

2014 Annual Vapor Intrusion Study
Solvent Dock Area
Former Lockheed Martin French Road
Facility
Utica, New York



Prepared for:
Lockheed Martin Corporation

Prepared by:
Stantec Consulting Services Inc.
61 Commercial Street Suite 100
Rochester, New York 14614

May 2014

Sign-off Sheet

This document entitled *2014 Annual Vapor Intrusion Study Solvent Dock Area Former Lockheed Martin French Road Facility Utica, New York* was prepared by Stantec Consulting Services Inc. on behalf of Lockheed Martin Corporation. The material in it reflects Stantec's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Stantec Consulting Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.



Prepared by _____
(signature)

Robert J. Mahoney, P. G.



Reviewed by _____
(signature)

Peter Nielsen, P.E.

EXECUTIVE SUMMARY

This report presents the results of the 2014 Vapor Intrusion (VI) Study performed at the former Lockheed Martin French Road Facility in Utica, New York. The study was conducted and this report was prepared in accordance with the *Draft Revised Work Plan for the Interim Corrective Measures* prepared for the site.

Because of previously-detected VOC presence in sub-slab and indoor air, mitigation in the form of a sub-slab depressurization system (SSDS) has been in operation since July 2008 as an interim corrective measure (ICM). The goal of the SSDS is to prevent volatile organic compounds (VOCs) present in sub-slab soil vapor from entering the indoor air, by creating a negative pressure under the floor slab. Sub-slab vapors removed by the SSDS are treated with granular activated carbon to remove VOC contaminants. The ICM also includes performance of an annual study to assess the effectiveness of the system.

The recent sampling program (including the facility chemical inventory) was completed during the period February 11-13, 2014. Sampling included sub-slab, indoor air and outdoor ambient air samples, obtained using summa canisters in accordance with New York State Department of Health (NYSDOH) guidelines. Sub-slab/indoor air sample pairs were obtained from 14 monitoring points. Due to the inability to obtain a sub-slab sample at one location, a sample from a nearby monitoring point was substituted. The samples were analyzed for the presence of volatile organic compounds (VOCs) using United States Environmental Protection Agency Compendium Method TO-15.

Regarding 2014 results, three sample locations are assigned a Monitor designation under the NYSDOH VI guidance due to concentrations of trichloroethene (TCE) in sub-slab soil gas, although at each location's paired indoor air sample TCE was not detected above the reporting limit (this may be due in part to higher-than-typical reporting limits for these samples). At the remaining 11 paired sample locations, NYSDOH matrices indicate that (depending on the compound) either No Further Action is necessary or "take reasonable and practical actions to identify source(s) and reduce exposure."

Table of Contents

ACRONYMS AND ABBREVIATIONS.....	I
1.0 INTRODUCTION	1
2.0 PREVIOUS VAPOR INTRUSION SAMPLING	2
3.0 INTERIM CORRECTIVE MEASURE: SUB-SLAB DEPRESSURIZATION SYSTEM.....	4
4.0 SAMPLING APPROACH	5
4.1 INTRODUCTION	5
4.2 SUB-SLAB SOIL GAS SAMPLING	5
4.3 INDOOR AIR SAMPLING	6
4.4 OUTDOOR AMBIENT AIR SAMPLING	6
5.0 RESULTS AND FINDINGS.....	7
5.1 INTRODUCTION	7
5.2 DATA EVALUATION USING NYSDOH MATRICES	8
5.3 COMPARISON WITH HISTORICAL DATA.....	11
6.0 SUMMARY AND CONCLUSIONS	12
7.0 REFERENCES.....	13

LIST OF TABLES

Table 1	Concentrations of Volatile Organic Compounds in Sub-Slab Soil Gas Collected in February 2014 from the Main Building
Table 2	Concentrations of Volatile Organic Compounds in Indoor Air Collected in February 2014 from the Main Building
Table 3	Concentrations of Volatile Organic Compounds in Outdoor Ambient Air Collected in February 2014
Table 4	Summary of Constituents Detected in February 2014 Sub-Slab Soil Gas and Indoor Air Samples
Table 5	Matrix Evaluation of VI Data February 2014
Table 6	Comparison of 2009 through 2014 Actions Using NYSDOH Matrices

2014 ANNUAL VAPOR INTRUSION STUDY
SOLVENT DOCK AREA
FORMER LOCKHEED MARTIN FRENCH ROAD FACILITY
UTICA, NEW YORK

LIST OF FIGURES

- Figure 1 Site Location Map
Figure 2 Site Plan and System Layout
Figure 3 February 2014 Sub-Slab/Indoor Air Sample
 Locations and Analytical Results

LIST OF APPENDICES

- Appendix A Historical Data Summary
Appendix B Sampling Logs
Appendix C Analytical Laboratory Results
Appendix D Data Usability Summary Report
Appendix E Chemical Inventory

Acronyms and Abbreviations

ASP	Analytical Services Protocol
cis-1,2,-DCE	cis-1,2-dichloroethene
ICM	interim corrective measure
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCE	tetrachloroethene
QA/QC	quality assurance/quality control
RSL	regional screening levels
SDS	sub-slab depressurization sump
SSDS	sub-slab depressurization system
TCE	trichloroethene
VI	vapor intrusion
VMP	vapor monitoring point
VOC	volatile organic compound
VPGAC	vapor phase granular activated carbon

1.0 Introduction

On behalf of Lockheed Martin Corporation (Lockheed Martin), Stantec Consulting Services Inc. (Stantec)** has prepared this report on the *2014 Annual Vapor Intrusion Study, Solvent Dock Area* (VI report) to present the results of a February 11-13, 2014 sub-slab soil gas and indoor air sampling event at the former Lockheed Martin French Road Facility in Utica, New York (site; see Figure 1). A sub-slab depressurization system (SSDS) has been in operation in selected areas since July 2008 as an interim corrective measure (ICM). The goal of the SSDS is to prevent elevated chlorinated volatile organic compound (VOC) vapors detected below the concrete slab of the northeast corner of the main ConMed Corporation (ConMed) manufacturing building from entering indoor air. This is accomplished by creating a negative pressure under the slab to reduce the potential of VOC vapors migrating to indoor air. The ICM was implemented as proposed in the *Draft Revised Work Plan for the Interim Corrective Measure* (ARCADIS 2008a).

The sample results included in this report are used to evaluate current soil gas and indoor air quality. Specifically, this VI report describes the sampling methodology, summarizes the sampling results, and provides an evaluation of the results. Previous VI sampling at the site is summarized in the following section.

** Note that in January 2014 Lockheed Martin retained Stantec to assume the previous role of ARCADIS as the consultant for this site. For this sampling event, ARCADIS staff installed the canisters and collected air for analysis. Stantec shadowed ARCADIS during the sampling event and has prepared this report.

2.0 Previous Vapor Intrusion Sampling

A summary of data collected during previous investigations is provided in Appendix A, including a table listing the analytical results for all historical sampling and a figure showing the sampling locations. Beginning in February 2006, sub-slab soil gas and indoor air samples were collected at multiple locations inside the ConMed building and above the area of known groundwater contamination. Analytical results from this sampling event indicated the presence of elevated VOCs including primarily tetrachloroethene (PCE) and trichloroethene (TCE) in the soil gas beneath the ConMed building, as presented in the *Vapor Intrusion Study Report* (Earth Tech 2006). At that time, the source of several VOCs observed in indoor air samples could not be determined due to the use of materials containing VOCs inside the building. This chemical use was documented in a chemical inventory prepared by Earth Tech based on its observations inside the building. The locations where elevated VOCs in the sub surface soil gas were detected did not directly correlate with locations where indoor air concentrations were observed. Although a correlation could not be established, concentrations of VOCs in sub-slab soil gas samples were greater than New York State Department of Health (NYSDOH) guidance levels that require mitigation measures to be implemented (in accordance with NYSDOH's then-current *Public Comment Draft, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005*).

In April 2007, ARCADIS collected co-located sub-slab soil gas and indoor air samples in the eastern portion of the building. Based on these results, ARCADIS recommended re-sampling sub-slab soil gas at two locations (sample locations SS-1 and SS-2, which are indicated on Figure A-1 in Appendix A), and installing an SSDS.

On October 2, 2007, ARCADIS sampled sub-slab soil gas at the SS-1 and SS-2 locations, data for which are included within the historical data summary of Appendix A. This sampling was conducted to confirm the results of previous sub-slab soil gas sampling. On November 14–15, 2007, additional sub-slab soil gas and indoor air sampling was conducted at the ConMed facility to:

- Confirm previous results;
- Better understand sub-slab soil gas and indoor air quality; and
- Further define areas in the building that should be mitigated as part of the planned ICM for the ConMed facility.

Results of this study were submitted to NYSDEC in the *Addendum to the Vapor Intrusion Study Report for the Solvent Dock Area* (ARCADIS 2008b). The study results identified elevated TCE in sub-slab soil gas and indoor air at concentrations that could warrant mitigation along the eastern/northeastern side of the ConMed facility, in

accordance with *Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006* (VI guidance; NYSDOH 2006).

In August 2009, after the SSDS had been installed and operated, 14 paired sub-slab soil gas and indoor air samples were collected to evaluate post-mitigation soil gas and indoor air quality. The SSDS was operational during the sampling period. The results of this sampling event were submitted to NYSDEC in the *Annual Post-Mitigation Vapor Intrusion Study Report for the Solvent Dock Area* (ARCADIS 2010a). The sampling confirmed that the SSDS was mitigating sub-slab soil gas concentrations of site-related VOCs, but also confirmed the need for additional mitigation at sampling location VMP-3A (as indicated on the historical tables and figure in Appendix A). This area was targeted for application of additional vacuum as part of the upgraded SSDS design and installation.

In January 2010, sub-slab soil gas and indoor air were sampled at 12 locations at the ConMed facility to evaluate soil gas and indoor air quality. Results of this sampling event indicated that, except for an area associated with SSDS system sump SDS-3 (Figure 2), sub-slab soil gas concentrations of site-related VOCs (including TCE and PCE) were reduced relative to the previous sampling round (ARCADIS 2010b). Similar conclusions were derived from sampling conducted during January 2011 and January 2012 (ARCADIS 2011, 2012).

Location VMP-7A was deemed to require mitigation based on the January 2011 sampling results. Results from the January 2012 sampling indicated that this location had been reduced to a “monitor” status under NYSDOH guidance. Location VMP-7A continues to be monitored on an annual basis, and has since been the subject of additional mitigation efforts (as described in the following section).

It should be noted that the 2013 Annual Vapor Intrusion Monitoring Report identified sample recovery issues which led to a significant amount of rejected data after review of the data usability report (DUSR). Due to the affected data usability, ARCADIS recommended a different laboratory be considered for future VI sample analysis. For the 2014 event, analytical testing services were provided by Test America Laboratories, Inc. (TestAmerica).

3.0 Interim Corrective Measure: Sub-Slab Depressurization System

A vapor intrusion mitigation system (i.e., the SSDS) began operating in July 2008. The primary objective of the SSDS is to maintain a negative pressure (i.e., a vacuum) below the building slab relative to the air pressure in the building above the slab, thereby reducing the potential migration (intrusion) of vapors into the building. In order to achieve an effective pressure differential across the concrete slab, soil gas is extracted from the subsurface and conveyed through carbon treatment to the atmosphere outside the building. This mitigates the potential migration of VOCs from sub-slab soil gas to indoor air.

The original SSDS included three sub-slab depressurization sumps (SDSs), a regenerative vacuum blower, effluent air treatment via vapor-phase granular activated carbon (VPGAC), and associated piping. The system layout is shown on Figure 2.

Operation, maintenance and monitoring (OM&M) activities of the SSDS during 2009 indicated that the ICM SSDS was not meeting operational goals (specifically in the area north of SDS-1 and west of SDS-3), thereby requiring system expansion and modification. In September 2010, SSDS upgrade activities were initiated, which included the installation of four additional depressurization sump locations and upgrades to other major components of the system. The purpose of these upgrades was to expand capture of sub-slab gas to areas where VOCs were present but were not being mitigated by the system. These system upgrades were completed in April 2011. Based on data collected during the 2012 calendar year, the upgraded SSDS was determined to be largely meeting performance goals, with the exception of the area of vapor monitoring point VMP-7A (near extraction sump SDS-7, Figure 2). Vacuum monitoring in the vicinity of VMP-7A was performed during the fourth quarter of 2012 and a follow-up pilot test was completed in 2013. Based on results of the pilot test, design and installation of an additional sub-slab depressurization sump (SDS-8) and four (4) additional VMP locations (VMP-8A, VMP-8B, VMP-8C, and VMP-8D) in the vicinity of VMP-7A was completed in October 2013. The enhanced system, when operating under designed conditions, now consists of eight SDSs (SDS-1 through SDS-8) operating under vacuum to create a pressure differential below the building slab.

4.0 Sampling Approach

4.1 INTRODUCTION

To evaluate the current quality of sub-slab soil gas and indoor air, 14 paired sub-slab soil gas and indoor air samples were obtained. One additional sub-slab sample (VMP-7B) and one additional indoor air sample (VMP-8D) were collected from locations that were not paired. In addition, one outdoor ambient air sample, one duplicate sub-slab soil gas sample and one duplicate indoor air sample were collected. All samples were collected on February 12, 2014, with the exception of sub-slab sample SS-VMP-7B and the outdoor ambient air sample, which were collected on February 13, 2014. The SSDS operated under normal conditions during sampling. Sampling methods used for the co-located sub-slab soil gas samples and indoor air samples are discussed below. Sampling locations are shown on Figure 3. Sampling logs are provided in Appendix B.

4.2 SUB-SLAB SOIL GAS SAMPLING

Samples were collected from 15 permanent points (Vacuum Monitoring Points VMP-1B, VMP-2B, VMP-2C, VMP-3A, VMP-3B, VMP-3D, VMP-3E, VMP-4, VMP-5A, VMP-5B, VMP-6A, VMP-6B, VMP-7, VMP-7A, and VMP-7B) previously installed to monitor the pressure differential under the slab. Each of these locations had been previously monitored as part of the annual vapor intrusion sampling program with the exception of location VMP-7B, which was included to further evaluate sub-slab vapor concentrations in that area due to sampling difficulties at VMP-8D.

A sub-slab sample could not be collected from VMP-8D due to a lack of air flow from the sub-slab to the canister. Inspection of the canister, regulator, and syringe indicated that there were no issues with sampling equipment. In addition, none of these individual sampling components identified vacuum. VMP-8D, VMP-8A, VMP-8B, and VMP-8C, were installed in 2013 as a means to evaluate expanded SSDS performance related to new sub-slab depressurization sump SDS-8. During startup and testing related to the installation of SDS-8, a cyclical differential pressure was observed at VMP-8D that did not achieve vacuum performance criteria. Location VMP-8D is part of the SSDS quarterly vacuum monitoring program. Conditions at this location are under evaluation.

All 16 samples, including the sub-slab duplicate, were collected in 6-liter SUMMA[®] canisters pre-set by the laboratory to draw soil gas at a flow rate of no more than approximately 12.5-milliliters per minute. Samples were collected over an approximately 8-hour sampling period. As indicated in the sample logs (Appendix B), however, some samples were collected in less than 8 hours, based on the flow regulator gauge reading, and some samples were given longer than 8 hours to ensure the laboratory-required minimum air volume requirement had been met. The valve on the SUMMA[®] canister was closed when approximately 5-inches of mercury vacuum were left in the canister, leaving a

vacuum in the canister as a means for the laboratory to verify that the canister did not leak during transit. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) in South Burlington, Vermont for laboratory analysis in accordance with United States Environmental Protection Agency Compendium Method TO-15. Laboratory results of sub-slab and indoor air sample analyses are provided in Appendix C.

4.3 INDOOR AIR SAMPLING

All 16 indoor air samples, including the indoor air duplicate, were collected in accordance with the methods described in the *Vapor Intrusion Work Plan – Revised* (Lockheed Martin 2005) and the VI guidance (NYSDOH 2006), and as described above for sub-slab samples. The indoor air sample canisters were exposed to room air at an elevation approximately three to five feet above the floor over the same time frame as collection of the sub-slab soil gas samples at each VMP location.

4.4 OUTDOOR AMBIENT AIR SAMPLING

One outdoor ambient air sample was collected to evaluate outdoor ambient air conditions in comparison to the indoor air and sub-slab vapor conditions. This sample was collected in the area of the fire hydrant just southwest of monitoring well MW-9, in a paved area north of the main building. This area is away from the main building and has limited activity. Results are provided in Appendix C.

5.0 Results and Findings

5.1 INTRODUCTION

This section discusses the results of the February 2014 VI sampling. This evaluation includes a comparison of the paired sample results to the matrices presented in the NYSDOH VI guidance. As part of the February 2014 sampling event, a facility chemical inventory was conducted and ConMed was also consulted regarding facility operations.

Sub-slab soil gas results are presented in Table 1; indoor air results are presented in Table 2. Results from the outdoor ambient air sample are presented in Table 3. Table 4 summarizes the data, including the frequency of detection for samples collected from the main building and minimum- and maximum-detected concentrations for each constituent. Figure 3 presents the analytical results for PCE and TCE in both sub-slab soil gas and indoor air samples.

A copy of the analytical laboratory report for the February 2014 sampling event is provided in Appendix C. Data packages were provided by the laboratory and prepared as New York State (NYS) “Analytical Services Protocol” (ASP) “Category B” deliverables. A *Data Usability Summary Report* (included in Appendix D) was completed in accordance with NYSDEC DER-10 (*Technical Guidance for Site Investigation and Remediation* [May 2010]).

The project data validator reviewed the usability of the analytical data, including determining if the data were accurate, precise, representative, complete, and comparable. Valid data are data for which all quality assurance/quality control (QA/QC) review criteria have been met and are acceptable. Data were characterized as usable where QA/QC parameters were marginally outside acceptable limits (e.g., sample holding times were slightly exceeded), such that the data may be questionable, but still usable within limitation. As a result of the DUSRs, all analytical results are considered usable and, therefore, no data were rejected. The DUSRs indicated that only minor qualifications, or minor changes to data qualifiers, were required; data qualifiers are included in the summary data tables of this report.

Sub-slab soil gas and indoor air data from the February 2014 sampling event were evaluated in two ways, as discussed below in the following section. These include:

1. Analytical data were evaluated using the matrices provided in the NYSDOH VI guidance.
2. Results from the 2014 sampling event were compared to historical results from co-located samples collected in 2009 through 2013 where available.

This evaluation is described in the following sections.



5.2 DATA EVALUATION USING NYSDOH MATRICES

Sub-slab soil gas and indoor air results are compared to the matrices presented in the NYSDOH VI guidance. Indoor air data were considered in conjunction with the sub-slab soil gas data.

Matrix 1 applies to carbon tetrachloride, TCE, and vinyl chloride. Matrix 2 applies to 1,1-dichloroethene, cis-1,2-dichloroethene, PCE, and 1,1,1-trichloroethane. Table 5 compares the indoor air and sub-slab soil gas results to the matrix-recommended action. The matrices allow for five different options or actions:

- No further action;
- Take reasonable and practical actions to identify source(s) and reduce exposures (i.e., concentration in indoor air is likely associated with indoor and/or outdoor sources); designated as “Background” in the matrices presented in this report);
- Monitor;
- Monitor/mitigate; and
- Mitigate.

As presented in Table 5, 15 sub-slab soil gas samples (plus one duplicate sample) and 15 indoor air samples (plus one duplicate sample) were collected from 15 locations as part of the February 2014 sampling. Paired sub-slab soil gas and indoor air results were used together to generate recommended actions based on the NYSDOH decision matrices. As described in Section 4.2, no sub-slab sample was collected at VMP-8D due to a lack of air flow. A replacement sub-slab sample was collected at VMP-7B the following day, but without a paired indoor air sample. Therefore, there are 14 paired sample locations to which the NYSDOH matrix guidance can be applied. To apply the NYSDOH matrix guidance, any non-detect analytes were considered present at concentrations set by the reporting limit, as has been done for previous reporting.

Per Table 5, the majority of matrix outputs for the evaluated locations are assigned No Further Action or Background designations. Monitor designations are assigned to locations VMP-5A, VMP-6A, and VMP-7A as a result of TCE concentrations.

Seven indoor air samples and eleven sub-slab vapor samples were diluted in the lab due to interference or elevated analyte concentrations. The dilutions resulted in higher analyte reporting limits for those samples. In instances where concentrations of a given compound were not detected per reporting limits that are higher than recommended by the NYSDOH Guidance or those typically employed in earlier monitoring events, using the reporting limit as the reported concentration (whether the compound is present or

not) in the NYSDOH matrix output provides a conservative determination resulting from sub-slab and indoor air data. Monitoring locations within this category are as follows:

- VMP-3A
- VMP-5A
- VMP-5B
- VMP-6A
- VMP-6B
- VMP-7
- VMP-7A

At these seven locations, the reporting limits are greater than the first, and sometimes second tier of the NYSDOH matrices. In these cases, matrices provide a conservative output, as the use of higher reporting limits assumes higher concentrations whether the compound is present or not. Nonetheless, among these locations relatively elevated reporting limits result in Background status assigned for all considered compounds at VMP-5B, VMP-6B, and VMP-7, meaning the matrices indicate the recommended action is to “take reasonable and practical actions to identify source(s) and reduce exposures reasonable and practical action should be implemented to identify sources(s) and reduce exposures.

For locations VMP-3A and VMP-5A, and with the exception of carbon tetrachloride and TCE, the matrices also identify Background as the assigned status. With regard to carbon tetrachloride and TCE at these locations, matrices identify a Monitor or Mitigate status due in part to the elevated reporting limits. Further clarification is as follows.

- Carbon tetrachloride results for VMP-3A indicate a Monitor status based on the approach to use analyte reporting limits although carbon tetrachloride was not detected in either the sub-slab or indoor air sample. Using the method detection limit (as opposed to the reporting limit) for the sub-slab result indicates it would belong in a lower tier status (i.e. Background sources). Under these circumstances, use of the method detection limit for carbon tetrachloride in sub-slab soil vapor is considered justified as this is the minimum concentration at which carbon tetrachloride can be identified, if not reliably quantified. This approach is used to assign matrix output in Tables 5 and 6. Nonetheless, a conservatively-assigned Monitor status is consistent with current operation, maintenance, and monitoring performed in conjunction with the SSDS and as such is noted in Tables 5 and 6.
- TCE results for VMP-5A indicate a Mitigate status due to the sub-slab reported concentration and indoor air reporting limit, although the compound was not

detected in the indoor air sample. Using the method detection limit (as opposed to the reporting limit) for TCE in the indoor air sample results in assignment to a lower tier designation, namely Monitor. Similar to VMP-3A, use of the method detection limit for TCE in indoor air is employed for matrix output. VMP-5A is conservatively assigned a Monitor status, which is consistent with current OM&M performed in conjunction with the SSDS and as such is noted in Tables 5 and 6.

For locations VMP-6A and VMP-7A, and as noted above, Monitor status is assigned per matrix output of Table 5 based on TCE concentrations and reporting limits. Although TCE was not detected in indoor air samples at these locations during the 2014 monitoring, Monitor status based on TCE has been assigned to both locations during past annual monitoring events. As with selected compounds for VMP-3A and VMP-5A, a Monitor status assigned to VMP-6A and VMP-7A for TCE is consistent with current operation, maintenance, and monitoring of the SSDS. Vacuum monitoring data collected in 2012 and 2013 indicated that location VMP-7A was not consistently under the influence of the SSDS. In response, sub-slab depressurization sump SDS-8 was installed proximate to VMP-7A (Figure 2). Startup and testing of SDS-8 was completed in October 2013 and the extraction point has since been left online as part of the expanded SSDS. Since the addition of SDS-8, vacuum monitoring indicates that VMP-7A achieves the target vacuum performance criteria for the SSDS.

With regard to increased analytical reporting limits in the 2014 data set, previous analyses were performed by Centek Laboratories in Syracuse, New York, whereas the current samples were analyzed by TestAmerica. Stantec has discussed the methods and results of this sampling event with TestAmerica, which has agreed to revise the analytical procedures in order to avoid future effects of interference or elevated analyte concentrations on analytical reporting limits.

At the remaining seven paired sample locations, NYSDOH matrices indicate (depending on the compound) that either No Further Action is necessary or that reasonable and practical actions should be implemented to identify background source(s) and reduce exposures.

As part of the 2014 sampling event, a chemical inventory (Appendix E) was completed in accordance with the NYSDOH VI guidance (NYSDOH 2006). One product containing PCE was observed during the chemical inventory. Several other constituents detected in indoor air (such as acetone, ethylbenzene, heptane, hexane, isopropyl alcohol, toluene, and xylenes) are used by ConMed in its various operations in specific locations within the facility and were identified during the chemical inventory.

5.3 COMPARISON WITH HISTORICAL DATA

Matrix results for sub-slab soil gas and indoor air sampling data obtained from 2009 through 2014 are compared per sampling location in Table 6. Overall, matrix results remained generally constant or improved from 2009 to 2013 (Table 6). For 2014 data, a number of matrix results may be influenced by relatively higher reporting limits for undetected compounds, resulting in higher-tiered status relative to earlier results. However, as noted above, the majority of 2014 determinations indicate No Further Action or Background assigned status.

TCE results for VMP-7A continue to indicate a Monitor designation due to the sub-slab reported concentration. This location has maintained a Monitor designation since 2011 when vapor intrusion sampling results indicated the location warranted a Mitigation designation. For VMP-5A, TCE was detected in sub-slab soil vapor during the 2014 event at 26 $\mu\text{g}/\text{m}^3$, an increase from 1.6 $\mu\text{g}/\text{m}^3$ detected in the 2013 sub-slab sample. For VMP-6A, TCE in sub-slab soil vapor increased from 1.2 $\mu\text{g}/\text{m}^3$ (2013) to 11 $\mu\text{g}/\text{m}^3$ (2014). At both locations, matrix determinations increased from Background to Monitor designations for TCE. As noted above, monitoring will continue at both locations as part of SSDS operation, maintenance, and monitoring and annual vapor intrusion sampling.

6.0 Summary and Conclusions

Sub-slab soil gas and/or indoor air were sampled at 16 locations and one ambient outdoor air location was sampled at the ConMed facility in February 2014 to evaluate soil gas and soil gas intrusion. Results of this sampling event indicate that three locations (VMP-5A, VMP-6A, and VMP-7A) are assigned a Monitor designation under the VI guidance due to concentrations of TCE in sub-slab soil gas, although at each location's paired indoor air sample TCE was not detected above the reporting limit, the latter of which may be due to higher-than-typical reporting limits for these samples. At the remaining 11 paired sample locations, NYSDOH matrices indicate that (depending on the compound) either No Further Action is necessary or that Actions to Identify Background Sources(s) and Reduce Exposures should be implemented.

7.0 References

- ARCADIS. 2007. *Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* August 10.
- ARCADIS. 2008a. *Draft Revised Work Plan for the Interim Corrective Measure, Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* April 30.
- ARCADIS. 2008b. *Addendum to the Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* February 29.
- ARCADIS. 2009. *Corrective Measures Study Report, Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* March 16.
- ARCADIS. 2010a. *Annual Post-Mitigation Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* January.
- ARCADIS. 2010b. *Annual Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* March.
- ARCADIS. 2011. *Annual Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* April, revised July.
- ARCADIS. 2012. *Annual Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* May 31.
- ARCADIS. 2013. *Annual Vapor Intrusion Study Report for the Solvent Dock Area, Former Lockheed Martin French Road Facility, Utica, New York.* May.
- Earth Tech. 2006. Letter to Tina Armstrong, Lockheed Martin Corporation, from Caroline Benedict, Earth Tech, Inc. "RE: Vapor intrusion Study, ConMed Facility, French Road, Utica, New York." April 17.
- Lockheed Martin. 2005. Letter to Mr. Larry Rosenmann, New York State Department of Environmental Conservation, from Tina Armstrong, Lockheed Martin Corporation. "RE: Vapor intrusion Work Plan— Revised, ConMed Facility, 525 French Road, Utica, New York." June 29.
- New York State Department of Environmental Conservation. 2010. *DER 10/Technical Guidance for Site Investigation and Remediation.* May 3, 2010.

2014 ANNUAL VAPOR INTRUSION STUDY
SOLVENT DOCK AREA
FORMER LOCKHEED MARTIN FRENCH ROAD FACILITY
UTICA, NEW YORK

New York State Department of Health. 2005. *Public Comment Draft, Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, February 2005.

New York State Department of Health. 2006. *Final— Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. New York State Department of Health, Center for Environmental Health, Bureau of Environmental Exposure Investigation. October.

TABLES

Table 1. Concentrations of Volatile Organic Compounds in Sub-Slab Soil Gas Collected in February 2014 from the Main Building

Location ID: Date Collected: Area:	Units	SS-VMP-1B 02/12/14 Between Kitting & Molding Storage DOC	SS-VMP-2B 02/12/14 Adjacent to Leadwire Assembly - South	SS-VMP-2C 02/12/14 Adjacent to Cable Assembly	SS-VMP-3A 02/12/14 CET Warehouse	SS-VMP-3B 02/12/14 Near Southeast Side of CET Packaging Area	SS-VMP-3D 02/12/14 Near Southwest Side of Mold Storage	SS-VMP-3E 02/12/14 Mold Storage	SS-VMP-4 02/12/14 Southeast Side of Mold Storage
1,1,1-Trichloroethane	µg/m ³	1.1 U	72	1.9	22 U	1.1 U	1.1 U	1.1 U	2.2 U
1,1,2,2-Tetrachloroethane	µg/m ³	0.60 NJ	3.4 U	1.4 U	28 U	1.4 U	1.4 U	1.4 U	2.7 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	1.5 U	4.1	0.59 NJ	31 U	0.24 NJ	0.48 NJ	0.64 NJ	3.1 U
1,1,2-Trichloroethane	µg/m ³	0.48 NJ	2.7 U	1.1 U	22 U	1.1 U	1.1 U	1.1 U	2.2 U
1,1-Dichloroethane	µg/m ³	0.40 NJ	0.51 NJ	0.81 U	16 U	0.81 U	0.81 U	0.81 U	1.6 U
1,1-Dichloroethene	µg/m ³	0.41 NJ	2.0 U	0.79 U	16 U	0.79 U	0.79 U	0.79 U	1.6 U
1,2,4-Trichlorobenzene	µg/m ³	3.7 UJ	9.3 UJ	3.7 UJ	75 UJ	3.7 UJ	3.7 UJ	3.7 U	7.4 U
1,2,4-Trimethylbenzene	µg/m ³	0.42 NJ	0.79 NJ	0.86 NJ	20 U	0.21 NJ	0.98 U	0.65 NJ	0.87 NJ
1,2-Dibromoethane	µg/m ³	1.5 U	3.8 U	1.5 U	31 U	1.5 U	1.5 U	1.5 U	3.1 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	0.65 NJ	3.5 U	1.4 U	28 U	1.4 U	1.4 U	1.4 U	2.8 U
1,2-Dichlorobenzene	µg/m ³	0.42 NJ	3.0 U	1.2 U	24 U	1.2 U	1.2 U	1.2 U	2.4 U
1,2-Dichloroethane	µg/m ³	0.33 NJ	2.0 U	0.81 U	16 U	0.81 U	0.81 U	0.81 U	1.6 U
1,2-Dichloropropane	µg/m ³	0.92 U	2.3 U	0.92 U	19 U	0.92 U	0.92 U	0.92 U	1.8 U
1,3,5-Trimethylbenzene	µg/m ³	0.40 NJ	0.29 NJ	0.28 NJ	20 U	0.095 NJ	0.98 U	0.20 NJ	0.30 NJ
1,3-Butadiene	µg/m ³	0.20 NJ	1.1 U	0.44 U	8.9 U	0.44 U	0.54	0.44 U	0.88 U
1,3-Dichlorobenzene	µg/m ³	1.3	2.8 NJ	3.8	3.8 NJ	1.9	1.2 U	4.9 JB	2.7 JB
1,4-Dichlorobenzene	µg/m ³	0.39 NJ	3.0 U	1.2 U	24 U	1.2 U	1.2 U	1.2 U	2.4 U
1,4-Dioxane	µg/m ³	1.8 NJ	45 U	18 U	360 U	18 U	18 U	18 U	36 U
2,2,4-Trimethylpentane	µg/m ³	1.8	2.3 U	0.57 NJ	19 U	0.41 NJ	0.93 U	0.77 NJ	1.9 U
2-Butanone	µg/m ³	44	56	61	35	13	42	72	66
2-Hexanone	µg/m ³	2.0 U	5.1 U	2.0 U	41 U	2.0 U	2.0 U	2.0 U	4.1 U
3-Chloropropene	µg/m ³	1.6 U	3.9 U	1.6 U	31 U	1.6 U	1.6 U	1.6 U	3.1 U
4-Ethyltoluene	µg/m ³	0.48 NJ	0.37 NJ	0.33 NJ	20 U	0.095 NJ	0.98 U	0.19 NJ	0.37 NJ
4-Methyl-2-pentanone	µg/m ³	0.60 NJ	5.1 U	0.84 NJ	41 U	2.0 U	2.0 U	0.34 NJ	4.1 U
Acetone	µg/m ³	45	36	39	240 U	24	33	65	84
Benzene	µg/m ³	1.2	0.92 NJ	0.87	13 U	0.59 NJ	0.73	1.1	0.95 NJ
Benzyl Chloride	µg/m ³	1.0 U	2.6 U	1.0 U	21 U	1.0 U	1.0 U	1.0 U	2.1 U
Bromodichloromethane	µg/m ³	0.47 NJ	3.4 U	1.3 U	27 U	1.3 U	1.3 U	1.3 U	2.7 U
Bromoform	µg/m ³	0.71 NJ	5.2 U	2.1 U	42 U	2.1 U	2.1 U	2.1 U	4.1 U
Bromomethane	µg/m ³	0.35 NJ	1.9 U	0.78 U	16 U	0.78 U	0.78 U	0.78 U	1.6 U
Carbon Disulfide	µg/m ³	1.6 U	3.9 U	2.7	31 U	1.6 U	0.68 NJ	1.6 U	3.1 U
Carbon Tetrachloride	µg/m ³	0.65	0.63 U	0.34	5.1 U	0.22 NJ	0.36	0.41	0.50 U
Chlorobenzene	µg/m ³	0.55 NJ	0.64 NJ	0.57 NJ	19 U	0.92 U	0.92 U	0.92 U	0.56 NJ
Chloroethane	µg/m ³	0.40 NJ	3.3 U	1.3 U	27 U	1.3 U	1.3 U	1.3 U	2.6 U
Chloroform	µg/m ³	0.98	1.1 NJ	0.98 U	20 U	0.98 U	0.98 U	0.98 U	2.0 U
Chloromethane	µg/m ³	1.0 U	2.6 U	1.0 U	21 U	1.0 U	1.0 U	1.1	2.1 U
cis-1,2-Dichloroethene	µg/m ³	0.93	2.0 U	0.79 U	16 U	0.79 U	0.79 U	0.79 U	1.6 U
cis-1,3-Dichloropropene	µg/m ³	0.91 U	2.3 U	0.91 U	18 U	0.91 U	0.91 U	0.91 U	1.8 U
Cyclohexane	µg/m ³	11	32	33	14 U	0.94	2.9	4.6	40
Dibromochloromethane	µg/m ³	1.7 U	4.3 U	1.7 U	34 U	1.7 U	1.7 U	1.7 U	3.4 U
Dichlorodifluoromethane	µg/m ³	2.6	130	1.8 NJ	50 U	1.0 NJ	1.9 NJ	2.4 NJ	4.9 U
Ethyl acetate	µg/m ³	-	-	-	-	-	-	-	-
Ethylbenzene	µg/m ³	0.74 NJ	0.78 NJ	0.80 NJ	17 U	0.18 NJ	0.87 U	0.45 NJ	0.80 NJ
Heptane	µg/m ³	1.0	2.0 U	0.70 NJ	16 U	1.0	0.82 U	0.82 U	1.6 U
Hexachlorobutadiene	µg/m ³	2.1 U	5.3 U	2.1 U	43 U	2.1 U	2.1 U	2.1 U	4.3 U
Isopropyl alcohol	µg/m ³	1000 J	1500 J	1500 J	1500	380 J	1200 J	1500 J	1500 J
m&p-Xylene	µg/m ³	1.5 NJ	1.3 NJ	1.5 NJ	44 U	0.50 NJ	2.2 U	1.2 NJ	1.7 NJ

Table 1. Concentrations of Volatile Organic Compounds in Sub-Slab Soil Gas Collected in February 2014 from the Main Building

Location ID: Date Collected: Area:	Units	SS-VMP-1B 02/12/14 Between Kitting & Molding Storage DOC	SS-VMP-2B 02/12/14 Adjacent to Leadwire Assembly - South	SS-VMP-2C 02/12/14 Adjacent to Cable Assembly	SS-VMP-3A 02/12/14 CET Warehouse	SS-VMP-3B 02/12/14 Near Southeast Side of CET Packaging Area	SS-VMP-3D 02/12/14 Near Southwest Side of Mold Storage	SS-VMP-3E 02/12/14 Mold Storage	SS-VMP-4 02/12/14 Southeast Side of Mold Storage
Methyl tert-butyl ether	µg/m ³	0.72 U	1.8 U	0.72 U	14 U	0.72 U	0.72 U	0.72 U	1.4 U
Methylene Chloride	µg/m ³	3.0	2.0 NJ	19	1400	21	29	10	5.0
n-Hexane	µg/m ³	1.2	0.75 NJ	0.66 NJ	14 U	1.1	0.46 NJ	0.80	1.4 U
o-Xylene	µg/m ³	0.62 NJ	0.53 NJ	0.58 NJ	17 U	0.20 NJ	0.87 U	0.51 NJ	0.55 NJ
Propylene	µg/m ³	-	-	-	-	-	-	-	-
Styrene	µg/m ³	0.49 NJ	1.7 NJ	2.0	17 U	0.85 U	0.85 U	0.25 NJ	1.9
Tetrachloroethene	µg/m ³	6.0	2.4 NJ	0.3 NJ	27 U	1.4 U	0.14 NJ	0.87 NJ	3.3
Tetrahydrofuran	µg/m ³	2.3 NJ	3.0 NJ	3.2 NJ	6.0 NJ	0.55 NJ	2.3 NJ	15 U	29 U
Toluene	µg/m ³	3.0	3.2	3.2	5.7 NJ	1.2	0.44 NJ	2.5	3.8
trans-1,2-Dichloroethene	µg/m ³	0.39 NJ	2.0 U	0.79 U	16 U	0.79 U	0.79 U	0.79 U	1.6 U
trans-1,3-Dichloropropene	µg/m ³	0.34 NJ	2.3 U	0.91 U	18 U	0.91 U	0.91 U	0.91 U	1.8 U
Trichloroethene	µg/m ³	4.1	23	0.14 NJ	4.3 U	0.21 U	0.21 U	0.20 NJ	0.43 U
Trichlorofluoromethane	µg/m ³	47	4.6	2.0	23 U	0.61 NJ	1.3	1.4	8.0
Vinyl Acetate	µg/m ³	-	-	-	-	-	-	-	-
Vinyl Bromide	µg/m ³	0.87 U	2.2 U	0.87 U	18 U	0.87 U	0.87 U	0.87 U	1.7 U
Vinyl Chloride	µg/m ³	0.27	0.26 U	0.10 U	2.1 U	0.10 U	0.10 U	0.10 U	0.20 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

B = Compound was found in the blank and sample.

D = Diluted concentration reported.

E = Result exceeded calibration range.

J = Analyte detected at or below quantitation limits and/or estimated value.

JB = Analyte was detected at or below quantitation limits and/or estimated value and was also detected in the blanks.

NJ = Analyte has been "tentatively identified" and the result is an approximated value.

U = Not detected at the reporting limit.

UJ = Analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is approximate.

Table 1. Concentrations of Volatile Organic Compounds in Sub-Slab Soil Gas Collected in February 2014 from the Main Building

Location ID: Date Collected: Area:	Units	SS-VMP-5A 02/12/14 Northwest Utica National	SS-VMP-5B 02/12/14 CET Warehouse	SS-VMP-6A 02/12/14 Central Utica National	SS-VMP-6B 02/12/14 Central Utica National	SS-VMP-7 02/12/14 Between Kitting & Molding Storage DOC	SS-VMP-7A 02/12/14 Southwest Utica National	SS-VMP-7B 02/13/14 Central Utica National
1,1,1-Trichloroethane	µg/m ³	12	7.5 U	19	11 U	8.7 U	7.0 NJ [10 J]	26 U
1,1,2,2-Tetrachloroethane	µg/m ³	7.8 U	9.5 U	14 U	2.9 NJ	11 U	10 U [10 U]	33 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	24	11 U	15	4.2 NJ	4.2 NJ	3.4 NJ [5.4 NJ]	36 U
1,1,2-Trichloroethane	µg/m ³	6.2 U	7.5 U	11 U	2.1 NJ	8.7 U	8.2 U [8.2 U]	26 U
1,1-Dichloroethane	µg/m ³	4.0 NJ	5.6 U	27	2.5 NJ	8.3	1.5 NJ [2.0 NJ]	19 U
1,1-Dichloroethene	µg/m ³	4.5 U	5.5 U	7.9 U	7.9 U	6.3 U	5.9 U [5.9 U]	19 U
1,2,4-Trichlorobenzene	µg/m ³	21 U	26 UJ	37 UJ	37 UJ	30 U	28 U [28 U]	88 U
1,2,4-Trimethylbenzene	µg/m ³	0.94 NJ	6.8 U	9.8 U	2.5 NJ	7.9 U	7.4 U [7.4 U]	23 U
1,2-Dibromoethane	µg/m ³	8.8 U	11 U	15 U	15 U	12 U	12 U [11 U]	37 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	8.0 U	9.6 U	14 U	14 U	11 U	10 U [10 U]	33 U
1,2-Dichlorobenzene	µg/m ³	6.9 U	8.3 U	12 U	2.3 NJ	9.6 U	9.0 U [9.0 U]	29 U
1,2-Dichloroethane	µg/m ³	4.6 U	5.6 U	8.1 U	1.7 NJ	6.5 U	6.1 U [6.1 U]	19 U
1,2-Dichloropropane	µg/m ³	5.3 U	6.4 U	9.2 U	9.2 U	7.4 U	6.9 U [6.9 U]	22 U
1,3,5-Trimethylbenzene	µg/m ³	5.6 U	6.8 U	9.8 U	2.3 NJ	7.9 U	7.4 U [7.4 U]	23 U
1,3-Butadiene	µg/m ³	2.5 U	3.1 U	4.4 U	4.4 U	3.5 U	3.3 U [3.3 U]	11 U
1,3-Dichlorobenzene	µg/m ³	3.8 NJB	2.2 NJ	3.8 NJ	3.3 NJ	3.9 NJB	4.4 NJB [7.5 NJB]	13 NJB
1,4-Dichlorobenzene	µg/m ³	6.9 U	8.3 U	12 U	1.9 NJ	9.6 U	9.0 U [9.0 U]	29 U
1,4-Dioxane	µg/m ³	5.5 NJ	120 U	180 U	180 U	140 U	130 U [130 U]	430 U
2,2,4-Trimethylpentane	µg/m ³	2.8 NJ	6.4 U	9.3 U	3.8 NJ	7.5 U	7.0 U [7.0 U]	22 U
2-Butanone	µg/m ³	54	22	52	29	73	49 J [82 J]	35 U
2-Hexanone	µg/m ³	12 U	14 U	20 U	20 U	16 U	15 U [15 U]	49 U
3-Chloropropene	µg/m ³	8.9 U	11 U	16 U	16 U	13 U	12 U [12 U]	37 U
4-Ethyltoluene	µg/m ³	5.6 U	6.8 U	9.8 U	2.2 NJ	7.9 U	7.4 U [7.4 U]	23 U
4-Methyl-2-pentanone	µg/m ³	12 U	14 U	20 U	20 U	16 U	15 U [15 U]	49 U
Acetone	µg/m ³	62 NJ	82 U	120 U	120 U	86 NJ	45 NJ [74 NJ]	280 U
Benzene	µg/m ³	1.2 NJ	1.0 NJ	1.2 NJ	1.9 NJ	5.1 U	4.8 U [1.4 NJ]	15 U
Benzyl Chloride	µg/m ³	5.9 U	7.1 U	10 U	10 U	8.3 U	7.8 U [7.7 U]	25 U
Bromodichloromethane	µg/m ³	7.7 U	9.2 U	13 U	2.3 NJ	11 U	10 U [10 U]	32 U
Bromoform	µg/m ³	12 U	14 U	21 U	21 U	17 U	15 U [15 U]	49 U
Bromomethane	µg/m ³	4.4 U	5.4 U	7.8 U	7.8 U	6.2 U	5.8 U [5.8 U]	18 U
Carbon Disulfide	µg/m ³	4.3 NJ	11 U	16 U	16 U	12 U	12 U [12 U]	37 U
Carbon Tetrachloride	µg/m ³	1.4 U	1.7 U	2.5 U	2.3 NJ	2.0 U	1.9 U [1.9 U]	6 U
Chlorobenzene	µg/m ³	5.3 U	6.4 U	9.2 U	2.0 NJ	7.4 U	6.9 U [6.9 U]	22 U
Chloroethane	µg/m ³	7.5 U	9.1 U	13 U	13 U	11 U	9.9 U [9.9 U]	31 U
Chloroform	µg/m ³	51	6.7 U	21	9.8 U	7.8 U	44 J [69 J]	12 NJ
Chloromethane	µg/m ³	5.9 U	7.1 U	10 U	10 U	8.3 U	7.7 U [7.7 U]	25 U
cis-1,2-Dichloroethene	µg/m ³	4.5 U	5.5 U	7.9 U	7.9 U	6.3 U	5.9 U [5.9 U]	19 U
cis-1,3-Dichloropropene	µg/m ³	5.2 U	6.3 U	9.1 U	9.1 U	7.3 U	6.8 U [6.8 U]	22 U
Cyclohexane	µg/m ³	3.3 NJ	2.9 NJ	8.8 J	6.2 NJ	9.4	7.0 J [11 J]	16 U
Dibromochloromethane	µg/m ³	9.7 U	12 U	17 U	17 U	14 U	13 U [13 U]	41 U
Dichlorodifluoromethane	µg/m ³	14 U	17 U	9.2 NJ	6.4 NJ	85	19 U [18 U]	59 U
Ethyl acetate	µg/m ³	-	-	-	-	-	-	-
Ethylbenzene	µg/m ³	0.75 NJ	6.0 U	8.7 U	2.3 NJ	6.9 U	6.5 U [0.65 NJ]	21 U
Heptane	µg/m ³	4.7 U	5.7 U	8.2 U	8.2 U	6.6 U	6.1 U [6.1 U]	20 U
Hexachlorobutadiene	µg/m ³	12 U	15 U	21 U	21 U	17 U	16 U [16 U]	51 U
Isopropyl alcohol	µg/m ³	1200 J	970 J	2000 J	970	2200 J	1700 J [2900 J]	1100
m&p-Xylene	µg/m ³	12 U	15 U	22 U	4.7 NJ	17 U	16 U [16 U]	52 U

Table 1. Concentrations of Volatile Organic Compounds in Sub-Slab Soil Gas Collected in February 2014 from the Main Building

Location ID: Date Collected: Area:	Units	SS-VMP-5A 02/12/14 Northwest Utica National	SS-VMP-5B 02/12/14 CET Warehouse	SS-VMP-6A 02/12/14 Central Utica National	SS-VMP-6B 02/12/14 Central Utica National	SS-VMP-7 02/12/14 Between Kitting & Molding Storage DOC	SS-VMP-7A 02/12/14 Southwest Utica National	SS-VMP-7B 02/13/14 Central Utica National
Methyl tert-butyl ether	µg/m ³	4.1 U	5.0 U	7.2 U	7.2 U	5.8 U	5.4 U [5.4 U]	17 U
Methylene Chloride	µg/m ³	350	300	620	410	670	460 J [720 J]	200
n-Hexane	µg/m ³	2.5 NJ	4.9 U	7.0 U	7.0 U	5.6 U	5.3 U [3.3 NJ]	17 U
o-Xylene	µg/m ³	5.0 U	6.0 U	8.7 U	2.1 NJ	6.9 U	6.5 U [6.5 U]	21 U
Propylene	µg/m ³	-	-	-	-	-	-	-
Styrene	µg/m ³	4.9 U	5.9 U	8.5 U	2.3 NJ	6.8 U	6.4 U [0.98 NJ]	20 U
Tetrachloroethene	µg/m ³	16	9.4 U	14 U	11 NJ	11 U	10 U [10 U]	32 U
Tetrahydrofuran	µg/m ³	84 U	3.6 NJ	41 NJ	17 NJ	40 NJ	110 U [58 NJ]	350 U
Toluene	µg/m ³	5.9	3.2 NJ	6.8 NJ	6.7 NJ	6.6	4.4 NJ [6.9 J]	18 U
trans-1,2-Dichloroethene	µg/m ³	4.5 U	5.5 U	7.9 U	7.9 U	6.3 U	5.9 U [5.9 U]	19 U
trans-1,3-Dichloropropene	µg/m ³	5.2 U	6.3 U	9.1 U	9.1 U	7.3 U	6.8 U [6.8 U]	22 U
Trichloroethene	µg/m ³	26	1.5 U	11	2.1 NJ	1.7 U	14 J [21 J]	5.1 U
Trichlorofluoromethane	µg/m ³	6.4 U	7.8 U	23	11 U	22	8.4 U [8.4 U]	27 U
Vinyl Acetate	µg/m ³	-	-	-	-	-	-	-
Vinyl Bromide	µg/m ³	5.0 U	6.0 U	8.7 U	8.7 U	7.0 U	6.6 U [6.5 U]	21 U
Vinyl Chloride	µg/m ³	0.58 U	0.71 U	1.0 U	1.0 U	0.82 U	0.77 U [0.76 U]	2.4 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

B = Compound was found in the blank and sample.

D = Diluted concentration reported.

E = Result exceeded calibration range.

J = Analyte detected at or below quantitation limits and/or estimated value.

JB = Analyte was detected at or below quantitation limits and/or estimated value and was also detected in the blanks.

NJ = Analyte has been "tentatively identified" and the result is an approximated value.

U = Not detected at the reporting limit.

UJ = Analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is approximate.

Table 2. Concentrations of Volatile Organic Compounds in Indoor Air Collected in February 2014 from the Main Building

Location ID: Date Collected:	Area:	Units	IA-VMP-1B 02/12/14 Between Kitting & Molding Storage DOC	IA-VMP-2B 02/12/14 Adjacent to Leadwire Assembly - South	IA-VMP-2C 02/12/14 Adjacent to Cable Assembly	IA-VMP-3A 02/12/14 CET Warehouse	IA-VMP-3B 02/12/14 Near Southeast Side of CET Packaging Area	IA-VMP-3D 02/12/14 Near Southwest Side of Mold Storage	IA-VMP-3E 02/12/14 Mold Storage	IA-VMP-4 02/12/14 Southeast Side of Mold Storage
1,1,1-Trichloroethane		µg/m ³	1.1 U [1.1 U]	1.1 U	1.1 U	14 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane		µg/m ³	1.4 U [1.4 U]	1.4 U	1.4 U	18 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-trichloro-1,2,2-trifluoroethane		µg/m ³	0.62 NJ [0.69 NJ]	0.52 NJ	0.58 NJ	20 U	0.56 NJ	0.62 NJ	0.66 NJ	0.4 NJ
1,1,2-Trichloroethane		µg/m ³	1.1 U [1.1 U]	1.1 U	1.1 U	14 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane		µg/m ³	0.81 U [0.81 U]	0.81 U	0.81 U	10 U	0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene		µg/m ³	0.79 U [0.79 U]	0.79 U	0.79 U	10 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2,4-Trichlorobenzene		µg/m ³	3.7 U [3.7 U]	3.7 U	3.7 U	48 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene		µg/m ³	0.27 NJ [0.3 NJ]	0.20 NJ	0.35 NJ	13 U	0.98 U	0.2 NJ	0.98 U	0.26 NJ
1,2-Dibromoethane		µg/m ³	1.5 U [1.5 U]	1.5 U	1.5 U	20 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane		µg/m ³	1.4 U [1.4 U]	1.4 U	1.4 U	18 U	1.4 U	1.4 U	1.4 U	1.4 U
1,2-Dichlorobenzene		µg/m ³	1.2 U [1.2 U]	1.2 U	1.2 U	16 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane		µg/m ³	0.81 U [0.81 U]	0.81 U	0.81 U	10 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane		µg/m ³	0.92 U [0.92 U]	0.92 U	0.92 U	12 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene		µg/m ³	0.15 NJ [0.12 NJ]	0.27 NJ	0.16 NJ	13 U	0.98 U	0.98 U	0.98 U	0.15 NJ
1,3-Butadiene		µg/m ³	0.58 [0.60]	0.81	0.68	5.7 U	0.44 U	0.44 U	0.27 NJ	0.51
1,3-Dichlorobenzene		µg/m ³	1.2 U [1.2 U]	1.2 U	1.2 U	16 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		µg/m ³	1.2 U [1.2 U]	1.2 U	1.2 U	16 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane		µg/m ³	18 U [18 U]	18 U	18 U	230 U	18 U	18 U	18 U	2.1 NJ
2,2,4-Trimethylpentane		µg/m ³	1.4 J [0.79 NJ]	0.93 U	0.93 U	12 U	0.93 U	0.93 U	0.44 NJ	0.53 NJ
2-Butanone		µg/m ³	1.6 [1.8]	1.5	2.1	19 U	2.3	1.5 U	1.5	1.8
2-Hexanone		µg/m ³	2.0 U [2.0 U]	2.0 U	2.0 U	26 U	2 U	2 U	2 U	2 U
3-Chloropropene		µg/m ³	1.6 U [1.6 U]	1.6 U	1.6 U	20 U	1.6 U	1.6 U	1.6 U	1.6 U
4-Ethyltoluene		µg/m ³	0.25 NJ [0.14 NJ]	0.25 NJ	0.38 NJ	13 U	0.98 U	0.98 U	0.98 U	0.26 NJ
4-Methyl-2-pentanone		µg/m ³	2.0 U [2.0 U]	2.0 U	2.0 U	26 U	2 U	2 U	2 U	2 U
Acetone		µg/m ³	11 NJ [9.5 NJ]	8.4 NJ	11 NJ	150 U	12 NJ	8.4 NJ	15	11 NJ
Benzene		µg/m ³	1.0 [1.2]	0.98	1.0	8.2 U	0.86	0.98	1.1	0.93
Benzyl Chloride		µg/m ³	1.0 U [1.0 U]	1.0 U	1.0 U	13 U	1 U	1 U	1 U	1 U
Bromodichloromethane		µg/m ³	1.3 U [1.3 U]	1.3 U	1.3 U	17 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform		µg/m ³	2.1 U [2.1 U]	2.1 U	2.1 U	27 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane		µg/m ³	0.78 U [0.78 U]	0.78 U	0.78 U	10 U	0.78 U	0.78 U	0.78 U	0.78 U
Carbon Disulfide		µg/m ³	1.6 U [0.74 NJ]	1.6 U	1.6 U	20 U	1.6 U	1.6 U	1.6 U	1.6 U
Carbon Tetrachloride		µg/m ³	0.38 J [0.52 J]	0.43	0.47	3.2 U	0.41	0.45	0.43	0.42
Chlorobenzene		µg/m ³	0.37 NJ [0.42 NJ]	0.51 NJ	0.57 NJ	12 U	0.92 U	0.92 U	0.92 U	0.45 NJ
Chloroethane		µg/m ³	1.3 U [1.3 U]	1.3 U	1.3 U	17 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform		µg/m ³	0.98 U [0.98 U]	0.98 U	0.98 U	13 U	0.98 U	0.98 U	0.98 U	0.98 U
Chloromethane		µg/m ³	1.1 [1.3]	1.1	1.1	13 U	1 U	1 U	1.3	1 U
cis-1,2-Dichloroethene		µg/m ³	0.79 U [0.79 U]	0.79 U	0.79 U	10 U	0.79 U	0.79 U	0.79 U	0.79 U
cis-1,3-Dichloropropene		µg/m ³	0.91 U [0.91 U]	0.91 U	0.91 U	12 U	0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane		µg/m ³	55 [64]	64	67	8.7 NJ	2.9	3	6.5	67
Dibromochloromethane		µg/m ³	1.7 U [1.7 U]	1.7 U	1.7 U	22 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane		µg/m ³	2.5 [2.9]	2.4 NJ	2.4 NJ	32 U	2.3 NJ	2.4 NJ	2.6	2.4 NJ
Ethyl acetate		µg/m ³	-	-	-	-	-	-	-	-
Ethylbenzene		µg/m ³	0.51 NJ [0.57 NJ]	0.56 NJ	0.63 NJ	11 U	0.21 NJ	0.24 NJ	0.36 NJ	0.55 NJ
Heptane		µg/m ³	1.6 J [0.93 J]	0.82 U	0.72 NJ	11 U	0.49 NJ	0.82 U	0.82 U	0.53 NJ
Hexachlorobutadiene		µg/m ³	2.1 U [2.1 U]	2.1 U	2.1 U	28 U	2.1 U	2.1 U	2.1 U	2.1 U
Isopropyl alcohol		µg/m ³	200 J [230 J]	340 J	380 J	810	94	76	110 J	400 J
m&p-Xylene		µg/m ³	0.72 NJ [0.82 NJ]	0.46 NJ	0.79 NJ	28 U	0.39 NJ	0.56 NJ	0.79 NJ	0.65 NJ
Methyl tert-butyl ether		µg/m ³	0.72 U [0.72 U]	0.72 U	0.72 U	9.3 U	0.72 U	0.72 U	0.72 U	0.72 U
Methylene Chloride		µg/m ³	5.3 [6.0]	3.8	6.4	1500	39	24	7.5	6.3
n-Hexane		µg/m ³	1.9 J [1.2 J]	0.71	0.94	9.1 U	0.47 NJ	0.48 NJ	0.96	0.71

Table 2. Concentrations of Volatile Organic Compounds in Indoor Air Collected in February 2014 from the Main Building

Location ID: Date Collected:	Area:	Units	IA-VMP-1B 02/12/14 Between Kitting & Molding Storage DOC	IA-VMP-2B 02/12/14 Adjacent to Leadwire Assembly - South	IA-VMP-2C 02/12/14 Adjacent to Cable Assembly	IA-VMP-3A 02/12/14 CET Warehouse	IA-VMP-3B 02/12/14 Near Southeast Side of CET Packaging Area	IA-VMP-3D 02/12/14 Near Southwest Side of Mold Storage	IA-VMP-3E 02/12/14 Mold Storage	IA-VMP-4 02/12/14 Southeast Side of Mold Storage
o-Xylene		µg/m ³	0.25 NJ [0.3 NJ]	0.17 NJ	0.28 NJ	11 U	0.87 U	0.19 NJ	0.21 NJ	0.24 NJ
Propylene		µg/m ³	-	-	-	-	-	-	-	-
Styrene		µg/m ³	0.98 [1.1]	1.8	2.1	11 U	0.85 U	0.28 NJ	0.13 NJ	2
Tetrachloroethene		µg/m ³	0.22 NJ [0.24 NJ]	1.4 U	1.4 U	17 U	0.32 NJ	0.39 NJ	0.39 NJ	1.4 U
Tetrahydrofuran		µg/m ³	15 U [15 U]	15 U	0.95 NJ	20 NJ	15 U	15 U	0.27 NJ	15 U
Toluene		µg/m ³	2.8 [3.2]	2.5	2.9	5.5 NJ	2.1	1.7	3.3	2.7
trans-1,2-Dichloroethene		µg/m ³	0.79 U [0.79 U]	0.79 U	0.79 U	10 U	0.79 U	0.79 U	0.79 U	0.79 U
trans-1,3-Dichloropropene		µg/m ³	0.91 U [0.91 U]	0.91 U	0.91 U	12 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene		µg/m ³	0.21 U [0.21 U]	0.21 U	0.21 U	2.8 U	0.21 U	0.21 U	0.21 U	0.21 U
Trichlorofluoromethane		µg/m ³	3.4 [3.8]	2.4	2.5	14 U	1.4	1.5	1.6	2.5
Vinyl Acetate		µg/m ³	-	-	-	-	-	-	-	-
Vinyl Bromide		µg/m ³	0.87 U [0.87 U]	0.87 U	0.87 U	11 U	0.87 U	0.87 U	0.87 U	0.87 U
Vinyl Chloride		µg/m ³	0.10 U [0.10 U]	0.10 U	0.10 U	1.3 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

* = Recovery or RPD exceeds control limits

B = Compound was found in the blank and sample.

D = Diluted concentration reported.

J = Analyte detected at or below quantitation limits and/or estimated value.

JB = Analyte was detected at or below quantitation limits and/or estimated value and was also detected in the blanks.

NJ = Analyte has been "tentatively identified" and the result is an approximated value.

U = Not detected at the reporting limit.

UJ = Analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is approximate

Table 2. Concentrations of Volatile Organic Compounds in Indoor Air Collected in February 2014 from the Main Building

Location ID: Date Collected:	Area:	Units	IA-VMP-5A 02/12/14 Northwest Utica National	IA-VMP-5B 02/12/14 CET Warehouse	IA-VMP-6A 02/12/14 Central Utica National	IA-VMP-6B 02/12/14 Central Utica National	IA-VMP-7 02/12/14 Between Kitting & Molding Storage DOC	IA-VMP-7A 02/12/14 Southwest Utica National	IA-VMP-8D 02/12/14 Molding/Cable Material Storage
1,1,1-Trichloroethane		µg/m ³	42 U	14 U	16 U	11 U	11 U	11 U	1.1 U
1,1,2,2-Tetrachloroethane		µg/m ³	53 U	18 U	20 U	14 U	14 U	14 U	1.4 U
1,1,2-trichloro-1,2,2-trifluoroethane		µg/m ³	59 U	20 U	23 U	15 U	15 U	15 U	0.49 NJ
1,1,2-Trichloroethane		µg/m ³	42 U	14 U	16 U	11 U	11 U	11 U	1.1 U
1,1-Dichloroethane		µg/m ³	31 U	11 U	12 U	8.1 U	8.1 U	8.1 U	0.81 U
1,1-Dichloroethene		µg/m ³	30 U	10 U	12 U	7.9 U	7.9 U	7.9 U	0.79 U
1,2,4-Trichlorobenzene		µg/m ³	8.3 JB	48 UJ	55 U	37 UJ	37 UJ	37 U	3.7 U
1,2,4-Trimethylbenzene		µg/m ³	38 U	13 U	15 U	9.8 U	9.8 U	9.8 U	0.98 U
1,2-Dibromoethane		µg/m ³	59 U	20 U	23 U	15 U	15 U	15 U	1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane		µg/m ³	54 U	18 U	21 U	14 U	14 U	14 U	1.4 U
1,2-Dichlorobenzene		µg/m ³	46 U	16 U	18 U	12 U	12 U	12 U	1.2 U
1,2-Dichloroethane		µg/m ³	31 U	11 U	12 U	8.1 U	8.1 U	8.1 U	0.81 U
1,2-Dichloropropane		µg/m ³	35 U	12 U	14 U	9.2 U	9.2 U	9.2 U	0.92 U
1,3,5-Trimethylbenzene		µg/m ³	38 U	13 U	15 U	9.8 U	9.8 U	9.8 U	0.98 U
1,3-Butadiene		µg/m ³	17 U	5.8 U	6.5 U	4.4 U	4.4 U	4.4 U	0.3 NJ
1,3-Dichlorobenzene		µg/m ³	46 U	16 U	18 U	12 U	12 U	12 U	1.2 U
1,4-Dichlorobenzene		µg/m ³	46 U	16 U	18 U	12 U	12 U	12 U	1.2 U
1,4-Dioxane		µg/m ³	690 U	230 U	270 U	180 U	180 U	180 U	18 U
2,2,4-Trimethylpentane		µg/m ³	36 U	12 U	14 U	9.3 U	9.3 U	9.3 U	0.93 U
2-Butanone		µg/m ³	56 U	19 U	22 U	15 U	15 U	15 U	5.3
2-Hexanone		µg/m ³	78 U	27 U	30 U	20 U	20 U	20 U	2 U
3-Chloropropene		µg/m ³	60 U	20 U	23 U	16 U	16 U	16 U	1.6 U
4-Ethyltoluene		µg/m ³	38 U	13 U	15 U	9.8 U	9.8 U	9.8 U	0.98 U
4-Methyl-2-pentanone		µg/m ³	78 U	27 U	30 U	20 U	20 U	20 U	2 U
Acetone		µg/m ³	450 U	150 U	180 U	120 U	120 U	120 U	20
Benzene		µg/m ³	24 U	8.3 U	9.5 U	6.4 U	6.4 U	6.4 U	1
Benzyl Chloride		µg/m ³	40 U	13 U	15 U	10 U	10 U	10 U	1 U
Bromodichloromethane		µg/m ³	51 U	17 U	20 U	13 U	13 U	13 U	1.3 U
Bromoform		µg/m ³	79 U	27 U	31 U	21 U	21 U	21 U	2.1 U
Bromomethane		µg/m ³	30 U	10 U	11 U	7.8 U	7.8 U	7.8 U	0.78 U
Carbon Disulfide		µg/m ³	60 U	20 U	23 U	16 U	16 U	16 U	1.6 U
Carbon Tetrachloride		µg/m ³	9.6 U	3.3 U	3.7 U	2.5 U	2.5 U	2.5 U	0.26
Chlorobenzene		µg/m ³	35 U	12 U	14 U	9.2 U	9.2 U	9.2 U	0.92 U
Chloroethane		µg/m ³	51 U	17 U	20 U	13 U	13 U	13 U	1.3 U
Chloroform		µg/m ³	37 U	13 U	14 U	9.8 U	9.8 U	9.8 U	0.98 U
Chloromethane		µg/m ³	40 U	13 U	15 U	10 U	10 U	10 U	1.1
cis-1,2-Dichloroethene		µg/m ³	30 U	10 U	12 U	7.9 U	7.9 U	7.9 U	0.79 U
cis-1,3-Dichloropropene		µg/m ³	35 U	12 U	13 U	9.1 U	9.1 U	9.1 U	0.91 U
Cyclohexane		µg/m ³	26 U	8.3 NJ	11	11	1.9 NJ	5.5 NJ	0.69 U
Dibromochloromethane		µg/m ³	65 U	22 U	25 U	17 U	17 U	17 U	1.7 U
Dichlorodifluoromethane		µg/m ³	95 U	32 U	37 U	25 U	25 U	25 U	2.3 NJ
Ethyl acetate		µg/m ³	-	-	-	-	-	-	-
Ethylbenzene		µg/m ³	33 U	11 U	13 U	8.7 U	8.7 U	8.7 U	0.24 NJ
Heptane		µg/m ³	31 U	11 U	12 U	8.2 U	8.2 U	8.2 U	0.82 U
Hexachlorobutadiene		µg/m ³	82 U	28 U	32 U	21 U	21 UJ	21 U	2.1 U
Isopropyl alcohol		µg/m ³	1700	740	1100	690	320	560	22
m&p-Xylene		µg/m ³	83 U	28 U	32 U	22 U	22 U	22 U	0.64 NJ
Methyl tert-butyl ether		µg/m ³	28 U	9.4 U	11 U	7.2 U	7.2 U	7.2 U	0.72 U
Methylene Chloride		µg/m ³	1600	1500	1100	1300	360	640	1.3 NJ
n-Hexane		µg/m ³	27 U	9.2 U	10 U	7 U	7 U	7 U	0.58 NJ

Table 2. Concentrations of Volatile Organic Compounds in Indoor Air Collected in February 2014 from the Main Building

Location ID: Date Collected:	IA-VMP-5A 02/12/14	IA-VMP-5B 02/12/14	IA-VMP-6A 02/12/14	IA-VMP-6B 02/12/14	IA-VMP-7 02/12/14	IA-VMP-7A 02/12/14	IA-VMP-8D 02/12/14
Area:	Northwest Utica National	CET Warehouse	Central Utica National	Central Utica National	Between Kitting & Molding Storage DOC	Southwest Utica National	Molding/Cable Material Storage
Units							
o-Xylene	33 U	11 U	13 U	8.7 U	8.7 U	8.7 U	0.24 NJ
Propylene	-	-	-	-	-	-	-
Styrene	33 U	11 U	13 U	8.5 U	8.5 U	8.5 U	0.85 U
Tetrachloroethene	52 U	18 U	20 U	14 U	14 U	14 U	1.4 U
Tetrahydrofuran	19 NJ	19 NJ	57 NJ	27 NJ	4.7 NJ	33 NJ	15 U
Toluene	7.1 NJ	5.4 NJ	6.3 NJ	5.6 NJ	2 NJ	7.5 U	8
trans-1,2-Dichloroethene	30 U	10 U	12 U	7.9 U	7.9 U	7.9 U	0.79 U
trans-1,3-Dichloropropene	35 U	12 U	13 U	9.1 U	9.1 U	9.1 U	0.91 U
Trichloroethene	8.2 U	2.8 U	3.2 U	2.1 U	2.1 U	2.1 U	0.21 U
Trichlorofluoromethane	43 U	15 U	17 U	11 U	11 U	11 U	1.2
Vinyl Acetate	-	-	-	-	-	-	-
Vinyl Bromide	34 U	11 U	13 U	8.7 U	8.7 U	8.7 U	0.87 U
Vinyl Chloride	3.9 U	1.3 U	1.5 U	1 U	1 U	1 U	0.1 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

* = Recovery or RPD exceeds control limits

B = Compound was found in the blank and sample.

D = Diluted concentration reported.

J = Analyte detected at or below quantitation limits and/or estimated value.

JB = Analyte was detected at or below quantitation limits and/or estimated value and was also detected in the blanks.

NJ = Analyte has been "tentatively identified" and the result is an approximated value.

U = Not detected at the reporting limit.

UJ = Analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is approximate

Table 3. Concentrations of Volatile Organic Compounds in Outdoor Ambient Air Collected in February 2014

Location ID: Date Collected: Area:	Units	Outdoor Air 2/13/14 Ambient
1,1,1-Trichloroethane	µg/m ³	1.1 U
1,1,2,2-Tetrachloroethane	µg/m ³	1.4 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	0.59 NJ
1,1,2-Trichloroethane	µg/m ³	1.1 U
1,1-Dichloroethane	µg/m ³	0.81 U
1,1-Dichloroethene	µg/m ³	0.79 U
1,2,4-Trichlorobenzene	µg/m ³	3.7 U
1,2,4-Trimethylbenzene	µg/m ³	0.25 NJ
1,2-Dibromoethane	µg/m ³	1.5 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	1.4 U
1,2-Dichlorobenzene	µg/m ³	1.2 U
1,2-Dichloroethane	µg/m ³	0.81 U
1,2-Dichloropropane	µg/m ³	0.92 U
1,3,5-Trimethylbenzene	µg/m ³	0.097 NJ
1,3-Butadiene	µg/m ³	0.44 U
1,3-Dichlorobenzene	µg/m ³	1.2 U
1,4-Dichlorobenzene	µg/m ³	1.2 U
1,4-Dioxane	µg/m ³	18 U
2,2,4-Trimethylpentane	µg/m ³	0.72 NJ
2-Butanone	µg/m ³	1.5 U
2-Hexanone	µg/m ³	2 U
3-Chloropropene	µg/m ³	1.6 U
4-Ethyltoluene	µg/m ³	0.11 NJ
4-Methyl-2-pentanone	µg/m ³	2 U
Acetone	µg/m ³	9.6 NJ
Benzene	µg/m ³	1.4
Benzyl Chloride	µg/m ³	1 U
Bromodichloromethane	µg/m ³	1.3 U
Bromoform	µg/m ³	2.1 U
Bromomethane	µg/m ³	0.78 U
Carbon Disulfide	µg/m ³	1.6 U
Carbon Tetrachloride	µg/m ³	0.47
Chlorobenzene	µg/m ³	0.92 U
Chloroethane	µg/m ³	1.3 U
Chloroform	µg/m ³	0.98 U
Chloromethane	µg/m ³	1.1
cis-1,2-Dichloroethene	µg/m ³	0.79 U
cis-1,3-Dichloropropene	µg/m ³	0.91 U
Cyclohexane	µg/m ³	0.3 NJ
Dibromochloromethane	µg/m ³	1.7 U
Dichlorodifluoromethane	µg/m ³	2.5
Ethyl acetate	µg/m ³	-
Ethylbenzene	µg/m ³	0.33 NJ
Heptane	µg/m ³	1.4
Hexachlorobutadiene	µg/m ³	2.1 U
Isopropyl alcohol	µg/m ³	5.8 NJ
m&p-Xylene	µg/m ³	0.96 NJ
Methyl tert-butyl ether	µg/m ³	0.72 U
Methylene Chloride	µg/m ³	1.7 U
n-Hexane	µg/m ³	1.8
o-Xylene	µg/m ³	0.31 NJ
Propylene	µg/m ³	-
Styrene	µg/m ³	0.85 U
Tetrachloroethene	µg/m ³	1.4 U
Tetrahydrofuran	µg/m ³	15 U
Toluene	µg/m ³	1.9

Table 3. Concentrations of Volatile Organic Compounds in Outdoor Ambient Air Collected in February 2014

Location ID: Date Collected: Area:	Units	Outdoor Air 2/13/14 Ambient
trans-1,2-Dichloroethene	µg/m ³	0.79 U
trans-1,3-Dichloropropene	µg/m ³	0.91 U
Trichloroethene	µg/m ³	0.84
Trichlorofluoromethane	µg/m ³	1.2
Vinyl Acetate	µg/m ³	-
Vinyl Bromide	µg/m ³	0.87 U
Vinyl Chloride	µg/m ³	0.1 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

NJ = Analyte has been "tentatively identified" and the result is an approximated value.

J = Analyte detected at or below quantitation limits and/or estimated value.

U = Not detected at the reporting limit.

Table 5. Matrix Evaluation of VI Data February 2014

Location ID: Sample Type: Date Collected:	Units	VMP-1B Sub-slab Soil Vapor 02/12/14	VMP-1B Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	1.1 U	1.1 U [1.1 U]	No further action
1,1-Dichloroethene	ug/m3	0.41 NJ	0.79 U [0.79 U]	No further action
Carbon Tetrachloride	ug/m3	0.65	0.38 J [0.52 J]	Background [a]
cis-1,2-Dichloroethene	ug/m3	0.93	0.79 U [0.79 U]	No further action
Tetrachloroethene	ug/m3	6.0	0.22 NJ [0.24 NJ]	No further action
Trichloroethene	ug/m3	4.1	0.21 U [0.21 U]	No further action
Vinyl Chloride	ug/m3	0.27	0.10 U [0.10 U]	No further action

Location ID: Sample Type: Date Collected:	Units	VMP-2B Sub-slab Soil Vapor 02/12/14	VMP-2B Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	72	1.1 U	No further action
1,1-Dichloroethene	ug/m3	2.0 U	0.79 U	No further action
Carbon Tetrachloride	ug/m3	0.63 U	0.43	Background [a]
cis-1,2-Dichloroethene	ug/m3	2.0 U	0.79 U	No further action
Tetrachloroethene	ug/m3	2.4 NJ	1.4 U	No further action
Trichloroethene	ug/m3	23	0.21 U	No further action
Vinyl Chloride	ug/m3	0.26 U	0.1 U	No further action

Location ID: Sample Type: Date Collected:	Units	VMP-2C Sub-slab Soil Vapor 02/12/14	VMP-2C Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	1.9	1.1 U	No further action
1,1-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Carbon Tetrachloride	ug/m3	0.34	0.47	Background [a]
cis-1,2-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Tetrachloroethene	ug/m3	0.30 NJ	1.4 U	No further action
Trichloroethene	ug/m3	0.14 NJ	0.21 U	No further action
Vinyl Chloride	ug/m3	0.10 U	0.1 U	No further action

Location ID: Sample Type: Date Collected:	Units	VMP-3A Sub-slab Soil Vapor 02/12/14	VMP-3A Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	22 U	14 U	Background [a]
1,1-Dichloroethene	ug/m3	16 U	10 U	Background [a]
Carbon Tetrachloride	ug/m3	5.1 U ^A 2.7 U ^B	3.2 U	Background [a] ^C
cis-1,2-Dichloroethene	ug/m3	16 U	10 U	Background [a]
Tetrachloroethene	ug/m3	27 U	17 U	Background [a]
Trichloroethene	ug/m3	4.3 U	2.8 U	Background [a]
Vinyl Chloride	ug/m3	2.1 U	1.3 U	Background [a]

Location ID: Sample Type: Date Collected:	Units	VMP-3B Sub-slab Soil Vapor 02/12/14	VMP-3B Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	1.1 U	1.1 U	No further action
1,1-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Carbon Tetrachloride	ug/m3	0.22 NJ	0.41	Background [a]
cis-1,2-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Tetrachloroethene	ug/m3	1.4 U	0.32 NJ	No further action
Trichloroethene	ug/m3	0.21 U	0.21 U	No further action
Vinyl Chloride	ug/m3	0.10 U	0.1 U	No further action

Table 5. Matrix Evaluation of VI Data February 2014

Location ID: Sample Type: Date Collected:	Units	VMP-3D Sub-slab Soil Vapor 02/12/14	VMP-3D Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	1.1 U	1.1 U	No further action
1,1-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Carbon Tetrachloride	ug/m3	0.36	0.45	Background [a]
cis-1,2-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Tetrachloroethene	ug/m3	0.14 NJ	0.39 NJ	No further action
Trichloroethene	ug/m3	0.21 U	0.21 U	No further action
Vinyl Chloride	ug/m3	0.10 U	0.1 U	No further action

Location ID: Sample Type: Date Collected:	Units	VMP-3E Sub-slab Soil Vapor 02/12/14	VMP-3E Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	1.1 U	1.1 U	No further action
1,1-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Carbon Tetrachloride	ug/m3	0.41	0.43	Background [a]
cis-1,2-Dichloroethene	ug/m3	0.79 U	0.79 U	No further action
Tetrachloroethene	ug/m3	0.87 NJ	0.39 NJ	No further action
Trichloroethene	ug/m3	0.20 NJ	0.21 U	No further action
Vinyl Chloride	ug/m3	0.10 U	0.1 U	No further action

Location ID: Sample Type: Date Collected:	Units	VMP-4 Sub-slab Soil Vapor 02/12/14	VMP-4 Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	2.2 U	1.1 U	No further action
1,1-Dichloroethene	ug/m3	1.6 U	0.79 U	No further action
Carbon Tetrachloride	ug/m3	0.50 U	0.42	Background [a]
cis-1,2-Dichloroethene	ug/m3	1.6 U	0.79 U	No further action
Tetrachloroethene	ug/m3	3.3	1.4 U	No further action
Trichloroethene	ug/m3	0.43 U	0.21 U	No further action
Vinyl Chloride	ug/m3	0.20 U	0.1 U	No further action

Location ID: Sample Type: Date Collected:	Units	VMP-5A Sub-slab Soil Vapor 02/12/14	VMP-5A Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	12	42 U	Background [a]
1,1-Dichloroethene	ug/m3	4.5 U	30 U	Background [a]
Carbon Tetrachloride	ug/m3	1.4 U	9.6 U	Background [a]
cis-1,2-Dichloroethene	ug/m3	4.5 U	30 U	Background [a]
Tetrachloroethene	ug/m3	16	52 U	Background [a]
Trichloroethene	ug/m3	26	8.2 U ^A 4.9 U ^B	Monitor ^C
Vinyl Chloride	ug/m3	0.58 U	3.9 U	Background [a]

Location ID: Sample Type: Date Collected:	Units	VMP-5B Sub-slab Soil Vapor 02/12/14	VMP-5B Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	7.5 U	14 U	Background [a]
1,1-Dichloroethene	ug/m3	5.5 U	10 U	Background [a]
Carbon Tetrachloride	ug/m3	1.7 U	3.3 U	Background [a]
cis-1,2-Dichloroethene	ug/m3	5.5 U	10 U	Background [a]
Tetrachloroethene	ug/m3	9.4 U	18 U	Background [a]
Trichloroethene	ug/m3	1.5 U	2.8 U	Background [a]
Vinyl Chloride	ug/m3	0.71 U	1.3 U	Background [a]

Table 5. Matrix Evaluation of VI Data February 2014

Location ID: Sample Type: Date Collected:	Units	VMP-6A Sub-slab Soil Vapor 02/12/14	VMP-6A Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	19	16 U	Background [a]
1,1-Dichloroethene	ug/m3	7.9 U	12 U	Background [a]
Carbon Tetrachloride	ug/m3	2.5 U	3.7 U	Background [a]
cis-1,2-Dichloroethene	ug/m3	7.9 U	12 U	Background [a]
Tetrachloroethene	ug/m3	14 U	20 U	Background [a]
Trichloroethene	ug/m3	11	3.2 U	Monitor
Vinyl Chloride	ug/m3	1.0 U	1.5 U	Background [a]

Location ID: Sample Type: Date Collected:	Units	VMP-6B Sub-slab Soil Vapor 02/12/14	VMP-6B Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	11 U	11 U	Background [a]
1,1-Dichloroethene	ug/m3	7.9 U	7.9 U	Background [a]
Carbon Tetrachloride	ug/m3	2.3 NJ	2.5 U	Background [a]
cis-1,2-Dichloroethene	ug/m3	7.9 U	7.9 U	Background [a]
Tetrachloroethene	ug/m3	11 NJ	14 U	Background [a]
Trichloroethene	ug/m3	2.1 NJ	2.1 U	Background [a]
Vinyl Chloride	ug/m3	1.0 U	1 U	Background [a]

Location ID: Sample Type: Date Collected:	Units	VMP-7 Sub-slab Soil Vapor 02/12/14	VMP-7 Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	8.7 U	11 U	Background [a]
1,1-Dichloroethene	ug/m3	6.3 U	7.9 U	Background [a]
Carbon Tetrachloride	ug/m3	2.0 U	2.5 U	Background [a]
cis-1,2-Dichloroethene	ug/m3	6.3 U	7.9 U	Background [a]
Tetrachloroethene	ug/m3	11 U	14 U	Background [a]
Trichloroethene	ug/m3	1.7 U	2.1 U	Background [a]
Vinyl Chloride	ug/m3	0.82 U	1 U	Background [a]

Location ID: Sample Type: Date Collected:	Units	VMP-7A Sub-slab Soil Vapor 02/12/14	VMP-7A Indoor Air 02/12/14	Matrix Output
1,1,1-Trichloroethane	ug/m3	7.0 J [10 U]	11 U	Background [a]
1,1-Dichloroethene	ug/m3	5.9 U [5.9 U]	7.9 U	Background [a]
Carbon Tetrachloride	ug/m3	1.9 U [1.9 U]	2.5 U	Background [a]
cis-1,2-Dichloroethene	ug/m3	5.9 U [5.9 U]	7.9 U	Background [a]
Tetrachloroethene	ug/m3	10 U [10 U]	14 U	Background [a]
Trichloroethene	ug/m3	14 J [21 J]	2.1 U	Monitor
Vinyl Chloride	ug/m3	0.77 U [0.76 U]	1 U	Background [a]

Table 5. Matrix Evaluation of VI Data February 2014

Location ID: Sample Type: Date Collected:	Units	VMP-7B Sub-slab Soil Vapor 02/13/14	VMP-7B Indoor Air -	Matrix* Output
1,1,1-Trichloroethane	ug/m3	26 U	NS	-
1,1-Dichloroethene	ug/m3	19 U	NS	-
Carbon Tetrachloride	ug/m3	6.0 U	NS	-
cis-1,2-Dichloroethene	ug/m3	19 U	NS	-
Tetrachloroethene	ug/m3	32 U	NS	-
Trichloroethene	ug/m3	5.1 U	NS	-
Vinyl Chloride	ug/m3	2.4 U	NS	-

Location ID: Sample Type: Date Collected:	Units	VMP-8D Sub-slab Soil Vapor -	VMP-8D Indoor Air 02/12/14	Matrix* Output
1,1,1-Trichloroethane	ug/m3	NS	1.1 U	-
1,1-Dichloroethene	ug/m3	NS	0.79 U	-
Carbon Tetrachloride	ug/m3	NS	0.26	-
cis-1,2-Dichloroethene	ug/m3	NS	0.79 U	-
Tetrachloroethene	ug/m3	NS	1.4 U	-
Trichloroethene	ug/m3	NS	0.21 U	-
Vinyl Chloride	ug/m3	NS	0.1 U	-

Notes:

* The canister placed at VMP-8D did not collect any sub-slab vapor, therefore no sample was analyzed; a sub-slab sample was taken from VMP-7B the following day. Because the indoor air and sub-slab sample were not taken at the same location, the NYSDOH guidance cannot be applied as they are not considered a pair.

^A = Analyte reporting limit

^B = Analyte method detection limit

^C = NYSDOH matrix output based on analyte method detection limit

[a] Take reasonable and practical actions to identify source(s) and reduce exposures.

µg/m³ = Micrograms per cubic meter.

J = Analyte detected at or below quantitation limits and/or estimated value.

NJ = Analyte has been "tentatively identified" and the result is an approximated value.

NS = not sampled

U = Not detected at the reporting limit.

[1.0 U] = Duplicate results in brackets.

Table 6. Comparison of 2009 through 2014 Actions Using NYSDOH Matrices

Constituent	VMP-1A					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	Did not sample this location in 2011	Did not sample this location in 2012	Did not sample this location in 2013	Did not sample this location in 2014
1,1-Dichloroethene	No Further Action	No Further Action				
Carbon Tetrachloride	Background [a]	No Further Action				
cis-1,2-Dichloroethene	No Further Action	No Further Action				
Tetrachloroethene	No Further Action	No Further Action				
Trichloroethene	Monitor	Background [a]				
Vinyl Chloride	No Further Action	No Further Action				

Constituent	VMP-1B					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No further action	No further action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Trichloroethene	Monitor	Background [a]	Background [a]	No further action	Background [a]	No further action
Vinyl Chloride	No Further Action	No Further Action	No further action	No further action	No further action	No further action

Constituent	VMP-1C					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	Did not sample this location in 2011	Did not sample this location in 2012	Did not sample this location in 2013	Did not sample this location in 2014
1,1-Dichloroethene	No Further Action	No Further Action				
Carbon Tetrachloride	Background [a]	Background [a]				
cis-1,2-Dichloroethene	No Further Action	No Further Action				
Tetrachloroethene	No Further Action	No Further Action				
Trichloroethene	Background [a]	Background [a]				
Vinyl Chloride	No Further Action	No Further Action				

Constituent	VMP-2A					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	Did not sample this location in 2011	Did not sample this location in 2012	Did not sample this location in 2013	Did not sample this location in 2014
1,1-Dichloroethene	No Further Action	No Further Action				
Carbon Tetrachloride	Background [a]	Background [a]				
cis-1,2-Dichloroethene	No Further Action	No Further Action				
Tetrachloroethene	No Further Action	No Further Action				
Trichloroethene	Background [a]	Background [a]				
Vinyl Chloride	No Further Action	No Further Action				

Constituent	VMP-2B					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No further action	No further action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Trichloroethene	Background [a]	Background [a]	Monitor	No further action	Background [a]	No further action
Vinyl Chloride	No Further Action	No Further Action	No further action	No further action	No further action	No further action

Table 6. Comparison of 2009 through 2014 Actions Using NYSDOH Matrices

Constituent	VMP-2C					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No further action	No further action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Trichloroethene	Background [a]	Background [a]	Background [a]	No further action	Background [a]	No further action
Vinyl Chloride	No Further Action	No Further Action	No further action	No further action	No further action	No further action

Constituent	VMP-3A					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Monitor	No Further Action	No further action	No further action	No further action	Background [a]
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	Background [a]
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a] ^c
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	Background [a]
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	Background [a]
Trichloroethene	Mitigate	Mitigate	Background [a]	No further action	Background [a]	Background [a]
Vinyl Chloride	No Further Action	No Further Action	No further action	No further action	No further action	Background [a]

Constituent	VMP-3B					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No further action	No further action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Trichloroethene	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	No further action
Vinyl Chloride	No Further Action	No Further Action	No further action	No further action	No further action	No further action

Constituent	VMP-3C					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	Did not sample this location in 2011	Did not sample this location in 2012	Did not sample this location in 2013	Did not sample this location in 2014
1,1-Dichloroethene	No Further Action	No Further Action				
Carbon Tetrachloride	Background [a]	Background [a]				
cis-1,2-Dichloroethene	No Further Action	No Further Action				
Tetrachloroethene	No Further Action	No Further Action				
Trichloroethene	Background [a]	Background [a]				
Vinyl Chloride	No Further Action	No Further Action				

Constituent	VMP-3D					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No further action	No further action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Trichloroethene	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	No further action
Vinyl Chloride	No Further Action	Background [a]	No further action	No further action	No further action	No further action

Table 6. Comparison of 2009 through 2014 Actions Using NYSDOH Matrices

Constituent	VMP-3E					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No further action	No further action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No further action	No further action	No further action	No further action
Trichloroethene	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	No further action
Vinyl Chloride	No Further Action	No Further Action	No further action	No further action	No further action	No further action

Constituent	VMP-4					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	No Further Action	No Further Action	No Further Action	No Further Action	No further action	No further action
1,1-Dichloroethene	No Further Action	No Further Action	No Further Action	No Further Action	No further action	No further action
Carbon Tetrachloride	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene	No Further Action	No Further Action	No Further Action	No Further Action	No further action	No further action
Tetrachloroethene	No Further Action	No Further Action	No Further Action	No Further Action	No further action	No further action
Trichloroethene	Background [a]	Background [a]	Background [a]	No Further Action	Background [a]	No further action
Vinyl Chloride	No Further Action	No Further Action	No Further Action	No Further Action	No further action	No further action

Constituent	VMP-5A					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	No Further Action	No Further Action	No further action	Background [a]
1,1-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Carbon Tetrachloride			Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Tetrachloroethene			No Further Action	No Further Action	No further action	Background [a]
Trichloroethene			Background [a]	No Further Action	Background [a]	Monitor ^C
Vinyl Chloride			No Further Action	No Further Action	No further action	Background [a]

Constituent	VMP-5B					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	No Further Action	No Further Action	No further action	Background [a]
1,1-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Carbon Tetrachloride			Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Tetrachloroethene			No Further Action	No Further Action	No further action	Background [a]
Trichloroethene			Background [a]	Background [a]	Background [a]	Background [a]
Vinyl Chloride			No Further Action	No Further Action	No further action	Background [a]

Constituent	VMP-6					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	No Further Action	No Further Action	No further action	Did not sample this location in 2014
1,1-Dichloroethene			No Further Action	No Further Action	No further action	
Carbon Tetrachloride			Background [a]	Background [a]	Background [a]	
cis-1,2-Dichloroethene			No Further Action	No Further Action	No further action	
Tetrachloroethene			No Further Action	No Further Action	No further action	
Trichloroethene			Background [a]	Background [a]	No further action	
Vinyl Chloride			No Further Action	No Further Action	No further action	

Table 6. Comparison of 2009 through 2014 Actions Using NYSDOH Matrices

Constituent	VMP-6A					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	No Further Action	No Further Action	No further action	Background [a]
1,1-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Carbon Tetrachloride			Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Tetrachloroethene			No Further Action	No Further Action	No further action	Background [a]
Trichloroethene			Background [a]	Monitor / Mitigate	Background [a]	Monitor
Vinyl Chloride			No Further Action	No Further Action	No further action	Background [a]

Constituent	VMP-6B					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	Did not sample this location in 2011	Did not sample this location in 2012	No further action	Background [a]
1,1-Dichloroethene					No further action	Background [a]
Carbon Tetrachloride					Background [a]	Background [a]
cis-1,2-Dichloroethene					No further action	Background [a]
Tetrachloroethene					No further action	Background [a]
Trichloroethene					Background [a]	Background [a]
Vinyl Chloride					No further action	Background [a]

Constituent	VMP-7					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	No Further Action	No Further Action	No further action	Background [a]
1,1-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Carbon Tetrachloride			Background [a]	Background [a]	Background [a]	Background [a]
cis-1,2-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Tetrachloroethene			No Further Action	No Further Action	No further action	Background [a]
Trichloroethene			Background [a]	No Further Action	Background [a]	Background [a]
Vinyl Chloride			No Further Action	No Further Action	No further action	Background [a]

Constituent	VMP-7A					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	No Further Action	No Further Action	No further action	Background [a]
1,1-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Carbon Tetrachloride			Background [a]	No Further Action	Background [a]	Background [a]
cis-1,2-Dichloroethene			No Further Action	No Further Action	No further action	Background [a]
Tetrachloroethene			No Further Action	No Further Action	No further action	Background [a]
Trichloroethene			Mitigate	Monitor	Monitor	Monitor
Vinyl Chloride			No Further Action	No Further Action	No further action	Background [a]

Constituent	VMP-7B					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	Did not sample this location in 2011	Did not sample this location in 2011	Did not sample this location in 2011	-
1,1-Dichloroethene						-
Carbon Tetrachloride						-
cis-1,2-Dichloroethene						-
Tetrachloroethene						-
Trichloroethene						-
Vinyl Chloride						-

Table 6. Comparison of 2009 through 2014 Actions Using NYSDOH Matrices

Constituent	VMP-GS1					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	No further action	Did not sample this location in 2011	Did not sample this location in 2012	No further action	Did not sample this location in 2014
1,1-Dichloroethene		No further action			No further action	
Carbon Tetrachloride		Background [a]			Background [a]	
cis-1,2-Dichloroethene		No further action			No further action	
Tetrachloroethene		No further action			No further action	
Trichloroethene		Background [a]			Background [a]	
Vinyl Chloride		No further action			No further action	

Constituent	VMP-8D					
	2009 Sampling Matrix Result	2010 Sampling Matrix Result	2011 Sampling Matrix Result	2012 Sampling Matrix Result	2013 Sampling Matrix Result	2014 Sampling Matrix Result
1,1,1-Trichloroethane	Did not sample this location in 2009	Did not sample this location in 2010	Did not sample this location in 2011	Did not sample this location in 2012	Did not sample this location in 2013	-
1,1-Dichloroethene						-
Carbon Tetrachloride						-
cis-1,2-Dichloroethene						-
Tetrachloroethene						-
Trichloroethene						-
Vinyl Chloride						-

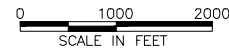
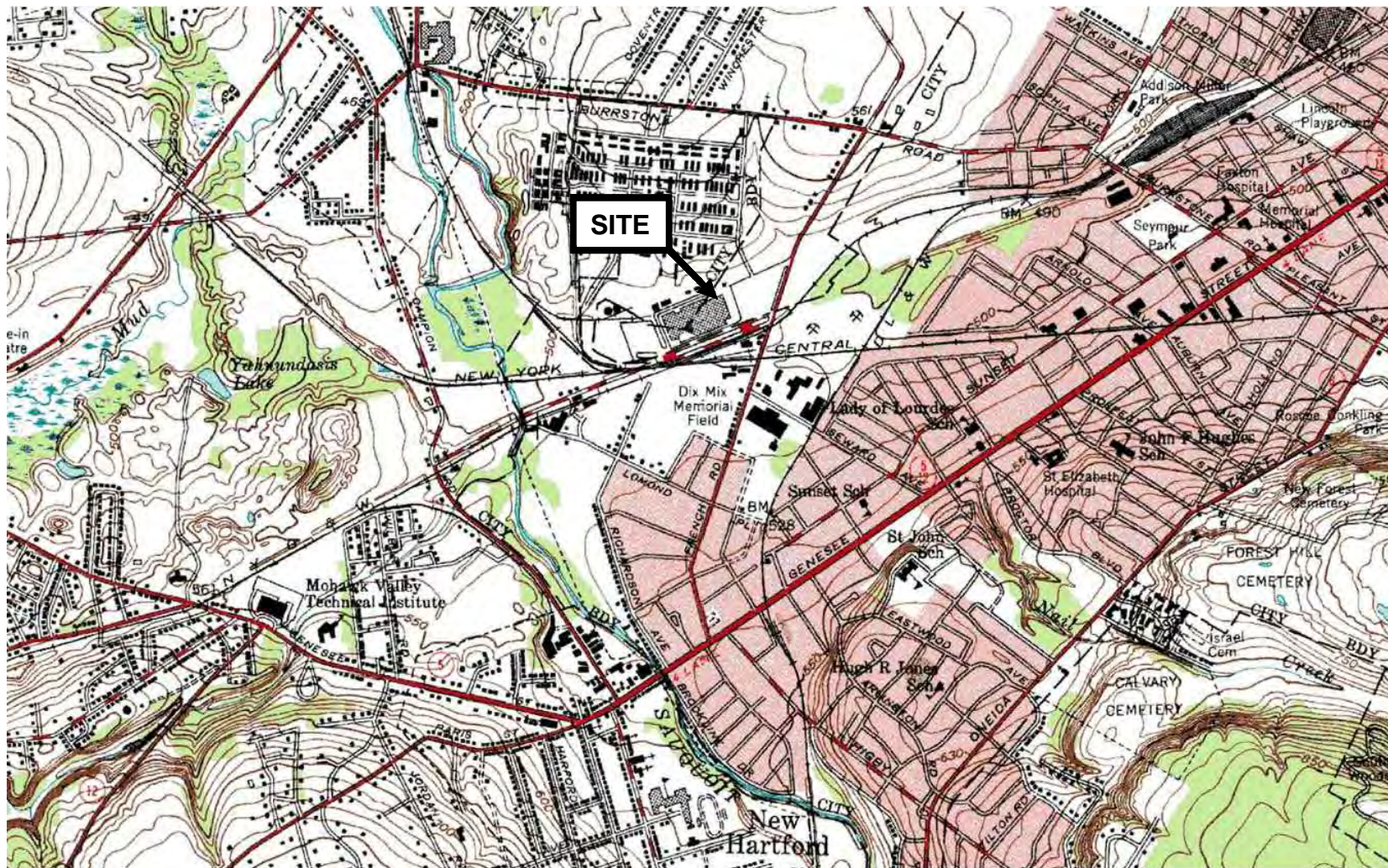
Notes:

[a] Take reasonable and practical actions to identify source(s) and reduce exposures.

^c = NYSDOH matrix output based on analyte method detection limit

NYSDOH = New York State Department of Health.

FIGURES

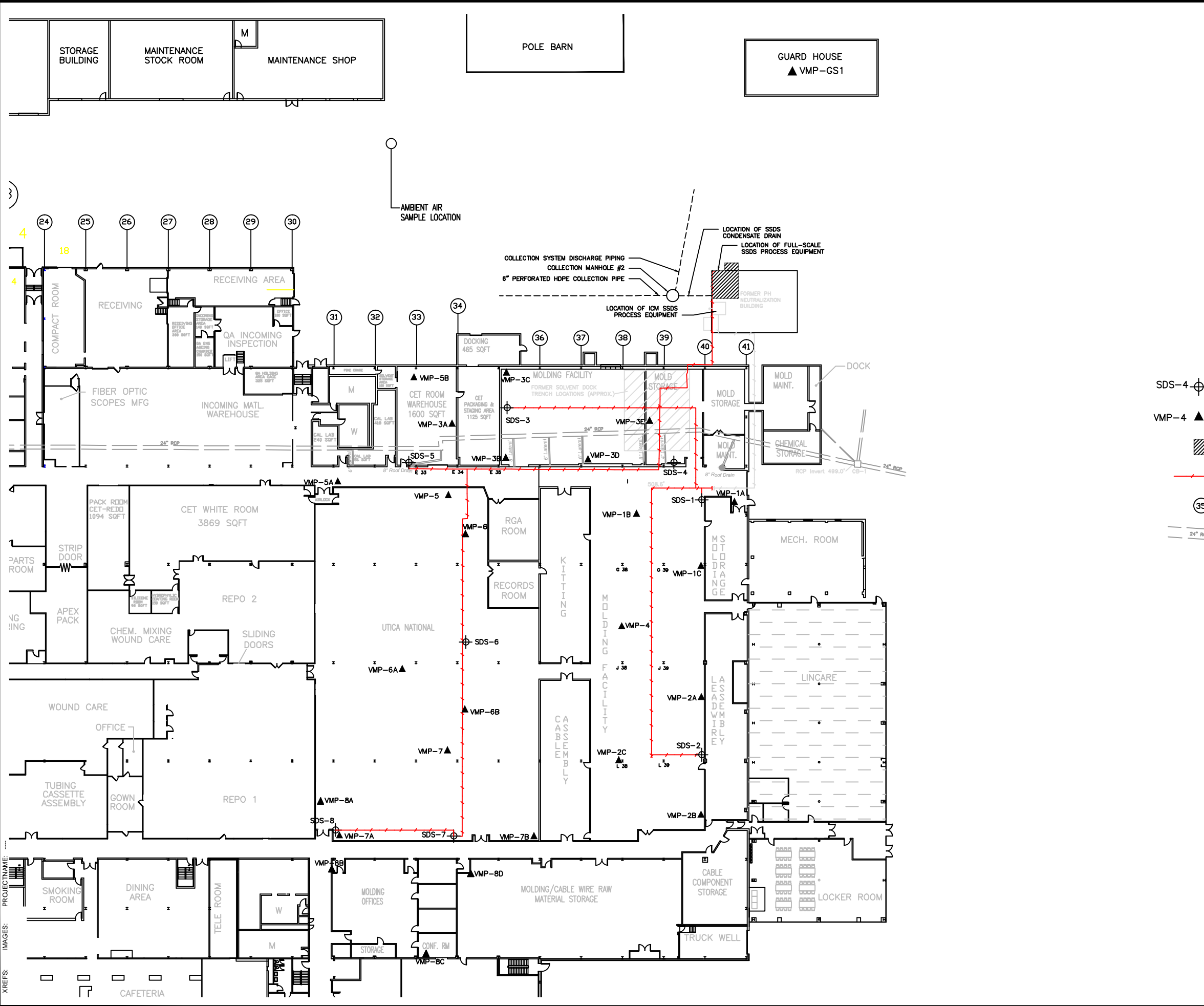


FORMER LOCKHEED MARTIN FRENCH ROAD FACILITY
UTICA, NEW YORK
2014 ANNUAL VAPOR INTRUSION STUDY REPORT
FOR THE SOLVENT DOCK AREA

SITE LOCATION MAP

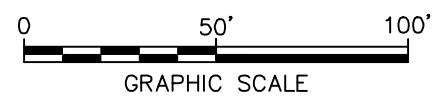


CITY:MAHWAH NJ\SYRACUSE DIV\GROUP:141\ENV\CAD DB\JG_LIP(SYR)_W\J(SYR)_LD\Op1 PIC(Cop) PM:CMOTTA TM(Cop) L:\R\CH\ONL-OFF-REF- LAYOUT: 2 SAVED: 3/24/2014 12:24 PM ACADVER: 18.1.15 (LMS TECH) PAGESETUP: PLOTSTYLETABLE: PLOTTED: 3/24/2014 12:25 PM BY: IESS, ANDY



- LEGEND:**
- SDS-4 LOCATION OF SUBSLAB DEPRESSURIZATION SUMP (SDS)
 - VMP-4 PERMANENT VAPOR MONITORING POINT (VMP)
 - LOCATION OF SUBSLAB DEPRESSURIZATION SYSTEM EQUIPMENT
 - LOCATION OF SUBSLAB DEPRESSURIZATION ABOVE GRADE PIPING
 - BUILDING COLUMN LINE IDENTIFICATION
 - ACTIVE FACILITY STORM SEWER

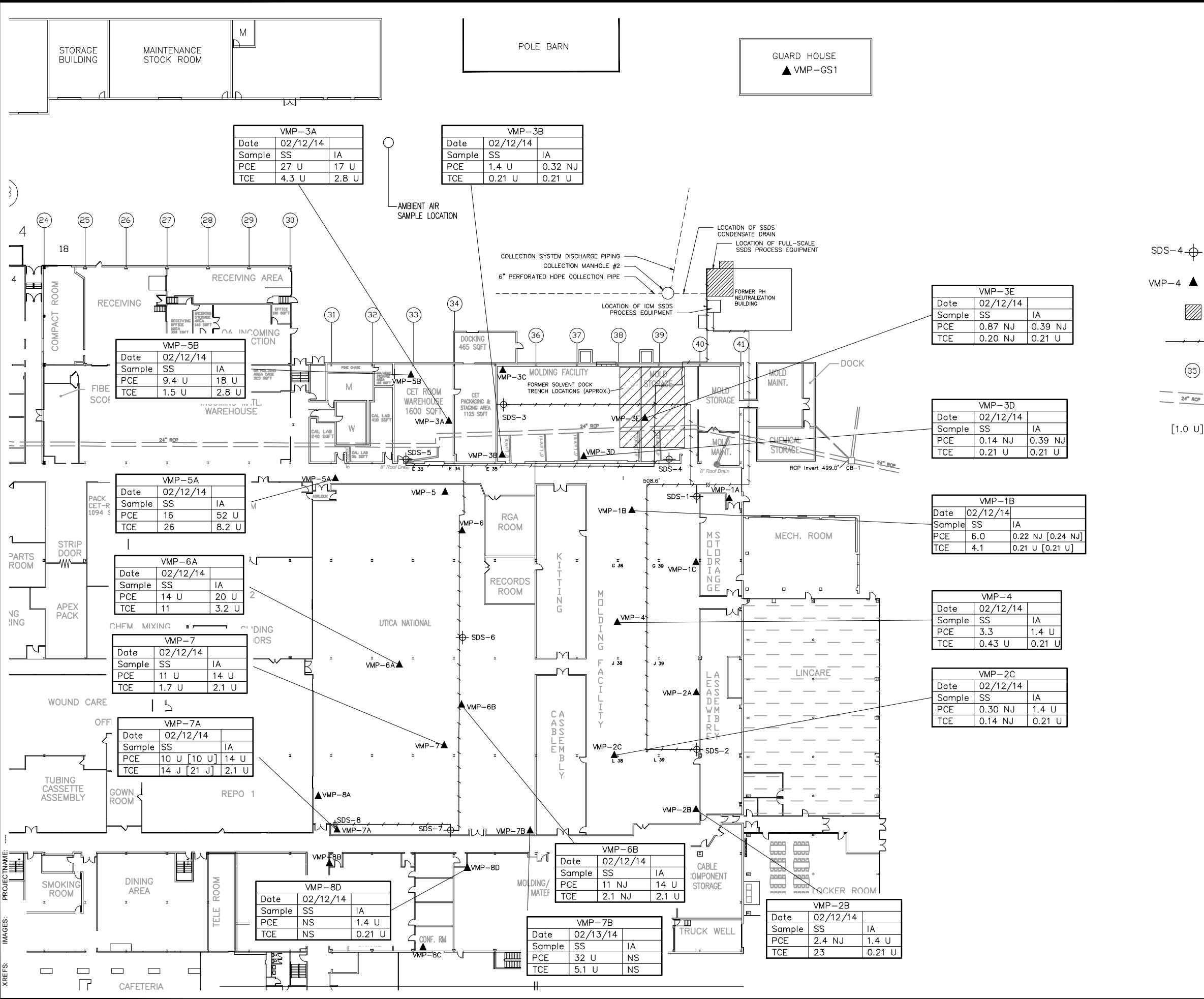
- NOTES:**
1. BASE DRAWING SOURCE: CONMED, TITLE: FRENCH ROAD BLOCK PLAN PROPOSED SPACE UTILIZATION, DRAWING NO:FR001, DATE: 01/28/94. CONMED SOURCE DRAWING: LOCKHEED MARTIN DRAWING NUMBER RFABLK.DWG JEG 31OCT94.



FORMER LOCKHEED MARTIN FRENCH ROAD FACILITY
UTICA, NEW YORK
2014 ANNUAL VAPOR INTRUSION STUDY REPORT FOR THE
SOLVENT DOCK AREA

SITE PLAN AND SYSTEM LAYOUT

CITY: MAHWAH, NJ; PROJECT: DIV: GROUNDWORK; DB: JG; LIP(SYR); WJL(SYR); LD(Opt); PIC(Opt); PM: C.MOTTA; TM(Opt); LVR(Opt); OFF=REF; LAYOUT: 3; SAVER: 3/24/2014 2:08 PM; ACADVER: 18.1S; LMS(Tech); PAGES: 18; PLOTSTYLE: STANTEC_MONO_HALF.CTB; PLOTTED: 3/24/2014 2:15 PM; BY: LESS, ANDY; XREFS: PROJECTNAME:



LEGEND:

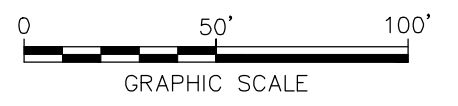
- SDS-4 LOCATION OF SUBSLAB DEPRESSURIZATION SUMP (SDS)
- VMP-4 PERMANENT VAPOR MONITORING POINT (VMP)
- LOCATION OF SUBSLAB DEPRESSURIZATION SYSTEM EQUIPMENT
- LOCATION OF SUBSLAB DEPRESSURIZATION ABOVE GRADE PIPING
- BUILDING COLUMN LINE IDENTIFICATION
- ACTIVE FACILITY STORM SEWER
- [1.0 U] DUPLICATE RESULTS PRESENTED IN BRACKETS

ABBREVIATIONS:

- U ANALYTE NOT DETECTED AT OR BELOW THE REPORTING LIMIT
- J ANALYTE DETECTED AT OR BELOW THE QUANTITATION LIMITS AND/OR ESTIMATED VALUE
- NJ ANALYTE HAS BEEN "TENTATIVELY IDENTIFIED" AND THE RESULT IS AN APPROXIMATE VALUE
- NS NOT SAMPLED

NOTES:

1. BASE DRAWING SOURCE: CONMED, TITLE: FRENCH ROAD BLOCK PLAN PROPOSED SPACE UTILIZATION, DRAWING NO: FRO01, DATE: 01/28/94. CONMED SOURCE DRAWING: LOCKHEED MARTIN DRAWING NUMBER RFABLK.DWG JEG 310CT94.
2. ANALYTICAL RESULTS REPORTED IN MICROGRAMS PER CUBIC METER ($\mu\text{g}/\text{m}^3$).



FORMER LOCKHEED MARTIN FRENCH ROAD FACILITY
 UTICA, NEW YORK
 2014 ANNUAL VAPOR INTRUSION STUDY REPORT
 FOR THE SOLVENT DOCK AREA

FEBRUARY 2014 SUB-SLAB/INDOOR AIR
 SAMPLE LOCATIONS AND
 ANALYTICAL RESULTS

FIGURE
3

APPENDIX A

Historical Data Summary

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		IA-1 06B07713	IA-3 06B07716	IA-4 06B07701	IA-5 06B07703	IA-6 06B07714	IA-7 06B07711	IA-8 06B07707
Date Collected: Sample Type Field Notes:		02/26/06 Indoor Air	02/26/06 Indoor Air	02/26/06 Indoor Air	02/26/06 Indoor Air	02/26/06 Indoor Air	02/26/06 Indoor Air	02/26/06 Indoor Air
1,1,1-Trichloroethane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U
1,1,2,2-Tetrachloroethane	ug/m ³	0.90 U	0.90 U	0.90 U	0.90 U [0.90 U]	0.90 U	0.90 U	0.90 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/m ³	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/m ³	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ug/m ³	18	13	2.0	8.7 [9.4]	10	11	17
1,2-Dibromoethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ug/m ³	4.8	4.0	2.0 U	2.6 [2.6]	3.0	3.3	4.7
1,3-Butadiene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/m ³	1.0	2.5 U	0.80 U	0.80 U [0.80 U]	2.5 U	0.80 U	0.80 U
1,4-Dichlorobenzene	ug/m ³	2.5 U	2.5 U	6.5	2.5 U [2.5 U]	2.5 U	2.5 U	2.5 U
1,4-Dioxane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
2,2,4-Trimethylpentane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ug/m ³	2.1	9.6	3.4	3.2 [6.1]	5.1	2.0	2.8
2-Hexanone	ug/m ³	1.7 U	1.8	0.50 U	0.50 U [0.50 U]	1.7 U	1.7 U	0.50 U
3-Chloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	ug/m ³	4.3	4.7	2.0 U	2.5 [2.8]	3.8	3.3	4.2
4-Methyl-2-pentanone	ug/m ³	0.50 U	0.50 U	1.7 U	3.4 [4.6]	1.8	0.50 U	1.7 U
Acetone	ug/m ³	44	22	110	50 [66]	66	130	100
Benzene	ug/m ³	1.9	1.4	0.40 U	0.40 U [0.40 U]	1.6	1.4	1.7
Benzyl Chloride	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Bromoform	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]	0.40 U	0.40 U	0.40 U
Carbon Tetrachloride	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U
Chloromethane	ug/m ³	1.3	0.90	1.3	1.1 [1.2]	0.90	1.0	1.1
cis-1,2-Dichloroethene	ug/m ³	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	ug/m ³	17	1.4 U	9.4	9.8 [9.0]	1.4 U	1.4 U	8.7
Dibromochloromethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/m ³	2.7	5.3	2.8	2.7 [2.9]	3.3	1.9	2.7
Ethyl acetate	ug/m ³	0.50 U	0.50 U	0.50 U	0.50 U [0.50 U]	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/m ³	9.7	9.9	1.8 U	4.9 [4.7]	9.2	9.3	12
Heptane	ug/m ³	6.9	2.7	6.5	2.0 [1.8]	3.0	3.3	3.2
Hexachlorobutadiene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropanol	ug/m ³	46	180	130	200 [280]	290	140	79
Isopropyl alcohol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	ug/m ³	41	37	4.1	21 [21]	32	34	47
Methyl tert-butyl ether	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/m ³	3.9	0.80 U	5.9	5.6 [5.1]	2.1	3.8	9.7
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	18	13	1.9	9.6 [9.5]	12	16	27
Propylene	ug/m ³	0.30 U	0.70 U	0.30 U	0.30 U [0.30 U]	0.70 U	0.30 U	0.30 U
Styrene	ug/m ³	1.8 U	1.9	1.8 U	1.8 U [1.8 U]	2.0	1.8 U	1.8 U
Tetrachloroethene	ug/m ³	18	8.5	2.8	10 [11]	9.5	15	97
Tetrahydrofuran	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U
Toluene	ug/m ³	27	23	8.0	18 [15]	27	29	50
trans-1,2-Dichloroethene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/m ³	41	0.70 U	73	23 [18]	2.8	5.7	6.0
Trichlorofluoromethane	ug/m ³	2.0	3.3	2.5	0.80 U [2.5]	2.5	1.3	1.9
Vinyl Acetate	ug/m ³	0.50 U	2.4	0.50 U	0.50 U [0.50 U]	1.5 U	0.50 U	0.50 U
Vinyl Bromide	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]	0.40 U	0.40 U	0.40 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		IA-9 06B07699	SS-1 06B07706	SS-2 06B07698	SS-3 06B07708	SS-4 06B07702	SS-5 06B07712	SS-6 06B07715
Date Collected: Sample Type Field Notes:		02/26/06 Indoor Air	02/26/06 Sub-Slab	02/26/06 Sub-Slab	02/26/06 Sub-Slab	02/26/06 Sub-Slab	02/26/06 Sub-Slab	02/26/06 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	0.70 U	33 U	260	67	54	120	6.3
1,1,2,2-Tetrachloroethane	ug/m ³	4.0	42 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.0 U	46 U	3.6	4.7	190	270	1.0 U
1,1,2-Trichloroethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/m ³	0.50 U	25 U	8.4	0.50 U	0.50 U	1.7	6.2
1,1-Dichloroethene	ug/m ³	0.50 U	24 U	0.50 U	0.50 U	0.50 U	0.50 U	5.1
1,2,4-Trichlorobenzene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ug/m ³	12	99 U	6.9	25	24	21	20
1,2-Dibromoethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ug/m ³	3.6	99 U	2.2	5.4	6.8	7.3	6.3
1,3-Butadiene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/m ³	0.80 U	36 U	0.80 U	0.80 U	0.80 U	1.1	2.5 U
1,4-Dichlorobenzene	ug/m ³	2.5 U	130 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dioxane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
2,2,4-Trimethylpentane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ug/m ³	4.4	18 U	25	23	52	120	22
2-Hexanone	ug/m ³	0.50 U	25 U	0.50 U	0.50 U	0.50 U	1.7 U	1.7 U
3-Chloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	ug/m ³	3.9	99 U	2.0	5.4	6.6	7.4	6.3
4-Methyl-2-pentanone	ug/m ³	1.7 U	82 U	3.8	1.7 U	1.7 U	9.6	2.9
Acetone	ug/m ³	160	250	250	210	1,400	480	230
Benzene	ug/m ³	2.0	20 U	23	3.5	53	17	5.1
Benzyl Chloride	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Bromoform	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ug/m ³	0.40 U	19 U	6.0	3.1	20	10	4.0
Carbon Tetrachloride	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/m ³	0.60 U	28 U	1.1	0.60 U	2.4	0.60 U	0.60 U
Chloroethane	ug/m ³	0.40 U	16 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.60 U	30 U	7.0	0.60 U	9.8	2.9	12
Chloromethane	ug/m ³	1.0	15 U	0.60	0.30 U	0.30 U	0.30 U	0.30 U
cis-1,2-Dichloroethene	ug/m ³	0.50 U	24 U	0.50 U	0.50 U	0.50 U	0.50 U	2.8
cis-1,3-Dichloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	ug/m ³	12	69 U	32	1.4 U	52	13	3.4
Dibromochloromethane	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/m ³	2.1	30 U	2.4	190	2.7	2.5	500
Ethyl acetate	ug/m ³	0.50 U	22 U	1.0	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	ug/m ³	13	26 U	18	9.0	58	26	35
Heptane	ug/m ³	4.6	25 U	65	3.9	96	0.50 U	9.8
Hexachlorobutadiene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropanol	ug/m ³	100	15 U	43	95	74	110	11
Isopropyl alcohol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	ug/m ³	50	180 U	47	38	99	96	110
Methyl tert-butyl ether	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ug/m ³	9.7	70 U	8.0	4.4	3.4	2.4	2.8
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	27	87 U	17	16	60	48	31
Propylene	ug/m ³	0.30 U	11 U	0.30 U	0.30 U	0.30 U	0.30 U	0.70 U
Styrene	ug/m ³	1.8 U	86 U	1.8 U	1.8 U	0.60 U	1.8 U	2.1
Tetrachloroethene	ug/m ³	24	21,000	76	34	660	26	280
Tetrahydrofuran	ug/m ³	1.2 U	59 U	6.4	1.2 U	1.2 U	1.2 U	1.2 U
Toluene	ug/m ³	53	76 U	70	25	1.6 U	1.6 U	47
trans-1,2-Dichloroethene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/m ³	1.9	680	560	7.0	2.5	4.7	32
Trichlorofluoromethane	ug/m ³	0.80 U	36 U	1.9	5.7	0.80 U	1.1	3.9
Vinyl Acetate	ug/m ³	0.50 U	22 U	0.50 U	1.7	0.50 U	0.50 U	1.5 U
Vinyl Bromide	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ug/m ³	0.40 U	16 U	0.50	0.40 U	0.40 U	0.40 U	0.40 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		SS-7 06B07710	SS-8 06B07705	SS-9 06B07704	SS-10 06B07709	IA-1 06B10826	IA-4 06B10827	IA-2SD C0704036-001A
Date Collected: Sample Type Field Notes:		02/26/06 Sub-Slab	02/26/06 Sub-Slab	02/26/06 Sub-Slab	02/26/06 Sub-Slab	03/30/06 Indoor Air	03/30/06 Indoor Air	04/12/07 Indoor Air
1,1,1-Trichloroethane	ug/m ³	30	77	14	0.70 U	4.1 U	4.1 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	0.90 U	0.90 U	0.90 U	0.90 U	5.2 U	5.2 U	1.1 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	88	240	11	1.3	5.8 U	5.8 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	NA	NA	NA	NA	NA	NA	0.83 U
1,1-Dichloroethane	ug/m ³	5.1	3.8	3.8	0.50 U	3.1 U	3.1 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.50 U	0.50 U	7.0	0.50 U	3.0 U	3.0 U	0.61 U
1,2,4-Trichlorobenzene	ug/m ³	NA	NA	NA	NA	NA	NA	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	13	18	2.2	18	13	11	3.2
1,2-Dibromoethane	ug/m ³	NA	NA	NA	NA	NA	NA	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	NA	NA	NA	NA	NA	NA	1.1 U
1,2-Dichlorobenzene	ug/m ³	NA	NA	NA	NA	NA	NA	0.92 U
1,2-Dichloroethane	ug/m ³	NA	NA	NA	NA	NA	NA	0.62 U
1,2-Dichloropropane	ug/m ³	NA	NA	NA	NA	NA	NA	0.71 U
1,3,5-Trimethylbenzene	ug/m ³	4.0	4.5	2.0 U	5.3	3.7 U	3.7 U	1.5
1,3-Butadiene	ug/m ³	NA	NA	NA	NA	NA	NA	0.34 U
1,3-Dichlorobenzene	ug/m ³	1.5	0.80 U	0.80 U	0.80 U	4.5 U	4.5 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	2.5 U	2.5 U	5.1	2.5 U	4.5 U	4.5 U	1.4
1,4-Dioxane	ug/m ³	NA	NA	NA	NA	NA	NA	1.1 U
2,2,4-Trimethylpentane	ug/m ³	NA	NA	NA	NA	NA	NA	0.71 U
2-Butanone	ug/m ³	17	45	6.1	4.6	2.2 U	6.2	140
2-Hexanone	ug/m ³	1.7 U	2.2	0.50 U	1.7 U	3.1 U	3.1 U	1.3 U
3-Chloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	0.48 U
4-Ethyltoluene	ug/m ³	4.2	4.9	2.0 U	5.1	3.7 U	3.7 U	1.7
4-Methyl-2-pentanone	ug/m ³	0.50 U	1.7 U	1.7 U	0.50 U	3.1 U	3.1 U	1.3 U
Acetone	ug/m ³	500	610	320	74	18	69	68
Benzene	ug/m ³	31	48	9.9	2.1	2.4 U	2.6	0.55
Benzyl Chloride	ug/m ³	NA	NA	NA	NA	NA	NA	0.88 U
Bromodichloromethane	ug/m ³	NA	NA	NA	NA	NA	NA	1.0 U
Bromoform	ug/m ³	NA	NA	NA	NA	NA	NA	1.6 U
Bromomethane	ug/m ³	NA	NA	NA	NA	NA	NA	0.59 U
Carbon Disulfide	ug/m ³	25	6.4	1.3	1.4	2.4 U	2.4 U	0.41 J
Carbon Tetrachloride	ug/m ³	NA	NA	NA	NA	NA	NA	0.26 U
Chlorobenzene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	3.5 U	3.5 U	0.70 U
Chloroethane	ug/m ³	0.50	0.40 U	0.40 U	0.40 U	2.0 U	2.0 U	0.40 U
Chloroform	ug/m ³	1.5	0.60 U	0.60 U	1.8	3.7 U	3.7 U	0.74 U
Chloromethane	ug/m ³	0.80	0.30 U	1.0	0.30 U	1.9 U	1.9 U	0.32 U
cis-1,2-Dichloroethene	ug/m ³	4.8	0.50 U	0.50 U	0.50 U	3.0 U	3.0 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	0.69 U
Cyclohexane	ug/m ³	50	46	43	1.4 U	12	2.6 U	8.6
Dibromochloromethane	ug/m ³	NA	NA	NA	NA	NA	NA	1.3 U
Dichlorodifluoromethane	ug/m ³	2.3	2.0	2.5	2.3	3.7 U	3.7 U	2.1
Ethyl acetate	ug/m ³	0.50 U	0.50 U	0.50 U	0.50 U	2.7 U	2.7 U	0.92 U
Ethylbenzene	ug/m ³	14	22	2.2	13	6.1	6.3	0.49 J
Heptane	ug/m ³	0.50 U	58	15	12	5.5	3.1 U	5.0
Hexachlorobutadiene	ug/m ³	NA	NA	NA	NA	NA	NA	1.6 U
Isopropanol	ug/m ³	13	7.0	110	4.5	630	9,900	NA
Isopropyl alcohol	ug/m ³	NA	NA	NA	NA	NA	NA	480
m&p-Xylene	ug/m ³	50	68	6.4	52	26	28	1.2 J
Methyl tert-butyl ether	ug/m ³	NA	NA	NA	NA	NA	NA	0.55 U
Methylene Chloride	ug/m ³	11	2.2	9.8	2.7	20	27	260
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	22	26	3.0	23	10	10	0.49 J
Propylene	ug/m ³	0.30 U	0.30 U	0.30 U	0.30 U	1.3 U	1.3 U	0.26 U
Styrene	ug/m ³	1.8 U	1.8 U	1.8	1.8 U	3.2 U	3.2 U	1.9
Tetrachloroethene	ug/m ³	95	35	5.0	260	5.1 U	5.1 U	1.0 U
Tetrahydrofuran	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	2.2 U	2.2 U	0.45 U
Toluene	ug/m ³	68	160	32	40	32	33	5.2
trans-1,2-Dichloroethene	ug/m ³	NA	NA	NA	NA	NA	NA	0.60 U
trans-1,3-Dichloropropene	ug/m ³	NA	NA	NA	NA	NA	NA	0.69 U
Trichloroethene	ug/m ³	30	3.4	21	70	41	6.7	0.98
Trichlorofluoromethane	ug/m ³	1.5	0.80 U	0.80 U	1.2	4.5 U	4.5 U	0.97
Vinyl Acetate	ug/m ³	0.50 U	8.7	0.50 U	0.50 U	2.7 U	2.7 U	0.54 U
Vinyl Bromide	ug/m ³	NA	NA	NA	NA	NA	NA	0.67 U
Vinyl Chloride	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	1.9 U	1.9 U	0.39 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		IA-3SD C0704036-002A	IA-4SD C0704036-003A	IA-6SD C0704036-004A	IA-8SD C0704036-005A	SS-1SD C0704029-001A	SS-2SD C0704029-002A	SS-3SD C0704029-003A
Date Collected: Sample Type Field Notes:		04/12/07 Indoor Air	04/12/07 Indoor Air	04/12/07 Indoor Air	04/12/07 Indoor Air	04/12/07 Sub-Slab	04/12/07 Sub-Slab	04/12/07 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	3.8	38	0.72 J
1,1,2,2-Tetrachloroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	1.2 U	0.86 J	5.1	85	7.6
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.61 U	0.61 U	0.61 U	0.61 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	2.5	2.4	1.2	4.7	7.0	8.0	3.1
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	1.4	1.0	0.75 U	1.7	2.2	2.3	1.0
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	0.86 J	1.5	0.92 U	12	2.4	2.3	2.3
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	1.0	0.71 U	0.71 U
2-Butanone	ug/m ³	270	260	6.9	150	0.90 U	0.90 U	100
2-Hexanone	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	1.3	1.2	0.75 U	2.7	2.5	2.3	1.1
4-Methyl-2-pentanone	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	76	90	21	92	57	33	64
Benzene	ug/m ³	0.49	0.49	0.78	0.46 J	7.8	3.9	4.9
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.48 U	0.48 U	0.44 J	0.48 U	18	2.3	2.4
Carbon Tetrachloride	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.96 U	0.96 U	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U	0.74 U	7.7	7.2	0.74 U
Chloromethane	ug/m ³	0.32 U	0.32 U	0.32 U	0.32 U	0.42	0.84	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	3.5	2.5	46	5.7	29	8.0	47
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.2	2.2	2.3	2.2	0.75 U	0.75 U	0.75 U
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	5.6
Ethylbenzene	ug/m ³	0.44 J	0.66 U	0.57 J	0.49 J	2.6	2.4	0.71
Heptane	ug/m ³	2.4	3.6	0.67	10	27	7.2	11
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	500	500	20	1,300	150	44	250
m&p-Xylene	ug/m ³	0.93 J	0.88 J	1.2 J	1.2 J	8.5	8.4	2.4
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55	0.55 U	0.55 U
Methylene Chloride	ug/m ³	240	200	7.5	5,000	90	37	210
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	0.66 U	0.66 U	0.49 J	0.44 J	2.7	2.8	0.84
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.91	0.65	9.3	1.3	0.69	2.0	0.65
Tetrachloroethene	ug/m ³	1.0 U	1.0	1.0 U	1.0 U	1.8	9.5	1.0 U
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	0.45 U	2.0	0.90	1.1
Toluene	ug/m ³	6.3	4.0	8.4	6.2	11	15	6.6
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	0.60	1.3	0.66	0.71	0.76 J	110	0.76 J
Trichlorofluoromethane	ug/m ³	0.80 J	0.80 J	0.80 J	1.3	1.3	2.3	0.97
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		SS-4SD C0704029-004A	SS-5SD C0704029-005A	SS-7SD C0704029-006A	SS-8SD C0704029-007A	SS-1 C0710003-003A	SS-1 C0710003-001A	SS-2 C0710003-004A
Date Collected: Sample Type Field Notes:		04/12/07 Sub-Slab	04/12/07 Sub-Slab	04/12/07 Sub-Slab	04/12/07 Sub-Slab	10/02/07 Sub-Slab	10/02/07 Sub-Slab	10/02/07 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	11	0.78 J	0.83 U	1.2	0.83 U	0.83 U	370
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	450	9.5	2.2	1.2 U	2.6	13	36
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	3.1	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	6.6	6.5 J	3.4	3.0	22	25	49
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	2.0	4.2	1.2	1.0	7.1	12	34
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	2.5	3.9	1.3	9.7	2.6	1.6	1.0
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	4.3	0.71 U	0.71 U	2.5	0.71 U	2.2
2-Butanone	ug/m ³	46	110	41	25	6.7	17	0.90 U
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	1.8	4.4	1.4	1.1	5.9	9.3	12
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	43	270	390	24	0.72 U	95	76
Benzene	ug/m ³	1.2	24	28	2.0	17	60	7.8 J
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.63	0.59 U
Carbon Disulfide	ug/m ³	0.85	9.8	5.6	1.8	23	48	34
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	25	5.1	0.65 J	3.2	0.99	3.2	1.6
Chloromethane	ug/m ³	0.80	0.65	0.31	0.55	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	2.3	66	64	5.0	100	460	14
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	2.3	9.5
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	1.5	6.2 J	2.6	0.88	24	44	19
Heptane	ug/m ³	3.6	170	40	7.0	220	820	22
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	190	170	87	800	150	760	84
m&p-Xylene	ug/m ³	5.4	20	7.5	3.3	50	140	45
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	93	170	42	4,600	70 J	56	29
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	1.9	6.2 J	2.3	1.1	14	33	9.7 J
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.65	0.65 U	0.65 U	0.52 J	9.5 J	7.8	8.1
Tetrachloroethene	ug/m ³	40	0.97 J	8.4	5.4	120	630	3.8
Tetrahydrofuran	ug/m ³	5.5	1.7	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	7.2	58	49	5.9	77,000	100	43,000
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	45	1.6	0.82 U	36	3.9	8.7	6.3
Trichlorofluoromethane	ug/m ³	1.5	1.3	0.86 U	0.97	2.3	3.5	2.0
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		SS-2 C0710003-002A	IA-1 C0711025-006A	IA-10 C0711025-002A	IA-10SD C0711025-032A	IA-11SD C0711025-031A	IA-12SD C0711025-014A	IA-13SD C0711025-016A
Date Collected: Sample Type Field Notes:		10/02/07 Sub-Slab	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air
1,1,1-Trichloroethane	ug/m ³	650	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	61	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	0.86 J
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	29	9.4	8.2	6.9	9.8	1.8	3.2
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.78
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	24	4.2	3.5	2.8	3.6	0.75 U	1.9
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	0.92 U	11	13	3.5	6.7	0.73 J	2.4
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	2.0	0.47 J	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	23	1.3	0.90	1.3	1.7	0.75 U	0.55 J
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	88	2,300	650	200	370	12	26
Benzene	ug/m ³	22	0.52	0.49 U	0.42 J	0.91	1.1	0.94
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	21	0.47 U	0.47 U	0.47 U	0.60	0.47 U	0.47 U
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	3.2	0.50 J	0.69 J	0.60 J	0.55 J	0.74 U	0.74
Chloromethane	ug/m ³	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	5.1
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	68	30	19	4.3	3.4	0.91	0.52 U
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	15	2.3	2.2	3.0	3.4	2.7	3.1
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	43	3.5	5.8	0.79	0.84	0.66 U	1.3
Heptane	ug/m ³	130	17	32	0.62 U	0.62 U	0.79	0.92
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	63	3,300	900	2,300	480	120	0.37 U
m&p-Xylene	ug/m ³	150	4.7	14 J	1.2 J	2.0	0.84 J	3.0
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	17	480	400	120	76	4.2	22
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	32	2.3	4.8	0.62 J	0.66	0.66 U	0.97
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	5.9	19	9.1	3.6	3.0	0.65 U	0.65 U
Tetrachloroethene	ug/m ³	3.3	2.3	2.3	1.0 U	1.0 U	1.0 U	1.5
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	70	18	6.1	2.5	5.6	1.4	4.3
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	10	1.5	2.6	0.98	1.1	0.82	12
Trichlorofluoromethane	ug/m ³	2.3	2.4	1.7	1.6	1.5	2.0	2.0
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:

ug/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

D = Concentration is based on a diluted sample analysis.

E = Concentration exceeded calibrated range.

J = Analyte detected at or below quantitation limits.

U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		IA-14SD C0711025-018A	IA-2 C0711025-008A	IA-2SD C0711025-024A	IA-3 C0711025-010A	IA-4 C0711025-023A	IA-4SD C0711025-034A	IA-5 C0711025-020A
Date Collected: Sample Type: Field Notes:		11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	27	12	10	3.3	9.2	11	6.7
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	14	5.1	5.2	0.55 J	4.7	5.1	3.0
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	0.86 J	11	4.6	1.0	17 J	5.9	11
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	7.6	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	11	1.7	1.4	0.75 U	1.8	1.9	1.2
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	0.72 U	59 E	37	0.72 U	92	210	100
Benzene	ug/m ³	32	0.91	0.49	0.52	0.42 J	0.42 J	0.55
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.47 U	0.51	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.61 J	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.65 J	0.55 J	0.74 U
Chloromethane	ug/m ³	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.44 J	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	12	24	19	1.0	18	1.9	31
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.4	2.9	3.7	7.1	2.2	3.0	3.5
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	19	12 J	1.4	0.66 U	1.1	0.62 J	2.5
Heptane	ug/m ³	9.2 J	9.2 J	0.62 U	1.1	0.62 U	0.62 U	1.1
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	0.37 U	1,000	2,300	3,200	1,900	2,100	1,000
m&p-Xylene	ug/m ³	67	6.9	2.9	0.93 J	2.5	1.4	6.0
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	2.6	220	520	5.8	2,700	500	830
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	18	3.2	1.5	0.66 U	1.1	0.75	2.7
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.65 U	29	8.7	0.74	9.0	2.0	13
Tetrachloroethene	ug/m ³	1.0 U	3.6	1.0 U	1.0 U	1.0 U	1.0 U	0.69 J
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	130	21	3.9	1.8	12	3.2	7.9
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	0.22 U	1.5	1.6	0.66	1.1	0.82	1.3
Trichlorofluoromethane	ug/m ³	33	2.2	1.9	5.1	1.5	1.6	1.8
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		IA-6 C0711025-011A	IA-7 C0711025-004A	IA-8 C0711025-038A	IA-8SD C0711025-037A	IA-9 C0711025-026A	IA-9SD C0711025-028A	SS-1 C0711025-005A
Date Collected: Sample Type Field Notes:		11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Indoor Air	11/15/07 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.78 J	0.83 U	0.83 U	2.7
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.3	1.2 U	1.2 U	16
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	7.6
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	2.7	8.9	10	14	8.3	6.6	8.0
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	0.75 U	2.9	4.9	5.7	4.2	4.0	7.7
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	110
1,4-Dichlorobenzene	ug/m ³	1.3	17	11	54	13	4.3	28
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.57 J	0.71 U	2.2
2-Butanone	ug/m ³	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	45
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	0.75 U	1.3	2.0	2.6	1.3	1.0	2.7
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	0.72 U	2,600	19	620	49	80	420
Benzene	ug/m ³	0.49	0.68	0.52	0.58	0.62	0.42 J	25
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.47 U	0.47 U	0.47 U	0.44 J	0.47 U	0.47 U	54
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.65 J	0.60 J	0.84	0.74 U	0.74 U	6.6
Chloromethane	ug/m ³	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.64	0.60 U	0.60 U	0.60 U	0.60 U	2.7
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	7.2	16	14	1.0	55	23	90
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	5.0	2.2	3.1	2.8	3.5	3.3	3.5
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	0.71	1.1	0.93	0.79	2.2	1.1	7.1
Heptane	ug/m ³	0.79	32	0.62 U	1.0	1.0	0.79	64
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	2,800	1,200	10,000	1,700	1,100	2,800	0.37 U
m&p-Xylene	ug/m ³	1.4	2.3	2.2	2.2	5.3	1.8	18
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	29	380	1,800	160	930	91	210
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	0.57 J	0.79	1.5	0.75	2.5	1.3	7.7
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	3.6	2.8	8.5	1.4	16	12 J	7.4
Tetrachloroethene	ug/m ³	1.0 U	1.2	0.97 J	1.0 U	0.76 J	1.0 U	210
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	4.5	3.1	4.1	4.3	6.3	3.8	140
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	0.66	2.3	0.76	1.0	1.3	9.0	17
Trichlorofluoromethane	ug/m ³	3.5	1.5	1.6	1.9	1.8	1.8	4.0
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		SS-2 C0711025-007A	SS-2SD C0711025-025A	SS-3 C0711025-009A	SS-4 C0711025-022A	SS-4SD C0711025-035A	SS-5 C0711025-021A	SS-6 C0711025-019A
Date Collected: Sample Type Field Notes:		11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	560	54	310	4.7	2.7	18	1.8
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	82	8.3	9.0	52	41	7.2	1.0 J
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	4.6	0.60 U	0.60 U	0.60 U	0.60 U	3.1
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	10	8.2	9.2	10	8.0	7.0 J	8.0
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	11	8.0	9.0	6.7	6.6	6.5 J	9.9
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	64	89	110	66	84	67	74
1,4-Dichlorobenzene	ug/m ³	43	24	38	30	26	20	26
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.81	0.71 U
2-Butanone	ug/m ³	46	39	41	0.90 U	34	62	34
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	3.7	1.9	2.0	2.3	1.9	4.1	2.8
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	85	110	39	490	210	210	130
Benzene	ug/m ³	3.3	4.9	1.9	21	3.3	6.3	3.6
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	16	6.0	2.0	26	5.2	9.5	13
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.83 J	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	1.3	2.7	0.69 J	3.3	10	7.5	12
Chloromethane	ug/m ³	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	1.8	0.60 U	0.60 U	0.60 U	0.60 U	11
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	0.52 U	0.52 U	0.52 U	170	0.52 U	0.52 U	7.5
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	0.75 U	3.5	3,900	3.4	3.3	3.3	180
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	39	7.4	6.4	8.7	7.4	9.0	8.3
Heptane	ug/m ³	0.62 U	9.6	5.0	42 U	18	21	10
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	130	120	55	0.37 U	110	46	87
m&p-Xylene	ug/m ³	97	13	18	15	14	14	15
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	50	72	6.6	370	330	120	16
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	54	6.6	6.2	8.6	6.4	7.7	7.3
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	16	5.6 J	6.5	6.1 J	5.6 J	5.6 J	11
Tetrachloroethene	ug/m ³	29	3.7	200	4.1	4.1	12	65
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	93	130	120	150	110	130	95
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	11	210	150	7.4	6.3	9.0	32
Trichlorofluoromethane	ug/m ³	2.8	1.7	19	1.8	1.8	1.8	4.6
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		SS-7 C0711025-003A	SS-8 C0711025-039A	SS-8SD C0711025-036A	SS-9 C0711025-027A	SS-S10 C0711025-001A	VP-10SD C0711025-033A	VP-11SD C0711025-030A
Date Collected: Sample Type Field Notes:		11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	2.3	21	27	24	0.83 U	0.83 U	19
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	4.4	23	8.6	18	1.8	130	4.9
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	4.4	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	10	6.0 J	8.4	7.3	8.4	8.6	5.8
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	9.6	6.5 J	8.8	9.0	6.9	5.7	6.1
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	95	110	100	97	100	76	59
1,4-Dichlorobenzene	ug/m ³	35	34	24	23	34	27	14
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.47 J	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	54	51	36	110	43	47	42
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	2.4	3.6	2.2	2.0	2.2	1.9	1.3
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	110	0.72 U	0.72 U	1,100	180	290	92
Benzene	ug/m ³	2.1	0.49 U	3.1	20	1.4	3.4	1.7
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	0.95 J	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	4.3	6.3	6.0	20	2.8	19	2.2
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	1.1	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	39	12	38	4.4	49	0.84	5.0
Chloromethane	ug/m ³	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	8.2	0.60 U	1.2
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	5.5	0.52 U	0.52 U	85	0.52 U	0.52 U	2.6
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	3.0	0.75 U	0.75 U	3.6	2.8	1.4	3.2
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	8.4	9.1	7.6	7.1	7.8	6.0	5.3
Heptane	ug/m ³	11	7.9	0.62 U	40	8.8	0.62 U	6.5
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	110	0.37 U	0.37 U	0.37 U	0.37 U	660	0.37 U
m&p-Xylene	ug/m ³	19	16	15	17	18	19	17
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	43	68	30	190	19	160	37
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	7.7	8.9	7.1	7.4	7.2	5.1	4.3
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	7.8	6.1 J	5.6 J	6.9	7.4	9.6	7.2
Tetrachloroethene	ug/m ³	48	7.9	17	2.9	190	2.3	7.4
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	140	110	100	180	110	77	74
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	12	11	310	7.9	21	6.3	14
Trichlorofluoromethane	ug/m ³	1.7	1.8	0.86 U	2.1	1.7	3.1	1.7
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VP-12SD C0711025-012A	VP-14SD C0711025-017A	VP-9SD C0711025-029A	VMP-1A C0908051-022A	VMP-1A AA C0908051-013A	VMP-1B C0908051-009A	VMP-1B AA C0908051-025A
Date Collected: Sample Type Field Notes:		11/15/07 Sub-Slab	11/15/07 Sub-Slab	11/15/07 Sub-Slab	08/26/09 Sub-Slab	08/26/09 Indoor Air Paint like odor	08/26/09 Sub-Slab	08/26/09 Indoor Air High traffic area
1,1,1-Trichloroethane	ug/m ³	1.8 [0.67 J]	3.9	6.3	0.83 U [0.83 U]	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U [1.0 U]	1.0 U	1.0 U	1.0 UJ [1.0 UJ]	1.0 UJ	1.0 UJ	1.0 UJ
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	2.2 [1.2]	8.5	230	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U [0.83 U]	0.83 U	0.83 U	0.83 U [0.83 U]	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U [0.62 U]	0.62 U	0.62 U	0.62 U [0.62 U]	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U [1.1 U]	1.1 U	1.1 U	1.1 UJ [1.1 UJ]	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	6.5 [2.0]	10	8.8	15 DJ [7.4 J]	15 DJ	21 J	6.0 DJ
1,2-Dibromoethane	ug/m ³	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U [1.1 U]	1.1 U	1.1 U	1.1 U [1.1 U]	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U [0.92 U]	0.92 U	0.92 U	0.92 UJ [0.92 UJ]	0.92 UJ	0.92 UJ	0.92 UJ
1,2-Dichloroethane	ug/m ³	0.62 U [0.62 U]	0.62 U	0.62 U	0.62 U [0.62 U]	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	7.0 [2.1]	8.7	7.5	13 J [2.5 J]	6.0 DJ	4.6 J	3.7 J
1,3-Butadiene	ug/m ³	0.34 U [0.34 U]	0.34 U	0.34 U	0.34 U [0.34 U]	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	79 [12]	110	94	0.92 UJ [0.92 UJ]	0.92 UJ	0.92 UJ	0.92 UJ
1,4-Dichlorobenzene	ug/m ³	27 [8.8]	26	23	2.3 J [1.1 J]	3.3 J	4.6 J	4.2 J
1,4-Dioxane	ug/m ³	1.1 U [1.1 U]	1.1 U	1.1 U	1.1 UJ [1.1 UJ]	1.1 UJ	1.1 UJ	1.1 UJ
2,2,4-Trimethylpentane	ug/m ³	0.71 U [0.71 U]	3.2	0.71 U	0.71 U [0.52 J]	1.0	0.90 J	1.0
2-Butanone	ug/m ³	24 [5.1]	36	44	3.3 [3.8]	3.3	3.4 J	3.3
2-Hexanone	ug/m ³	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 UJ [1.2 UJ]	1.2 U	1.2 UJ	1.2 UJ
3-Chloropropene	ug/m ³	0.48 U [0.48 U]	0.48 U	0.48 U	0.48 U [0.48 U]	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	1.6 [0.75 U]	5.3	2.1	23 J [6.8 J]	7.0 DJ	8.4 J	7.9 J
4-Methyl-2-pentanone	ug/m ³	1.2 U [1.2 U]	1.2 U	1.2 U	0.79 J [1.7 J]	1.0 J	1.2 U	0.58 J
Acetone	ug/m ³	47 [25]	32	34	60 D [69 D]	48 D	71 D	54 D
Benzene	ug/m ³	10 [3.3]	10	2.9	0.75 [1.0]	9.1 DJ	0.91 J	0.88
Benzyl Chloride	ug/m ³	0.88 U [0.88 U]	0.88 U	0.88 U	0.88 UJ [0.88 U]	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U [1.0 U]	1.0 U	1.0 U	1.0 U [1.0 U]	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U [1.6 U]	1.6 U	1.6 U	1.6 U [1.6 U]	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U [0.59 U]	0.59 U	0.59 U	0.59 U [0.59 U]	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	19 [3.5]	3.3	5.9	0.57 [1.3]	0.47	1.0 J	0.73
Carbon Tetrachloride	ug/m ³	0.96 U [0.96 U]	0.96 U	0.96 U	0.96 U [0.96 U]	0.45	0.96 U	0.38
Chlorobenzene	ug/m ³	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U [0.40 U]	0.40 U	0.40 U	0.40 U [0.40 U]	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	1.0 [0.50 J]	0.74	1.7	1.0 [1.1]	1.1	1.0 J	0.89
Chloromethane	ug/m ³	0.31 U [0.31 U]	0.31 U	0.31 U	1.4 [1.0]	1.0	1.2 J	1.2
cis-1,2-Dichloroethene	ug/m ³	0.60 U [0.60 U]	0.56 J	1.2	0.60 U [1.1]	0.60 U	1.8 J	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U [0.69 U]	0.69 U	0.69 U	0.69 U [0.69 U]	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	18 [5.9]	6.3	7.8	0.52 UJ [13 DJ]	16 D	34 D	42 D
Dibromochloromethane	ug/m ³	1.3 U [1.3 U]	1.3 U	1.3 U	1.3 U [1.3 U]	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.4 [3.2]	2.4	4.3	2.7 [2.7]	2.7	2.7 J	2.7
Ethyl acetate	ug/m ³	0.92 U [0.92 U]	0.92 U	0.92 U	1.6 [1.8]	1.9	2.6 J	3.0
Ethylbenzene	ug/m ³	6.3 [1.6]	8.8	7.9	2.6 J [2.8 J]	2.9 J	1.8 J	1.9 J
Heptane	ug/m ³	24 [5.1]	9.2	10	17 D [13 D]	11 D	21 J	12 D
Hexachlorobutadiene	ug/m ³	1.6 U [1.6 U]	1.6 U	1.6 U	1.6 UJ [1.6 UJ]	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	0.37 U [0.37 U]	0.37 U	24	1,600 D [2,000 D]	1,200 D	2,100 D	2,200 D
m&p-Xylene	ug/m ³	19 J [4.4]	24	14	8.1 J [5.4 J]	8.7 J	3.6 J	3.3 J
Methyl tert-butyl ether	ug/m ³	0.55 U [0.55 U]	0.55 U	0.55 U	0.55 U [0.55 U]	0.55 UJ	0.55 U	0.55 U
Methylene Chloride	ug/m ³	29 [3.5]	11	20	330 D [390 D]	300 DJ	510 D	500 D
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	5.9 [1.2]	6.6	6.9	2.5 J [2.3 J]	2.6	1.8 J	1.5 J
Propylene	ug/m ³	0.26 U [0.26 U]	0.26 U	0.26 U	0.26 U [0.26 U]	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	8.5 [1.1]	5.6 J	5.2 J	2.9 J [2.7 J]	3.3 J	8.3 J	9.2 J
Tetrachloroethene	ug/m ³	2.7 [1.0]	3.2	4.9	1.1 J [1.3 J]	0.83 J	1.7 J	0.69 J
Tetrahydrofuran	ug/m ³	0.45 U [0.45 U]	0.45 U	0.45 U	1.8 [2.3]	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	110 [20]	200	110	7.1 J [6.8 J]	8.4 J	16 DJ	13 DJ
trans-1,2-Dichloroethene	ug/m ³	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U [0.69 U]	0.69 U	0.69 U	0.69 U [0.69 U]	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	3.3 [2.0]	4.0	8.1	2.1 J [7.9 J]	1.9	8.6 J	1.9
Trichlorofluoromethane	ug/m ³	2.3 [2.5]	18	2.1	3.9 [4.1]	4.0	2.8 J	2.6
Vinyl Acetate	ug/m ³	0.54 U [0.54 U]	0.54 U	0.54 U	0.54 UJ [0.54 UJ]	0.54 UJ	0.54 UJ	0.54 UJ
Vinyl Bromide	ug/m ³	0.67 U [0.67 U]	0.67 U	0.67 U	0.67 U [0.67 U]	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U [0.39 U]	0.39 U	0.39 U	0.39 U [0.39 U]	0.10 U	0.39 U	0.10 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-1C C0908051-020A	VMP-1C AA C0908051-021A	VMP-2A C0908051-019A	VMP-2A AA C0908051-001A	VMP-2B C0908051-010A	VMP-2B AA C0908051-018A
Date Collected: Sample Type Field Notes:		08/26/09 Sub-Slab	08/26/09 Indoor Air Near machine	08/26/09 Sub-Slab	08/26/09 Indoor Air	08/26/09 Sub-Slab	08/26/09 Indoor Air Odor of burning / electronics
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	0.86 J	0.86 J	1.2 UJ	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 UJ	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	3.9 J	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	22 J	19 J	21 J	17 DJ	19 J	6.5 DJ
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 UJ	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 UJ	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	4.5 J	3.7 J	4.5 J	6.1 J	4.2 J	4.0 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,4-Dichlorobenzene	ug/m ³	4.0 J	3.3 J	3.4 J	2.3 J	2.8 J	2.8 J
1,4-Dioxane	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
2,2,4-Trimethylpentane	ug/m ³	0.47 J	0.90 J	0.62 J	2.1 J	0.62 J	0.52 J
2-Butanone	ug/m ³	3.1	3.0	3.1	2.8 J	2.8	3.1
2-Hexanone	ug/m ³	0.50 J	1.2 UJ	0.46 J	1.2 UJ	0.50 J	1.2 UJ
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 UJ	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	11 J	8.2 J	9.4 J	12 J	11 J	8.0 J
4-Methyl-2-pentanone	ug/m ³	1.1 J	1.1 J	1.9 J	1.3 J	1.7 J	1.0 J
Acetone	ug/m ³	41 D	57 D	43 D	99 DJ	61 D	49 D
Benzene	ug/m ³	0.78 J	0.75 J	0.71	1.7 J	0.75 J	0.78
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 UJ	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 UJ	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.60	0.73	0.85	0.47 J	0.76	0.44 J
Carbon Tetrachloride	ug/m ³	0.96 U	0.45 J	0.96 U	0.45 J	0.96 U	0.38
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.47 J	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U
Chloroform	ug/m ³	0.84	0.79	0.79	1.1 J	0.79	0.84
Chloromethane	ug/m ³	1.0	1.2	1.4	1.0 J	1.2	1.2
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 UJ	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U
Cyclohexane	ug/m ³	49 D	36 D	16 D	55 DJ	39 D	26 D
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 UJ	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.7	2.6	2.8	2.8 J	3.1	2.9
Ethyl acetate	ug/m ³	1.7	2.3	2.9	2.1 J	3.4	2.7
Ethylbenzene	ug/m ³	1.6 J	1.8 J	2.0 J	1.7 J	1.9 J	1.6 J
Heptane	ug/m ³	28 D	14 D	10 DJ	52 DJ	18 D	5.0 DJ
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	770 D	1,800 D	1,400 D	3,100 DJ	2,800 D	2,400 D
m&p-Xylene	ug/m ³	3.4 J	3.2 J	3.0 J	3.8 J	4.3 J	2.3 J
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 UJ	0.55 U	0.55 U
Methylene Chloride	ug/m ³	290 D	420 D	240 D	180 DJ	440 D	400 D
n-Hexane	ug/m ³	-	-	-	-	-	-
o-Xylene	ug/m ³	1.9 J	1.6 J	1.7 J	2.1 J	3.2 J	1.5 J
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U
Styrene	ug/m ³	7.9 J	8.7 J	11 J	7.7 J	11 J	10 J
Tetrachloroethene	ug/m ³	1.0 U	0.69 J	1.0 U	1.0 UJ	1.0 U	0.90 J
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	3.3	0.45 UJ	0.45 U	0.45 U
Toluene	ug/m ³	18 DJ	17 DJ	9.2 DJ	27 DJ	18 DJ	14 DJ
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 UJ	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U
Trichloroethene	ug/m ³	1.6 J	1.7 J	1.7	2.2 J	1.4 J	1.6
Trichlorofluoromethane	ug/m ³	2.9	2.6	2.6	3.3 J	2.7	2.6
Vinyl Acetate	ug/m ³	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 UJ	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 UJ	0.39 U	0.10 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-2C C0908051-024A	VMP-2C AA C0908051-012A	VMP-3A C0908051-002A	VMP-3A AA C0908051-003A	VMP-3B C0908051-027A	VMP-3B AA C0908051-028A
Date Collected: Sample Type Field Notes:		08/26/09 Sub-Slab	08/26/09 Indoor Air Burning odor / soldering	08/26/09 Sub-Slab	08/26/09 Indoor Air	08/26/09 Sub-Slab	08/26/09 Indoor Air
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	110 D	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	36 D	1.2 U	0.93 J	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	6.5 J	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	22 J	8.5 DJ	6.5 J	4.8 J	16 J	3.4 J
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	4.7 J	4.4 J	0.75 UJ	1.2 J	4.4 J	0.90 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,4-Dichlorobenzene	ug/m ³	2.6 J	3.2 J	12 DJ	14 J	11 J	7.2 J
1,4-Dioxane	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
2,2,4-Trimethylpentane	ug/m ³	0.52 J	0.85	0.71 U	0.95	0.66 J	0.62 J
2-Butanone	ug/m ³	3.2	2.9	7.0 J	5.5	6.4	3.7
2-Hexanone	ug/m ³	1.2 UJ	1.2 U	1.2 UJ	1.2 U	1.2 UJ	1.2 UJ
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	8.4 J	8.6 J	0.75 UJ	3.6 J	5.6 J	2.5 J
4-Methyl-2-pentanone	ug/m ³	1.4 J	1.4 J	1.2 U	0.75 J	1.2 U	0.58 J
Acetone	ug/m ³	46 D	54 D	41 D	120 D	91 D	42 D
Benzene	ug/m ³	0.81	1.0	0.81 J	1.0	1.2	0.78
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.89	0.79	4.1 J	0.51	2.1	0.54
Carbon Tetrachloride	ug/m ³	0.96 U	0.45	0.96 U	0.45	0.96 U	0.45
Chlorobenzene	ug/m ³	0.47 J	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	1.3 J	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74	0.79	21 J	1.2	1.2	1.1
Chloromethane	ug/m ³	1.4	1.3	0.31 U	1.0	1.1	0.80
cis-1,2-Dichloroethene	ug/m ³	0.44 J	0.60 U	5.6 J	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	24 D	50 D	0.52 U	24 D	20 D	8.7 D
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	3.0	2.9	2.4 J	2.9	2.6	2.6
Ethyl acetate	ug/m ³	3.2	3.6	0.92 U	4.9	3.3	3.3
Ethylbenzene	ug/m ³	2.1 J	2.2 J	1.0 J	1.1 J	2.4 J	0.84 J
Heptane	ug/m ³	12	10 D	0.62 U	5.5	7.8	3.6
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	470 D	2,900 D	260 D	3,500 D	1,900 D	1,400 D
m&p-Xylene	ug/m ³	2.6 J	2.9 J	3.0 J	2.8 J	5.0 J	2.1 J
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 UJ	0.55 U	0.55 UJ	0.55 U	0.55 U
Methylene Chloride	ug/m ³	330 D	510 D	390 D	1,500 D	930 D	550 D
n-Hexane	ug/m ³	-	-	-	-	-	-
o-Xylene	ug/m ³	1.8 J	2.0 J	1.6 J	1.3 J	1.8 J	0.88 J
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	12 J	8.7 DJ	3.1 J	2.0 J	3.1 J	2.5 J
Tetrachloroethene	ug/m ³	1.0 U	0.69 J	12 J	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	15 J	0.45 U	13	0.45 U
Toluene	ug/m ³	12 DJ	18 DJ	11 DJ	19 DJ	9.4 J	5.7 DJ
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	1.9	1.7	460 D	1.6	2.2	1.6
Trichlorofluoromethane	ug/m ³	2.6	2.9	1.7 J	2.1	3.3	1.9
Vinyl Acetate	ug/m ³	0.54 UJ	0.54 UJ	0.75 J	0.54 UJ	0.54 UJ	0.54 UJ
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-3C C0908051-014A	VMP-3C AA C0908051-015A	VMP-3D C0908051-029A	VMP-3D AA C0908051-007A	VMP-3E C0908051-017A	VMP-3E AA C0908051-008A
Date Collected: Sample Type Field Notes:		08/26/09 Sub-Slab	08/26/09 Indoor Air Near machine	08/26/09 Sub-Slab	08/26/09 Indoor Air Near machine	08/26/09 Sub-Slab	08/26/09 Indoor Air Strong odor of orange cleaner
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	0.86 J	1.0 J	1.2 U	1.3	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	5.6 J	2.3 J	5.1 J	2.7 J	4.4 J	3.9 J
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	0.75 UJ	0.80 J	1.7 J	0.65 J	1.4 J	0.90 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,4-Dichlorobenzene	ug/m ³	6.8 J	4.6 J	5.6 J	4.5 J	2.8 J	3.4 J
1,4-Dioxane	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
2,2,4-Trimethylpentane	ug/m ³	0.62 J	0.52 J	0.71 U	0.52 J	0.62 J	0.76
2-Butanone	ug/m ³	4.9	3.0	3.3	3.0	3.8	2.5
2-Hexanone	ug/m ³	1.2 UJ	1.2 UJ	1.2 UJ	1.2 U	1.2 UJ	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	0.75 UJ	1.8 J	5.4 J	2.3 J	4.2 J	2.6 J
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.5 J	0.67 J	1.2 U	1.2 U
Acetone	ug/m ³	84 D	48 D	65 D	59 D	130 D	46 D
Benzene	ug/m ³	0.71 J	0.68	0.71 J	0.71	0.94	0.78
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	2.0	1.2	2.3	0.76	1.0	0.41 J
Carbon Tetrachloride	ug/m ³	0.96 U	0.45	0.96 U	0.45	0.96 U	0.45
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	1.0	1.2	1.2	1.4	19 D	1.1
Chloromethane	ug/m ³	0.97	1.0	0.92	1.0	0.82	0.97
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.44 J	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	0.52 U	24 D	17 J	0.52 U	0.52 U	0.52 U
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.7	2.7	2.5	2.8	2.7	2.7
Ethyl acetate	ug/m ³	2.2	2.7	2.3	2.5	1.4	1.9
Ethylbenzene	ug/m ³	6.4 J	0.88 J	0.97 J	0.75 J	2.2 J	1.6 J
Heptane	ug/m ³	10 DJ	3.0	3.5 J	3.0	19 D	12 D
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 U	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	1,200 D	1,300 D	1,200 D	1,500 D	290 D	1,100 D
m&p-Xylene	ug/m ³	16 J	1.8 J	2.0 J	1.6 J	5.0 J	4.1 J
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 UJ	0.55 U	0.55 UJ
Methylene Chloride	ug/m ³	580 D	570 D	260 D	560 D	210 D	440 D
n-Hexane	ug/m ³	-	-	-	-	-	-
o-Xylene	ug/m ³	3.8 J	0.62 J	0.88 J	0.66 J	1.6 J	1.2 J
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	2.6 J	2.2 J	2.7 J	2.9 J	1.8 J	2.5 J
Tetrachloroethene	ug/m ³	1.0 U	0.76 J	1.0 U	1.0 U	1.9 J	0.83 J
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	1.7	0.45 U	0.45 U	0.45 U
Toluene	ug/m ³	8.0 J	8.0 J	7.9 J	7.7 J	7.4 J	6.5 J
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	1.6 J	2.0	2.5 J	1.9	2.8	2.1
Trichlorofluoromethane	ug/m ³	2.0	2.0	3.1	2.1	3.6	4.1
Vinyl Acetate	ug/m ³	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-4 C0908051-011A	VMP-4 AA C0908051-026A	VMP-5 C0908051-016A	VMP-5 AA C0908051-006A	VMP-7 C0908051-004A	VMP-7 AA C0908051-005A
Date Collected: Sample Type Field Notes:		08/26/09 Sub-Slab	08/26/09 Indoor Air People working nearby	08/26/09 Sub-Slab	08/26/09 Indoor Air	08/26/09 Sub-Slab	08/26/09 Indoor Air
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	1.5	1.2 UJ	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 UJ	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	20 J	8.0 DJ	7.0 J	4.9 J	7.2 J	4.9 J
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 UJ	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 UJ	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	3.9 J	3.8 J	1.6 J	1.3 J	1.7 J	1.3 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ	0.92 UJ
1,4-Dichlorobenzene	ug/m ³	4.0 J	3.8 J	13 J	13 J	7.5 J	6.9 J
1,4-Dioxane	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
2,2,4-Trimethylpentane	ug/m ³	0.71	0.57 J	0.90 J	0.81 J	0.95	0.81
2-Butanone	ug/m ³	3.2	3.0	3.6	4.3 J	5.8	5.0
2-Hexanone	ug/m ³	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 UJ	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	8.2 J	8.1 J	4.2 J	3.5 J	5.9 J	3.5 J
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.1 J	0.58 J	1.0 J	1.1 J	0.96 J
Acetone	ug/m ³	80 D	81 D	110 D	98 DJ	92 D	110 D
Benzene	ug/m ³	0.97	0.71	2.6 J	0.88 J	1.8	1.0
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 UJ	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 UJ	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.85	1.6	3.0	2.6 J	1.3	1.1
Carbon Tetrachloride	ug/m ³	0.96 U	0.45	0.96 U	0.45 J	0.96 U	0.45
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.51 J	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U
Chloroform	ug/m ³	0.84	0.79	1.6	1.4 J	1.4	1.4
Chloromethane	ug/m ³	1.2	1.2	1.0	1.1 J	1.2	1.7
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 UJ	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U
Cyclohexane	ug/m ³	45 D	60 D	14 D	0.52 UJ	0.52 U	0.52 U
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 UJ	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.8	2.8	2.6	2.9 J	2.9	3.1
Ethyl acetate	ug/m ³	3.4	3.1	4.4	4.7 J	6.6	6.6
Ethylbenzene	ug/m ³	2.3 J	1.7 J	2.3 J	0.88 J	1.9 J	0.97 J
Heptane	ug/m ³	19 D	6.7 D	6.0 J	4.9 J	5.4	4.4
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	2,800 D	2,400 D	4,500 D	5,000 DJ	5,400	5,400 D
m&p-Xylene	ug/m ³	4.8 J	2.3 J	8.2 J	2.2 J	6.1 J	2.4 J
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 UJ	0.55 U	0.55 UJ
Methylene Chloride	ug/m ³	610 D	510 D	2,100 D	2,500 DJ	1,400 D	1,300 D
n-Hexane	ug/m ³	-	-	-	-	-	-
o-Xylene	ug/m ³	2.4 J	1.5 J	2.4 J	1.0 J	1.8 J	1.0 J
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U
Styrene	ug/m ³	11 J	7.4 DJ	1.5 J	1.4 J	2.4 J	2.0 J
Tetrachloroethene	ug/m ³	1.1 J	1.0 U	1.0 U	1.6 J	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	0.45 U	2.0	0.45 U	3.6 J	0.45 U	0.45 U
Toluene	ug/m ³	24 DJ	17 DJ	23 DJ	11 J	19 DJ	15 D
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 UJ	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U
Trichloroethene	ug/m ³	1.6	1.7	1.5 J	2.3 J	1.9	2.0
Trichlorofluoromethane	ug/m ³	2.5	2.4	1.9	2.2 J	2.2	2.4
Vinyl Acetate	ug/m ³	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 UJ	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 UJ	0.39 U	0.10 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		SG-3 C0912007-002A	SG-4 C0912007-003A	VMP-1A C1001027-007A	VMP-1A AA C1001027-001A	VMP-1B C1001027-010A	VMP-1B AA C1001027-012A	VMP-1C C1001027-005A
Date Collected: Sample Type Field Notes:		12/01/09 Soil Gas	12/01/09 Soil Gas	01/13/10 Sub-Slab	01/13/10 Indoor Air Slight paint odor	01/13/10 Sub-Slab	01/13/10 Indoor Air Odor in room	01/13/10 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	19	0.83	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.6	9.5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.77	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	3.0	1.9	0.75 U	8.5 D	2.5 J	5.2	7.7
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	0.65 J	0.75 U	0.75 U	5.2	1.2 J	1.5	2.0
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	0.51 J	0.90 U	0.90 U	1.2	4.1	2.2	1.0
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	1.2	0.60 J	0.75 U	6.7	0.65 J	1.6	2.0
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	0.62 J	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	16	20	0.92	31 D	21 D	27 D	19 D
Benzene	ug/m ³	0.39 J	0.49 U	0.49 U	1.1	2.0 J	1.2	0.78
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	1.7	0.66	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride	ug/m ³	0.96 U	0.96 U	0.96 U	0.58	0.45 J	0.51	0.51 J
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Chloromethane	ug/m ³	0.31 U	0.31 U	0.31 U	0.65	0.65	0.57	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	1.2	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	0.52 U	0.52 U	0.52 U	7.7 D	26 D	14 D	4.1
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.1	2.1	0.75 U	2.4	2.2	2.0	2.4
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	1.8	0.70 J	0.51 J
Ethylbenzene	ug/m ³	0.97	0.66 U	0.66 U	2.8 D	0.62 J	0.71	0.75
Heptane	ug/m ³	0.75	0.62 U	0.62 U	10	11 D	17	7.0
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	1.3	4.9	1.2	390 D	92 D	190 D	91 D
m&p-Xylene	ug/m ³	3.1	1.1 J	1.3 U	6.2 J	1.5 J	2.1	2.1
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	0.53 U	1.7	0.46 J	48	200 D	95 D	58 D
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	0.97	0.66 U	0.66 U	2.5	0.57 J	0.75	0.79
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.65 U	0.65 U	0.65 U	0.91	3.6 J	1.6	1.3
Tetrachloroethene	ug/m ³	5.4	1.4	8.5	1.0 U	1.0 U	0.83 J	1.4
Tetrahydrofuran	ug/m ³	0.45 U	0.45 U	0.45 U	1.2	3.8	5.1	1.6
Toluene	ug/m ³	2.2	0.84	0.57 U	2.6	13 DJ	4.3	5.1
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	2.1	0.82 U	0.49 J	0.82	1.4 J	5.8	0.82
Trichlorofluoromethane	ug/m ³	0.97	0.86	0.86 U	42	7.5	7.4	55 D
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.39 U	0.10 U	0.39 U	0.10	0.39 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:	VMP-1C AA C1001026-007A	VMP-2A C1001026-003A	VMP-2A AA C1001026-014A	VMP-2B C1001026-015A	VMP-2B AA C1001027-011A	VMP-2C C1001026-013A	VMP-2C AA C1001027-013A
Date Collected: Sample Type Field Notes:	01/13/10 Indoor Air	01/13/10 Sub-Slab	01/13/10 Indoor Air	01/13/10 Sub-Slab	01/13/10 Indoor Air	01/13/10 Sub-Slab	01/13/10 Indoor Air Odor in room
1,1,1-Trichloroethane	0.83 U	0.83 U [0.83 U]	0.83 U	0.39 J	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U [1.0 U]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	1.2 U	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	0.83 U	0.83 U [0.83 U]	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	0.62 U	0.62 U [0.62 U]	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	0.60 U	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	1.1 UJ	1.1 UJ [1.1 UJ]	1.1 UJ	1.1 UJ	1.1 UJ	6.4 J	1.1 UJ
1,2,4-Trimethylbenzene	9.4	31 DJ [31 DJ]	5.0 DJ	6.5 DJ	12	140 DJ	11
1,2-Dibromoethane	1.2 U	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.1 U	1.1 U [1.1 U]	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	0.92 U	0.92 U [0.92 U]	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	0.62 U	0.62 U [0.62 U]	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	0.70 U	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	2.4	9.0 DJ [8.5 DJ]	3.0 J	3.6 J	3.1	35 DJ	3.0
1,3-Butadiene	0.34 U	0.34 U [0.34 U]	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	0.92 U	0.92 U [0.92 U]	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	0.92 U	0.92 U [0.92 U]	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane	1.1 U	1.1 U [1.1 U]	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.71 U	0.71 U [0.71 U]	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	2.7	8.7 DJ [8.1 J]	3.1	3.2	2.5	2.8 J	3.4
2-Hexanone	1.2 U	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	0.48 U	0.48 U [0.48 U]	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	2.8	7.5 J [8.4 J]	3.6 J	3.9 J	3.6	34 DJ	3.5
4-Methyl-2-pentanone	1.2 U	1.2 U [1.2 U]	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	38 D	57 DJ [88 DJ]	42 D	87 D	39 D	29 DJ	45 D
Benzene	1.2	1.1 J [1.1 J]	1.1 J	1.2 J	1.2	1.3 J	1.6
Benzyl Chloride	0.88 U	0.88 U [0.88 U]	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	1.0 U	1.0 U [1.0 U]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	1.6 U	1.6 U [1.6 U]	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	0.59 U	0.59 U [0.59 U]	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	0.47 U	0.47 U [0.47 U]	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride	0.38	0.38 J [0.38 J]	0.38 J	0.45 J	0.45	0.45 J	0.51
Chlorobenzene	0.70 U	0.70 U [0.70 U]	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	0.40 U	1.2 J [1.4 J]	0.40 U	0.30 J	0.40 U	0.40 U	0.40 U
Chloroform	0.74 U	0.50 J [0.74 U]	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Chloromethane	0.61	0.76 J [0.65 J]	0.46	0.71	0.57	0.59 J	0.59
cis-1,2-Dichloroethene	0.60 U	0.52 J [0.60 U]	0.60 U	0.60 U	0.60 U	0.64 J	0.60 U
cis-1,3-Dichloropropene	0.69 U	0.69 U [0.69 U]	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	24 D	15 DJ [15 DJ]	38 DJ	28 DJ	26 D	22 DJ	34 D
Dibromochloromethane	1.3 U	1.3 U [1.3 U]	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	2.1	9.8 J [12 DJ]	2.0	2.3	2.2	2.1 J	2.3
Ethyl acetate	0.77 J	1.8 J [1.3 J]	0.95	0.88 J	0.81 J	0.81 J	0.99
Ethylbenzene	1.1	6.7 J [7.7 J]	0.88 J	2.1 J	0.75	10 DJ	0.75
Heptane	31 D	12 DJ [12 DJ]	52 DJ	47 DJ	36 D	34 DJ	57 D
Hexachlorobutadiene	1.6 UJ	1.6 UJ [1.6 UJ]	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	520 D	440 DJ [540 DJ]	750 D	620 D	430 D	98 DJ	450 D
m&p-Xylene	3.3	25 DJ [26 DJ]	2.6 J	4.7 J	2.3	69 DJ	2.3
Methyl tert-butyl ether	0.55 U	0.55 U [0.55 U]	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	150 D	81 DJ [62 DJ]	220 D	190 D	170 D	140 DJ	220 D
n-Hexane	-	-	-	-	-	-	-
o-Xylene	1.1	12 DJ [12 DJ]	1.1 J	1.8 J	1.1	30 DJ	0.97
Propylene	0.26 U	0.26 U [0.26 U]	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	2.3	6.6 J [7.4 J]	4.0 J	5.0 J	3.2	5.9 J	2.9
Tetrachloroethene	1.1	2.6 J [2.8 J]	1.0 U	1.5 J	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	5.4	5.3 J [6.1 J]	6.6 D	6.0 D	4.5 D	5.4 DJ	5.4 D
Toluene	4.2	28 DJ [30 DJ]	4.7 J	11 DJ	4.7	15 DJ	6.1
trans-1,2-Dichloroethene	0.60 U	0.60 U [0.60 U]	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	0.69 U	0.69 U [0.69 U]	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	0.93	2.9 J [0.82 J]	0.76 J	1.9 J	0.93	3.4 J	1.2
Trichlorofluoromethane	9.9	4.2 J [4.5 J]	5.0	5.4	5.9	5.1 J	9.2
Vinyl Acetate	0.54 U	0.54 U [0.54 U]	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	0.67 U	0.67 U [0.67 U]	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	0.10 U	0.39 U [0.39 U]	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U

Notes:

- µg/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-3A C1001026-005A	VMP-3A AA C1001026-002A	VMP-3B C1001027-009A	VMP-3B AA C1001026-006A	VMP-3C C1001026-008A	VMP-3C AA C1001027-004A	VMP-3D C1001026-009A
Date Collected: Sample Type Field Notes:		01/13/10 Sub-Slab	01/13/10 Indoor Air	01/13/10 Sub-Slab	01/13/10 Indoor Air Odor in room	01/13/10 Sub-Slab	01/13/10 Indoor Air	01/13/10 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	88 D	0.83 U	0.50 J	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	6.4	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	3.0	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	12 DJ	1.3	5.7 J	1.0	0.80	1.3	0.90
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	5.4 J	0.50 J	2.0 J	0.50 J	0.85	0.70 J	0.50 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	1.2 J	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	3.6	17 D	8.7 J	13 D	4.0	4.9	6.3 DJ
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	5.4 J	0.50 J	1.1 J	0.75 U	0.75 U	0.75 U	0.75 U
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	17 D	140 D	130 D	110 D	86 D	30 D	81 D
Benzene	ug/m ³	0.81	1.3	1.3	1.1	1.1	1.1	1.1
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.73	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride	ug/m ³	0.96 U	0.45	0.51 J	0.38	0.38 J	0.45	0.45 J
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	21 D	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Chloromethane	ug/m ³	0.31 U	0.67	0.61	0.59	0.52	0.50	0.57
cis-1,2-Dichloroethene	ug/m ³	5.6	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	5.6	0.52 U	10 D	0.52 U	0.52 U	5.6	0.52 U
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.0	1.8	2.1	1.9	1.8	2.0	1.8
Ethyl acetate	ug/m ³	1.5	4.9	2.5	2.3	0.77 J	1.3	1.5
Ethylbenzene	ug/m ³	3.3 J	0.57 J	1.1 J	0.49 J	2.2	0.53 J	0.44 J
Heptane	ug/m ³	3.3	2.6	3.4	2.6	1.9	2.0	2.9
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	300 D	1,900 D	660 D	980 D	150 D	590 D	720 D
m&p-Xylene	ug/m ³	11 DJ	2.0	3.7 J	1.1 J	3.7	1.3 J	0.97 J
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	18 D	290 D	410 D	590 D	71 D	230 D	210 D
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	6.7 J	0.75	1.5 J	0.66 U	0.49 J	0.49 J	0.66 U
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.74 J	0.65 U	1.1 J	1.3	0.65 U	1.8	1.5
Tetrachloroethene	ug/m ³	90 DJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	1.6	4.5 D	7.2 D	6.9 D	1.5	5.8	4.5
Toluene	ug/m ³	11 DJ	9.6 D	8.4 DJ	7.7 D	11 D	6.2	5.5
trans-1,2-Dichloroethene	ug/m ³	0.93	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	1,900 D	0.76	1.7	1.1	0.71 J	0.71	0.82
Trichlorofluoromethane	ug/m ³	0.97	1.1	1.1	1.0	0.97	1.1	1.1
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-3D AA C1001027-002A	VMP-3E C1001027-008A	VMP-3E AA C1001027-014A	VMP-4 C1001026-012A	VMP-4 AA C1001026-011A	VMP-5 AA C1001026-001A
Date Collected: Sample Type Field Notes:		01/13/10 Indoor Air Odor in room	01/13/10 Sub-Slab	01/13/10 Indoor Air Orange cleaner odor	01/13/10 Sub-Slab	01/13/10 Indoor Air Odor in room	01/13/10 Indoor Air High traffic area
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 UJ
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 UJ
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 UJ
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 UJ
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	290 DJ	4.1 J	1.1	5.0 DJ	10	1.7 J
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 UJ
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 UJ
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 UJ
1,3,5-Trimethylbenzene	ug/m ³	62 DJ	0.75 U	0.75 U	3.1	2.5	0.60 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 UJ
1,4-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 UJ
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 UJ
2-Butanone	ug/m ³	4.2 J	3.4	2.8	3.2	3.9	11 DJ
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ
4-Ethyltoluene	ug/m ³	57 DJ	0.55 J	0.75 U	3.3	3.0	0.65 J
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ
Acetone	ug/m ³	70 DJ	49 D	39 D	100 DJ	110 D	200 DJ
Benzene	ug/m ³	1.4 J	0.75	1.3	1.2	1.3	1.3 J
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 UJ
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 UJ
Carbon Disulfide	ug/m ³	0.47 U	0.47 U	0.47 U	1.4	0.47 U	0.47 UJ
Carbon Tetrachloride	ug/m ³	0.51 J	0.45 J	0.51	0.45 J	0.45	0.51 UJ
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 UJ
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 UJ
Chloromethane	ug/m ³	0.57 J	0.65	0.50	0.59	0.61	0.67 J
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 UJ
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 UJ
Cyclohexane	ug/m ³	9.4 DJ	2.6	7.0 D	36 D	36 D	10 DJ
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 UJ
Dichlorodifluoromethane	ug/m ³	2.0 J	1.9	2.0	2.0	2.1	1.9 J
Ethyl acetate	ug/m ³	1.5 J	0.70 J	0.81 J	0.99	1.0	2.6 J
Ethylbenzene	ug/m ³	22 DJ	1.5 J	0.44 J	0.84	0.79	0.66 UJ
Heptane	ug/m ³	5.8 DJ	2.2	10 D	55 D	52 D	1.9 J
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	NA	NA	NA	NA	NA	NA
Isopropyl alcohol	ug/m ³	310 DJ	50 D	250 D	730 D	860 D	640 DJ
m&p-Xylene	ug/m ³	110 DJ	4.1 J	1.3 J	2.6	2.4	1.1 J
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 UJ
Methylene Chloride	ug/m ³	180 DJ	66 D	150 D	490 D	420 D	660 DJ
n-Hexane	ug/m ³	-	-	-	-	-	-
o-Xylene	ug/m ³	58 DJ	1.3 J	0.66 U	1.2	1.1	0.66 UJ
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 UJ
Styrene	ug/m ³	0.65 U	0.65 U	0.65 U	3.9	3.6	0.65 UJ
Tetrachloroethene	ug/m ³	1.0 U	8.6 J	1.0 U	6.1	1.0 U	1.0 UJ
Tetrahydrofuran	ug/m ³	5.3 J	0.66	3.3	8.1 D	9.6 D	50 DJ
Toluene	ug/m ³	36 DJ	4.0 J	4.0	5.3	5.5	8.4 DJ
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 UJ
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 UJ
Trichloroethene	ug/m ³	0.76 J	2.5	1.3	0.87	0.87	0.82 J
Trichlorofluoromethane	ug/m ³	2.7 J	1.0	1.9	5.7	5.8	1.1 J
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 UJ
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 UJ
Vinyl Chloride	ug/m ³	0.39 U	0.39 U	0.10 U	0.39 U	0.10 U	0.10 UJ

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:	VMP-7 AA C1001026-010A	I-AMB	SG-GH-1	VMP-1B	VMP-1B AA	VMP-2B	VMP-2B AA
Date Collected: Sample Type Field Notes:	01/13/10 Indoor Air	03/17/10 Indoor Air	03/17/10 Sub-Slab	01/25/11 Sub-Slab	01/25/11 Indoor Air	01/25/11 Sub-Slab	01/25/11 Indoor Air
1,1,1-Trichloroethane	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	69 D	0.83 U [0.83 U]
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
1,1,2-trichloro-1,2,2-trifluoroethane	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7	1.2 U [1.2 U]
1,1,2-Trichloroethane	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ [0.83 UJ]
1,1-Dichloroethane	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]
1,1-Dichloroethene	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
1,2,4-Trichlorobenzene	1.1 UJ	1.1 U	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ [1.1 UJ]
1,2,4-Trimethylbenzene	1.8	1.2	0.75	7.6	9.2	4.3	8.0 D [8.5 D]
1,2-Dibromoethane	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U [1.1 U]
1,2-Dichlorobenzene	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,2-Dichloroethane	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]
1,2-Dichloropropane	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]
1,3,5-Trimethylbenzene	0.70 J	1.9	0.75 U	1.6	2.2	1.0	2.7 [2.6]
1,3-Butadiene	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U [0.34 U]
1,3-Dichlorobenzene	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,4-Dichlorobenzene	0.92 U	0.92 U	0.92 U	0.73 J	0.92 U	0.92 U	0.92 U [0.92 U]
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U [1.1 U]
2,2,4-Trimethylpentane	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U [0.71 U]
2-Butanone	11 D	0.90 U	0.81 J	0.90 U	0.90 U	0.90 U	0.90 U [0.90 U]
2-Hexanone	1.2 U	1.2 UJ	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
3-Chloropropene	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U [0.48 U]
4-Ethyltoluene	0.65 J	0.50 J	0.75 U	1.4	1.6	0.55 J	2.4 [2.3]
4-Methyl-2-pentanone	1.2 U	1.2 UJ	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
Acetone	190 D	31	12	9.9 D	12 D	4.8	19 D [24 D]
Benzene	1.3	0.58	0.75	1.3	1.2	0.49 U	1.3 [1.1]
Benzyl Chloride	0.88 U	0.88 U	0.88 U	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ [0.88 UJ]
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
Bromoform	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U [1.6 U]
Bromomethane	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U [0.59 U]
Carbon Disulfide	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.76	0.47 U [0.47 U]
Carbon Tetrachloride	0.45	0.70	0.96 U	0.32 J	0.38	0.32 J	0.32 [0.38]
Chlorobenzene	0.70 U	0.70 U	0.70 U	0.89	1.0	0.70 U	1.4 [1.4]
Chloroethane	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]
Chloroform	0.74 U	0.79	0.74 U	0.74 U	0.74 U	0.89	0.74 U [0.74 U]
Chloromethane	0.97	0.31 U	0.69	0.71	0.78	0.31 U	0.86 [0.69]
cis-1,2-Dichloroethene	0.60 U	2.3	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
cis-1,3-Dichloropropene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U [0.69 U]
Cyclohexane	14 D	1.1	4.1	10 D	16 D	0.52 U	15 D [13 D]
Dibromochloromethane	1.3 U	1.3 UJ	1.3 UJ	1.3 U	1.3 U	1.3 U	1.3 U [1.3 U]
Dichlorodifluoromethane	1.9	0.75 U	2.4	2.0 J	2.6 J	33 J	2.2 J [2.2 J]
Ethyl acetate	9.9 D	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
Ethylbenzene	0.57 J	0.66 U	0.66 U	0.71	0.84	0.66	0.79 [0.84]
Heptane	1.6	0.62 U	0.46 J	5.4 JD	7.9 D	0.62 U	6.5 [6.0]
Hexachlorobutadiene	1.6 UJ	1.6 U	1.6 U	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ [1.6 UJ]
Isopropanol	NA	NA	NA	150 JD	220 JD	3.1 J	290 JD [310 JD]
Isopropyl alcohol	2,000 D	0.37 U	18	1.6 J	1.9 J	2.3 J	1.6 J [1.6 J]
m&p-Xylene	1.6	0.66 J	0.79 J	0.55 U	0.55 U	0.55 U	0.55 U [0.55 U]
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	16 D	21 D	0.53 U	18 D [20 D]
Methylene Chloride	1,800 D	1.6	0.56	1.1	1.0	0.54 U	1.2 [1.0]
n-Hexane	-	0.54 U	0.54 U	-	-	-	-
o-Xylene	0.53 J	0.66 U	0.66 U	0.79	0.93	1.0	0.88 [0.97]
Propylene	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ [0.26 UJ]
Styrene	0.78	0.65 U	0.65 U	2.6	3.6	0.65 U	5.1 [4.4]
Tetrachloroethene	1.0 U	1.6 J	1.9 J	1.0 U	2.3	90 D	1.0 U [1.0 U]
Tetrahydrofuran	70 D	0.45 U	0.45 U	0.45 UJ	0.45 UJ	0.45 UJ	0.45 UJ [0.45 UJ]
Toluene	13 D	1.6	1.6	3.4	3.4	2.2	3.0 [2.9]
trans-1,2-Dichloroethene	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
trans-1,3-Dichloropropene	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ [0.69 UJ]
Trichloroethene	0.87	9.9	0.87	0.71 J	0.71	33 D	0.66 [0.60]
Trichlorofluoromethane	1.0	1.7	1.7	1.9	2.2	2.3	2.1 [1.9]
Vinyl Acetate	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U [0.54 U]
Vinyl Bromide	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U [0.67 U]
Vinyl Chloride	0.10 U	0.10 U	0.39 U	0.39 U	0.10 U	0.39 U	0.10 U [0.10 U]

Notes:
 µg/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-2C	VMP-2C AA	VMP-3A	VMP-3A AA	VMP-3B	VMP-3B AA	VMP-3D
Date Collected: Sample Type Field Notes:		01/25/11 Sub-Slab	01/25/11 Indoor Air	01/25/11 Sub-Slab	01/25/11 Indoor Air	01/24/11 Sub-Slab	01/25/11 Indoor Air	01/25/11 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	11	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U [0.83 U]
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	2.6	1.2 U	0.78 J	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
1,1,2-Trichloroethane	ug/m ³	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ [0.83 UJ]
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ [1.1 UJ]
1,2,4-Trimethylbenzene	ug/m ³	6.0 D	9.5 D	1.0	1.3	1.7	1.3	1.0 [0.95]
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U [1.1 U]
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]
1,3,5-Trimethylbenzene	ug/m ³	2.0	3.2	0.75 U	0.50 J	0.80	0.55 J	0.75 U [0.75 U]
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U [0.34 U]
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,4-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	4.4	3.7	4.6	1.4	0.73 J [0.67 J]
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U [1.1 U]
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U [0.71 U]
2-Butanone	ug/m ³	0.90 U	0.90 U	0.90 U	4.2	0.90 U	0.90 U	0.90 U [0.90 U]
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U [0.48 U]
4-Ethyltoluene	ug/m ³	1.6	2.7	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U [0.75 U]
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
Acetone	ug/m ³	9.7 D	25 D	22 D	35 D	29 D	19 D	8.2 D [7.8 D]
Benzene	ug/m ³	0.58	1.2	0.84	0.88	1.0	0.84	0.94 [0.94]
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ [0.88 UJ]
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U [1.6 U]
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U [0.59 U]
Carbon Disulfide	ug/m ³	0.73	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U [0.47 U]
Carbon Tetrachloride	ug/m ³	0.26 J	0.38	0.38 J	0.26	0.38 J	0.26	0.32 J [0.32 J]
Chlorobenzene	ug/m ³	0.47 J	1.5	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]
Chloroform	ug/m ³	4.5	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U [0.74 U]
Chloromethane	ug/m ³	0.40	0.71	0.67	0.94	0.65	0.67	0.73 [0.55]
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U [0.69 U]
Cyclohexane	ug/m ³	4.9	15 D	1.5	1.4	1.8	0.52 U	0.52 U [1.6]
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U [1.3 U]
Dichlorodifluoromethane	ug/m ³	2.2 J	2.2 J	2.0 J	2.5 J	2.1 J	1.9 J	2.1 J [1.9 J]
Ethyl acetate	ug/m ³	0.92 U	0.92 U	1.2	1.0	0.92 U	0.92 U	0.92 U [0.92 U]
Ethylbenzene	ug/m ³	1.7	1.5	0.66 U	0.66 U	1.2	0.97	0.62 J [0.44 J]
Heptane	ug/m ³	2.9	6.3	1.4	1.7	3.2	3.1	3.2 [3.2]
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ [1.6 UJ]
Isopropanol	ug/m ³	180 JD	410 JD	490 JD	610 JD	290 JD	210 JD	55 JD [63 JD]
Isopropyl alcohol	ug/m ³	5.2 J	4.2 J	1.3 J	1.3 J	1.9 J	1.1 J	1.2 J [1.1 J]
m&p-Xylene	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U [0.55 U]
Methyl tert-butyl ether	ug/m ³	9.2 D	20 D	380 D	530 D	160 D	150 D	28 D [28 D]
Methylene Chloride	ug/m ³	0.64	1.4	0.97	1.7	1.1	1.1	0.97 [0.75]
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	2.1	2.1	0.66 U	0.44 J	1.1	0.79	0.49 J [0.49 J]
Propylene	ug/m ³	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ [0.26 UJ]
Styrene	ug/m ³	1.8	5.2	0.65 U	0.65 U	7.2	8.6	2.7 [2.5]
Tetrachloroethene	ug/m ³	11	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
Tetrahydrofuran	ug/m ³	0.45 UJ	0.45 UJ	5.9 J	9.2 J	0.45 UJ	0.45 UJ	0.45 UJ [0.45 UJ]
Toluene	ug/m ³	4.3	5.2	6.6	5.5 D	11 D	12 D	3.2 [3.0]
trans-1,2-Dichloroethene	ug/m ³	1.5	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
trans-1,3-Dichloropropene	ug/m ³	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ [0.69 UJ]
Trichloroethene	ug/m ³	3.3	0.60	0.33 J	0.55	0.60 J	0.66	0.49 J [0.60 J]
Trichlorofluoromethane	ug/m ³	1.9	1.9	1.2	1.4	1.3	1.3	1.3 [1.1]
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U [0.54 U]
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U [0.67 U]
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U [0.39 U]

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-3D AA	VMP-3E	VMP-3E AA	VMP-4	VMP-4 AA	VMP-5A	VMP-5A AA
Date Collected: Sample Type Field Notes:		01/26/11 Indoor Air	01/24/11 Sub-Slab	01/25/11 Indoor Air	01/25/11 Sub-Slab	01/25/11 Indoor Air	01/25/11 Sub-Slab	01/25/11 Indoor Air
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	1.1	5.1	3.8	5.6 JD	9.6	2.3	2.2
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	0.75 U	1.2	0.55 J	2.6	2.2	0.70 J	0.70 J
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	23 D	34 D
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	6.9	3.7
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	0.75 U	1.1	0.80	2.3	1.8	0.75 U	0.75 U
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	8.9 D	6.9 D	6.5 D	9.1 D	22 D	43 D	56 D
Benzene	ug/m ³	0.91	0.94	0.88 J	1.3	1.1	1.2	1.2
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 U	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	1.8	0.47 U
Carbon Tetrachloride	ug/m ³	0.32	0.38 J	0.32	0.32 J	0.38	0.26 J	0.32
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	1.2	0.98	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.55 J	0.74 U	0.74 U
Chloromethane	ug/m ³	0.76	0.80	0.61	0.82	0.76	0.88	0.76
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	1.4	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	0.52 U	0.52 U	0.52 U	9.0 D	10 D	1.6	2.6
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	1.7 J	2.3 J	1.9 J	2.4 J	2.0 J	1.9 J	1.7 J
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	7.9 D	25 D
Ethylbenzene	ug/m ³	0.53 J	0.93	0.79	0.88	0.71	0.79	0.84
Heptane	ug/m ³	3.3	12	21 D	6.8	3.9	3.0	5.0
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	51 JD	15 JD	19 JD	320 JD	180 JD	970 JD	540 JD
Isopropyl alcohol	ug/m ³	1.0 J	2.1 J	1.6 J	1.9 J	1.5 J	2.3 J	2.3 J
m&p-Xylene	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methyl tert-butyl ether	ug/m ³	30 D	5.9	9.7 D	20 D	23 D	190 D	120 D
Methylene Chloride	ug/m ³	0.97	1.8	1.4	1.3	1.4	1.7	1.7
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	0.53 J	0.62 J	0.66	1.1	0.93	0.66	0.62 J
Propylene	ug/m ³	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ
Styrene	ug/m ³	2.5	1.1	2.1	4.2	3.6	0.65 U	0.65 U
Tetrachloroethene	ug/m ³	1.0 U	1.2	0.69 J	1.0 U	0.90 J	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	0.45 UJ	0.45 UJ	0.45 UJ	0.45 UJ	0.45 UJ	3.3 J	1.7 J
Toluene	ug/m ³	2.6	5.8	5.7	3.9	3.6	16 D	31 D
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ
Trichloroethene	ug/m ³	0.55	1.3	1.3	2.0	7.8	0.49 J	0.76
Trichlorofluoromethane	ug/m ³	1.0	1.4	1.0	2.1	1.9	1.0	1.0
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-5B	VMP-5B AA	VMP-6	VMP-6 AA	VMP-6A	VMP-6A AA	VMP-7
Date Collected: Sample Type Field Notes:		01/25/11 Sub-Slab	01/25/11 Indoor Air	01/24/11 Sub-Slab	01/24/11 Indoor Air	01/24/11 Sub-Slab	01/24/11 Indoor Air	01/24/11 Sub-Slab
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U	0.83 U	13 D	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	0.86 J	1.2 U	1.2 U	1.2 U	17 D	1.2 U	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.49 J	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
1,2,4-Trimethylbenzene	ug/m ³	1.0	1.1	2.8	1.5	5.5	2.4	7.8
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	0.75 U	0.50 J	0.80	0.75 U	1.4	0.60 J	1.4
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	3.9	6.7	8.0	7.6	2.3	3.1	0.92
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	0.90 U	3.1	3.1	3.0	2.3	3.4	8.6 D
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	0.75 U	0.75 U	0.60 J	0.75 U	0.80	0.75 U	1.2
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetone	ug/m ³	19 D	43 D	31 D	28 D	19 D	23 D	23 D
Benzene	ug/m ³	0.88	0.91	1.0	1.2	0.62	1.0	1.6
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ	0.88 UJ
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.92	0.47 U	0.32 J	0.44 J	0.44 J	0.41 J	0.63
Carbon Tetrachloride	ug/m ³	0.32 J	0.32	0.32 J	0.38	0.32 J	0.32	0.38 J
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U	0.74 U	1.4	0.74 U	0.74 U
Chloromethane	ug/m ³	0.65	0.69	0.61	0.71	0.42	0.59	0.73
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	1.1	1.6	1.8	1.5	2.9	5.8	6.8
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.1 J	2.0 J	2.0 J	2.4 J	2.0 J	1.9 J	2.1 J
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Ethylbenzene	ug/m ³	0.49 J	0.49 J	0.84	0.57 J	1.1	0.66	2.7
Heptane	ug/m ³	1.1	2.0	2.6	3.4	0.62 U	2.5	3.4
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Isopropanol	ug/m ³	460 JD	590 JD	1500 JD	1100 JD	980 JD	1400 JD	1200 JD
Isopropyl alcohol	ug/m ³	1.2 J	1.1 J	2.1 J	1.3 J	3.2 J	2.0 J	8.7 J
m&p-Xylene	ug/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methyl tert-butyl ether	ug/m ³	320 D	500 D	800 D	700 D	620 D	800 D	850 D
Methylene Chloride	ug/m ³	1.2	1.3	2.0	2.7	1.8	2.6	2.5
n-Hexane	ug/m ³	-	-	-	-	-	-	-
o-Xylene	ug/m ³	0.66 U	0.44 J	0.75	0.57 J	1.1	0.79	3.1
Propylene	ug/m ³	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ
Styrene	ug/m ³	0.65 U	0.65 U	0.56 J	0.65 U	0.87	0.74	1.4
Tetrachloroethene	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	6.8	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	4.7 J	9.5 J	11	8.1 JD	23 JD	38 JD	21 JD
Toluene	ug/m ³	4.1	7.5	5.8 D	6.5 D	4.9	5.5	8.3 D
trans-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.44 J	0.60 U	0.73	0.56 J	0.56 J
trans-1,3-Dichloropropene	ug/m ³	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ
Trichloroethene	ug/m ³	0.27 J	0.38	0.49 J	1.3	4.8	0.60	0.55 J
Trichlorofluoromethane	ug/m ³	1.3	1.3	1.3	1.4	1.4	1.1	1.3
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U	0.54 U	2.6	4.2	5.3
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U	0.10 U	0.39 U

Notes:
 ug/m³ = Micrograms per cubic meter.
 [1.0 U] = Duplicate results in brackets.
 D = Concentration is based on a diluted sample analysis.
 E = Concentration exceeded calibrated range.
 J = Analyte detected at or below quantitation limits.
 U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-7 AA	VMP-7A	VMP-7A AA	VMP-1B 01/25/12 Between Kitting & Molding Storage DOC	VMP-2B 01/25/12 Adjacent to Leadwire Assembly - South	VMP-2C 01/25/12 Adjacent to Cable Assembly	VMP-3A 01/26/12 CET Warehouse	VMP-3B 01/26/12 Near Southeast Side of CET Packaging
Date Collected: Sample Type Field Notes:		01/24/11 Indoor Air	01/24/11 Sub-Slab	01/24/11 Indoor Air	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	
1,1,1-Trichloroethane	ug/m ³	0.83 U	70 D	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	34 D	1.2 U	1.2 U	1.2 U	0.86 J	0.86 J	0.86 J
1,1,2-Trichloroethane	ug/m ³	0.83 UJ	0.83 UJ	0.83 UJ	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	3.3	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	3.5	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	1.4	10	1.1	6.6	11	14	1.9	1.2
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	0.50 J	2.2	0.75 U	2.5	3.7	5.2	0.70 J	0.75 U
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	3.5	0.92 U	2.9	0.73 J	0.92	1.2	11	0.92 U
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	6.9	2.2	4.3	1.1	0.90 U	0.90 U	10	2.5
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	0.75 U	1.6	0.75 U	2.4	4.0	5.5	0.75	0.75 U
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	0.75 J	2.5	0.62 J
Acetone	ug/m ³	23 D	5.1 JD	22 D	13	63 D	18 D	100 D	46 D
Benzene	ug/m ³	1.1	0.49	1.0	0.49 U	0.71	0.88	1.1	1.0
Benzyl Chloride	ug/m ³	0.88 UJ	0.88 UJ	0.88 UJ	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.47 U	1.9	0.47 U	0.47 U	0.47 U	0.41 J	0.47 U	0.47 U
Carbon Tetrachloride	ug/m ³	0.26	0.96 U	0.32	0.96 U	0.70 J	0.83 J	0.70 J	0.77 J
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	16 D	0.74 U	0.74 U	0.55 J	0.74 U	0.74 U	0.74 U
Chloromethane	ug/m ³	0.69	0.31 U	0.65	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.48 J	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	6.3	0.66	5.3	10 DJ	10 D	8.4 DJ	8.7	5.5
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	2.3 J	2.1 J	1.9 J	2.2	2.8	3.1	2.8	3.0
Ethyl acetate	ug/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	1.5	0.92 U
Ethylbenzene	ug/m ³	0.66	2.0	0.53 J	1.6	2.0	3.0	1.7	0.93
Heptane	ug/m ³	2.2	0.75	2.0	9.2 DJ	2.6	4.5	5.2	3.3
Hexachlorobutadiene	ug/m ³	1.6 UJ	1.6 UJ	1.6 UJ	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	1600 JD	41 JD	1200 JD	-	-	-	-	-
Isopropyl alcohol	ug/m ³	1.5 J	6.9 J	1.4 J	420 EDJ	460 EDJ	420 EDJ	2,700 EDJ	330 D
m&p-Xylene	ug/m ³	0.55 U	0.55 U	0.55 U	1.6	2.3	3.5	4.6	1.8
Methyl tert-butyl ether	ug/m ³	970 D	35 D	1200 D	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	2.2	1.2	2.0	110 D	190 D	160 D	1,900 D	180 D
n-Hexane	ug/m ³	-	-	-	0.82	0.54 U	0.54 U	0.54 U	0.54 U
o-Xylene	ug/m ³	0.62 J	2.6	0.66 U	0.57 J	0.75	1.1	1.2	0.62 J
Propylene	ug/m ³	0.26 UJ	0.26 UJ	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.87	0.91	0.56 J	2.1	3.0	5.5	5.8	1.3
Tetrachloroethene	ug/m ³	1.0 U	43 D	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	31 JD	5.4 J	95 JD	3.9	6.6	8.4	58 D	5.4
Toluene	ug/m ³	6.4	8.4 D	6.5	1.6	2.2	2.5	6.8	9.2 DJ
trans-1,2-Dichloroethene	ug/m ³	0.60	1.1	0.60 U	5.4	6.0	8.1	3.2	0.60 U
trans-1,3-Dichloropropene	ug/m ³	0.69 UJ	0.69 UJ	0.69 UJ	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	0.55	350 D	0.44	0.82 U	1.2	0.82 U	0.66 J	0.82 U
Trichlorofluoromethane	ug/m ³	1.4	1.2	1.3	35 D	64 D	50 D	9.7	140 D
Vinyl Acetate	ug/m ³	5.7	0.54 U	3.9	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.10 U	0.39 U	0.10 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:

- ug/m³ = Micrograms per cubic meter.
- [1.0 U] = Duplicate results in brackets.
- D = Concentration is based on a diluted sample analysis.
- E = Concentration exceeded calibrated range.
- J = Analyte detected at or below quantitation limits.
- U = Not detected at the reporting limit.

Table A-1. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Lab Sample ID:		VMP-6A 01/26/12 Central Utica National	VMP-7 01/26/12 Between Kitting & Molding Storage DOC	VMP-7A 02/07/12 Southwest Utica National
Date Collected: Sample Type Field Notes:		Indoor Air	Indoor Air	Indoor Air
1,1,1-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	ug/m ³	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/m ³	1.2 U	0.93 J	1.2 U
1,1,2-Trichloroethane	ug/m ³	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	ug/m ³	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	ug/m ³	2.7	2.7	1.7
1,2-Dibromoethane	ug/m ³	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m ³	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	ug/m ³	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	ug/m ³	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	ug/m ³	1.4	1.2	0.85
1,3-Butadiene	ug/m ³	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/m ³	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	ug/m ³	7.5	7.0	9.8
1,4-Dioxane	ug/m ³	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	ug/m ³	0.71 U	0.71 U	0.71 U
2-Butanone	ug/m ³	3.7	3.7	0.90 U
2-Hexanone	ug/m ³	1.2 U	1.2 U	1.2 U
3-Chloropropene	ug/m ³	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	ug/m ³	1.1	1.0	0.70 J
4-Methyl-2-pentanone	ug/m ³	1.2 U	1.2 U	0.71 J
Acetone	ug/m ³	210 D	130 D	94 D
Benzene	ug/m ³	1.0	1.1	0.71
Benzyl Chloride	ug/m ³	0.88 U	0.88 U	0.88 U
Bromodichloromethane	ug/m ³	1.0 U	1.0 U	1.0 U
Bromoform	ug/m ³	1.6 U	1.6 U	1.6 U
Bromomethane	ug/m ³	0.59 U	0.59 U	0.59 U
Carbon Disulfide	ug/m ³	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride	ug/m ³	0.77	0.77	0.26 U
Chlorobenzene	ug/m ³	0.70 U	0.70 U	0.70 U
Chloroethane	ug/m ³	0.40 U	0.40 U	0.40 U
Chloroform	ug/m ³	0.74 U	0.74 U	0.74 U
Chloromethane	ug/m ³	0.31 U	0.31 U	0.94
cis-1,2-Dichloroethene	ug/m ³	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U
Cyclohexane	ug/m ³	17 D	15 D	15 D
Dibromochloromethane	ug/m ³	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	ug/m ³	3.0	3.1	2.3
Ethyl acetate	ug/m ³	0.92 U	0.92 U	2.1
Ethylbenzene	ug/m ³	3.2	3.1	1.8
Heptane	ug/m ³	5.4	5.8	2.2
Hexachlorobutadiene	ug/m ³	1.6 U	1.6 U	1.6 U
Isopropanol	ug/m ³	-	-	-
Isopropyl alcohol	ug/m ³	5,600 EDJ	3,700 DJ	1,900 D
m&p-Xylene	ug/m ³	7.8	7.8	2.3
Methyl tert-butyl ether	ug/m ³	0.55 U	0.55 U	0.55 U
Methylene Chloride	ug/m ³	4,400 D	2,500 D	1,400 D
n-Hexane	ug/m ³	0.54 U	0.54 U	5.3
o-Xylene	ug/m ³	1.8	1.7	0.66
Propylene	ug/m ³	0.26 U	0.26 U	0.26 U
Styrene	ug/m ³	0.65 U	0.65 U	1.7
Tetrachloroethene	ug/m ³	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	ug/m ³	250 D	150 D	140 D
Toluene	ug/m ³	8.4 D	8.5	6.2
trans-1,2-Dichloroethene	ug/m ³	2.1	2.1	11
trans-1,3-Dichloropropene	ug/m ³	0.69 U	0.69 U	0.69 U
Trichloroethene	ug/m ³	0.44	0.22 U	0.71
Trichlorofluoromethane	ug/m ³	51 D	42 D	2.1
Vinyl Acetate	ug/m ³	0.54 U	0.54 U	0.54 U
Vinyl Bromide	ug/m ³	0.67 U	0.67 U	0.67 U
Vinyl Chloride	ug/m ³	0.10 U	0.10 U	0.10 U

Notes:

ug/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

D = Concentration is based on a diluted sample analysis.

E = Concentration exceeded calibrated range.

J = Analyte detected at or below quantitation limits.

U = Not detected at the reporting limit.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SS-VMP-1B 01/24/13 Between Kitting & Molding Storage DOC	SS-VMP-2B 01/24/13 Adjacent to Leadwire Assembly South	SS-VMP-2C 01/24/13 Adjacent to Cable Assembly	SS-VMP-3A 01/23/13 CET Warehouse	SS-VMP-3B 01/24/13 Near Southeast Side of CET Packaging Area
1,1,1-Trichloroethane	µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	1.2	1.2 U	1.2 U	1.0 J	1.1 J
1,1,2-Trichloroethane	µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene	µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene	µg/m ³	1.1 U	1.1 U	1.1 U	R	1.1 U
1,2,4-Trimethylbenzene	µg/m ³	1.1	0.55 J	1.0 J	2.9	1.8
1,2-Dibromoethane	µg/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	µg/m ³	0.75 U	0.75 U	0.50 J	0.95 J	0.65 J
1,3-Butadiene	µg/m ³	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
1,3-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane	µg/m ³	1.1 UJ	1.1 UJ	1.1 UJ	R	1.1 UJ
2,2,4-Trimethylpentane	µg/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone	µg/m ³	0.84 J	1.0 J	1.8 J	2.5 J	1.0 J
2-Hexanone	µg/m ³	1.2 U	1.2 U	1.2 U	R	1.2 U
3-Chloropropene	µg/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	µg/m ³	0.75 U	0.75 U	0.75 U	0.85	0.75 U
4-Methyl-2-pentanone	µg/m ³	1.2 U	1.2 U	1.2 U	R	1.2 U
Acetone	µg/m ³	17 D	19 D	18 D	29 D	17 D
Benzene	µg/m ³	1.3	1.1	0.84	1.3	1.7
Benzyl Chloride	µg/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	µg/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	µg/m ³	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride	µg/m ³	0.70 J	0.70	0.64 J	0.70 J	0.77 J
Chlorobenzene	µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	µg/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	µg/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Chloromethane	µg/m ³	1.2	1.2	1.1	1.4 J	1.3
cis-1,2-Dichloroethene	µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	µg/m ³	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
Dibromochloromethane	µg/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	µg/m ³	2.7	3.0	2.8	3.2	2.8
Ethyl acetate	µg/m ³	0.92 U	0.44 J	0.92 U	1.8 J	0.40 J
Ethylbenzene	µg/m ³	0.79	0.49 J	0.66 J	1.6	0.88
Heptane	µg/m ³	0.58 J	0.79	0.87	5.2	1.0
Hexachlorobutadiene	µg/m ³	1.6 U	1.6 U	1.6 U	R	1.6 U
Isopropyl alcohol	µg/m ³	190 DJ	270 DJ	310 DJ	790 D	250 DJ
m&p-Xylene	µg/m ³	1.6	0.88 J	1.6 J	5.9	2.3
Methyl tert-butyl ether	µg/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	µg/m ³	42 D	32 D	30 D	3,300 D	190 D
n-Hexane	µg/m ³	0.54 UJ	0.54 UJ	0.54 UJ	5.1 J	0.57 J
o-Xylene	µg/m ³	0.57 J	0.66 U	0.66 J	1.9	0.75
Propylene	µg/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	µg/m ³	2.6	1.9	1.8 J	0.61 J	1.4

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SS-VMP-1B 01/24/13 Between Kitting & Molding Storage DOC	SS-VMP-2B 01/24/13 Adjacent to Leadwire Assembly South	SS-VMP-2C 01/24/13 Adjacent to Cable Assembly	SS-VMP-3A 01/23/13 CET Warehouse	SS-VMP-3B 01/24/13 Near Southeast Side of CET Packaging Area
Tetrachloroethene	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	µg/m ³	0.75	0.66	0.66	1.9 J	0.87
Toluene	µg/m ³	2.1	1.5	1.6 J	6.9 D	2.3
trans-1,2-Dichloroethene	µg/m ³	2.4 J	3.2 J	2.7 J	1.4	2.9 J
trans-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	µg/m ³	0.82 U	0.33	0.82 U	1.7	0.82 U
Trichlorofluoromethane	µg/m ³	44 D	25 D	27 D	5.2	9.1
Vinyl Acetate	µg/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	µg/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	µg/m ³	0.39 U	0.10 U	0.39 U	0.39 U	0.39 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation limits and/or estimated value.

U = Not detected at the reporting limit.

R = Data rejected as part of validation.

D = Diluted concentration reported.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SS-VMP-3D 01/24/13 Near Southwest Side of Mold Storage	SS-VMP-3E 01/24/13 Mold Storage	SS-VMP-4 01/24/13 Southeast Side of Mold Storage	SS-VMP-5A 01/23/13 Northwest Utica National	SS-VMP-5B 01/23/13 CET Warehouse	SS-VMP-6 01/24/13 Northeast Utica National
1,1,1-Trichloroethane	µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U [0.83 U]
1,1,2,2-Tetrachloroethane	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	1.1 J	1.2 U	1.2 U	1.0 J	1.2	1.2 U [1.2 U]
1,1,2-Trichloroethane	µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U [0.83 U]
1,1-Dichloroethane	µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]
1,1-Dichloroethene	µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
1,2,4-Trichlorobenzene	µg/m ³	1.1 U	1.1 U	1.1 U	R	R	1.1 U [1.1 U]
1,2,4-Trimethylbenzene	µg/m ³	0.80	0.60 J	0.80	2.4	2.7	2.1 [1.7 J]
1,2-Dibromoethane	µg/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U [1.1 U]
1,2-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,2-Dichloroethane	µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]
1,2-Dichloropropane	µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]
1,3,5-Trimethylbenzene	µg/m ³	0.75 U	0.75 U	0.75 U	0.90 J	1.2 J	0.70 J [0.65 J]
1,3-Butadiene	µg/m ³	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 UJ	0.34 U [0.34 U]
1,3-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,4-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]
1,4-Dioxane	µg/m ³	1.1 UJ	1.1 UJ	1.1 UJ	R	R	1.1 UJ [1.1 UJ]
2,2,4-Trimethylpentane	µg/m ³	0.71 U	0.71 U	0.71 U	0.85	0.71 U	0.71 U [0.71 U]
2-Butanone	µg/m ³	0.84 J	1.0 J	4.0 J	2.4 J	2.5 J	2.3 J [2.4 J]
2-Hexanone	µg/m ³	1.2 U	1.2 U	1.2 U	R	R	1.2 U [1.2 U]
3-Chloropropene	µg/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U [0.48 U]
4-Ethyltoluene	µg/m ³	0.75 U	0.75 U	0.75 U	0.75 J	1.2 J	0.65 J [0.55 J]
4-Methyl-2-pentanone	µg/m ³	1.2 U	1.2 U	1.2 U	R	R	1.2 U [0.54 J]
Acetone	µg/m ³	15 D	8.5 D	26 D	35 D	33 D	50 D [45 D]
Benzene	µg/m ³	1.8	2.0	1.1	3.3	2.0	1.3 [1.3]
Benzyl Chloride	µg/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U [0.88 U]
Bromodichloromethane	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]
Bromoform	µg/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U [1.6 U]
Bromomethane	µg/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U [0.59 U]
Carbon Disulfide	µg/m ³	0.47 U	0.47 U	0.47 U	0.47 U	0.47	0.47 U [0.47 U]
Carbon Tetrachloride	µg/m ³	0.83 J	0.64 J	0.64 J	0.77 J	0.70 J	0.64 J [0.64 J]
Chlorobenzene	µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]
Chloroethane	µg/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]
Chloroform	µg/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U [0.74 U]
Chloromethane	µg/m ³	1.3	1.0	1.2	1.5 J	1.5 J	1.4 [1.4]
cis-1,2-Dichloroethene	µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]
cis-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U [0.69 U]
Cyclohexane	µg/m ³	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]
Dibromochloromethane	µg/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U [1.3 U]
Dichlorodifluoromethane	µg/m ³	2.8	2.6	2.9	3.5	3.3	2.8 [2.8]
Ethyl acetate	µg/m ³	0.92 U	0.92 U	0.55 J	3.6 J	2.7 J	1.0 [0.84 J]
Ethylbenzene	µg/m ³	0.62 J	0.71	0.88	2.2	3.7	0.66 [0.75 J]
Heptane	µg/m ³	1.1	0.46 J	0.67	5.7	5.3	5.9 [5.8]
Hexachlorobutadiene	µg/m ³	1.6 U	1.6 U	1.6 U	R	R	1.6 U [1.6 U]
Isopropyl alcohol	µg/m ³	330 DJ	37 D	970 DJ	890 DJ	1,200 DJ	1,000 DJ [2,800 DJ]
m&p-Xylene	µg/m ³	1.1 J	1.3	1.3	7.7	8.8 D	1.4 [1.5 J]
Methyl tert-butyl ether	µg/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U [0.55 U]
Methylene Chloride	µg/m ³	250 D	25 D	49 D	3,900 D	4,100 D	3,600 D [2,300 D]
n-Hexane	µg/m ³	0.39 J	0.39 J	0.54 UJ	5.8 J	5.0 J	1.3 J [1.2 J]
o-Xylene	µg/m ³	0.49 J	0.66 U	0.53 J	2.3	3.6	0.53 J [0.62 J]
Propylene	µg/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U [0.26 U]
Styrene	µg/m ³	1.5	0.74	2.7	0.82	0.69	0.56 J [0.69 J]

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SS-VMP-3D 01/24/13 Near Southwest Side of Mold Storage	SS-VMP-3E 01/24/13 Mold Storage	SS-VMP-4 01/24/13 Southeast Side of Mold Storage	SS-VMP-5A 01/23/13 Northwest Utica National	SS-VMP-5B 01/23/13 CET Warehouse	SS-VMP-6 01/24/13 Northeast Utica National
Tetrachloroethene	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	0.97 J	1.0 U [1.0 U]
Tetrahydrofuran	µg/m ³	0.45	0.45 U	1.3	1.8 J	1.3 J	28 D [23 D]
Toluene	µg/m ³	2.2	1.9	2.5	15 D	17 D	3.0 [3.5 J]
trans-1,2-Dichloroethene	µg/m ³	1.0 J	0.60 UJ	11 DJ	1.5	1.1	62 DJ [54 DJ]
trans-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U [0.69 U]
Trichloroethene	µg/m ³	0.82 U	0.82 U	0.82 U	1.6	1.5	0.82 U [0.82 U]
Trichlorofluoromethane	µg/m ³	12	33 D	27 D	6.2	4.6	3.0 [2.7]
Vinyl Acetate	µg/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U [0.54 U]
Vinyl Bromide	µg/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U [0.67 U]
Vinyl Chloride	µg/m ³	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U [0.39 U]

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation limits and/or estimated value.

U = Not detected at the reporting limit.

R = Data rejected as part of validation.

D = Diluted concentration reported.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SS-VMP-6A 01/23/13 Central Utica National	SS-VMP-6B 01/24/13 Central Utica National	SS-VMP-7 01/23/13 Between Kitting & Molding Storage DOC	SS-VMP-7A 01/23/13 Southwest Utica National
1,1,1-Trichloroethane	µg/m ³	0.83 U	0.83 U	0.83 U	25 D
1,1,2,2-Tetrachloroethane	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	0.93 J	1.2 U	0.86 J	11
1,1,2-Trichloroethane	µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane	µg/m ³	0.62 U	0.62 U	0.62 U	0.91
1,1-Dichloroethene	µg/m ³	0.60 U	0.60 U	0.60 U	0.89
1,2,4-Trichlorobenzene	µg/m ³	R	1.1 U	R	R
1,2,4-Trimethylbenzene	µg/m ³	2.8	1.5 J	2.5	2.2
1,2-Dibromoethane	µg/m ³	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane	µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane	µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene	µg/m ³	0.95 J	0.85 J	0.85 J	0.90
1,3-Butadiene	µg/m ³	0.34 UJ	0.34 U	0.34 UJ	0.34 U
1,3-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene	µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane	µg/m ³	R	1.1 UJ	R	1.1 UJ
2,2,4-Trimethylpentane	µg/m ³	0.90	0.71 U	0.76	1.4
2-Butanone	µg/m ³	3.2 J	2.9 J	2.8 J	1.9 J
2-Hexanone	µg/m ³	R	1.2 U	R	1.2 U
3-Chloropropene	µg/m ³	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene	µg/m ³	0.95 J	0.65 J	0.95 J	0.75 J
4-Methyl-2-pentanone	µg/m ³	R	1.2 U	R	1.8
Acetone	µg/m ³	41 D	35 D	39 D	26 D
Benzene	µg/m ³	4.6	1.4	3.9	7.5 D
Benzyl Chloride	µg/m ³	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane	µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/m ³	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane	µg/m ³	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide	µg/m ³	0.41 J	0.47 U	2.7	2.0
Carbon Tetrachloride	µg/m ³	0.70 J	0.64 J	0.70 J	0.70 J
Chlorobenzene	µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane	µg/m ³	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform	µg/m ³	0.74 U	0.69 J	0.74 U	1.1
Chloromethane	µg/m ³	1.5 J	1.4	1.6 J	0.76
cis-1,2-Dichloroethene	µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane	µg/m ³	0.52 U	0.52 U	0.52 U	0.52 U
Dibromochloromethane	µg/m ³	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	µg/m ³	3.7	2.9	3.6	3.1
Ethyl acetate	µg/m ³	5.1 J	1.1	3.8 J	6.2 DJ
Ethylbenzene	µg/m ³	6.0	0.79 J	7.0	6.6
Heptane	µg/m ³	7.6	5.4	5.5	5.9
Hexachlorobutadiene	µg/m ³	R	1.6 U	R	1.6 U
Isopropyl alcohol	µg/m ³	1,700 DJ	2,700 DJ	1,900 DJ	1,100 DJ
m&p-Xylene	µg/m ³	9.3 DJ	1.6 J	13 DJ	9.7 DJ
Methyl tert-butyl ether	µg/m ³	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride	µg/m ³	4,400 D	1,300 D	3,800 D	860 D
n-Hexane	µg/m ³	5.0 DJ	1.0 J	5.7 J	3.3 J
o-Xylene	µg/m ³	4.1	0.53 J	4.8	4.1
Propylene	µg/m ³	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	µg/m ³	1.1	1.3 J	1.1	0.95



Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SS-VMP-6A 01/23/13 Central Utica National	SS-VMP-6B 01/24/13 Central Utica National	SS-VMP-7 01/23/13 Between Kitting & Molding Storage DOC	SS-VMP-7A 01/23/13 Southwest Utica National
Tetrachloroethene	µg/m ³	0.97 J	1.0 U	0.90 J	2.3
Tetrahydrofuran	µg/m ³	3.1 J	6.6 DJ	4.0 J	1.1
Toluene	µg/m ³	38 D	3.7 J	37 D	48 D
trans-1,2-Dichloroethene	µg/m ³	1.4	36 DJ	4.5	1.8 J
trans-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	µg/m ³	1.2	0.82 U	1.2	26 D
Trichlorofluoromethane	µg/m ³	6.1	3.3	7.3	5.5
Vinyl Acetate	µg/m ³	0.54 U	0.54 U	0.54 U	0.54 U
Vinyl Bromide	µg/m ³	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	µg/m ³	0.39 U	0.39 U	0.39 U	0.39 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation limits and/or estimated value.

U = Not detected at the reporting limit.

R = Data rejected as part of validation.

D = Diluted concentration reported.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected:	Area:	Units	IA-VMP-1B 01/24/13 Between Kitting & Molding Storage DOC	IA-VMP-2B 01/24/13 Adjacent to Leadwire Assembly - South	IA-VMP-2C 01/24/13 Adjacent to Cable Assembly	IA-VMP-3A 01/23/13 CET Warehouse	IA-VMP-3B 01/24/13 Near Southeast Side of CET Packaging Area	IA-VMP-3D 01/24/13 Near Southwest Side of Mold Storage
1,1,1-Trichloroethane		µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U [0.83 U]	0.83 U
1,1,2,2-Tetrachloroethane		µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane		µg/m ³	0.86 J	0.93 J	1.3	0.86 J	0.86 J [0.86 J]	1.4
1,1,2-Trichloroethane		µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U [0.83 U]	0.83 U
1,1-Dichloroethane		µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]	0.62 U
1,1-Dichloroethene		µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]	0.60 U
1,2,4-Trichlorobenzene		µg/m ³	R	R	R	R	R [R]	R
1,2,4-Trimethylbenzene		µg/m ³	0.80	1.1	1.2	1.4	3.3 [2.6]	0.85
1,2-Dibromoethane		µg/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U [1.2 U]	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane		µg/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U [1.1 U]	1.1 U
1,2-Dichlorobenzene		µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]	0.92 U
1,2-Dichloroethane		µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U [0.62 U]	0.62 U
1,2-Dichloropropane		µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]	0.70 U
1,3,5-Trimethylbenzene		µg/m ³	0.75 UJ	0.75 UJ	0.75 UJ	0.70 J	0.70 J [0.50 J]	0.75 UJ
1,3-Butadiene		µg/m ³	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ [0.34 UJ]	0.34 UJ
1,3-Dichlorobenzene		µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]	0.92 U
1,4-Dichlorobenzene		µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U [0.92 U]	0.92 U
1,4-Dioxane		µg/m ³	R	R	R	R	R [R]	R
2,2,4-Trimethylpentane		µg/m ³	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U [0.71 U]	0.71 UJ
2-Butanone		µg/m ³	1.0 J	0.78 J	0.66 J	2.8 J	0.60 J [0.69 J]	0.81 J
2-Hexanone		µg/m ³	R	R	R	R	R [R]	R
3-Chloropropene		µg/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U [0.48 U]	0.48 U
4-Ethyltoluene		µg/m ³	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ [0.75 UJ]	0.75 UJ
4-Methyl-2-pentanone		µg/m ³	R	R	R	R	R [R]	R
Acetone		µg/m ³	8.7 DJ	17 DJ	16 DJ	45 DJ	9.5 [14 DJ]	8.5 DJ
Benzene		µg/m ³	2.4	1.2	1.3	1.0	1.8 [1.8]	1.9
Benzyl Chloride		µg/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U [0.88 U]	0.88 U
Bromodichloromethane		µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]	1.0 U
Bromoform		µg/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U [1.6 U]	1.6 U
Bromomethane		µg/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U [0.59 U]	0.59 U
Carbon Disulfide		µg/m ³	0.47 U	0.47 U	0.47 U	0.32 J	0.47 U [0.47 U]	0.47 U
Carbon Tetrachloride		µg/m ³	0.77 J	0.70 J	0.83 J	0.64 J	0.77 J [0.77 J]	0.77 J
Chlorobenzene		µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U [0.70 U]	0.70 U
Chloroethane		µg/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U [0.40 U]	0.40 U
Chloroform		µg/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U [0.74 U]	0.74 U
Chloromethane		µg/m ³	1.3 J	1.4 J	1.3 J	1.2 J	1.4 J [1.3 J]	1.3 J
cis-1,2-Dichloroethene		µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U [0.60 U]	0.60 U
cis-1,3-Dichloropropene		µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U [0.69 U]	0.69 U
Cyclohexane		µg/m ³	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U [0.52 U]	0.52 U
Dibromochloromethane		µg/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U [1.3 U]	1.3 U
Dichlorodifluoromethane		µg/m ³	3.2	3.3	3.2	2.8	3.2 [3.3]	3.3
Ethyl acetate		µg/m ³	0.92 UJ	0.44 J	0.48 J	2.3 J	0.37 J [0.40 J]	0.92 UJ
Ethylbenzene		µg/m ³	0.66 U	0.66 U	0.66 U	0.71	0.53 J [0.53 J]	0.57 J
Heptane		µg/m ³	0.71	0.71	0.96	5.3	1.2 [1.2]	1.1
Hexachlorobutadiene		µg/m ³	R	R	R	R	R [R]	R
Isopropyl alcohol		µg/m ³	42 DJ	250 DJ	170 DJ	2,300 D	340 DJ [340 DJ]	280 DJ
m&p-Xylene		µg/m ³	1.1 J	1.1 J	1.1 J	2.2	1.6 [1.2 J]	1.1 J
Methyl tert-butyl ether		µg/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U [0.55 U]	0.55 U
Methylene Chloride		µg/m ³	16 D	44 D	34 D	2,700 D	180 D [210 D]	260 D
n-Hexane		µg/m ³	0.50 J	0.43 J	0.54 UJ	5.8 J	0.50 J [0.64 J]	0.43 J
o-Xylene		µg/m ³	0.49 J	0.62 J	0.57 J	0.79	0.79 [0.57 J]	0.49 J
Propylene		µg/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U [0.26 U]	0.26 U
Styrene		µg/m ³	2.0	1.8	2.4	0.65	1.4 [1.3]	1.7
Tetrachloroethene		µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U [1.0 U]	1.0 U

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	IA-VMP-1B 01/24/13 Between Kitting & Molding Storage DOC	IA-VMP-2B 01/24/13 Adjacent to Leadwire Assembly - South	IA-VMP-2C 01/24/13 Adjacent to Cable Assembly	IA-VMP-3A 01/23/13 CET Warehouse	IA-VMP-3B 01/24/13 Near Southeast Side of CET Packaging Area	IA-VMP-3D 01/24/13 Near Southwest Side of Mold Storage
Tetrahydrofuran	µg/m ³	0.45 UJ	1.1 J	0.75 J	2.2 J	3.1 J [3.4 J]	0.45 UJ
Toluene	µg/m ³	3.0	2.6	2.7	5.9	3.1 [2.9]	3.2
trans-1,2-Dichloroethene	µg/m ³	0.60 U	8.5 D	10 D	1.9	6.5 [7.2]	0.89
trans-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U [0.69 U]	0.69 U
Trichloroethene	µg/m ³	0.22	0.38	0.33	1.8	0.27 [0.27]	0.27
Trichlorofluoromethane	µg/m ³	70 D	19 D	22 D	4.3	10 [11]	12 D
Vinyl Acetate	µg/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U [0.54 U]	0.54 U
Vinyl Bromide	µg/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U [0.67 U]	0.67 U
Vinyl Chloride	µg/m ³	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U [0.10 U]	0.10 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation
 limits and/or estimated value.

U = Not detected at the reporting limit.

R = Data rejected as part of validation.

D = Diluted concentration reported.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected:	Area:	Units	IA-VMP-3E 01/24/13 Mold Storage	IA-VMP-4 01/24/13 Southeast Side of Mold Storage	IA-VMP-5A 01/23/13 Northwest Utica National	IA-VMP-5B 01/23/13 CET Warehouse	IA-VMP-6 01/24/13 Northeast Utica National	IA-VMP-6A 01/23/13 Central Utica National	IA-VMP-6B 01/24/13 Central Utica National
1,1,1-Trichloroethane		µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1,2,2-Tetrachloroethane		µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane		µg/m ³	1.2	0.86 J	0.93 J	1.4	0.86 J	0.86 J	1.2 U
1,1,2-Trichloroethane		µg/m ³	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
1,1-Dichloroethane		µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,1-Dichloroethene		µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
1,2,4-Trichlorobenzene		µg/m ³	R	R	R	R	R	R	1.1 U
1,2,4-Trimethylbenzene		µg/m ³	0.90	0.95	1.8	1.5	1.9	2.5	1.4
1,2-Dibromoethane		µg/m ³	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane		µg/m ³	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2-Dichlorobenzene		µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichloroethane		µg/m ³	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dichloropropane		µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
1,3,5-Trimethylbenzene		µg/m ³	0.75 UJ	0.75 UJ	0.60 J	0.50 J	0.70 J	0.90 J	0.50 J
1,3-Butadiene		µg/m ³	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 U
1,3-Dichlorobenzene		µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dichlorobenzene		µg/m ³	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,4-Dioxane		µg/m ³	R	R	R	R	R	R	1.1 UJ
2,2,4-Trimethylpentane		µg/m ³	0.71 U	0.62 J	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
2-Butanone		µg/m ³	1.0 J	0.60 J	2.5 J	2.6 J	2.7 J	3.6 J	1.5 J
2-Hexanone		µg/m ³	R	R	R	R	R	R	1.2 U
3-Chloropropene		µg/m ³	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Ethyltoluene		µg/m ³	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ	0.50 J	0.65 J	0.75 U
4-Methyl-2-pentanone		µg/m ³	R	R	R	R	R	R	0.54 J
Acetone		µg/m ³	9.9 DJ	21 DJ	22 DJ	35 DJ	62 DJ	37 DJ	37 D
Benzene		µg/m ³	1.4	1.3	1.3	0.91	1.6	1.1	1.3
Benzyl Chloride		µg/m ³	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Bromodichloromethane		µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform		µg/m ³	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromomethane		µg/m ³	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Carbon Disulfide		µg/m ³	0.32 J	0.47 U	0.60	0.47 U	0.47 U	0.47 U	0.47 U
Carbon Tetrachloride		µg/m ³	0.77 J	0.77 J	0.70 J	0.70 J	0.70 J	0.70 J	0.64
Chlorobenzene		µg/m ³	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
Chloroethane		µg/m ³	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Chloroform		µg/m ³	0.74 U	0.74 U	0.74 U	0.74 U	0.55 J	0.74 U	0.69 J
Chloromethane		µg/m ³	1.2 J	1.4 J	1.4 J	1.3 J	1.5 J	1.4 J	1.3
cis-1,2-Dichloroethene		µg/m ³	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
cis-1,3-Dichloropropene		µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Cyclohexane		µg/m ³	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
Dibromochloromethane		µg/m ³	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane		µg/m ³	3.2	3.2	3.3	3.1	2.9	3.3	3.0
Ethyl acetate		µg/m ³	0.92 UJ	0.40 J	2.9 J	2.0 J	1.2 J	2.3 J	1.3
Ethylbenzene		µg/m ³	0.66 U	0.66 U	0.93	0.75	0.44 J	0.79	0.66 U
Heptane		µg/m ³	0.54 J	0.71	6.2	5.8	7.5	5.7	4.7
Hexachlorobutadiene		µg/m ³	R	R	R	R	R	R	1.6 U
Isopropyl alcohol		µg/m ³	180 DJ	170 DJ	1,100 D	1,800 D	3,800 D	1,700 D	3,200 DJ
m&p-Xylene		µg/m ³	1.0 J	0.97 J	2.3	2.3	1.1 J	2.7	0.88 J
Methyl tert-butyl ether		µg/m ³	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Methylene Chloride		µg/m ³	35 D	35 D	1,300 D	2,000 D	2,100 D	1,400 D	660 D
n-Hexane		µg/m ³	0.54 UJ	0.54 UJ	3.4 J	5.6 J	1.5 J	7.1 J	0.97 J
o-Xylene		µg/m ³	0.66 U	0.44 J	0.79	0.88	0.53 J	1.1	0.66 U
Propylene		µg/m ³	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene		µg/m ³	0.87	2.0	0.91	0.61 J	0.78	1.2	0.95
Tetrachloroethene		µg/m ³	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected:		IA-VMP-3E 01/24/13	IA-VMP-4 01/24/13	IA-VMP-5A 01/23/13	IA-VMP-5B 01/23/13	IA-VMP-6 01/24/13	IA-VMP-6A 01/23/13	IA-VMP-6B 01/24/13
Area:	Units	Mold Storage	Southeast Side of Mold Storage	Northwest Utica National	CET Warehouse	Northeast Utica National	Central Utica National	Central Utica National
Tetrahydrofuran	µg/m ³	0.45 UJ	1.1 J	2.2 J	2.3 J	36 D	4.9 J	6.3 DJ
Toluene	µg/m ³	2.5	2.9	8.0	5.6	5.6	5.9	4.2
trans-1,2-Dichloroethene	µg/m ³	1.0	8.1 D	1.1	1.9	68 D	1.9	50 DJ
trans-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Trichloroethene	µg/m ³	0.27	1.1	2.5	1.9	0.22	1.6	0.22
Trichlorofluoromethane	µg/m ³	19 D	16 D	9.3	4.7	3.3	4.8	3.2
Vinyl Acetate	µg/m ³	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.8
Vinyl Bromide	µg/m ³	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Vinyl Chloride	µg/m ³	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation limits and/or estimated value.

U = Not detected at the reporting limit.

R = Data rejected as part of validation.

D = Diluted concentration reported.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	IA-VMP-7 01/23/13 Between Kitting & Molding Storage DOC	IA-VMP-7A 01/23/13 Southwest Utica National
1,1,1-Trichloroethane	µg/m ³	0.83 U	0.83 U
1,1,1,2-Tetrachloroethane	µg/m ³	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	0.86 J	0.93 J
1,1,2-Trichloroethane	µg/m ³	0.83 U	0.83 U
1,1-Dichloroethane	µg/m ³	0.62 U	0.62 U
1,1-Dichloroethene	µg/m ³	0.60 U	0.60 U
1,2,4-Trichlorobenzene	µg/m ³	R	R
1,2,4-Trimethylbenzene	µg/m ³	1.7	7.2
1,2-Dibromoethane	µg/m ³	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	1.1 U	1.1 U
1,2-Dichlorobenzene	µg/m ³	0.92 U	0.92 U
1,2-Dichloroethane	µg/m ³	0.62 U	0.62 U
1,2-Dichloropropane	µg/m ³	0.70 U	0.70 U
1,3,5-Trimethylbenzene	µg/m ³	0.60 J	1.5 J
1,3-Butadiene	µg/m ³	0.34 UJ	0.34 UJ
1,3-Dichlorobenzene	µg/m ³	0.92 U	0.92 U
1,4-Dichlorobenzene	µg/m ³	0.92 U	0.92 U
1,4-Dioxane	µg/m ³	R	R
2,2,4-Trimethylpentane	µg/m ³	0.71 U	0.71 U
2-Butanone	µg/m ³	2.8 J	3.6 J
2-Hexanone	µg/m ³	R	R
3-Chloropropene	µg/m ³	0.48 U	0.48 U
4-Ethyltoluene	µg/m ³	0.50 J	1.4 J
4-Methyl-2-pentanone	µg/m ³	R	R
Acetone	µg/m ³	33 DJ	76 DJ
Benzene	µg/m ³	1.2	1.1
Benzyl Chloride	µg/m ³	0.88 U	0.88 U
Bromodichloromethane	µg/m ³	1.0 U	1.0 U
Bromoform	µg/m ³	1.6 U	1.6 U
Bromomethane	µg/m ³	0.59 U	0.59 U
Carbon Disulfide	µg/m ³	0.47 U	0.47 U
Carbon Tetrachloride	µg/m ³	0.70 J	0.70 J
Chlorobenzene	µg/m ³	0.70 U	0.70 U
Chloroethane	µg/m ³	0.40 U	0.40 U
Chloroform	µg/m ³	0.74 U	0.74 U
Chloromethane	µg/m ³	1.5 J	1.5 J
cis-1,2-Dichloroethene	µg/m ³	0.60 U	0.60 U
cis-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U
Cyclohexane	µg/m ³	0.52 U	0.52 U
Dibromochloromethane	µg/m ³	1.3 U	1.3 U
Dichlorodifluoromethane	µg/m ³	3.4	3.1
Ethyl acetate	µg/m ³	1.6 J	2.3 J
Ethylbenzene	µg/m ³	0.75	1.1
Heptane	µg/m ³	4.7	5.7
Hexachlorobutadiene	µg/m ³	R	R
Isopropyl alcohol	µg/m ³	3,300 DJ	3,500 DJ
m&p-Xylene	µg/m ³	2.6	5.1
Methyl tert-butyl ether	µg/m ³	0.55 U	0.55 U
Methylene Chloride	µg/m ³	3,700 D	2,300 D
n-Hexane	µg/m ³	5.7 J	6.8 J
o-Xylene	µg/m ³	1.0	2.0
Propylene	µg/m ³	0.26 U	0.26 U
Styrene	µg/m ³	1.4	1.3
Tetrachloroethene	µg/m ³	0.69 J	1.0 U

**Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York**

	Location ID: Date Collected:		IA-VMP-7 01/23/13 Between Kitting & Molding Storage DOC	IA-VMP-7A 01/23/13 Southwest Utica National
Area:	Units			
Tetrahydrofuran	µg/m ³		6.2 J	4.6 J
Toluene	µg/m ³		5.9	6.8
trans-1,2-Dichloroethene	µg/m ³		2.2	1.8
trans-1,3-Dichloropropene	µg/m ³		0.69 U	0.69 U
Trichloroethene	µg/m ³		2.5	1.7
Trichlorofluoromethane	µg/m ³		7.1	5.4
Vinyl Acetate	µg/m ³		0.54 U	0.54 U
Vinyl Bromide	µg/m ³		0.67 U	0.67 U
Vinyl Chloride	µg/m ³		0.10 U	0.10 U

Notes:

Detected concentrations are in **bold font**.

µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation
limits and/or estimated value.

U = Not detected at the reporting limit.

R = Data rejected as part of validation.

D = Diluted concentration reported.

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SG-GH-1 03/17/10 Guard House	SS-VMP-GS1 01/24/13 Guard House
1,1,1-Trichloroethane	µg/m ³	0.83 U	1.3
1,1,2,2-Tetrachloroethane	µg/m ³	1.0 U	1.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	µg/m ³	1.2 U	1.5
1,1,2-Trichloroethane	µg/m ³	0.83 U	0.83 U
1,1-Dichloroethane	µg/m ³	0.62 U	0.62 U
1,1-Dichloroethene	µg/m ³	0.60 U	0.60 U
1,2,4-Trichlorobenzene	µg/m ³	1.1 U	1.1 U
1,2,4-Trimethylbenzene	µg/m ³	0.75	3.5
1,2-Dibromoethane	µg/m ³	1.2 U	1.2 U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	µg/m ³	1.1 U	1.1 U
1,2-Dichlorobenzene	µg/m ³	0.92 U	0.92 U
1,2-Dichloroethane	µg/m ³	0.62 U	0.62 U
1,2-Dichloropropane	µg/m ³	0.70 U	0.70 U
1,3,5-Trimethylbenzene	µg/m ³	0.75 U	1.3
1,3-Butadiene	µg/m ³	0.34 U	0.34 U
1,3-Dichlorobenzene	µg/m ³	0.92 U	0.92 U
1,4-Dichlorobenzene	µg/m ³	0.92 U	0.92 U
1,4-Dioxane	µg/m ³	1.1 U	1.1 J
2,2,4-Trimethylpentane	µg/m ³	0.71 U	0.71 U
2-Butanone	µg/m ³	0.81 J	2.1 J
2-Hexanone	µg/m ³	1.2 UJ	1.2 U
3-Chloropropene	µg/m ³	0.48 U	0.48 U
4-Ethyltoluene	µg/m ³	0.75 U	0.75
4-Methyl-2-pentanone	µg/m ³	1.2 UJ	1.5
Acetone	µg/m ³	12	64 D
Benzene	µg/m ³	0.75	1.6
Benzyl Chloride	µg/m ³	0.88 U	0.88 U
Bromodichloromethane	µg/m ³	1.0 U	1.0 U
Bromoform	µg/m ³	1.6 U	1.6 U
Bromomethane	µg/m ³	0.59 U	0.59 U
Carbon Disulfide	µg/m ³	0.47 U	3.0
Carbon Tetrachloride	µg/m ³	0.96 U	0.96 U
Chlorobenzene	µg/m ³	0.70 U	0.70 U
Chloroethane	µg/m ³	0.40 U	0.40 U
Chloroform	µg/m ³	0.74 U	0.74 U
Chloromethane	µg/m ³	0.69	0.55
cis-1,2-Dichloroethene	µg/m ³	0.60 U	0.60 U
cis-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U
Cyclohexane	µg/m ³	4.1	0.52 U
Dibromochloromethane	µg/m ³	1.3 UJ	1.3 U
Dichlorodifluoromethane	µg/m ³	2.4	2.8
Ethyl acetate	µg/m ³	0.92 U	0.44 J
Ethylbenzene	µg/m ³	0.66 U	0.88
Heptane	µg/m ³	0.46 J	0.83
Hexachlorobutadiene	µg/m ³	1.6 U	1.6 U
Isopropyl alcohol	µg/m ³	18	39 DJ
m&p-Xylene	µg/m ³	0.79 J	2.4
Methyl tert-butyl ether	µg/m ³	0.55 U	0.55 U
Methylene Chloride	µg/m ³	0.56	27 D
n-Hexane	µg/m ³	0.54 U	1.9 J
o-Xylene	µg/m ³	0.66 U	1.1
Propylene	µg/m ³	0.26 U	0.26 U
Styrene	µg/m ³	0.65 U	0.48 J

Table A-2. Summary of Indoor Air and Sub-Slab Soil Gas Sample Results, January 2013
Former Lockheed Martin French Road Facility, Utica, New York

Location ID: Date Collected: Area:	Units	SG-GH-1 03/17/10 Guard House	SS-VMP-GS1 01/24/13 Guard House
Tetrachloroethene	µg/m ³	1.9 J	1.0 U
Tetrahydrofuran	µg/m ³	0.45 U	0.54
Toluene	µg/m ³	1.6	3.5
trans-1,2-Dichloroethene	µg/m ³	0.60 U	0.69 J
trans-1,3-Dichloropropene	µg/m ³	0.69 U	0.69 U
Trichloroethene	µg/m ³	0.87	0.82 U
Trichlorofluoromethane	µg/m ³	1.7	4.3
Vinyl Acetate	µg/m ³	0.54 U	0.54 U
Vinyl Bromide	µg/m ³	0.67 U	0.67 U
Vinyl Chloride	µg/m ³	0.39 U	0.39 U

Notes:

Detected concentrations are in **bold font**.

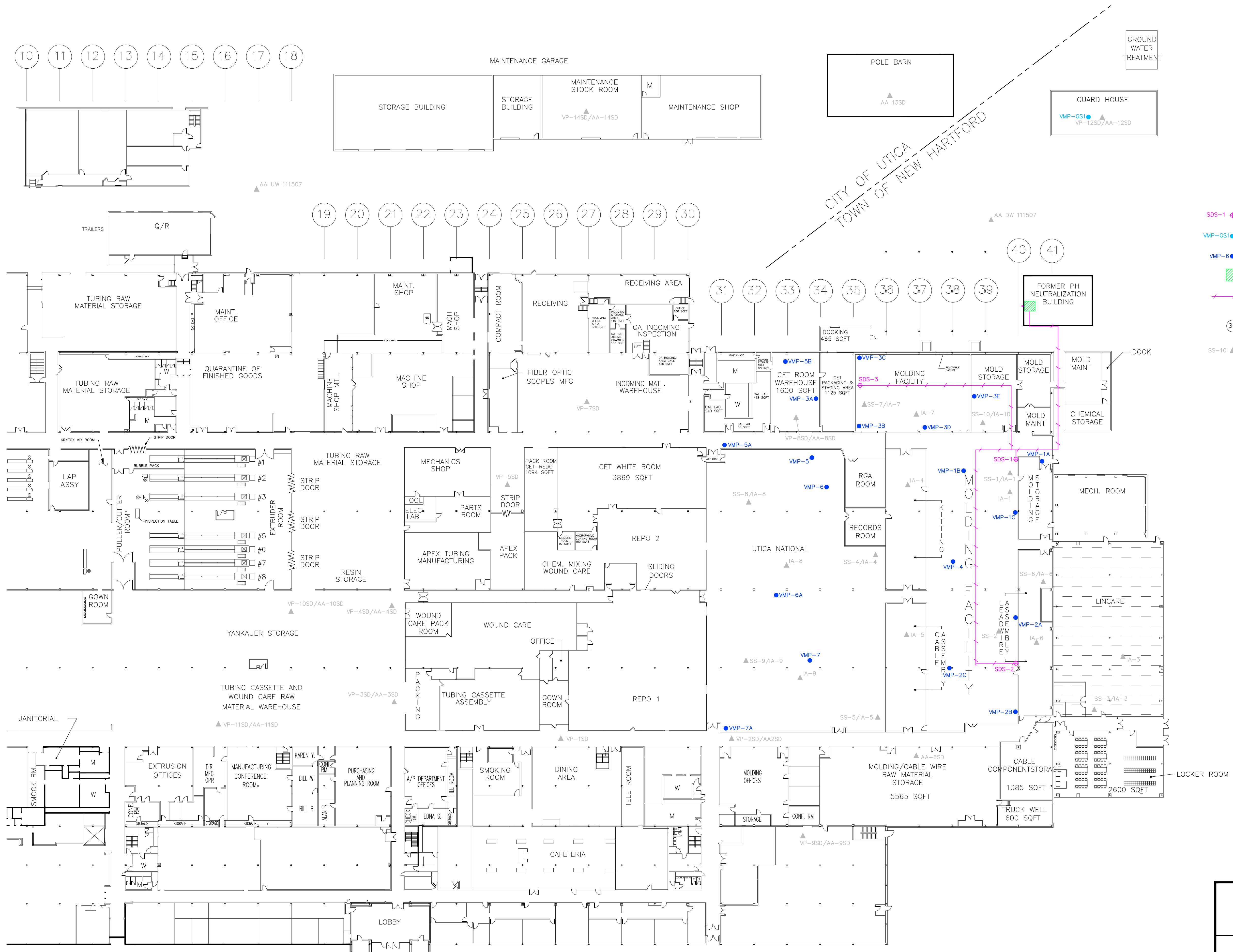
µg/m³ = Micrograms per cubic meter.

[1.0 U] = Duplicate results in brackets.

J = Analyte detected at or below quantitation limits and/or estimated value.

U = Not detected at the reporting limit.

CITY:MAHWAH DIV:GROUP:ENV:CAD DB:JUG LD:(Opt) LVR:(Opt)NON-OFF-REF- GLEN/CAD/STRACUSE/ACT/IND/01/14/001/00003/FIG A-H/History/loc/plan_updated/2013.dwg LAYOUT: A-1 SAVER: 3/6/2013 2:35 PM ACADVER: 18-IS (LMS TECH) PAGES: 22/24 PLOT: PLT/PLT/CTB PLOTTED: 3/6/2013 3:14 PM BY: SANCHEZ, ADRIAN XREFS: IMAGES: PROJECTNAME: ...



- LEGEND**
- SDS-1 LOCATION OF SUBSLAB DEPRESSURIZATION SUMP (SDS)
 - VMP-GS1 SEMI-PERMANENT SOIL GAS PROBE LOCATION
 - VMP-6 PERMANENT SOIL GAS PROBE LOCATION
 - LOCATION OF SUBSLAB DEPRESSURIZATION SYSTEM TREATMENT EQUIPMENT
 - LOCATION OF SUBSLAB DEPRESSURIZATION ABOVE GRADE PIPING
 - (35) BUILDING COLUMN LINE IDENTIFICATION
 - SS-10 TEMPORARY SOIL GAS PROBE AND INDOOR AIR LOCATION

- NOTE:**
1. AMBIENT AIR (AA) SAMPLES CO-LOCATED AT EACH VMP LOCATION.
 2. BASE DRAWING SOURCE: CONMED, TITLE: FRENCH ROAD BLOCK PLAN PROPOSED SPACE UTILIZATION, DRAWING NO:FR001, DATE: 01/28/94. CONMED SOURCE DRAWING: LOCKHEED MARTIN DRAWING NUMBER RFALC.DWG JEG 310CT94.

FORMER LOCKHEED MARTIN FRENCH ROAD FACILITY
 UTICA, NEW YORK
 ANNUAL VAPOR INTRUSION STUDY REPORT FOR THE
 SOLVENT DOCK AREA

HISTORICAL SAMPLING LOCATION PLAN



APPENDIX B

Sampling Logs



Ambient Air Sample Collection Log

Sample ID: AMB-021314

Client:	Lockheed Martin	Date/Day:	Thursday, 2/13/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	P/C
Location:	Utica, NY	Temperature:	24° F, 29.96 in Hg, 78% Humidity
Project #:	NJ001050.0001	Wind Speed/Direction:	6 mph SE
Samplers:	Dan Zuck	Subcontractor:	NA
Logged By:	Dan Zuck	Equipment:	Truck Traffic
Background PID Ambient Air Reading:	6.0 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	~4' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 1155 Finish: 2000	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 3015

Flow Controller ID: 5178

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-10.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6470	Weather @ Sample End:
	Temperature (F) 27°
	Relative Humidity (%) 91
	Wind 11 NW
	Barometric Pressure (in Hg) 29.53
	PID (ppb) 0.0

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: **IA-VMP-1B/DUP-2/
IA-DUP-021214**

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	4.3' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0936 Finish: 1905	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 4442 / 3233

Flow Controller ID: 09903 / 09903

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-14.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6464
No pre-sample can check recorded.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-1B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0936 Finish: 1715	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 3011

Flow Controller ID: 09709

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-29	-5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6464
Pre-sample can check: -30
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-2B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	4.1' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0922 Finish: 1724	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 2956

Flow Controller ID: 10239

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-7.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6467
Pre-sample can check: -31

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-2B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0921 Finish: 1721	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 4343

Flow Controller ID: 09702

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-5.2

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6467
Pre-sample can check: -30
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-2C

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	3.8' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0925 Finish: 1727	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 4800

Flow Controller ID: 4532

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-7.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6466
Pre-sample can check: -30.1

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-2C

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0924 Finish: 1727	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 4441

Flow Controller ID: 10630

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6466
Pre-sample can check: -29
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-3A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	NA
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.3 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	~4' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0905 Finish: 1702	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 5148

Flow Controller ID: 10877

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-6.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6451
Pre-sample can check: -30

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-3A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	12° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.3 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~1' @ 0.5' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0902 Finish: 1703	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5039

Flow Controller ID: 4205

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-12.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6451
Pre-sample can check: -30
PID reading following sample collection from sampling tube 0.2 ppm.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-3B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	18° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	~4' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0924 Finish: 1722	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5050

Flow Controller ID: 5232

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6462
Pre-sample can check: -29.2

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-3B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	15° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~1' @ 0.5' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0923 Finish: 1725	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5628

Flow Controller ID: 5203

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-22.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6462
Pre-sample can check: -30
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-3D

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	18° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	48" ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0930 Finish: 1632	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 2786

Flow Controller ID: 90660

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-31	-5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: NA
Pre-sample can check: -31

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-3D

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	18° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~1' @ 0.5' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0930 Finish: 1732	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 2639

Flow Controller ID: 10660

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-6.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: NA
Pre-sample can check: -30
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-3E

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	20° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.6 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	~4' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0937 Finish: 1640	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 4550

Flow Controller ID: 3123

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-29.5	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6463
Pre-sample can check: -29

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-3E

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	20° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.6 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~1' @ 0.5' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0936 Finish: 1740	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5615

Flow Controller ID: 10587

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-6.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6463
Pre-sample can check: -30
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-4

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	3.9' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0930 Finish: 1730	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5610

Flow Controller ID: 3695

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-7.8

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6465
Pre-sample can check: -30

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-4

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.1 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0931 Finish: 1641	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5081

Flow Controller ID: 10659

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-29	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #:
Pre-sample can check: -28
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-5A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.3 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	49" ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0855 Finish: 1655	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 4282

Flow Controller ID: 10240

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-28.5	-5.5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6461
Pre-sample can check: -28.5

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-5A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID & Boxes
Background PID Ambient Air Reading:	0.3 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~1' @ 0.5' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0855 Finish: 1655	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5607

Flow Controller ID: 10053

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6461
Pre-sample can check: -30
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-5B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	13° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.3 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	40" ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0910 Finish: 1714	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 5618

Flow Controller ID: 5168

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-31	-14

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6452
Pre-sample can check: -30

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-5B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	14° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~1' @ 0.5' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0910 Finish: 1713	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5104

Flow Controller ID: 09708

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-21

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6452
Pre-sample can check: -31
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-6A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	MiniRAE 3000 ID 4047
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	4.4' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0859 Finish: 1652	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 4150

Flow Controller ID: 10056

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6456
Pre-sample can check: -30

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-6A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0857 Finish: 1632	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 3459

Flow Controller ID: 10654

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6456
Pre-sample can check: -29.5
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-6B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.3 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	3.9' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0908 Finish: 1708	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WLRound

Size (circle one): 1 L **6 L**

Canister ID: 5160

Flow Controller ID: 3736

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-29	-6

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6453
Pre-sample can check: -29

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-6B

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0907 Finish: 1707	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 2712

Flow Controller ID: 5182

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30+	-11

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6453
Pre-sample can check: -31
Post-sample PID: 0.0 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-7

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	3.7' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 1120 Finish: 1907	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 4016

Flow Controller ID: 4030

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-29	-5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6460
Pre-sample can check: -30

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-7

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0901 Finish: 1701	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5083

Flow Controller ID: 4056

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-30	-6.9

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6460
Pre-sample can check: -30
Post-sample PID: 0.2 ppm from sample tube.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-7A

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	5' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0854 Finish: 1815	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L 6 L

Canister ID: 3136

Flow Controller ID: 3118

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-28	-14.9

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6454
Pre-sample can check: -29.5

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-7A / SS-DUP-021214

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5' → 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0853 Finish: 1806	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 4488 / 3087

Flow Controller ID: 09912 / 09912

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-20

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6454
Pre-sample can check: -30 (DUP canister)
Post-sample PID: 0.0 ppm from sample tube.
* Air/vacuum flow (from SDS) was heard in sample port after tubing was disconnected.

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-7B

Client:	Lockheed Martin	Date/Day:	Thursday, 2/13/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	69° F
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID & Boxes
Background PID Ambient Air Reading:	0.2 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 1030 Finish: 1658	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 2706

Flow Controller ID: 3484

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.1	-31	-5

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6469
-22.5 @ 2 hours

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Indoor Air Sample Collection Log

Sample ID: IA-VMP-8D

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	NA
Sampling Depth:	4' ALS	Approximate Volume of Sampling Train:	NA
Time of Collection:	Start: 0914 Finish: 1634	Approximate Purge Volume:	NA

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: 5612

Flow Controller ID: 10617

Tracer Gas Information (if applicable)

Tracer Gas: NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-30	-6

Tracer Gas Concentration (if applicable):

Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6457
Pre-sample can check: -30

Approximating Sampling Train Volume (for purgings):

When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL. Each foot of ¼-inch tubing will have a volume of approximately 10 mL.



Sub-Slab Vapor Sample Collection Log

Sample ID: SS-VMP-8D

Client:	Lockheed Martin	Date/Day:	Wednesday, 2/12/14
Project:	LMC Sub-Slab and Indoor Monitoring	Weather:	Indoors
Location:	Utica, NY	Temperature:	23° C
Project #:	NJ001050.0001	Wind Speed/Direction:	Indoors
Samplers:	Katie Bidwell/Dan Zuck	Subcontractor:	NA
Logged By:	Katie Bidwell/Dan Zuck	Equipment:	PID
Background PID Ambient Air Reading:	0.0 ppm	Moisture Content of Sampling Zone (circle one):	Dry
Sampling Depth:	~0.5'® 1' BLS	Approximate Volume of Sampling Train:	170 mL
Time of Collection:	Start: 0912 Finish: 1748	Approximate Purge Volume:	510 mL

Nearby Groundwater Monitoring Wells/Water Levels:

Well ID	Depth to Groundwater (feet)
---	See Quarterly WL Round

Size (circle one): 1 L **6 L**

Canister ID: _____ 5140

Flow Controller ID: _____ 10300

Tracer Gas Information (if applicable)

Tracer Gas: _____ NA

SUMMA Canister Information

Canister Pressure (inches Hg):		
Reported By Laboratory	Measured Prior to Sample Collection	Measured Following Sample Collection
-30.2	-29.5	-30*

Tracer Gas Concentration (if applicable):				
Measured from Soil Vapor Tubing		Measured in 'Concentrated' Area		
Post Purge	Post Sample	Prior to Purging	Post Purging	Post Sampling
---	---	---	---	---

General Observations/Notes:

Photo #: 101-6457
Pre-sample can check: -30
Post-sample PID: 0.0 ppm
* No sample collected due to tight formation/vapor point @ -30

Approximating Sampling Train Volume (for purgings):
 When using 1 ¼-inch "Dummy Point" and a 6-inch sampling interval, the sampling space will have a volume of approximately 150 mL.
 Each foot of ¼-inch tubing will have a volume of approximately 10 mL.

APPENDIX C

Analytical Laboratory Results

ANALYTICAL REPORT

Job Number: 200-20955-1

SDG Number: 200-20955-1

Job Description: LMC Utica

For:

ARCADIS U.S., Inc.

10 Friends Lane

Suite 200

Newtown, PA 18940

Attention: Mr. Jeffrey Bonsteel



Approved for release.
Don C Dawicki
Manager of Project Management
2/28/2014 4:16 PM

Don C Dawicki, Manager of Project Management
30 Community Drive, South Burlington, VT, 05403
(802)660-1990
don.dawicki@testamericainc.com
02/28/2014

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Manual Integration Summary	6
Sample Summary	15
Executive Summary	16
Method Summary	35
Method / Analyst Summary	36
Sample Datasheets	37
QC Data Summary	105
Data Qualifiers	135
QC Association Summary	136
Lab Chronicle	137
Certification Summary	142
Organic Sample Data	143
Air - GC/MS VOA	143
Method TO15	143
Method TO15 QC Summary	144
Method TO15 Sample Data	175
Standards Data	676
Method TO15 ICAL Data	676
Method TO15 CCAL Data	859
Raw QC Data	911
Method TO15 Tune Data	911
Method TO15 Blank Data	938
Method TO15 LCS/LCSD Data	1002

Table of Contents

Method TO15 Run Logs	1042
Method TO15 Prep Data	1051
Air Canister Dilution	1054
Pre-shipment Certification	1055
LCS Data	1059
Blank Data	1067
Tune Data	1099
IS/RT Data	1107
Clean Canister Data	1115
ICAL Data	1152
ICV/CCV Data	1192
Run Logs	1216
Shipping and Receiving Documents	1224
Client Chain of Custody	1225
Sample Receipt Checklist	1238

CASE NARRATIVE

Client: ARCADIS U.S., Inc.

Project: LMC Utica

Report Number: 200-20955-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 02/14/2014 and 02/17/2014; the samples arrived in good condition.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): IA-VMP-2B. The container labels lists a stop time of 1725, while the COC lists A stop time of 1724. Used stop time from COC for Log in.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): IA-VMP-7, IA-VMP-7A. The container labels lists IA-VMP-7A and IA-VMP-7, while the COC lists IA-VMP-7 and IA-VMP-7A. The client was contacted, and the lab was instructed to use ID's from canister labels for log in.

VOLATILE ORGANIC COMPOUNDS

Samples IA-VMP-1B, AMB-021314, IA-VMP-2B, IA-VMP-2C, IA-VMP-3A, IA-VMP-3B, IA-VMP-3D, IA-VMP-5B, IA-VMP-6A, IA-VMP-6B, IA-VMP-3E, IA-VMP-4, IA-VMP-5A, IA-VMP-7A, IA-VMP-7, IA-VMP-8D and IA-DUP-021214 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 02/17/2014, 02/18/2014, 02/22/2014, 02/24/2014, 02/25/2014 and 02/26/2014.

1,3-Dichlorobenzene and 1,4-Dichlorobenzene were detected in method blank MB 200-68730/4 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Several analytes were detected in method blank MB 200-68870/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Hexachloro-1,3-butadiene failed the recovery criteria high for LCS 200-68811/3. 1,2,4-Trichlorobenzene and Naphthalene failed the recovery criteria high for LCS 200-68870/4. Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 68811 recovered above the upper control limit for Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: IA-VMP-7.

The continuing calibration verification (CCV) associated with batch 68870 recovered above the upper control limit for Acetone and Naphthalene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: IA-VMP-5A.

Several samples in this delivery group yielded concentrations of Isopropyl Alcohol that exceeded the range of calibrated instrument response. Per the client's instructions additional dilution analyses were not performed, in order to provide for lower reporting limits.

Samples IA-VMP-3A[12.9X], IA-VMP-5B[13X], IA-VMP-6A[14.8X], IA-VMP-6B[10X], IA-VMP-5A[38.3X], IA-VMP-7A[10X] and IA-VMP-7[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOC analysis.

All other quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHC.i Analysis Batch Number: 66774

Lab Sample ID: IC 200-66774/3 Client Sample ID: _____

Date Analyzed: 01/03/14 09:43 Lab File ID: cma003.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	3.98	Peak not found by the data system	lyonsb	01/14/14 12:59
1,1-Dichloroethane	9.28	Peak not found by the data system	lyonsb	01/14/14 12:59
Carbon tetrachloride	11.61	Baseline Event	lyonsb	01/14/14 12:59
Trichloroethene	13.48	Baseline Event	lyonsb	01/14/14 12:59

Lab Sample ID: IC 200-66774/4 Client Sample ID: _____

Date Analyzed: 01/03/14 10:35 Lab File ID: cma004.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl bromide	5.48	Peak not found by the data system	lyonsb	01/21/14 12:15
Isopropyl alcohol	7.40	Peak not found by the data system	lyonsb	01/21/14 12:15
tert-Butyl alcohol	8.21	Peak not found by the data system	lyonsb	01/21/14 12:15
Heptane	12.48	Baseline Event	lyonsb	01/21/14 12:15

Lab Sample ID: IC 200-66774/5 Client Sample ID: _____

Date Analyzed: 01/03/14 11:28 Lab File ID: cma005.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	7.39	Peak not found by the data system	lyonsb	01/21/14 12:16
tert-Butyl alcohol	8.20	Baseline Event	lyonsb	01/21/14 12:16

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHC.i Analysis Batch Number: 66774

Lab Sample ID: ICIS 200-66774/7 Client Sample ID: _____

Date Analyzed: 01/03/14 13:12 Lab File ID: cma007.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	7.78	Peak not found by the data system	lyonsb	01/14/14 12:49

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Analysis Batch Number: 68619

Lab Sample ID: IC 200-68619/6 Client Sample ID: _____

Date Analyzed: 02/20/14 16:25 Lab File ID: 6246_006.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	13.12	Baseline Event	daiglep	02/21/14 11:51
Tetrachloroethene	16.97	Baseline Event	daiglep	02/21/14 11:51

Lab Sample ID: IC 200-68619/7 Client Sample ID: _____

Date Analyzed: 02/20/14 17:12 Lab File ID: 6246_007.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	8.19	Baseline Event	daiglep	02/21/14 11:54

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Analysis Batch Number: 68745

Lab Sample ID: 200-20955-7 Client Sample ID: IA-VMP-3A

Date Analyzed: 02/22/14 01:30 Lab File ID: 6267_019.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.99	Baseline Event	lyonsb	02/24/14 10:46

Lab Sample ID: 200-20955-15 Client Sample ID: IA-VMP-6A

Date Analyzed: 02/22/14 06:11 Lab File ID: 6267_025.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.99	Baseline Event	lyonsb	02/24/14 10:49

Lab Sample ID: 200-20955-17 Client Sample ID: IA-VMP-6B

Date Analyzed: 02/22/14 07:45 Lab File ID: 6267_027.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.99	Baseline Event	lyonsb	02/24/14 10:51

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Analysis Batch Number: 68811

Lab Sample ID: 200-20955-27 Client Sample ID: IA-VMP-7

Date Analyzed: 02/25/14 20:57 Lab File ID: 6318_010.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.99	Baseline Event	lyonsb	02/26/14 11:37
Heptane	12.18	Baseline Event	lyonsb	02/26/14 11:37
Toluene	15.86	Baseline Event	lyonsb	02/26/14 11:37
m,p-Xylene	19.27	Baseline Event	lyonsb	02/26/14 11:37
Xylene, o-	20.09	Baseline Event	lyonsb	02/26/14 11:37

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Analysis Batch Number: 68234

Lab Sample ID: IC 200-68234/4 Client Sample ID: _____

Date Analyzed: 02/11/14 19:12 Lab File ID: 6101_004.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	15.21	Baseline Event	lyonsb	02/12/14 09:19
Tetrachloroethene	18.69	Baseline Event	lyonsb	02/12/14 09:19

Lab Sample ID: IC 200-68234/5 Client Sample ID: _____

Date Analyzed: 02/11/14 20:02 Lab File ID: 6101_005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.53	Baseline Event	lyonsb	02/12/14 09:18
Chloromethane	5.02	Baseline Event	lyonsb	02/12/14 09:18
Ethanol	7.84	Baseline Event	lyonsb	02/12/14 09:18
Acrolein	8.43	Baseline Event	lyonsb	02/12/14 09:18
Allyl chloride	9.40	Baseline Event	lyonsb	02/12/14 09:18
Methyl tert-butyl ether	10.18	Baseline Event	lyonsb	02/12/14 09:18
Acrylonitrile	10.39	Baseline Event	lyonsb	02/12/14 09:18
Hexane	10.66	Baseline Event	lyonsb	02/12/14 09:18
Ethyl acetate	12.42	Baseline Event	lyonsb	02/12/14 09:18
Cyclohexane	13.27	Baseline Event	lyonsb	02/12/14 09:18
1,1,1-Trichloroethane	13.29	Baseline Event	lyonsb	02/12/14 09:18
Heptane	14.29	Baseline Event	lyonsb	02/12/14 09:18
n-Butanol	15.05	Baseline Event	lyonsb	02/12/14 09:18
1,4-Dioxane	15.93	Baseline Event	lyonsb	02/12/14 09:18
cis-1,3-Dichloropropene	17.08	Baseline Event	lyonsb	02/12/14 09:18
trans-1,3-Dichloropropene	18.19	Baseline Event	lyonsb	02/12/14 09:18
Methyl Butyl Ketone (2-Hexanone)	18.96	Baseline Event	lyonsb	02/12/14 09:18
Ethylbenzene	20.61	Baseline Event	lyonsb	02/12/14 09:18
Styrene	21.58	Baseline Event	lyonsb	02/12/14 09:18
Naphthalene	28.30	Baseline Event	lyonsb	02/12/14 09:18

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Analysis Batch Number: 68234

Lab Sample ID: IC 200-68234/6 Client Sample ID: _____

Date Analyzed: 02/11/14 20:50 Lab File ID: 6101_006.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	8.42	Baseline Event	lyonsb	02/12/14 09:15
Acrylonitrile	10.40	Baseline Event	lyonsb	02/12/14 09:15
cis-1,2-Dichloroethene	12.38	Baseline Event	lyonsb	02/12/14 09:15
1,1,2-Trichloroethane	18.56	Baseline Event	lyonsb	02/12/14 09:15
n-Dodecane	26.44	Baseline Event	lyonsb	02/12/14 09:15
Naphthalene	28.32	Baseline Event	lyonsb	02/12/14 09:15

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Analysis Batch Number: 68420

Lab Sample ID: 200-20955-9 Client Sample ID: IA-VMP-3B

Date Analyzed: 02/18/14 02:23 Lab File ID: 6171_019.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	13.26	Baseline Event	lyonsb	02/18/14 10:45
Benzene	14.00	Baseline Event	lyonsb	02/18/14 10:45
Heptane	14.28	Baseline Event	lyonsb	02/18/14 10:45
Tetrachloroethene	18.70	Baseline Event	lyonsb	02/18/14 10:45

Lab Sample ID: 200-20955-11 Client Sample ID: IA-VMP-3D

Date Analyzed: 02/18/14 03:13 Lab File ID: 6171_020.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 113	8.49	Baseline Event	lyonsb	02/18/14 10:47
Hexane	10.68	Baseline Event	lyonsb	02/18/14 10:47
Tetrachloroethene	18.71	Baseline Event	lyonsb	02/18/14 10:47
m,p-Xylene	20.83	Baseline Event	lyonsb	02/18/14 10:47
Xylene, o-	21.55	Baseline Event	lyonsb	02/18/14 10:47

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Analysis Batch Number: 68730

Lab Sample ID: 200-20955-31 Client Sample ID: IA-DUP-021214

Date Analyzed: 02/24/14 18:25 Lab File ID: 6282_009.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloroethene	18.70	Baseline Event	lyonsb	02/25/14 09:11

Lab Sample ID: 200-20969-2 Client Sample ID: AMB-021314

Date Analyzed: 02/25/14 04:13 Lab File ID: 6282_021.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 113	8.45	Baseline Event	lyonsb	02/25/14 09:56

Lab Sample ID: 200-20955-26 Client Sample ID: IA-VMP-7A

Date Analyzed: 02/25/14 07:37 Lab File ID: 6282_025.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	13.26	Baseline Event	lyonsb	02/25/14 09:48

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-20955-1	IA-VMP-1B	Air	02/12/2014 1905	02/14/2014 1320
200-20955-3	IA-VMP-2B	Air	02/12/2014 1724	02/14/2014 1320
200-20955-5	IA-VMP-2C	Air	02/12/2014 1727	02/14/2014 1320
200-20955-7	IA-VMP-3A	Air	02/12/2014 1702	02/14/2014 1320
200-20955-9	IA-VMP-3B	Air	02/12/2014 1722	02/14/2014 1320
200-20955-11	IA-VMP-3D	Air	02/12/2014 1632	02/14/2014 1320
200-20955-13	IA-VMP-5B	Air	02/12/2014 1714	02/14/2014 1320
200-20955-15	IA-VMP-6A	Air	02/12/2014 1652	02/14/2014 1320
200-20955-17	IA-VMP-6B	Air	02/12/2014 1708	02/14/2014 1320
200-20955-19	IA-VMP-3E	Air	02/12/2014 1640	02/14/2014 1320
200-20955-21	IA-VMP-4	Air	02/12/2014 1730	02/14/2014 1320
200-20955-23	IA-VMP-5A	Air	02/12/2014 1655	02/14/2014 1320
200-20955-26	IA-VMP-7A	Air	02/12/2014 1815	02/14/2014 1320
200-20955-27	IA-VMP-7	Air	02/12/2014 1907	02/14/2014 1320
200-20955-29	IA-VMP-8D	Air	02/12/2014 1634	02/14/2014 1320
200-20955-31	IA-DUP-021214	Air	02/12/2014 0000	02/14/2014 1320
200-20969-2	AMB-021314	Air	02/13/2014 2000	02/17/2014 0940

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-1	IA-VMP-1B					
Freon 12		0.51		0.50	ppb v/v	TO-15
Freon 12		2.5		2.5	ug/m3	TO-15
Freon 22		0.31	J	0.50	ppb v/v	TO-15
Freon 22		1.1	J	1.8	ug/m3	TO-15
Chloromethane		0.55		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		1.4		0.50	ppb v/v	TO-15
n-Butane		3.4		1.2	ug/m3	TO-15
1,3-Butadiene		0.26		0.20	ppb v/v	TO-15
1,3-Butadiene		0.58		0.44	ug/m3	TO-15
Freon 11		0.60		0.20	ppb v/v	TO-15
Freon 11		3.4		1.1	ug/m3	TO-15
Freon 113		0.081	J	0.20	ppb v/v	TO-15
Freon 113		0.62	J	1.5	ug/m3	TO-15
Acetone		4.4	J	5.0	ppb v/v	TO-15
Acetone		11	J	12	ug/m3	TO-15
Isopropyl alcohol		82	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		200	E	12	ug/m3	TO-15
Methylene Chloride		1.5		0.50	ppb v/v	TO-15
Methylene Chloride		5.3		1.7	ug/m3	TO-15
Hexane		0.53		0.20	ppb v/v	TO-15
Hexane		1.9		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.54		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.6		1.5	ug/m3	TO-15
Cyclohexane		16		0.20	ppb v/v	TO-15
Cyclohexane		55		0.69	ug/m3	TO-15
Carbon tetrachloride		0.060		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.38		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.29		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		1.4		0.93	ug/m3	TO-15
Benzene		0.31		0.20	ppb v/v	TO-15
Benzene		1.0		0.64	ug/m3	TO-15
Heptane		0.38		0.20	ppb v/v	TO-15
Heptane		1.6		0.82	ug/m3	TO-15
Toluene		0.75		0.20	ppb v/v	TO-15
Toluene		2.8		0.75	ug/m3	TO-15
Tetrachloroethene		0.032	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.22	J	1.4	ug/m3	TO-15
Chlorobenzene		0.080	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.37	J	0.92	ug/m3	TO-15
Ethylbenzene		0.12	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.51	J	0.87	ug/m3	TO-15
m,p-Xylene		0.17	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.72	J	2.2	ug/m3	TO-15
Xylene, o-		0.058	J	0.20	ppb v/v	TO-15
Xylene, o-		0.25	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.23		0.20	ppb v/v	TO-15
Xylene (total)		0.99		0.87	ug/m3	TO-15
Styrene		0.23		0.20	ppb v/v	TO-15
Styrene		0.98		0.85	ug/m3	TO-15
4-Ethyltoluene		0.052	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.25	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.030	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.15	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.055	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.27	J	0.98	ug/m3	TO-15
sec-Butylbenzene		0.29		0.20	ppb v/v	TO-15
sec-Butylbenzene		1.6		1.1	ug/m3	TO-15
4-Isopropyltoluene		0.13	J	0.20	ppb v/v	TO-15
4-Isopropyltoluene		0.69	J	1.1	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-3	IA-VMP-2B					
Freon 12		0.48	J	0.50	ppb v/v	TO-15
Freon 12		2.4	J	2.5	ug/m3	TO-15
Freon 22		10		0.50	ppb v/v	TO-15
Freon 22		36		1.8	ug/m3	TO-15
Chloromethane		0.51		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		1.1		0.50	ppb v/v	TO-15
n-Butane		2.5		1.2	ug/m3	TO-15
1,3-Butadiene		0.37		0.20	ppb v/v	TO-15
1,3-Butadiene		0.81		0.44	ug/m3	TO-15
Freon 11		0.43		0.20	ppb v/v	TO-15
Freon 11		2.4		1.1	ug/m3	TO-15
Freon 113		0.068	J	0.20	ppb v/v	TO-15
Freon 113		0.52	J	1.5	ug/m3	TO-15
Acetone		3.5	J	5.0	ppb v/v	TO-15
Acetone		8.4	J	12	ug/m3	TO-15
Isopropyl alcohol		140	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		340	E	12	ug/m3	TO-15
Methylene Chloride		1.1		0.50	ppb v/v	TO-15
Methylene Chloride		3.8		1.7	ug/m3	TO-15
Hexane		0.20		0.20	ppb v/v	TO-15
Hexane		0.71		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.52		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.5		1.5	ug/m3	TO-15
Cyclohexane		18		0.20	ppb v/v	TO-15
Cyclohexane		64		0.69	ug/m3	TO-15
Carbon tetrachloride		0.069		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.43		0.25	ug/m3	TO-15
Benzene		0.31		0.20	ppb v/v	TO-15
Benzene		0.98		0.64	ug/m3	TO-15
Toluene		0.68		0.20	ppb v/v	TO-15
Toluene		2.5		0.75	ug/m3	TO-15
Chlorobenzene		0.11	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.51	J	0.92	ug/m3	TO-15
Ethylbenzene		0.13	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.56	J	0.87	ug/m3	TO-15
m,p-Xylene		0.11	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.46	J	2.2	ug/m3	TO-15
Xylene, o-		0.039	J	0.20	ppb v/v	TO-15
Xylene, o-		0.17	J	0.87	ug/m3	TO-15
Xylene (total)		0.15	J	0.20	ppb v/v	TO-15
Xylene (total)		0.65	J	0.87	ug/m3	TO-15
Styrene		0.42		0.20	ppb v/v	TO-15
Styrene		1.8		0.85	ug/m3	TO-15
4-Ethyltoluene		0.050	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.25	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,3,5-Trimethylbenzene		0.054	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.27	J	0.98	ug/m3	TO-15
2-Chlorotoluene		0.051	J	0.20	ppb v/v	TO-15
2-Chlorotoluene		0.26	J	1.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.042	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.20	J	0.98	ug/m3	TO-15
sec-Butylbenzene		0.090	J	0.20	ppb v/v	TO-15
sec-Butylbenzene		0.49	J	1.1	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-5	IA-VMP-2C					
Freon 12		0.49	J	0.50	ppb v/v	TO-15
Freon 12		2.4	J	2.5	ug/m3	TO-15
Freon 22		9.4		0.50	ppb v/v	TO-15
Freon 22		33		1.8	ug/m3	TO-15
Chloromethane		0.52		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		1.3		0.50	ppb v/v	TO-15
n-Butane		3.0		1.2	ug/m3	TO-15
1,3-Butadiene		0.31		0.20	ppb v/v	TO-15
1,3-Butadiene		0.68		0.44	ug/m3	TO-15
Freon 11		0.44		0.20	ppb v/v	TO-15
Freon 11		2.5		1.1	ug/m3	TO-15
Freon 113		0.075	J	0.20	ppb v/v	TO-15
Freon 113		0.58	J	1.5	ug/m3	TO-15
Acetone		4.6	J	5.0	ppb v/v	TO-15
Acetone		11	J	12	ug/m3	TO-15
Isopropyl alcohol		150	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		380	E	12	ug/m3	TO-15
Methylene Chloride		1.8		0.50	ppb v/v	TO-15
Methylene Chloride		6.4		1.7	ug/m3	TO-15
Hexane		0.27		0.20	ppb v/v	TO-15
Hexane		0.94		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.71		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.1		1.5	ug/m3	TO-15
Tetrahydrofuran		0.32	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.95	J	15	ug/m3	TO-15
Cyclohexane		20		0.20	ppb v/v	TO-15
Cyclohexane		67		0.69	ug/m3	TO-15
Carbon tetrachloride		0.074		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.47		0.25	ug/m3	TO-15
Benzene		0.32		0.20	ppb v/v	TO-15
Benzene		1.0		0.64	ug/m3	TO-15
Heptane		0.18	J	0.20	ppb v/v	TO-15
Heptane		0.72	J	0.82	ug/m3	TO-15
Methyl methacrylate		0.10	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.42	J	2.0	ug/m3	TO-15
Toluene		0.78		0.20	ppb v/v	TO-15
Toluene		2.9		0.75	ug/m3	TO-15
Chlorobenzene		0.12	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.57	J	0.92	ug/m3	TO-15
Ethylbenzene		0.14	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.63	J	0.87	ug/m3	TO-15
m,p-Xylene		0.18	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.79	J	2.2	ug/m3	TO-15
Xylene, o-		0.065	J	0.20	ppb v/v	TO-15
Xylene, o-		0.28	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.25		0.20	ppb v/v	TO-15
Xylene (total)		1.1		0.87	ug/m3	TO-15
Styrene		0.50		0.20	ppb v/v	TO-15
Styrene		2.1		0.85	ug/m3	TO-15
4-Ethyltoluene		0.078	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.38	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.032	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.16	J	0.98	ug/m3	TO-15
2-Chlorotoluene		0.066	J	0.20	ppb v/v	TO-15
2-Chlorotoluene		0.34	J	1.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.071	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.35	J	0.98	ug/m3	TO-15
sec-Butylbenzene		0.12	J	0.20	ppb v/v	TO-15
sec-Butylbenzene		0.64	J	1.1	ug/m3	TO-15
200-20955-7	IA-VMP-3A					
Freon 22		2.8	J	6.5	ppb v/v	TO-15
Freon 22		9.8	J	23	ug/m3	TO-15
Isopropyl alcohol		330		65	ppb v/v	TO-15
Isopropyl alcohol		810		160	ug/m3	TO-15
Methylene Chloride		440		6.5	ppb v/v	TO-15
Methylene Chloride		1500		22	ug/m3	TO-15
Tetrahydrofuran		6.8	J	65	ppb v/v	TO-15
Tetrahydrofuran		20	J	190	ug/m3	TO-15
Cyclohexane		2.5	J	2.6	ppb v/v	TO-15
Cyclohexane		8.7	J	8.9	ug/m3	TO-15
Toluene		1.5	J	2.6	ppb v/v	TO-15
Toluene		5.5	J	9.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-9	IA-VMP-3B					
Freon 12		0.46	J	0.50	ppb v/v	TO-15
Freon 12		2.3	J	2.5	ug/m3	TO-15
n-Butane		1.0		0.50	ppb v/v	TO-15
n-Butane		2.4		1.2	ug/m3	TO-15
Freon 11		0.25		0.20	ppb v/v	TO-15
Freon 11		1.4		1.1	ug/m3	TO-15
Freon 113		0.072	J	0.20	ppb v/v	TO-15
Freon 113		0.56	J	1.5	ug/m3	TO-15
Acetone		4.9	J	5.0	ppb v/v	TO-15
Acetone		12	J	12	ug/m3	TO-15
Isopropyl alcohol		38		5.0	ppb v/v	TO-15
Isopropyl alcohol		94		12	ug/m3	TO-15
Methylene Chloride		11		0.50	ppb v/v	TO-15
Methylene Chloride		39		1.7	ug/m3	TO-15
Hexane		0.13	J	0.20	ppb v/v	TO-15
Hexane		0.47	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.79		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		2.3		1.5	ug/m3	TO-15
Cyclohexane		0.83		0.20	ppb v/v	TO-15
Cyclohexane		2.9		0.69	ug/m3	TO-15
Carbon tetrachloride		0.065		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.41		0.25	ug/m3	TO-15
Benzene		0.27		0.20	ppb v/v	TO-15
Benzene		0.86		0.64	ug/m3	TO-15
Heptane		0.12	J	0.20	ppb v/v	TO-15
Heptane		0.49	J	0.82	ug/m3	TO-15
Toluene		0.56		0.20	ppb v/v	TO-15
Toluene		2.1		0.75	ug/m3	TO-15
Tetrachloroethene		0.047	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.32	J	1.4	ug/m3	TO-15
Ethylbenzene		0.048	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.21	J	0.87	ug/m3	TO-15
m,p-Xylene		0.091	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.39	J	2.2	ug/m3	TO-15
Xylene (total)		0.091	J	0.20	ppb v/v	TO-15
Xylene (total)		0.40	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-11	IA-VMP-3D					
Freon 12		0.48	J	0.50	ppb v/v	TO-15
Freon 12		2.4	J	2.5	ug/m3	TO-15
n-Butane		0.98		0.50	ppb v/v	TO-15
n-Butane		2.3		1.2	ug/m3	TO-15
Freon 11		0.26		0.20	ppb v/v	TO-15
Freon 11		1.5		1.1	ug/m3	TO-15
Freon 113		0.081	J	0.20	ppb v/v	TO-15
Freon 113		0.62	J	1.5	ug/m3	TO-15
Acetone		3.6	J	5.0	ppb v/v	TO-15
Acetone		8.4	J	12	ug/m3	TO-15
Isopropyl alcohol		31		5.0	ppb v/v	TO-15
Isopropyl alcohol		76		12	ug/m3	TO-15
Methylene Chloride		6.8		0.50	ppb v/v	TO-15
Methylene Chloride		24		1.7	ug/m3	TO-15
Hexane		0.14	J	0.20	ppb v/v	TO-15
Hexane		0.48	J	0.70	ug/m3	TO-15
Cyclohexane		0.87		0.20	ppb v/v	TO-15
Cyclohexane		3.0		0.69	ug/m3	TO-15
Carbon tetrachloride		0.072		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.45		0.25	ug/m3	TO-15
Benzene		0.31		0.20	ppb v/v	TO-15
Benzene		0.98		0.64	ug/m3	TO-15
Methyl methacrylate		0.30	J	0.50	ppb v/v	TO-15
Methyl methacrylate		1.2	J	2.0	ug/m3	TO-15
Toluene		0.46		0.20	ppb v/v	TO-15
Toluene		1.7		0.75	ug/m3	TO-15
Tetrachloroethene		0.057	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.39	J	1.4	ug/m3	TO-15
Ethylbenzene		0.056	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.24	J	0.87	ug/m3	TO-15
m,p-Xylene		0.13	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.56	J	2.2	ug/m3	TO-15
Xylene, o-		0.044	J	0.20	ppb v/v	TO-15
Xylene, o-		0.19	J	0.87	ug/m3	TO-15
Xylene (total)		0.17	J	0.20	ppb v/v	TO-15
Xylene (total)		0.76	J	0.87	ug/m3	TO-15
Styrene		0.066	J	0.20	ppb v/v	TO-15
Styrene		0.28	J	0.85	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.041	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.20	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-13	IA-VMP-5B					
Freon 22		2.4	J	6.5	ppb v/v	TO-15
Freon 22		8.5	J	23	ug/m3	TO-15
Isopropyl alcohol		300		65	ppb v/v	TO-15
Isopropyl alcohol		740		160	ug/m3	TO-15
Methylene Chloride		420		6.5	ppb v/v	TO-15
Methylene Chloride		1500		23	ug/m3	TO-15
Tetrahydrofuran		6.6	J	65	ppb v/v	TO-15
Tetrahydrofuran		19	J	190	ug/m3	TO-15
Cyclohexane		2.4	J	2.6	ppb v/v	TO-15
Cyclohexane		8.3	J	8.9	ug/m3	TO-15
Toluene		1.4	J	2.6	ppb v/v	TO-15
Toluene		5.4	J	9.8	ug/m3	TO-15
200-20955-15	IA-VMP-6A					
Isopropyl alcohol		430		74	ppb v/v	TO-15
Isopropyl alcohol		1100		180	ug/m3	TO-15
Methylene Chloride		320		7.4	ppb v/v	TO-15
Methylene Chloride		1100		26	ug/m3	TO-15
Tetrahydrofuran		19	J	74	ppb v/v	TO-15
Tetrahydrofuran		57	J	220	ug/m3	TO-15
Cyclohexane		3.3		3.0	ppb v/v	TO-15
Cyclohexane		11		10	ug/m3	TO-15
Toluene		1.7	J	3.0	ppb v/v	TO-15
Toluene		6.3	J	11	ug/m3	TO-15
200-20955-17	IA-VMP-6B					
Freon 22		0.75	J	5.0	ppb v/v	TO-15
Freon 22		2.7	J	18	ug/m3	TO-15
Isopropyl alcohol		280		50	ppb v/v	TO-15
Isopropyl alcohol		690		120	ug/m3	TO-15
Methylene Chloride		370		5.0	ppb v/v	TO-15
Methylene Chloride		1300		17	ug/m3	TO-15
Tetrahydrofuran		9.2	J	50	ppb v/v	TO-15
Tetrahydrofuran		27	J	150	ug/m3	TO-15
Cyclohexane		3.1		2.0	ppb v/v	TO-15
Cyclohexane		11		6.9	ug/m3	TO-15
Toluene		1.5	J	2.0	ppb v/v	TO-15
Toluene		5.6	J	7.5	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-19	IA-VMP-3E					
Freon 12		0.53		0.50	ppb v/v	TO-15
Freon 12		2.6		2.5	ug/m3	TO-15
Freon 22		4.1		0.50	ppb v/v	TO-15
Freon 22		14		1.8	ug/m3	TO-15
Chloromethane		0.62		0.50	ppb v/v	TO-15
Chloromethane		1.3		1.0	ug/m3	TO-15
n-Butane		1.4		0.50	ppb v/v	TO-15
n-Butane		3.2		1.2	ug/m3	TO-15
1,3-Butadiene		0.12	J	0.20	ppb v/v	TO-15
1,3-Butadiene		0.27	J	0.44	ug/m3	TO-15
Freon 11		0.29		0.20	ppb v/v	TO-15
Freon 11		1.6		1.1	ug/m3	TO-15
Freon 113		0.086	J	0.20	ppb v/v	TO-15
Freon 113		0.66	J	1.5	ug/m3	TO-15
Acetone		6.3		5.0	ppb v/v	TO-15
Acetone		15		12	ug/m3	TO-15
Isopropyl alcohol		46	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		110	E	12	ug/m3	TO-15
Methylene Chloride		2.2		0.50	ppb v/v	TO-15
Methylene Chloride		7.5		1.7	ug/m3	TO-15
Hexane		0.27		0.20	ppb v/v	TO-15
Hexane		0.96		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.51		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.5		1.5	ug/m3	TO-15
Tetrahydrofuran		0.093	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.27	J	15	ug/m3	TO-15
Cyclohexane		1.9		0.20	ppb v/v	TO-15
Cyclohexane		6.5		0.69	ug/m3	TO-15
Carbon tetrachloride		0.068		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.43		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.094	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.44	J	0.93	ug/m3	TO-15
Benzene		0.33		0.20	ppb v/v	TO-15
Benzene		1.1		0.64	ug/m3	TO-15
Methyl methacrylate		0.088	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.36	J	2.0	ug/m3	TO-15
Toluene		0.87		0.20	ppb v/v	TO-15
Toluene		3.3		0.75	ug/m3	TO-15
Tetrachloroethene		0.058	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.39	J	1.4	ug/m3	TO-15
Ethylbenzene		0.083	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.36	J	0.87	ug/m3	TO-15
m,p-Xylene		0.18	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.79	J	2.2	ug/m3	TO-15
Xylene, o-		0.047	J	0.20	ppb v/v	TO-15
Xylene, o-		0.21	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.23		0.20	ppb v/v	TO-15
Xylene (total)		0.99		0.87	ug/m3	TO-15
Styrene		0.031	J	0.20	ppb v/v	TO-15
Styrene		0.13	J	0.85	ug/m3	TO-15
sec-Butylbenzene		0.70		0.20	ppb v/v	TO-15
sec-Butylbenzene		3.8		1.1	ug/m3	TO-15
4-Isopropyltoluene		0.25		0.20	ppb v/v	TO-15
4-Isopropyltoluene		1.4		1.1	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-21	IA-VMP-4					
Freon 12		0.49	J	0.50	ppb v/v	TO-15
Freon 12		2.4	J	2.5	ug/m3	TO-15
Freon 22		14		0.50	ppb v/v	TO-15
Freon 22		49		1.8	ug/m3	TO-15
n-Butane		1.1		0.50	ppb v/v	TO-15
n-Butane		2.5		1.2	ug/m3	TO-15
1,3-Butadiene		0.23		0.20	ppb v/v	TO-15
1,3-Butadiene		0.51		0.44	ug/m3	TO-15
Freon 11		0.44		0.20	ppb v/v	TO-15
Freon 11		2.5		1.1	ug/m3	TO-15
Freon 113		0.052	J	0.20	ppb v/v	TO-15
Freon 113		0.40	J	1.5	ug/m3	TO-15
Acetone		4.5	J	5.0	ppb v/v	TO-15
Acetone		11	J	12	ug/m3	TO-15
Isopropyl alcohol		160	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		400	E	12	ug/m3	TO-15
Methylene Chloride		1.8		0.50	ppb v/v	TO-15
Methylene Chloride		6.3		1.7	ug/m3	TO-15
Hexane		0.20		0.20	ppb v/v	TO-15
Hexane		0.71		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.60		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.8		1.5	ug/m3	TO-15
Cyclohexane		19		0.20	ppb v/v	TO-15
Cyclohexane		67		0.69	ug/m3	TO-15
Carbon tetrachloride		0.066		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.42		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.11	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.53	J	0.93	ug/m3	TO-15
Benzene		0.29		0.20	ppb v/v	TO-15
Benzene		0.93		0.64	ug/m3	TO-15
Heptane		0.13	J	0.20	ppb v/v	TO-15
Heptane		0.53	J	0.82	ug/m3	TO-15
Methyl methacrylate		0.097	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.40	J	2.0	ug/m3	TO-15
1,4-Dioxane		0.59	J	5.0	ppb v/v	TO-15
1,4-Dioxane		2.1	J	18	ug/m3	TO-15
Toluene		0.71		0.20	ppb v/v	TO-15
Toluene		2.7		0.75	ug/m3	TO-15
Chlorobenzene		0.097	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.45	J	0.92	ug/m3	TO-15
Ethylbenzene		0.13	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.55	J	0.87	ug/m3	TO-15
m,p-Xylene		0.15	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.65	J	2.2	ug/m3	TO-15
Xylene, o-		0.056	J	0.20	ppb v/v	TO-15
Xylene, o-		0.24	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.21		0.20	ppb v/v	TO-15
Xylene (total)		0.89		0.87	ug/m3	TO-15
Styrene		0.47		0.20	ppb v/v	TO-15
Styrene		2.0		0.85	ug/m3	TO-15
4-Ethyltoluene		0.052	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.26	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.031	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.15	J	0.98	ug/m3	TO-15
2-Chlorotoluene		0.054	J	0.20	ppb v/v	TO-15
2-Chlorotoluene		0.28	J	1.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.053	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.26	J	0.98	ug/m3	TO-15
sec-Butylbenzene		0.11	J	0.20	ppb v/v	TO-15
sec-Butylbenzene		0.62	J	1.1	ug/m3	TO-15
200-20955-23	IA-VMP-5A					
Freon 22		8.1	J	19	ppb v/v	TO-15
Freon 22		29	J	68	ug/m3	TO-15
Isopropyl alcohol		710		190	ppb v/v	TO-15
Isopropyl alcohol		1700		470	ug/m3	TO-15
Methylene Chloride		470		19	ppb v/v	TO-15
Methylene Chloride		1600		67	ug/m3	TO-15
Tetrahydrofuran		6.4	J	190	ppb v/v	TO-15
Tetrahydrofuran		19	J	560	ug/m3	TO-15
Toluene		1.9	J	7.7	ppb v/v	TO-15
Toluene		7.1	J	29	ug/m3	TO-15
1,2,4-Trichlorobenzene		1.1	J * B	19	ppb v/v	TO-15
1,2,4-Trichlorobenzene		8.3	J * B	140	ug/m3	TO-15
200-20955-26	IA-VMP-7A					
Isopropyl alcohol		230		50	ppb v/v	TO-15
Isopropyl alcohol		560		120	ug/m3	TO-15
Methylene Chloride		190		5.0	ppb v/v	TO-15
Methylene Chloride		640		17	ug/m3	TO-15
Tetrahydrofuran		11	J	50	ppb v/v	TO-15
Tetrahydrofuran		33	J	150	ug/m3	TO-15
Cyclohexane		1.6	J	2.0	ppb v/v	TO-15
Cyclohexane		5.5	J	6.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-27	IA-VMP-7					
Freon 22		1.7	J	5.0	ppb v/v	TO-15
Freon 22		6.0	J	18	ug/m3	TO-15
Isopropyl alcohol		130		50	ppb v/v	TO-15
Isopropyl alcohol		320		120	ug/m3	TO-15
Methylene Chloride		100		5.0	ppb v/v	TO-15
Methylene Chloride		360		17	ug/m3	TO-15
Tetrahydrofuran		1.6	J	50	ppb v/v	TO-15
Tetrahydrofuran		4.7	J	150	ug/m3	TO-15
Cyclohexane		0.54	J	2.0	ppb v/v	TO-15
Cyclohexane		1.9	J	6.9	ug/m3	TO-15
Toluene		0.54	J	2.0	ppb v/v	TO-15
Toluene		2.0	J	7.5	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-29	IA-VMP-8D					
Freon 12		0.47	J	0.50	ppb v/v	TO-15
Freon 12		2.3	J	2.5	ug/m3	TO-15
Freon 22		0.24	J	0.50	ppb v/v	TO-15
Freon 22		0.84	J	1.8	ug/m3	TO-15
Chloromethane		0.53		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		7.2		0.50	ppb v/v	TO-15
n-Butane		17		1.2	ug/m3	TO-15
1,3-Butadiene		0.13	J	0.20	ppb v/v	TO-15
1,3-Butadiene		0.30	J	0.44	ug/m3	TO-15
Freon 11		0.22		0.20	ppb v/v	TO-15
Freon 11		1.2		1.1	ug/m3	TO-15
Freon 113		0.064	J	0.20	ppb v/v	TO-15
Freon 113		0.49	J	1.5	ug/m3	TO-15
Acetone		8.5		5.0	ppb v/v	TO-15
Acetone		20		12	ug/m3	TO-15
Isopropyl alcohol		8.9		5.0	ppb v/v	TO-15
Isopropyl alcohol		22		12	ug/m3	TO-15
Methylene Chloride		0.38	J	0.50	ppb v/v	TO-15
Methylene Chloride		1.3	J	1.7	ug/m3	TO-15
Hexane		0.16	J	0.20	ppb v/v	TO-15
Hexane		0.58	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		1.8		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		5.3		1.5	ug/m3	TO-15
Carbon tetrachloride		0.042		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.26		0.25	ug/m3	TO-15
Benzene		0.31		0.20	ppb v/v	TO-15
Benzene		1.0		0.64	ug/m3	TO-15
Methyl methacrylate		0.29	J	0.50	ppb v/v	TO-15
Methyl methacrylate		1.2	J	2.0	ug/m3	TO-15
Toluene		2.1		0.20	ppb v/v	TO-15
Toluene		8.0		0.75	ug/m3	TO-15
Ethylbenzene		0.054	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.24	J	0.87	ug/m3	TO-15
m,p-Xylene		0.15	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.64	J	2.2	ug/m3	TO-15
Xylene, o-		0.055	J	0.20	ppb v/v	TO-15
Xylene, o-		0.24	J	0.87	ug/m3	TO-15
Xylene (total)		0.21		0.20	ppb v/v	TO-15
Xylene (total)		0.89		0.87	ug/m3	TO-15
4-Isopropyltoluene		0.091	J	0.20	ppb v/v	TO-15
4-Isopropyltoluene		0.50	J	1.1	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-31	IA-DUP-021214					
Freon 12		0.59		0.50	ppb v/v	TO-15
Freon 12		2.9		2.5	ug/m3	TO-15
Freon 22		0.37	J	0.50	ppb v/v	TO-15
Freon 22		1.3	J	1.8	ug/m3	TO-15
Chloromethane		0.61		0.50	ppb v/v	TO-15
Chloromethane		1.3		1.0	ug/m3	TO-15
n-Butane		1.2		0.50	ppb v/v	TO-15
n-Butane		2.8		1.2	ug/m3	TO-15
1,3-Butadiene		0.27		0.20	ppb v/v	TO-15
1,3-Butadiene		0.60		0.44	ug/m3	TO-15
Freon 11		0.67		0.20	ppb v/v	TO-15
Freon 11		3.8		1.1	ug/m3	TO-15
Freon 113		0.090	J	0.20	ppb v/v	TO-15
Freon 113		0.69	J	1.5	ug/m3	TO-15
Acetone		4.0	J	5.0	ppb v/v	TO-15
Acetone		9.5	J	12	ug/m3	TO-15
Isopropyl alcohol		93	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		230	E	12	ug/m3	TO-15
Carbon disulfide		0.24	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.74	J	1.6	ug/m3	TO-15
Methylene Chloride		1.7		0.50	ppb v/v	TO-15
Methylene Chloride		6.0		1.7	ug/m3	TO-15
Hexane		0.33		0.20	ppb v/v	TO-15
Hexane		1.2		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		0.61		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		1.8		1.5	ug/m3	TO-15
Cyclohexane		19		0.20	ppb v/v	TO-15
Cyclohexane		64		0.69	ug/m3	TO-15
Carbon tetrachloride		0.083		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.52		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.17	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.79	J	0.93	ug/m3	TO-15
Benzene		0.37		0.20	ppb v/v	TO-15
Benzene		1.2		0.64	ug/m3	TO-15
Heptane		0.23		0.20	ppb v/v	TO-15
Heptane		0.93		0.82	ug/m3	TO-15
Toluene		0.84		0.20	ppb v/v	TO-15
Toluene		3.2		0.75	ug/m3	TO-15
Tetrachloroethene		0.035	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.24	J	1.4	ug/m3	TO-15
Chlorobenzene		0.091	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.42	J	0.92	ug/m3	TO-15
Ethylbenzene		0.13	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.57	J	0.87	ug/m3	TO-15
m,p-Xylene		0.19	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.82	J	2.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene, o-		0.069	J	0.20	ppb v/v	TO-15
Xylene, o-		0.30	J	0.87	ug/m3	TO-15
Xylene (total)		0.26		0.20	ppb v/v	TO-15
Xylene (total)		1.1		0.87	ug/m3	TO-15
Styrene		0.26		0.20	ppb v/v	TO-15
Styrene		1.1		0.85	ug/m3	TO-15
4-Ethyltoluene		0.028	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.14	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.024	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.12	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.062	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.30	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20969-2	AMB-021314					
Freon 12		0.50		0.50	ppb v/v	TO-15
Freon 12		2.5		2.5	ug/m3	TO-15
Freon 22		0.30	J	0.50	ppb v/v	TO-15
Freon 22		1.1	J	1.8	ug/m3	TO-15
Chloromethane		0.54		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		2.2		0.50	ppb v/v	TO-15
n-Butane		5.1		1.2	ug/m3	TO-15
Freon 11		0.22		0.20	ppb v/v	TO-15
Freon 11		1.2		1.1	ug/m3	TO-15
Freon 113		0.077	J	0.20	ppb v/v	TO-15
Freon 113		0.59	J	1.5	ug/m3	TO-15
Acetone		4.0	J	5.0	ppb v/v	TO-15
Acetone		9.6	J	12	ug/m3	TO-15
Isopropyl alcohol		2.3	J	5.0	ppb v/v	TO-15
Isopropyl alcohol		5.8	J	12	ug/m3	TO-15
Hexane		0.52		0.20	ppb v/v	TO-15
Hexane		1.8		0.70	ug/m3	TO-15
Cyclohexane		0.087	J	0.20	ppb v/v	TO-15
Cyclohexane		0.30	J	0.69	ug/m3	TO-15
Carbon tetrachloride		0.074		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.47		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.15	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.72	J	0.93	ug/m3	TO-15
Benzene		0.43		0.20	ppb v/v	TO-15
Benzene		1.4		0.64	ug/m3	TO-15
Heptane		0.33		0.20	ppb v/v	TO-15
Heptane		1.4		0.82	ug/m3	TO-15
Trichloroethene		0.16		0.040	ppb v/v	TO-15
Trichloroethene		0.84		0.21	ug/m3	TO-15
Toluene		0.51		0.20	ppb v/v	TO-15
Toluene		1.9		0.75	ug/m3	TO-15
Ethylbenzene		0.077	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.33	J	0.87	ug/m3	TO-15
m,p-Xylene		0.22	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.96	J	2.2	ug/m3	TO-15
Xylene, o-		0.071	J	0.20	ppb v/v	TO-15
Xylene, o-		0.31	J	0.87	ug/m3	TO-15
Xylene (total)		0.29		0.20	ppb v/v	TO-15
Xylene (total)		1.3		0.87	ug/m3	TO-15
4-Ethyltoluene		0.022	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.11	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.020	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.097	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.051	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.25	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
---------------	------------------	--------	-----------	-----------------	-------	--------

METHOD SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method	Analyst	Analyst ID
EPA TO-15	Daigle, Paul A	PAD
EPA TO-15	Desjardins, William R	WRD
EPA TO-15	Lyons, Benjamin P	BPL

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-1B

Lab Sample ID: 200-20955-1

Date Sampled: 02/12/2014 1905

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_015.d
Dilution:	1.0			Initial Weight/Volume:	344 mL
Analysis Date:	02/17/2014 2303			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2303			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.51		0.030	0.50
Freon 22	0.31	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.55		0.14	0.50
n-Butane	1.4		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.26		0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.60		0.030	0.20
Freon 113	0.081	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	4.4	J	1.3	5.0
Isopropyl alcohol	82	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	1.5		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.53		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.54		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	16		0.025	0.20
Carbon tetrachloride	0.060		0.021	0.040
2,2,4-Trimethylpentane	0.29		0.027	0.20
Benzene	0.31		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.38		0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.75		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.032	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-1B

Lab Sample ID: 200-20955-1

Date Sampled: 02/12/2014 1905

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_015.d
Dilution:	1.0			Initial Weight/Volume:	344 mL
Analysis Date:	02/17/2014 2303			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2303			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.080	J	0.0081	0.20
Ethylbenzene	0.12	J	0.013	0.20
m,p-Xylene	0.17	J	0.023	0.50
Xylene, o-	0.058	J	0.016	0.20
Xylene (total)	0.23		0.034	0.20
Styrene	0.23		0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.052	J	0.018	0.20
1,3,5-Trimethylbenzene	0.030	J	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.055	J	0.014	0.20
sec-Butylbenzene	0.29		0.080	0.20
4-Isopropyltoluene	0.13	J	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.5		0.15	2.5
Freon 22	1.1	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.1		0.28	1.0
n-Butane	3.4		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.58		0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	3.4		0.17	1.1
Freon 113	0.62	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	11	J	3.0	12
Isopropyl alcohol	200	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-1B

Lab Sample ID: 200-20955-1

Date Sampled: 02/12/2014 1905

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_015.d
Dilution:	1.0			Initial Weight/Volume:	344 mL
Analysis Date:	02/17/2014 2303			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2303			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	5.3		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	1.9		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.6		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	55		0.086	0.69
Carbon tetrachloride	0.38		0.13	0.25
2,2,4-Trimethylpentane	1.4		0.13	0.93
Benzene	1.0		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	1.6		0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	2.8		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.22	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.37	J	0.037	0.92
Ethylbenzene	0.51	J	0.056	0.87
m,p-Xylene	0.72	J	0.10	2.2
Xylene, o-	0.25	J	0.069	0.87
Xylene (total)	0.99		0.15	0.87
Styrene	0.98		0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.25	J	0.088	0.98
1,3,5-Trimethylbenzene	0.15	J	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.27	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-1B

Lab Sample ID: 200-20955-1

Date Sampled: 02/12/2014 1905

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_015.d
Dilution:	1.0			Initial Weight/Volume:	344 mL
Analysis Date:	02/17/2014 2303			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2303			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.6		0.44	1.1
4-Isopropyltoluene	0.69	J	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2B

Lab Sample ID: 200-20955-3

Date Sampled: 02/12/2014 1724

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/17/2014 2352			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2352			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.48	J	0.030	0.50
Freon 22	10		0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.51		0.14	0.50
n-Butane	1.1		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.37		0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.43		0.030	0.20
Freon 113	0.068	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	3.5	J	1.3	5.0
Isopropyl alcohol	140	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	1.1		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.52		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	18		0.025	0.20
Carbon tetrachloride	0.069		0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.31		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.68		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.20	U	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2B

Lab Sample ID: 200-20955-3

Date Sampled: 02/12/2014 1724

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/17/2014 2352			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2352			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.11	J	0.0081	0.20
Ethylbenzene	0.13	J	0.013	0.20
m,p-Xylene	0.11	J	0.023	0.50
Xylene, o-	0.039	J	0.016	0.20
Xylene (total)	0.15	J	0.034	0.20
Styrene	0.42		0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.050	J	0.018	0.20
1,3,5-Trimethylbenzene	0.054	J	0.012	0.20
2-Chlorotoluene	0.051	J	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.042	J	0.014	0.20
sec-Butylbenzene	0.090	J	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.4	J	0.15	2.5
Freon 22	36		0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.1		0.28	1.0
n-Butane	2.5		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.81		0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	2.4		0.17	1.1
Freon 113	0.52	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	8.4	J	3.0	12
Isopropyl alcohol	340	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2B

Lab Sample ID: 200-20955-3

Date Sampled: 02/12/2014 1724

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/17/2014 2352			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2352			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	3.8		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.71		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	64		0.086	0.69
Carbon tetrachloride	0.43		0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.98		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	2.5		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.51	J	0.037	0.92
Ethylbenzene	0.56	J	0.056	0.87
m,p-Xylene	0.46	J	0.10	2.2
Xylene, o-	0.17	J	0.069	0.87
Xylene (total)	0.65	J	0.15	0.87
Styrene	1.8		0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.25	J	0.088	0.98
1,3,5-Trimethylbenzene	0.27	J	0.059	0.98
2-Chlorotoluene	0.26	J	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.20	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2B

Lab Sample ID: 200-20955-3

Date Sampled: 02/12/2014 1724

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/17/2014 2352			Final Weight/Volume:	200 mL
Prep Date:	02/17/2014 2352			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	0.49	J	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2C

Lab Sample ID: 200-20955-5

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0044			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0044			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.49	J	0.030	0.50
Freon 22	9.4		0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.52		0.14	0.50
n-Butane	1.3		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.31		0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.44		0.030	0.20
Freon 113	0.075	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	4.6	J	1.3	5.0
Isopropyl alcohol	150	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	1.8		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.27		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.71		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	0.32	J	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	20		0.025	0.20
Carbon tetrachloride	0.074		0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.32		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.18	J	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.10	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.78		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.20	U	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2C

Lab Sample ID: 200-20955-5

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0044			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0044			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.12	J	0.0081	0.20
Ethylbenzene	0.14	J	0.013	0.20
m,p-Xylene	0.18	J	0.023	0.50
Xylene, o-	0.065	J	0.016	0.20
Xylene (total)	0.25		0.034	0.20
Styrene	0.50		0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.078	J	0.018	0.20
1,3,5-Trimethylbenzene	0.032	J	0.012	0.20
2-Chlorotoluene	0.066	J	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.071	J	0.014	0.20
sec-Butylbenzene	0.12	J	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.4	J	0.15	2.5
Freon 22	33		0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.1		0.28	1.0
n-Butane	3.0		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.68		0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	2.5		0.17	1.1
Freon 113	0.58	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	11	J	3.0	12
Isopropyl alcohol	380	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2C

Lab Sample ID: 200-20955-5

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0044			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0044			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	6.4		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.94		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	2.1		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	0.95	J	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	67		0.086	0.69
Carbon tetrachloride	0.47		0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	1.0		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.72	J	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	0.42	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	2.9		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.57	J	0.037	0.92
Ethylbenzene	0.63	J	0.056	0.87
m,p-Xylene	0.79	J	0.10	2.2
Xylene, o-	0.28	J	0.069	0.87
Xylene (total)	1.1		0.15	0.87
Styrene	2.1		0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.38	J	0.088	0.98
1,3,5-Trimethylbenzene	0.16	J	0.059	0.98
2-Chlorotoluene	0.34	J	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.35	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-2C

Lab Sample ID: 200-20955-5

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_017.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0044			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0044			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	0.64	J	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3A

Lab Sample ID: 200-20955-7

Date Sampled: 02/12/2014 1702

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_019.D
Dilution:	12.9			Initial Weight/Volume:	47 mL
Analysis Date:	02/22/2014 0130			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0130			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	6.5	U	0.39	6.5
Freon 22	2.8	J	0.62	6.5
Freon-114	2.6	U	0.45	2.6
Chloromethane	6.5	U	1.8	6.5
n-Butane	6.5	U	3.6	6.5
Vinyl chloride	0.52	U	0.49	0.52
1,3-Butadiene	2.6	U	0.54	2.6
Bromomethane	2.6	U	0.36	2.6
Chloroethane	6.5	U	0.39	6.5
Vinyl bromide	2.6	U	0.39	2.6
Freon 11	2.6	U	0.39	2.6
Freon 113	2.6	U	0.23	2.6
1,1-Dichloroethene	2.6	U	0.31	2.6
Acetone	65	U	16	65
Isopropyl alcohol	330		2.8	65
Carbon disulfide	6.5	U	0.85	6.5
Allyl chloride	6.5	U	0.44	6.5
Methylene Chloride	440		1.6	6.5
tert-Butyl alcohol	65	U	4.2	65
Methyl tert-butyl ether	2.6	U	0.28	2.6
trans-1,2-Dichloroethene	2.6	U	0.37	2.6
Hexane	2.6	U	0.44	2.6
1,1-Dichloroethane	2.6	U	0.49	2.6
Methyl Ethyl Ketone	6.5	U	3.1	6.5
cis-1,2-Dichloroethene	2.6	U	0.49	2.6
1,2-Dichloroethene, Total	2.6	U	0.83	2.6
Chloroform	2.6	U	0.32	2.6
Tetrahydrofuran	6.8	J	0.59	65
1,1,1-Trichloroethane	2.6	U	0.27	2.6
Cyclohexane	2.5	J	0.32	2.6
Carbon tetrachloride	0.52	U	0.27	0.52
2,2,4-Trimethylpentane	2.6	U	0.35	2.6
Benzene	2.6	U	0.25	2.6
1,2-Dichloroethane	2.6	U	0.22	2.6
Heptane	2.6	U	0.59	2.6
Trichloroethene	0.52	U	0.31	0.52
Methyl methacrylate	6.5	U	0.39	6.5
1,2-Dichloropropane	2.6	U	0.41	2.6
1,4-Dioxane	65	U	2.6	65
Bromodichloromethane	2.6	U	0.22	2.6
cis-1,3-Dichloropropene	2.6	U	0.36	2.6
methyl isobutyl ketone	6.5	U	0.35	6.5
Toluene	1.5	J	0.22	2.6
trans-1,3-Dichloropropene	2.6	U	0.28	2.6
1,1,2-Trichloroethane	2.6	U	0.22	2.6
Tetrachloroethene	2.6	U	0.21	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3A

Lab Sample ID: 200-20955-7

Date Sampled: 02/12/2014 1702

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_019.D
Dilution:	12.9			Initial Weight/Volume:	47 mL
Analysis Date:	02/22/2014 0130			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0130			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	6.5	U	2.6	6.5
Dibromochloromethane	2.6	U	0.26	2.6
1,2-Dibromoethane	2.6	U	0.26	2.6
Chlorobenzene	2.6	U	0.10	2.6
Ethylbenzene	2.6	U	0.17	2.6
m,p-Xylene	6.5	U	0.30	6.5
Xylene, o-	2.6	U	0.21	2.6
Xylene (total)	2.6	U	0.44	2.6
Styrene	2.6	U	0.23	2.6
Bromoform	2.6	U	0.13	2.6
1,1,2,2-Tetrachloroethane	2.6	U	0.21	2.6
n-Propylbenzene	2.6	U	1.0	2.6
4-Ethyltoluene	2.6	U	0.23	2.6
1,3,5-Trimethylbenzene	2.6	U	0.15	2.6
2-Chlorotoluene	2.6	U	0.17	2.6
tert-Butylbenzene	2.6	U	0.22	2.6
1,2,4-Trimethylbenzene	2.6	U	0.18	2.6
sec-Butylbenzene	2.6	U	1.0	2.6
4-Isopropyltoluene	2.6	U	1.0	2.6
1,3-Dichlorobenzene	2.6	U	0.18	2.6
1,4-Dichlorobenzene	2.6	U	0.18	2.6
Benzyl chloride	2.6	U	1.0	2.6
n-Butylbenzene	2.6	U	1.0	2.6
1,2-Dichlorobenzene	2.6	U	0.18	2.6
1,2,4-Trichlorobenzene	6.5	U	0.35	6.5
Hexachloro-1,3-butadiene	2.6	U	0.28	2.6
Naphthalene	6.5	U	2.6	6.5

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	32	U	1.9	32
Freon 22	9.8	J	2.2	23
Freon-114	18	U	3.2	18
Chloromethane	13	U	3.6	13
n-Butane	15	U	8.6	15
Vinyl chloride	1.3	U	1.3	1.3
1,3-Butadiene	5.7	U	1.2	5.7
Bromomethane	10	U	1.4	10
Chloroethane	17	U	1.0	17
Vinyl bromide	11	U	1.7	11
Freon 11	14	U	2.2	14
Freon 113	20	U	1.8	20
1,1-Dichloroethene	10	U	1.2	10
Acetone	150	U	38	150
Isopropyl alcohol	810		6.8	160
Carbon disulfide	20	U	2.7	20
Allyl chloride	20	U	1.4	20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3A

Lab Sample ID: 200-20955-7

Date Sampled: 02/12/2014 1702

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_019.D
Dilution:	12.9			Initial Weight/Volume:	47 mL
Analysis Date:	02/22/2014 0130			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0130			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1500		5.6	22
tert-Butyl alcohol	200	U	13	200
Methyl tert-butyl ether	9.3	U	1.0	9.3
trans-1,2-Dichloroethene	10	U	1.5	10
Hexane	9.1	U	1.5	9.1
1,1-Dichloroethane	10	U	2.0	10
Methyl Ethyl Ketone	19	U	9.2	19
cis-1,2-Dichloroethene	10	U	1.9	10
1,2-Dichloroethene, Total	10	U	3.3	10
Chloroform	13	U	1.6	13
Tetrahydrofuran	20	J	1.8	190
1,1,1-Trichloroethane	14	U	1.5	14
Cyclohexane	8.7	J	1.1	8.9
Carbon tetrachloride	3.2	U	1.7	3.2
2,2,4-Trimethylpentane	12	U	1.6	12
Benzene	8.2	U	0.78	8.2
1,2-Dichloroethane	10	U	0.89	10
Heptane	11	U	2.4	11
Trichloroethene	2.8	U	1.7	2.8
Methyl methacrylate	26	U	1.6	26
1,2-Dichloropropane	12	U	1.9	12
1,4-Dioxane	230	U	9.3	230
Bromodichloromethane	17	U	1.5	17
cis-1,3-Dichloropropene	12	U	1.6	12
methyl isobutyl ketone	26	U	1.4	26
Toluene	5.5	J	0.83	9.7
trans-1,3-Dichloropropene	12	U	1.3	12
1,1,2-Trichloroethane	14	U	1.2	14
Tetrachloroethene	17	U	1.4	17
Methyl Butyl Ketone (2-Hexanone)	26	U	11	26
Dibromochloromethane	22	U	2.2	22
1,2-Dibromoethane	20	U	2.0	20
Chlorobenzene	12	U	0.48	12
Ethylbenzene	11	U	0.73	11
m,p-Xylene	28	U	1.3	28
Xylene, o-	11	U	0.90	11
Xylene (total)	11	U	1.9	11
Styrene	11	U	0.99	11
Bromoform	27	U	1.3	27
1,1,2,2-Tetrachloroethane	18	U	1.4	18
n-Propylbenzene	13	U	5.1	13
4-Ethyltoluene	13	U	1.1	13
1,3,5-Trimethylbenzene	13	U	0.76	13
2-Chlorotoluene	13	U	0.87	13
tert-Butylbenzene	14	U	1.2	14
1,2,4-Trimethylbenzene	13	U	0.89	13

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3A

Lab Sample ID: 200-20955-7

Date Sampled: 02/12/2014 1702

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_019.D
Dilution:	12.9			Initial Weight/Volume:	47 mL
Analysis Date:	02/22/2014 0130			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0130			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	14	U	5.7	14
4-Isopropyltoluene	14	U	5.7	14
1,3-Dichlorobenzene	16	U	1.1	16
1,4-Dichlorobenzene	16	U	1.1	16
Benzyl chloride	13	U	5.3	13
n-Butylbenzene	14	U	5.7	14
1,2-Dichlorobenzene	16	U	1.1	16
1,2,4-Trichlorobenzene	48	U	2.6	48
Hexachloro-1,3-butadiene	28	U	3.0	28
Naphthalene	34	U	14	34

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3B

Lab Sample ID: 200-20955-9

Date Sampled: 02/12/2014 1722

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0223			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0223			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.46	J	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	1.0		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.25		0.030	0.20
Freon 113	0.072	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	4.9	J	1.3	5.0
Isopropyl alcohol	38		0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	11		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.13	J	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.79		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.83		0.025	0.20
Carbon tetrachloride	0.065		0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.27		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.12	J	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.56		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.047	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3B

Lab Sample ID: 200-20955-9

Date Sampled: 02/12/2014 1722

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0223			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0223			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.048	J	0.013	0.20
m,p-Xylene	0.091	J	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.091	J	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.3	J	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	2.4		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.4		0.17	1.1
Freon 113	0.56	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	J	3.0	12
Isopropyl alcohol	94		0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3B

Lab Sample ID: 200-20955-9

Date Sampled: 02/12/2014 1722

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0223			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0223			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	39		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.47	J	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	2.3		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	2.9		0.086	0.69
Carbon tetrachloride	0.41		0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.86		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.49	J	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	2.1		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.32	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.21	J	0.056	0.87
m,p-Xylene	0.39	J	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.40	J	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3B

Lab Sample ID: 200-20955-9

Date Sampled: 02/12/2014 1722

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0223			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0223			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3D

Lab Sample ID: 200-20955-11

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0313			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0313			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.48	J	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.98		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.26		0.030	0.20
Freon 113	0.081	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	3.6	J	1.3	5.0
Isopropyl alcohol	31		0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	6.8		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.14	J	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.87		0.025	0.20
Carbon tetrachloride	0.072		0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.31		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.30	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.46		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.057	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3D

Lab Sample ID: 200-20955-11

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0313			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0313			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.056	J	0.013	0.20
m,p-Xylene	0.13	J	0.023	0.50
Xylene, o-	0.044	J	0.016	0.20
Xylene (total)	0.17	J	0.034	0.20
Styrene	0.066	J	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.041	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.4	J	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	2.3		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.5		0.17	1.1
Freon 113	0.62	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	8.4	J	3.0	12
Isopropyl alcohol	76		0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3D

Lab Sample ID: 200-20955-11

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0313			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0313			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	24		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.48	J	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	3.0		0.086	0.69
Carbon tetrachloride	0.45		0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.98		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	1.2	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	1.7		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.39	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.24	J	0.056	0.87
m,p-Xylene	0.56	J	0.10	2.2
Xylene, o-	0.19	J	0.069	0.87
Xylene (total)	0.76	J	0.15	0.87
Styrene	0.28	J	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.20	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3D

Lab Sample ID: 200-20955-11

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0313			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0313			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5B

Lab Sample ID: 200-20955-13

Date Sampled: 02/12/2014 1714

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_023.D
Dilution:	13			Initial Weight/Volume:	24 mL
Analysis Date:	02/22/2014 0438			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0438			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	6.5	U	0.39	6.5
Freon 22	2.4	J	0.62	6.5
Freon-114	2.6	U	0.46	2.6
Chloromethane	6.5	U	1.8	6.5
n-Butane	6.5	U	3.7	6.5
Vinyl chloride	0.52	U	0.49	0.52
1,3-Butadiene	2.6	U	0.55	2.6
Bromomethane	2.6	U	0.36	2.6
Chloroethane	6.5	U	0.39	6.5
Vinyl bromide	2.6	U	0.39	2.6
Freon 11	2.6	U	0.39	2.6
Freon 113	2.6	U	0.23	2.6
1,1-Dichloroethene	2.6	U	0.31	2.6
Acetone	65	U	16	65
Isopropyl alcohol	300		2.8	65
Carbon disulfide	6.5	U	0.86	6.5
Allyl chloride	6.5	U	0.44	6.5
Methylene Chloride	420		1.6	6.5
tert-Butyl alcohol	65	U	4.3	65
Methyl tert-butyl ether	2.6	U	0.29	2.6
trans-1,2-Dichloroethene	2.6	U	0.38	2.6
Hexane	2.6	U	0.44	2.6
1,1-Dichloroethane	2.6	U	0.49	2.6
Methyl Ethyl Ketone	6.5	U	3.1	6.5
cis-1,2-Dichloroethene	2.6	U	0.49	2.6
1,2-Dichloroethene, Total	2.6	U	0.83	2.6
Chloroform	2.6	U	0.33	2.6
Tetrahydrofuran	6.6	J	0.60	65
1,1,1-Trichloroethane	2.6	U	0.27	2.6
Cyclohexane	2.4	J	0.33	2.6
Carbon tetrachloride	0.52	U	0.27	0.52
2,2,4-Trimethylpentane	2.6	U	0.35	2.6
Benzene	2.6	U	0.25	2.6
1,2-Dichloroethane	2.6	U	0.22	2.6
Heptane	2.6	U	0.60	2.6
Trichloroethene	0.52	U	0.31	0.52
Methyl methacrylate	6.5	U	0.39	6.5
1,2-Dichloropropane	2.6	U	0.42	2.6
1,4-Dioxane	65	U	2.6	65
Bromodichloromethane	2.6	U	0.22	2.6
cis-1,3-Dichloropropene	2.6	U	0.36	2.6
methyl isobutyl ketone	6.5	U	0.35	6.5
Toluene	1.4	J	0.22	2.6
trans-1,3-Dichloropropene	2.6	U	0.29	2.6
1,1,2-Trichloroethane	2.6	U	0.22	2.6
Tetrachloroethene	2.6	U	0.21	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5B

Lab Sample ID: 200-20955-13

Date Sampled: 02/12/2014 1714

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_023.D
Dilution:	13			Initial Weight/Volume:	24 mL
Analysis Date:	02/22/2014 0438			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0438			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	6.5	U	2.6	6.5
Dibromochloromethane	2.6	U	0.26	2.6
1,2-Dibromoethane	2.6	U	0.26	2.6
Chlorobenzene	2.6	U	0.11	2.6
Ethylbenzene	2.6	U	0.17	2.6
m,p-Xylene	6.5	U	0.30	6.5
Xylene, o-	2.6	U	0.21	2.6
Xylene (total)	2.6	U	0.44	2.6
Styrene	2.6	U	0.23	2.6
Bromoform	2.6	U	0.13	2.6
1,1,2,2-Tetrachloroethane	2.6	U	0.21	2.6
n-Propylbenzene	2.6	U	1.0	2.6
4-Ethyltoluene	2.6	U	0.23	2.6
1,3,5-Trimethylbenzene	2.6	U	0.16	2.6
2-Chlorotoluene	2.6	U	0.17	2.6
tert-Butylbenzene	2.6	U	0.22	2.6
1,2,4-Trimethylbenzene	2.6	U	0.18	2.6
sec-Butylbenzene	2.6	U	1.0	2.6
4-Isopropyltoluene	2.6	U	1.0	2.6
1,3-Dichlorobenzene	2.6	U	0.18	2.6
1,4-Dichlorobenzene	2.6	U	0.18	2.6
Benzyl chloride	2.6	U	1.0	2.6
n-Butylbenzene	2.6	U	1.0	2.6
1,2-Dichlorobenzene	2.6	U	0.18	2.6
1,2,4-Trichlorobenzene	6.5	U	0.35	6.5
Hexachloro-1,3-butadiene	2.6	U	0.29	2.6
Naphthalene	6.5	U	2.6	6.5

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	32	U	1.9	32
Freon 22	8.5	J	2.2	23
Freon-114	18	U	3.2	18
Chloromethane	13	U	3.7	13
n-Butane	15	U	8.7	15
Vinyl chloride	1.3	U	1.3	1.3
1,3-Butadiene	5.8	U	1.2	5.8
Bromomethane	10	U	1.4	10
Chloroethane	17	U	1.0	17
Vinyl bromide	11	U	1.7	11
Freon 11	15	U	2.2	15
Freon 113	20	U	1.8	20
1,1-Dichloroethene	10	U	1.2	10
Acetone	150	U	39	150
Isopropyl alcohol	740		6.9	160
Carbon disulfide	20	U	2.7	20
Allyl chloride	20	U	1.4	20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5B

Lab Sample ID: 200-20955-13

Date Sampled: 02/12/2014 1714

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_023.D
Dilution:	13			Initial Weight/Volume:	24 mL
Analysis Date:	02/22/2014 0438			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0438			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1500		5.6	23
tert-Butyl alcohol	200	U	13	200
Methyl tert-butyl ether	9.4	U	1.0	9.4
trans-1,2-Dichloroethene	10	U	1.5	10
Hexane	9.2	U	1.6	9.2
1,1-Dichloroethane	11	U	2.0	11
Methyl Ethyl Ketone	19	U	9.3	19
cis-1,2-Dichloroethene	10	U	2.0	10
1,2-Dichloroethene, Total	10	U	3.3	10
Chloroform	13	U	1.6	13
Tetrahydrofuran	19	J	1.8	190
1,1,1-Trichloroethane	14	U	1.5	14
Cyclohexane	8.3	J	1.1	8.9
Carbon tetrachloride	3.3	U	1.7	3.3
2,2,4-Trimethylpentane	12	U	1.6	12
Benzene	8.3	U	0.79	8.3
1,2-Dichloroethane	11	U	0.89	11
Heptane	11	U	2.5	11
Trichloroethene	2.8	U	1.7	2.8
Methyl methacrylate	27	U	1.6	27
1,2-Dichloropropane	12	U	1.9	12
1,4-Dioxane	230	U	9.4	230
Bromodichloromethane	17	U	1.5	17
cis-1,3-Dichloropropene	12	U	1.7	12
methyl isobutyl ketone	27	U	1.4	27
Toluene	5.4	J	0.83	9.8
trans-1,3-Dichloropropene	12	U	1.3	12
1,1,2-Trichloroethane	14	U	1.2	14
Tetrachloroethene	18	U	1.4	18
Methyl Butyl Ketone (2-Hexanone)	27	U	11	27
Dibromochloromethane	22	U	2.2	22
1,2-Dibromoethane	20	U	2.0	20
Chlorobenzene	12	U	0.48	12
Ethylbenzene	11	U	0.73	11
m,p-Xylene	28	U	1.3	28
Xylene, o-	11	U	0.90	11
Xylene (total)	11	U	1.9	11
Styrene	11	U	1.0	11
Bromoform	27	U	1.3	27
1,1,2,2-Tetrachloroethane	18	U	1.4	18
n-Propylbenzene	13	U	5.1	13
4-Ethyltoluene	13	U	1.2	13
1,3,5-Trimethylbenzene	13	U	0.77	13
2-Chlorotoluene	13	U	0.87	13
tert-Butylbenzene	14	U	1.2	14
1,2,4-Trimethylbenzene	13	U	0.89	13

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5B

Lab Sample ID: 200-20955-13

Date Sampled: 02/12/2014 1714

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_023.D
Dilution:	13			Initial Weight/Volume:	24 mL
Analysis Date:	02/22/2014 0438			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0438			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	14	U	5.7	14
4-Isopropyltoluene	14	U	5.7	14
1,3-Dichlorobenzene	16	U	1.1	16
1,4-Dichlorobenzene	16	U	1.1	16
Benzyl chloride	13	U	5.4	13
n-Butylbenzene	14	U	5.7	14
1,2-Dichlorobenzene	16	U	1.1	16
1,2,4-Trichlorobenzene	48	U	2.6	48
Hexachloro-1,3-butadiene	28	U	3.1	28
Naphthalene	34	U	14	34

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6A

Lab Sample ID: 200-20955-15

Date Sampled: 02/12/2014 1652

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_025.D
Dilution:	14.8			Initial Weight/Volume:	36 mL
Analysis Date:	02/22/2014 0611			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0611			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	7.4	U	0.44	7.4
Freon 22	7.4	U	0.71	7.4
Freon-114	3.0	U	0.52	3.0
Chloromethane	7.4	U	2.0	7.4
n-Butane	7.4	U	4.2	7.4
Vinyl chloride	0.59	U	0.56	0.59
1,3-Butadiene	3.0	U	0.62	3.0
Bromomethane	3.0	U	0.41	3.0
Chloroethane	7.4	U	0.44	7.4
Vinyl bromide	3.0	U	0.44	3.0
Freon 11	3.0	U	0.44	3.0
Freon 113	3.0	U	0.27	3.0
1,1-Dichloroethene	3.0	U	0.36	3.0
Acetone	74	U	19	74
Isopropyl alcohol	430		3.2	74
Carbon disulfide	7.4	U	0.98	7.4
Allyl chloride	7.4	U	0.50	7.4
Methylene Chloride	320		1.9	7.4
tert-Butyl alcohol	74	U	4.9	74
Methyl tert-butyl ether	3.0	U	0.33	3.0
trans-1,2-Dichloroethene	3.0	U	0.43	3.0
Hexane	3.0	U	0.50	3.0
1,1-Dichloroethane	3.0	U	0.56	3.0
Methyl Ethyl Ketone	7.4	U	3.6	7.4
cis-1,2-Dichloroethene	3.0	U	0.56	3.0
1,2-Dichloroethene, Total	3.0	U	0.95	3.0
Chloroform	3.0	U	0.37	3.0
Tetrahydrofuran	19	J	0.68	74
1,1,1-Trichloroethane	3.0	U	0.31	3.0
Cyclohexane	3.3		0.37	3.0
Carbon tetrachloride	0.59	U	0.31	0.59
2,2,4-Trimethylpentane	3.0	U	0.40	3.0
Benzene	3.0	U	0.28	3.0
1,2-Dichloroethane	3.0	U	0.25	3.0
Heptane	3.0	U	0.68	3.0
Trichloroethene	0.59	U	0.36	0.59
Methyl methacrylate	7.4	U	0.44	7.4
1,2-Dichloropropane	3.0	U	0.47	3.0
1,4-Dioxane	74	U	3.0	74
Bromodichloromethane	3.0	U	0.25	3.0
cis-1,3-Dichloropropene	3.0	U	0.41	3.0
methyl isobutyl ketone	7.4	U	0.40	7.4
Toluene	1.7	J	0.25	3.0
trans-1,3-Dichloropropene	3.0	U	0.33	3.0
1,1,2-Trichloroethane	3.0	U	0.25	3.0
Tetrachloroethene	3.0	U	0.24	3.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6A

Lab Sample ID: 200-20955-15

Date Sampled: 02/12/2014 1652

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_025.D
Dilution:	14.8			Initial Weight/Volume:	36 mL
Analysis Date:	02/22/2014 0611			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0611			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	7.4	U	3.0	7.4
Dibromochloromethane	3.0	U	0.30	3.0
1,2-Dibromoethane	3.0	U	0.30	3.0
Chlorobenzene	3.0	U	0.12	3.0
Ethylbenzene	3.0	U	0.19	3.0
m,p-Xylene	7.4	U	0.34	7.4
Xylene, o-	3.0	U	0.24	3.0
Xylene (total)	3.0	U	0.50	3.0
Styrene	3.0	U	0.27	3.0
Bromoform	3.0	U	0.15	3.0
1,1,2,2-Tetrachloroethane	3.0	U	0.24	3.0
n-Propylbenzene	3.0	U	1.2	3.0
4-Ethyltoluene	3.0	U	0.27	3.0
1,3,5-Trimethylbenzene	3.0	U	0.18	3.0
2-Chlorotoluene	3.0	U	0.19	3.0
tert-Butylbenzene	3.0	U	0.25	3.0
1,2,4-Trimethylbenzene	3.0	U	0.21	3.0
sec-Butylbenzene	3.0	U	1.2	3.0
4-Isopropyltoluene	3.0	U	1.2	3.0
1,3-Dichlorobenzene	3.0	U	0.21	3.0
1,4-Dichlorobenzene	3.0	U	0.21	3.0
Benzyl chloride	3.0	U	1.2	3.0
n-Butylbenzene	3.0	U	1.2	3.0
1,2-Dichlorobenzene	3.0	U	0.21	3.0
1,2,4-Trichlorobenzene	7.4	U	0.40	7.4
Hexachloro-1,3-butadiene	3.0	U	0.33	3.0
Naphthalene	7.4	U	3.0	7.4

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	37	U	2.2	37
Freon 22	26	U	2.5	26
Freon-114	21	U	3.6	21
Chloromethane	15	U	4.2	15
n-Butane	18	U	9.9	18
Vinyl chloride	1.5	U	1.4	1.5
1,3-Butadiene	6.5	U	1.4	6.5
Bromomethane	11	U	1.6	11
Chloroethane	20	U	1.2	20
Vinyl bromide	13	U	1.9	13
Freon 11	17	U	2.5	17
Freon 113	23	U	2.0	23
1,1-Dichloroethene	12	U	1.4	12
Acetone	180	U	44	180
Isopropyl alcohol	1100		7.8	180
Carbon disulfide	23	U	3.0	23
Allyl chloride	23	U	1.6	23

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6A

Lab Sample ID: 200-20955-15

Date Sampled: 02/12/2014 1652

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_025.D
Dilution:	14.8			Initial Weight/Volume:	36 mL
Analysis Date:	02/22/2014 0611			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0611			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1100		6.4	26
tert-Butyl alcohol	220	U	15	220
Methyl tert-butyl ether	11	U	1.2	11
trans-1,2-Dichloroethene	12	U	1.7	12
Hexane	10	U	1.8	10
1,1-Dichloroethane	12	U	2.3	12
Methyl Ethyl Ketone	22	U	11	22
cis-1,2-Dichloroethene	12	U	2.2	12
1,2-Dichloroethene, Total	12	U	3.8	12
Chloroform	14	U	1.8	14
Tetrahydrofuran	57	J	2.0	220
1,1,1-Trichloroethane	16	U	1.7	16
Cyclohexane	11		1.3	10
Carbon tetrachloride	3.7	U	2.0	3.7
2,2,4-Trimethylpentane	14	U	1.9	14
Benzene	9.5	U	0.90	9.5
1,2-Dichloroethane	12	U	1.0	12
Heptane	12	U	2.8	12
Trichloroethene	3.2	U	1.9	3.2
Methyl methacrylate	30	U	1.8	30
1,2-Dichloropropane	14	U	2.2	14
1,4-Dioxane	270	U	11	270
Bromodichloromethane	20	U	1.7	20
cis-1,3-Dichloropropene	13	U	1.9	13
methyl isobutyl ketone	30	U	1.6	30
Toluene	6.3	J	0.95	11
trans-1,3-Dichloropropene	13	U	1.5	13
1,1,2-Trichloroethane	16	U	1.4	16
Tetrachloroethene	20	U	1.6	20
Methyl Butyl Ketone (2-Hexanone)	30	U	12	30
Dibromochloromethane	25	U	2.5	25
1,2-Dibromoethane	23	U	2.3	23
Chlorobenzene	14	U	0.55	14
Ethylbenzene	13	U	0.84	13
m,p-Xylene	32	U	1.5	32
Xylene, o-	13	U	1.0	13
Xylene (total)	13	U	2.2	13
Styrene	13	U	1.1	13
Bromoform	31	U	1.5	31
1,1,2,2-Tetrachloroethane	20	U	1.6	20
n-Propylbenzene	15	U	5.8	15
4-Ethyltoluene	15	U	1.3	15
1,3,5-Trimethylbenzene	15	U	0.87	15
2-Chlorotoluene	15	U	1.0	15
tert-Butylbenzene	16	U	1.4	16
1,2,4-Trimethylbenzene	15	U	1.0	15

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6A

Lab Sample ID: 200-20955-15

Date Sampled: 02/12/2014 1652

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_025.D
Dilution:	14.8			Initial Weight/Volume:	36 mL
Analysis Date:	02/22/2014 0611			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0611			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	16	U	6.5	16
4-Isopropyltoluene	16	U	6.5	16
1,3-Dichlorobenzene	18	U	1.2	18
1,4-Dichlorobenzene	18	U	1.2	18
Benzyl chloride	15	U	6.1	15
n-Butylbenzene	16	U	6.5	16
1,2-Dichlorobenzene	18	U	1.2	18
1,2,4-Trichlorobenzene	55	U	3.0	55
Hexachloro-1,3-butadiene	32	U	3.5	32
Naphthalene	39	U	16	39

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6B

Lab Sample ID: 200-20955-17

Date Sampled: 02/12/2014 1708

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_027.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0745			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0745			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	5.0	U	0.30	5.0
Freon 22	0.75	J	0.48	5.0
Freon-114	2.0	U	0.35	2.0
Chloromethane	5.0	U	1.4	5.0
n-Butane	5.0	U	2.8	5.0
Vinyl chloride	0.40	U	0.38	0.40
1,3-Butadiene	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.28	2.0
Chloroethane	5.0	U	0.30	5.0
Vinyl bromide	2.0	U	0.30	2.0
Freon 11	2.0	U	0.30	2.0
Freon 113	2.0	U	0.18	2.0
1,1-Dichloroethene	2.0	U	0.24	2.0
Acetone	50	U	13	50
Isopropyl alcohol	280		2.2	50
Carbon disulfide	5.0	U	0.66	5.0
Allyl chloride	5.0	U	0.34	5.0
Methylene Chloride	370		1.3	5.0
tert-Butyl alcohol	50	U	3.3	50
Methyl tert-butyl ether	2.0	U	0.22	2.0
trans-1,2-Dichloroethene	2.0	U	0.29	2.0
Hexane	2.0	U	0.34	2.0
1,1-Dichloroethane	2.0	U	0.38	2.0
Methyl Ethyl Ketone	5.0	U	2.4	5.0
cis-1,2-Dichloroethene	2.0	U	0.38	2.0
1,2-Dichloroethene, Total	2.0	U	0.64	2.0
Chloroform	2.0	U	0.25	2.0
Tetrahydrofuran	9.2	J	0.46	50
1,1,1-Trichloroethane	2.0	U	0.21	2.0
Cyclohexane	3.1		0.25	2.0
Carbon tetrachloride	0.40	U	0.21	0.40
2,2,4-Trimethylpentane	2.0	U	0.27	2.0
Benzene	2.0	U	0.19	2.0
1,2-Dichloroethane	2.0	U	0.17	2.0
Heptane	2.0	U	0.46	2.0
Trichloroethene	0.40	U	0.24	0.40
Methyl methacrylate	5.0	U	0.30	5.0
1,2-Dichloropropane	2.0	U	0.32	2.0
1,4-Dioxane	50	U	2.0	50
Bromodichloromethane	2.0	U	0.17	2.0
cis-1,3-Dichloropropene	2.0	U	0.28	2.0
methyl isobutyl ketone	5.0	U	0.27	5.0
Toluene	1.5	J	0.17	2.0
trans-1,3-Dichloropropene	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.17	2.0
Tetrachloroethene	2.0	U	0.16	2.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6B

Lab Sample ID: 200-20955-17

Date Sampled: 02/12/2014 1708

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_027.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0745			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0745			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	5.0	U	2.0	5.0
Dibromochloromethane	2.0	U	0.20	2.0
1,2-Dibromoethane	2.0	U	0.20	2.0
Chlorobenzene	2.0	U	0.081	2.0
Ethylbenzene	2.0	U	0.13	2.0
m,p-Xylene	5.0	U	0.23	5.0
Xylene, o-	2.0	U	0.16	2.0
Xylene (total)	2.0	U	0.34	2.0
Styrene	2.0	U	0.18	2.0
Bromoform	2.0	U	0.10	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.16	2.0
n-Propylbenzene	2.0	U	0.80	2.0
4-Ethyltoluene	2.0	U	0.18	2.0
1,3,5-Trimethylbenzene	2.0	U	0.12	2.0
2-Chlorotoluene	2.0	U	0.13	2.0
tert-Butylbenzene	2.0	U	0.17	2.0
1,2,4-Trimethylbenzene	2.0	U	0.14	2.0
sec-Butylbenzene	2.0	U	0.80	2.0
4-Isopropyltoluene	2.0	U	0.80	2.0
1,3-Dichlorobenzene	2.0	U	0.14	2.0
1,4-Dichlorobenzene	2.0	U	0.14	2.0
Benzyl chloride	2.0	U	0.80	2.0
n-Butylbenzene	2.0	U	0.80	2.0
1,2-Dichlorobenzene	2.0	U	0.14	2.0
1,2,4-Trichlorobenzene	5.0	U	0.27	5.0
Hexachloro-1,3-butadiene	2.0	U	0.22	2.0
Naphthalene	5.0	U	2.0	5.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	25	U	1.5	25
Freon 22	2.7	J	1.7	18
Freon-114	14	U	2.4	14
Chloromethane	10	U	2.8	10
n-Butane	12	U	6.7	12
Vinyl chloride	1.0	U	0.97	1.0
1,3-Butadiene	4.4	U	0.93	4.4
Bromomethane	7.8	U	1.1	7.8
Chloroethane	13	U	0.79	13
Vinyl bromide	8.7	U	1.3	8.7
Freon 11	11	U	1.7	11
Freon 113	15	U	1.4	15
1,1-Dichloroethene	7.9	U	0.95	7.9
Acetone	120	U	30	120
Isopropyl alcohol	690		5.3	120
Carbon disulfide	16	U	2.1	16
Allyl chloride	16	U	1.1	16

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6B

Lab Sample ID: 200-20955-17

Date Sampled: 02/12/2014 1708

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_027.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0745			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0745			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1300		4.3	17
tert-Butyl alcohol	150	U	9.9	150
Methyl tert-butyl ether	7.2	U	0.79	7.2
trans-1,2-Dichloroethene	7.9	U	1.1	7.9
Hexane	7.0	U	1.2	7.0
1,1-Dichloroethane	8.1	U	1.5	8.1
Methyl Ethyl Ketone	15	U	7.1	15
cis-1,2-Dichloroethene	7.9	U	1.5	7.9
1,2-Dichloroethene, Total	7.9	U	2.5	7.9
Chloroform	9.8	U	1.2	9.8
Tetrahydrofuran	27	J	1.4	150
1,1,1-Trichloroethane	11	U	1.1	11
Cyclohexane	11		0.86	6.9
Carbon tetrachloride	2.5	U	1.3	2.5
2,2,4-Trimethylpentane	9.3	U	1.3	9.3
Benzene	6.4	U	0.61	6.4
1,2-Dichloroethane	8.1	U	0.69	8.1
Heptane	8.2	U	1.9	8.2
Trichloroethene	2.1	U	1.3	2.1
Methyl methacrylate	20	U	1.2	20
1,2-Dichloropropane	9.2	U	1.5	9.2
1,4-Dioxane	180	U	7.2	180
Bromodichloromethane	13	U	1.1	13
cis-1,3-Dichloropropene	9.1	U	1.3	9.1
methyl isobutyl ketone	20	U	1.1	20
Toluene	5.6	J	0.64	7.5
trans-1,3-Dichloropropene	9.1	U	1.0	9.1
1,1,2-Trichloroethane	11	U	0.93	11
Tetrachloroethene	14	U	1.1	14
Methyl Butyl Ketone (2-Hexanone)	20	U	8.2	20
Dibromochloromethane	17	U	1.7	17
1,2-Dibromoethane	15	U	1.5	15
Chlorobenzene	9.2	U	0.37	9.2
Ethylbenzene	8.7	U	0.56	8.7
m,p-Xylene	22	U	1.0	22
Xylene, o-	8.7	U	0.69	8.7
Xylene (total)	8.7	U	1.5	8.7
Styrene	8.5	U	0.77	8.5
Bromoform	21	U	1.0	21
1,1,2,2-Tetrachloroethane	14	U	1.1	14
n-Propylbenzene	9.8	U	3.9	9.8
4-Ethyltoluene	9.8	U	0.88	9.8
1,3,5-Trimethylbenzene	9.8	U	0.59	9.8
2-Chlorotoluene	10	U	0.67	10
tert-Butylbenzene	11	U	0.93	11
1,2,4-Trimethylbenzene	9.8	U	0.69	9.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-6B

Lab Sample ID: 200-20955-17

Date Sampled: 02/12/2014 1708

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_027.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0745			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0745			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	11	U	4.4	11
4-Isopropyltoluene	11	U	4.4	11
1,3-Dichlorobenzene	12	U	0.84	12
1,4-Dichlorobenzene	12	U	0.84	12
Benzyl chloride	10	U	4.1	10
n-Butylbenzene	11	U	4.4	11
1,2-Dichlorobenzene	12	U	0.84	12
1,2,4-Trichlorobenzene	37	U	2.0	37
Hexachloro-1,3-butadiene	21	U	2.3	21
Naphthalene	26	U	10	26

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3E

Lab Sample ID: 200-20955-19

Date Sampled: 02/12/2014 1640

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0637			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0637			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.53		0.030	0.50
Freon 22	4.1		0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.62		0.14	0.50
n-Butane	1.4		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.12	J	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.29		0.030	0.20
Freon 113	0.086	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	6.3		1.3	5.0
Isopropyl alcohol	46	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	2.2		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.27		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.51		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	0.093	J	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	1.9		0.025	0.20
Carbon tetrachloride	0.068		0.021	0.040
2,2,4-Trimethylpentane	0.094	J	0.027	0.20
Benzene	0.33		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.088	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.87		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.058	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3E

Lab Sample ID: 200-20955-19

Date Sampled: 02/12/2014 1640

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0637			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0637			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.083	J	0.013	0.20
m,p-Xylene	0.18	J	0.023	0.50
Xylene, o-	0.047	J	0.016	0.20
Xylene (total)	0.23		0.034	0.20
Styrene	0.031	J	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.70		0.080	0.20
4-Isopropyltoluene	0.25		0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.6		0.15	2.5
Freon 22	14		0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.3		0.28	1.0
n-Butane	3.2		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.27	J	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.6		0.17	1.1
Freon 113	0.66	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	15		3.0	12
Isopropyl alcohol	110	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3E

Lab Sample ID: 200-20955-19

Date Sampled: 02/12/2014 1640

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0637			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0637			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	7.5		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.96		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	0.27	J	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	6.5		0.086	0.69
Carbon tetrachloride	0.43		0.13	0.25
2,2,4-Trimethylpentane	0.44	J	0.13	0.93
Benzene	1.1		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	0.36	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	3.3		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.39	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.36	J	0.056	0.87
m,p-Xylene	0.79	J	0.10	2.2
Xylene, o-	0.21	J	0.069	0.87
Xylene (total)	0.99		0.15	0.87
Styrene	0.13	J	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-3E

Lab Sample ID: 200-20955-19

Date Sampled: 02/12/2014 1640

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_024.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0637			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0637			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	3.8		0.44	1.1
4-Isopropyltoluene	1.4		0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-4

Lab Sample ID: 200-20955-21

Date Sampled: 02/12/2014 1730

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0728			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0728			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.49	J	0.030	0.50
Freon 22	14		0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	1.1		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.23		0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.44		0.030	0.20
Freon 113	0.052	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	4.5	J	1.3	5.0
Isopropyl alcohol	160	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	1.8		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.60		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	19		0.025	0.20
Carbon tetrachloride	0.066		0.021	0.040
2,2,4-Trimethylpentane	0.11	J	0.027	0.20
Benzene	0.29		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.13	J	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.097	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	0.59	J	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.71		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.20	U	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-4

Lab Sample ID: 200-20955-21

Date Sampled: 02/12/2014 1730

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0728			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0728			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.097	J	0.0081	0.20
Ethylbenzene	0.13	J	0.013	0.20
m,p-Xylene	0.15	J	0.023	0.50
Xylene, o-	0.056	J	0.016	0.20
Xylene (total)	0.21		0.034	0.20
Styrene	0.47		0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.052	J	0.018	0.20
1,3,5-Trimethylbenzene	0.031	J	0.012	0.20
2-Chlorotoluene	0.054	J	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.053	J	0.014	0.20
sec-Butylbenzene	0.11	J	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.4	J	0.15	2.5
Freon 22	49		0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	2.5		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.51		0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	2.5		0.17	1.1
Freon 113	0.40	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	11	J	3.0	12
Isopropyl alcohol	400	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-4

Lab Sample ID: 200-20955-21

Date Sampled: 02/12/2014 1730

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0728			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0728			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	6.3		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.71		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.8		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	67		0.086	0.69
Carbon tetrachloride	0.42		0.13	0.25
2,2,4-Trimethylpentane	0.53	J	0.13	0.93
Benzene	0.93		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.53	J	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	0.40	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	2.1	J	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	2.7		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.45	J	0.037	0.92
Ethylbenzene	0.55	J	0.056	0.87
m,p-Xylene	0.65	J	0.10	2.2
Xylene, o-	0.24	J	0.069	0.87
Xylene (total)	0.89		0.15	0.87
Styrene	2.0		0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.26	J	0.088	0.98
1,3,5-Trimethylbenzene	0.15	J	0.059	0.98
2-Chlorotoluene	0.28	J	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.26	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-4

Lab Sample ID: 200-20955-21

Date Sampled: 02/12/2014 1730

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68420	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6171_025.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/18/2014 0728			Final Weight/Volume:	200 mL
Prep Date:	02/18/2014 0728			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	0.62	J	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5A

Lab Sample ID: 200-20955-23

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68870	Instrument ID:	CHC.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6343_15.D
Dilution:	38.3			Initial Weight/Volume:	20 mL
Analysis Date:	02/26/2014 2337			Final Weight/Volume:	200 mL
Prep Date:	02/26/2014 2337			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	19	U	1.1	19
Freon 22	8.1	J	1.8	19
Freon-114	7.7	U	1.3	7.7
Chloromethane	19	U	5.2	19
n-Butane	19	U	11	19
Vinyl chloride	1.5	U	1.5	1.5
1,3-Butadiene	7.7	U	1.6	7.7
Bromomethane	7.7	U	1.1	7.7
Chloroethane	19	U	1.1	19
Vinyl bromide	7.7	U	1.1	7.7
Freon 11	7.7	U	1.1	7.7
Freon 113	7.7	U	0.69	7.7
1,1-Dichloroethene	7.7	U	0.92	7.7
Acetone	190	U	48	190
Isopropyl alcohol	710		8.2	190
Carbon disulfide	19	U	2.5	19
Allyl chloride	19	U	1.3	19
Methylene Chloride	470		4.8	19
tert-Butyl alcohol	190	U	13	190
Methyl tert-butyl ether	7.7	U	0.84	7.7
trans-1,2-Dichloroethene	7.7	U	1.1	7.7
Hexane	7.7	U	1.3	7.7
1,1-Dichloroethane	7.7	U	1.5	7.7
Methyl Ethyl Ketone	19	U	9.3	19
cis-1,2-Dichloroethene	7.7	U	1.5	7.7
1,2-Dichloroethene, Total	7.7	U	2.5	7.7
Chloroform	7.7	U	0.96	7.7
Tetrahydrofuran	6.4	J	1.8	190
1,1,1-Trichloroethane	7.7	U	0.80	7.7
Cyclohexane	7.7	U	0.96	7.7
Carbon tetrachloride	1.5	U	0.80	1.5
2,2,4-Trimethylpentane	7.7	U	1.0	7.7
Benzene	7.7	U	0.73	7.7
1,2-Dichloroethane	7.7	U	0.65	7.7
Heptane	7.7	U	1.8	7.7
Trichloroethene	1.5	U	0.92	1.5
Methyl methacrylate	19	U	1.1	19
1,2-Dichloropropane	7.7	U	1.2	7.7
1,4-Dioxane	190	U	7.7	190
Bromodichloromethane	7.7	U	0.65	7.7
cis-1,3-Dichloropropene	7.7	U	1.1	7.7
methyl isobutyl ketone	19	U	1.0	19
Toluene	1.9	J	0.65	7.7
trans-1,3-Dichloropropene	7.7	U	0.84	7.7
1,1,2-Trichloroethane	7.7	U	0.65	7.7
Tetrachloroethene	7.7	U	0.61	7.7

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5A

Lab Sample ID: 200-20955-23

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68870	Instrument ID:	CHC.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6343_15.D
Dilution:	38.3			Initial Weight/Volume:	20 mL
Analysis Date:	02/26/2014 2337			Final Weight/Volume:	200 mL
Prep Date:	02/26/2014 2337			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	19	U	7.7	19
Dibromochloromethane	7.7	U	0.77	7.7
1,2-Dibromoethane	7.7	U	0.77	7.7
Chlorobenzene	7.7	U	0.31	7.7
Ethylbenzene	7.7	U	0.50	7.7
m,p-Xylene	19	U	0.88	19
Xylene, o-	7.7	U	0.61	7.7
Xylene (total)	7.7	U	1.3	7.7
Styrene	7.7	U	0.69	7.7
Bromoform	7.7	U	0.38	7.7
1,1,2,2-Tetrachloroethane	7.7	U	0.61	7.7
n-Propylbenzene	7.7	U	3.1	7.7
4-Ethyltoluene	7.7	U	0.69	7.7
1,3,5-Trimethylbenzene	7.7	U	0.46	7.7
2-Chlorotoluene	7.7	U	0.50	7.7
tert-Butylbenzene	7.7	U	0.65	7.7
1,2,4-Trimethylbenzene	7.7	U	0.54	7.7
sec-Butylbenzene	7.7	U	3.1	7.7
4-Isopropyltoluene	7.7	U	3.1	7.7
1,3-Dichlorobenzene	7.7	U	0.54	7.7
1,4-Dichlorobenzene	7.7	U	0.54	7.7
Benzyl chloride	7.7	U	3.1	7.7
n-Butylbenzene	7.7	U	3.1	7.7
1,2-Dichlorobenzene	7.7	U	0.54	7.7
1,2,4-Trichlorobenzene	1.1	J * B	1.0	19
Hexachloro-1,3-butadiene	7.7	U	0.84	7.7
Naphthalene	19	U * ^	7.7	19

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	95	U	5.7	95
Freon 22	29	J	6.5	68
Freon-114	54	U	9.4	54
Chloromethane	40	U	11	40
n-Butane	46	U	26	46
Vinyl chloride	3.9	U	3.7	3.9
1,3-Butadiene	17	U	3.6	17
Bromomethane	30	U	4.2	30
Chloroethane	51	U	3.0	51
Vinyl bromide	34	U	5.0	34
Freon 11	43	U	6.5	43
Freon 113	59	U	5.3	59
1,1-Dichloroethene	30	U	3.6	30
Acetone	450	U	110	450
Isopropyl alcohol	1700		20	470
Carbon disulfide	60	U	7.9	60
Allyl chloride	60	U	4.1	60

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5A

Lab Sample ID: 200-20955-23

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68870	Instrument ID:	CHC.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6343_15.D
Dilution:	38.3			Initial Weight/Volume:	20 mL
Analysis Date:	02/26/2014 2337			Final Weight/Volume:	200 mL
Prep Date:	02/26/2014 2337			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1600		17	67
tert-Butyl alcohol	580	U	38	580
Methyl tert-butyl ether	28	U	3.0	28
trans-1,2-Dichloroethene	30	U	4.4	30
Hexane	27	U	4.6	27
1,1-Dichloroethane	31	U	5.9	31
Methyl Ethyl Ketone	56	U	27	56
cis-1,2-Dichloroethene	30	U	5.8	30
1,2-Dichloroethene, Total	30	U	9.7	30
Chloroform	37	U	4.7	37
Tetrahydrofuran	19	J	5.2	560
1,1,1-Trichloroethane	42	U	4.4	42
Cyclohexane	26	U	3.3	26
Carbon tetrachloride	9.6	U	5.1	9.6
2,2,4-Trimethylpentane	36	U	4.8	36
Benzene	24	U	2.3	24
1,2-Dichloroethane	31	U	2.6	31
Heptane	31	U	7.2	31
Trichloroethene	8.2	U	4.9	8.2
Methyl methacrylate	78	U	4.7	78
1,2-Dichloropropane	35	U	5.7	35
1,4-Dioxane	690	U	28	690
Bromodichloromethane	51	U	4.4	51
cis-1,3-Dichloropropene	35	U	4.9	35
methyl isobutyl ketone	78	U	4.2	78
Toluene	7.1	J	2.5	29
trans-1,3-Dichloropropene	35	U	3.8	35
1,1,2-Trichloroethane	42	U	3.6	42
Tetrachloroethene	52	U	4.2	52
Methyl Butyl Ketone (2-Hexanone)	78	U	31	78
Dibromochloromethane	65	U	6.5	65
1,2-Dibromoethane	59	U	5.9	59
Chlorobenzene	35	U	1.4	35
Ethylbenzene	33	U	2.2	33
m,p-Xylene	83	U	3.8	83
Xylene, o-	33	U	2.7	33
Xylene (total)	33	U	5.7	33
Styrene	33	U	2.9	33
Bromoform	79	U	4.0	79
1,1,2,2-Tetrachloroethane	53	U	4.2	53
n-Propylbenzene	38	U	15	38
4-Ethyltoluene	38	U	3.4	38
1,3,5-Trimethylbenzene	38	U	2.3	38
2-Chlorotoluene	40	U	2.6	40
tert-Butylbenzene	42	U	3.6	42
1,2,4-Trimethylbenzene	38	U	2.6	38

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-5A

Lab Sample ID: 200-20955-23

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68870	Instrument ID:	CHC.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6343_15.D
Dilution:	38.3			Initial Weight/Volume:	20 mL
Analysis Date:	02/26/2014 2337			Final Weight/Volume:	200 mL
Prep Date:	02/26/2014 2337			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	42	U	17	42
4-Isopropyltoluene	42	U	17	42
1,3-Dichlorobenzene	46	U	3.2	46
1,4-Dichlorobenzene	46	U	3.2	46
Benzyl chloride	40	U	16	40
n-Butylbenzene	42	U	17	42
1,2-Dichlorobenzene	46	U	3.2	46
1,2,4-Trichlorobenzene	8.3	J * B	7.7	140
Hexachloro-1,3-butadiene	82	U	9.0	82
Naphthalene	100	U * ^	40	100

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7A

Lab Sample ID: 200-20955-26

Date Sampled: 02/12/2014 1815

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_025.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 0737			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0737			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	5.0	U	0.30	5.0
Freon 22	5.0	U	0.48	5.0
Freon-114	2.0	U	0.35	2.0
Chloromethane	5.0	U	1.4	5.0
n-Butane	5.0	U	2.8	5.0
Vinyl chloride	0.40	U	0.38	0.40
1,3-Butadiene	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.28	2.0
Chloroethane	5.0	U	0.30	5.0
Vinyl bromide	2.0	U	0.30	2.0
Freon 11	2.0	U	0.30	2.0
Freon 113	2.0	U	0.18	2.0
1,1-Dichloroethene	2.0	U	0.24	2.0
Acetone	50	U	13	50
Isopropyl alcohol	230		2.2	50
Carbon disulfide	5.0	U	0.66	5.0
Allyl chloride	5.0	U	0.34	5.0
Methylene Chloride	190		1.3	5.0
tert-Butyl alcohol	50	U	3.3	50
Methyl tert-butyl ether	2.0	U	0.22	2.0
trans-1,2-Dichloroethene	2.0	U	0.29	2.0
Hexane	2.0	U	0.34	2.0
1,1-Dichloroethane	2.0	U	0.38	2.0
Methyl Ethyl Ketone	5.0	U	2.4	5.0
cis-1,2-Dichloroethene	2.0	U	0.38	2.0
1,2-Dichloroethene, Total	2.0	U	0.64	2.0
Chloroform	2.0	U	0.25	2.0
Tetrahydrofuran	11	J	0.46	50
1,1,1-Trichloroethane	2.0	U	0.21	2.0
Cyclohexane	1.6	J	0.25	2.0
Carbon tetrachloride	0.40	U	0.21	0.40
2,2,4-Trimethylpentane	2.0	U	0.27	2.0
Benzene	2.0	U	0.19	2.0
1,2-Dichloroethane	2.0	U	0.17	2.0
Heptane	2.0	U	0.46	2.0
Trichloroethene	0.40	U	0.24	0.40
Methyl methacrylate	5.0	U	0.30	5.0
1,2-Dichloropropane	2.0	U	0.32	2.0
1,4-Dioxane	50	U	2.0	50
Bromodichloromethane	2.0	U	0.17	2.0
cis-1,3-Dichloropropene	2.0	U	0.28	2.0
methyl isobutyl ketone	5.0	U	0.27	5.0
Toluene	2.0	U	0.17	2.0
trans-1,3-Dichloropropene	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.17	2.0
Tetrachloroethene	2.0	U	0.16	2.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7A

Lab Sample ID: 200-20955-26

Date Sampled: 02/12/2014 1815

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_025.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 0737			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0737			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	5.0	U	2.0	5.0
Dibromochloromethane	2.0	U	0.20	2.0
1,2-Dibromoethane	2.0	U	0.20	2.0
Chlorobenzene	2.0	U	0.081	2.0
Ethylbenzene	2.0	U	0.13	2.0
m,p-Xylene	5.0	U	0.23	5.0
Xylene, o-	2.0	U	0.16	2.0
Xylene (total)	2.0	U	0.34	2.0
Styrene	2.0	U	0.18	2.0
Bromoform	2.0	U	0.10	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.16	2.0
n-Propylbenzene	2.0	U	0.80	2.0
4-Ethyltoluene	2.0	U	0.18	2.0
1,3,5-Trimethylbenzene	2.0	U	0.12	2.0
2-Chlorotoluene	2.0	U	0.13	2.0
tert-Butylbenzene	2.0	U	0.17	2.0
1,2,4-Trimethylbenzene	2.0	U	0.14	2.0
sec-Butylbenzene	2.0	U	0.80	2.0
4-Isopropyltoluene	2.0	U	0.80	2.0
1,3-Dichlorobenzene	2.0	U	0.14	2.0
1,4-Dichlorobenzene	2.0	U	0.14	2.0
Benzyl chloride	2.0	U	0.80	2.0
n-Butylbenzene	2.0	U	0.80	2.0
1,2-Dichlorobenzene	2.0	U	0.14	2.0
1,2,4-Trichlorobenzene	5.0	U	0.27	5.0
Hexachloro-1,3-butadiene	2.0	U	0.22	2.0
Naphthalene	5.0	U	2.0	5.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	25	U	1.5	25
Freon 22	18	U	1.7	18
Freon-114	14	U	2.4	14
Chloromethane	10	U	2.8	10
n-Butane	12	U	6.7	12
Vinyl chloride	1.0	U	0.97	1.0
1,3-Butadiene	4.4	U	0.93	4.4
Bromomethane	7.8	U	1.1	7.8
Chloroethane	13	U	0.79	13
Vinyl bromide	8.7	U	1.3	8.7
Freon 11	11	U	1.7	11
Freon 113	15	U	1.4	15
1,1-Dichloroethene	7.9	U	0.95	7.9
Acetone	120	U	30	120
Isopropyl alcohol	560	U	5.3	120
Carbon disulfide	16	U	2.1	16
Allyl chloride	16	U	1.1	16

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7A

Lab Sample ID: 200-20955-26

Date Sampled: 02/12/2014 1815

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_025.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 0737			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0737			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	640		4.3	17
tert-Butyl alcohol	150	U	9.9	150
Methyl tert-butyl ether	7.2	U	0.79	7.2
trans-1,2-Dichloroethene	7.9	U	1.1	7.9
Hexane	7.0	U	1.2	7.0
1,1-Dichloroethane	8.1	U	1.5	8.1
Methyl Ethyl Ketone	15	U	7.1	15
cis-1,2-Dichloroethene	7.9	U	1.5	7.9
1,2-Dichloroethene, Total	7.9	U	2.5	7.9
Chloroform	9.8	U	1.2	9.8
Tetrahydrofuran	33	J	1.4	150
1,1,1-Trichloroethane	11	U	1.1	11
Cyclohexane	5.5	J	0.86	6.9
Carbon tetrachloride	2.5	U	1.3	2.5
2,2,4-Trimethylpentane	9.3	U	1.3	9.3
Benzene	6.4	U	0.61	6.4
1,2-Dichloroethane	8.1	U	0.69	8.1
Heptane	8.2	U	1.9	8.2
Trichloroethene	2.1	U	1.3	2.1
Methyl methacrylate	20	U	1.2	20
1,2-Dichloropropane	9.2	U	1.5	9.2
1,4-Dioxane	180	U	7.2	180
Bromodichloromethane	13	U	1.1	13
cis-1,3-Dichloropropene	9.1	U	1.3	9.1
methyl isobutyl ketone	20	U	1.1	20
Toluene	7.5	U	0.64	7.5
trans-1,3-Dichloropropene	9.1	U	1.0	9.1
1,1,2-Trichloroethane	11	U	0.93	11
Tetrachloroethene	14	U	1.1	14
Methyl Butyl Ketone (2-Hexanone)	20	U	8.2	20
Dibromochloromethane	17	U	1.7	17
1,2-Dibromoethane	15	U	1.5	15
Chlorobenzene	9.2	U	0.37	9.2
Ethylbenzene	8.7	U	0.56	8.7
m,p-Xylene	22	U	1.0	22
Xylene, o-	8.7	U	0.69	8.7
Xylene (total)	8.7	U	1.5	8.7
Styrene	8.5	U	0.77	8.5
Bromoform	21	U	1.0	21
1,1,2,2-Tetrachloroethane	14	U	1.1	14
n-Propylbenzene	9.8	U	3.9	9.8
4-Ethyltoluene	9.8	U	0.88	9.8
1,3,5-Trimethylbenzene	9.8	U	0.59	9.8
2-Chlorotoluene	10	U	0.67	10
tert-Butylbenzene	11	U	0.93	11
1,2,4-Trimethylbenzene	9.8	U	0.69	9.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7A

Lab Sample ID: 200-20955-26

Date Sampled: 02/12/2014 1815

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_025.d
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 0737			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0737			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	11	U	4.4	11
4-Isopropyltoluene	11	U	4.4	11
1,3-Dichlorobenzene	12	U	0.84	12
1,4-Dichlorobenzene	12	U	0.84	12
Benzyl chloride	10	U	4.1	10
n-Butylbenzene	11	U	4.4	11
1,2-Dichlorobenzene	12	U	0.84	12
1,2,4-Trichlorobenzene	37	U	2.0	37
Hexachloro-1,3-butadiene	21	U	2.3	21
Naphthalene	26	U	10	26

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7

Lab Sample ID: 200-20955-27

Date Sampled: 02/12/2014 1907

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68811	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6318_010.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 2057			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 2057			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	5.0	U	0.30	5.0
Freon 22	1.7	J	0.48	5.0
Freon-114	2.0	U	0.35	2.0
Chloromethane	5.0	U	1.4	5.0
n-Butane	5.0	U	2.8	5.0
Vinyl chloride	0.40	U	0.38	0.40
1,3-Butadiene	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.28	2.0
Chloroethane	5.0	U	0.30	5.0
Vinyl bromide	2.0	U	0.30	2.0
Freon 11	2.0	U	0.30	2.0
Freon 113	2.0	U	0.18	2.0
1,1-Dichloroethene	2.0	U	0.24	2.0
Acetone	50	U	13	50
Isopropyl alcohol	130		2.2	50
Carbon disulfide	5.0	U	0.66	5.0
Allyl chloride	5.0	U	0.34	5.0
Methylene Chloride	100		1.3	5.0
tert-Butyl alcohol	50	U	3.3	50
Methyl tert-butyl ether	2.0	U	0.22	2.0
trans-1,2-Dichloroethene	2.0	U	0.29	2.0
Hexane	2.0	U	0.34	2.0
1,1-Dichloroethane	2.0	U	0.38	2.0
Methyl Ethyl Ketone	5.0	U	2.4	5.0
cis-1,2-Dichloroethene	2.0	U	0.38	2.0
1,2-Dichloroethene, Total	2.0	U	0.64	2.0
Chloroform	2.0	U	0.25	2.0
Tetrahydrofuran	1.6	J	0.46	50
1,1,1-Trichloroethane	2.0	U	0.21	2.0
Cyclohexane	0.54	J	0.25	2.0
Carbon tetrachloride	0.40	U	0.21	0.40
2,2,4-Trimethylpentane	2.0	U	0.27	2.0
Benzene	2.0	U	0.19	2.0
1,2-Dichloroethane	2.0	U	0.17	2.0
Heptane	2.0	U	0.46	2.0
Trichloroethene	0.40	U	0.24	0.40
Methyl methacrylate	5.0	U	0.30	5.0
1,2-Dichloropropane	2.0	U	0.32	2.0
1,4-Dioxane	50	U	2.0	50
Bromodichloromethane	2.0	U	0.17	2.0
cis-1,3-Dichloropropene	2.0	U	0.28	2.0
methyl isobutyl ketone	5.0	U	0.27	5.0
Toluene	0.54	J	0.17	2.0
trans-1,3-Dichloropropene	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.17	2.0
Tetrachloroethene	2.0	U	0.16	2.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7

Lab Sample ID: 200-20955-27

Date Sampled: 02/12/2014 1907

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68811	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6318_010.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 2057			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 2057			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	5.0	U	2.0	5.0
Dibromochloromethane	2.0	U	0.20	2.0
1,2-Dibromoethane	2.0	U	0.20	2.0
Chlorobenzene	2.0	U	0.081	2.0
Ethylbenzene	2.0	U	0.13	2.0
m,p-Xylene	5.0	U	0.23	5.0
Xylene, o-	2.0	U	0.16	2.0
Xylene (total)	2.0	U	0.34	2.0
Styrene	2.0	U	0.18	2.0
Bromoform	2.0	U	0.10	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.16	2.0
n-Propylbenzene	2.0	U	0.80	2.0
4-Ethyltoluene	2.0	U	0.18	2.0
1,3,5-Trimethylbenzene	2.0	U	0.12	2.0
2-Chlorotoluene	2.0	U	0.13	2.0
tert-Butylbenzene	2.0	U	0.17	2.0
1,2,4-Trimethylbenzene	2.0	U	0.14	2.0
sec-Butylbenzene	2.0	U	0.80	2.0
4-Isopropyltoluene	2.0	U	0.80	2.0
1,3-Dichlorobenzene	2.0	U	0.14	2.0
1,4-Dichlorobenzene	2.0	U	0.14	2.0
Benzyl chloride	2.0	U	0.80	2.0
n-Butylbenzene	2.0	U	0.80	2.0
1,2-Dichlorobenzene	2.0	U	0.14	2.0
1,2,4-Trichlorobenzene	5.0	U	0.27	5.0
Hexachloro-1,3-butadiene	2.0	U *	0.22	2.0
Naphthalene	5.0	U	2.0	5.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	25	U	1.5	25
Freon 22	6.0	J	1.7	18
Freon-114	14	U	2.4	14
Chloromethane	10	U	2.8	10
n-Butane	12	U	6.7	12
Vinyl chloride	1.0	U	0.97	1.0
1,3-Butadiene	4.4	U	0.93	4.4
Bromomethane	7.8	U	1.1	7.8
Chloroethane	13	U	0.79	13
Vinyl bromide	8.7	U	1.3	8.7
Freon 11	11	U	1.7	11
Freon 113	15	U	1.4	15
1,1-Dichloroethene	7.9	U	0.95	7.9
Acetone	120	U	30	120
Isopropyl alcohol	320		5.3	120
Carbon disulfide	16	U	2.1	16
Allyl chloride	16	U	1.1	16

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7

Lab Sample ID: 200-20955-27

Date Sampled: 02/12/2014 1907

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68811	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6318_010.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 2057			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 2057			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	360		4.3	17
tert-Butyl alcohol	150	U	9.9	150
Methyl tert-butyl ether	7.2	U	0.79	7.2
trans-1,2-Dichloroethene	7.9	U	1.1	7.9
Hexane	7.0	U	1.2	7.0
1,1-Dichloroethane	8.1	U	1.5	8.1
Methyl Ethyl Ketone	15	U	7.1	15
cis-1,2-Dichloroethene	7.9	U	1.5	7.9
1,2-Dichloroethene, Total	7.9	U	2.5	7.9
Chloroform	9.8	U	1.2	9.8
Tetrahydrofuran	4.7	J	1.4	150
1,1,1-Trichloroethane	11	U	1.1	11
Cyclohexane	1.9	J	0.86	6.9
Carbon tetrachloride	2.5	U	1.3	2.5
2,2,4-Trimethylpentane	9.3	U	1.3	9.3
Benzene	6.4	U	0.61	6.4
1,2-Dichloroethane	8.1	U	0.69	8.1
Heptane	8.2	U	1.9	8.2
Trichloroethene	2.1	U	1.3	2.1
Methyl methacrylate	20	U	1.2	20
1,2-Dichloropropane	9.2	U	1.5	9.2
1,4-Dioxane	180	U	7.2	180
Bromodichloromethane	13	U	1.1	13
cis-1,3-Dichloropropene	9.1	U	1.3	9.1
methyl isobutyl ketone	20	U	1.1	20
Toluene	2.0	J	0.64	7.5
trans-1,3-Dichloropropene	9.1	U	1.0	9.1
1,1,2-Trichloroethane	11	U	0.93	11
Tetrachloroethene	14	U	1.1	14
Methyl Butyl Ketone (2-Hexanone)	20	U	8.2	20
Dibromochloromethane	17	U	1.7	17
1,2-Dibromoethane	15	U	1.5	15
Chlorobenzene	9.2	U	0.37	9.2
Ethylbenzene	8.7	U	0.56	8.7
m,p-Xylene	22	U	1.0	22
Xylene, o-	8.7	U	0.69	8.7
Xylene (total)	8.7	U	1.5	8.7
Styrene	8.5	U	0.77	8.5
Bromoform	21	U	1.0	21
1,1,2,2-Tetrachloroethane	14	U	1.1	14
n-Propylbenzene	9.8	U	3.9	9.8
4-Ethyltoluene	9.8	U	0.88	9.8
1,3,5-Trimethylbenzene	9.8	U	0.59	9.8
2-Chlorotoluene	10	U	0.67	10
tert-Butylbenzene	11	U	0.93	11
1,2,4-Trimethylbenzene	9.8	U	0.69	9.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-7

Lab Sample ID: 200-20955-27

Date Sampled: 02/12/2014 1907

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68811	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6318_010.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/25/2014 2057			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 2057			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	11	U	4.4	11
4-Isopropyltoluene	11	U	4.4	11
1,3-Dichlorobenzene	12	U	0.84	12
1,4-Dichlorobenzene	12	U	0.84	12
Benzyl chloride	10	U	4.1	10
n-Butylbenzene	11	U	4.4	11
1,2-Dichlorobenzene	12	U	0.84	12
1,2,4-Trichlorobenzene	37	U	2.0	37
Hexachloro-1,3-butadiene	21	U*	2.3	21
Naphthalene	26	U	10	26

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-8D

Lab Sample ID: 200-20955-29

Date Sampled: 02/12/2014 1634

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1731			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1731			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.47	J	0.030	0.50
Freon 22	0.24	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.53		0.14	0.50
n-Butane	7.2		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.13	J	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.22		0.030	0.20
Freon 113	0.064	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	8.5		1.3	5.0
Isopropyl alcohol	8.9		0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.38	J	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.16	J	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	1.8		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.042		0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.31		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.29	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	2.1		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.20	U	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-8D

Lab Sample ID: 200-20955-29

Date Sampled: 02/12/2014 1634

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1731			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1731			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.054	J	0.013	0.20
m,p-Xylene	0.15	J	0.023	0.50
Xylene, o-	0.055	J	0.016	0.20
Xylene (total)	0.21		0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.091	J	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.3	J	0.15	2.5
Freon 22	0.84	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.1		0.28	1.0
n-Butane	17		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.30	J	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.2		0.17	1.1
Freon 113	0.49	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	20		3.0	12
Isopropyl alcohol	22		0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-8D

Lab Sample ID: 200-20955-29

Date Sampled: 02/12/2014 1634

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1731			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1731			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1.3	J	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.58	J	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	5.3		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.26		0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	1.0		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	1.2	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	8.0		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.24	J	0.056	0.87
m,p-Xylene	0.64	J	0.10	2.2
Xylene, o-	0.24	J	0.069	0.87
Xylene (total)	0.89		0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-VMP-8D

Lab Sample ID: 200-20955-29

Date Sampled: 02/12/2014 1634

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1731			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1731			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	0.50	J	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-DUP-021214

Lab Sample ID: 200-20955-31

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_009.d
Dilution:	1.0			Initial Weight/Volume:	354 mL
Analysis Date:	02/24/2014 1825			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1825			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.59		0.030	0.50
Freon 22	0.37	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.61		0.14	0.50
n-Butane	1.2		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.27		0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.67		0.030	0.20
Freon 113	0.090	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	4.0	J	1.3	5.0
Isopropyl alcohol	93	E	0.22	5.0
Carbon disulfide	0.24	J	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	1.7		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.33		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.61		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	19		0.025	0.20
Carbon tetrachloride	0.083		0.021	0.040
2,2,4-Trimethylpentane	0.17	J	0.027	0.20
Benzene	0.37		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.23		0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.84		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.035	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-DUP-021214

Lab Sample ID: 200-20955-31

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_009.d
Dilution:	1.0			Initial Weight/Volume:	354 mL
Analysis Date:	02/24/2014 1825			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1825			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.091	J	0.0081	0.20
Ethylbenzene	0.13	J	0.013	0.20
m,p-Xylene	0.19	J	0.023	0.50
Xylene, o-	0.069	J	0.016	0.20
Xylene (total)	0.26		0.034	0.20
Styrene	0.26		0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.028	J	0.018	0.20
1,3,5-Trimethylbenzene	0.024	J	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.062	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.9		0.15	2.5
Freon 22	1.3	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.3		0.28	1.0
n-Butane	2.8		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.60		0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	3.8		0.17	1.1
Freon 113	0.69	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	9.5	J	3.0	12
Isopropyl alcohol	230	E	0.53	12
Carbon disulfide	0.74	J	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-DUP-021214

Lab Sample ID: 200-20955-31

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_009.d
Dilution:	1.0			Initial Weight/Volume:	354 mL
Analysis Date:	02/24/2014 1825			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1825			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	6.0		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	1.2		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.8		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	64		0.086	0.69
Carbon tetrachloride	0.52		0.13	0.25
2,2,4-Trimethylpentane	0.79	J	0.13	0.93
Benzene	1.2		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.93		0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	3.2		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.24	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.42	J	0.037	0.92
Ethylbenzene	0.57	J	0.056	0.87
m,p-Xylene	0.82	J	0.10	2.2
Xylene, o-	0.30	J	0.069	0.87
Xylene (total)	1.1		0.15	0.87
Styrene	1.1		0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.14	J	0.088	0.98
1,3,5-Trimethylbenzene	0.12	J	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.30	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: IA-DUP-021214

Lab Sample ID: 200-20955-31

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_009.d
Dilution:	1.0			Initial Weight/Volume:	354 mL
Analysis Date:	02/24/2014 1825			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1825			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: **AMB-021314**

Lab Sample ID: 200-20969-2

Date Sampled: 02/13/2014 2000

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/25/2014 0413			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0413			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.50		0.030	0.50
Freon 22	0.30	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.54		0.14	0.50
n-Butane	2.2		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.22		0.030	0.20
Freon 113	0.077	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	4.0	J	1.3	5.0
Isopropyl alcohol	2.3	J	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.52		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.087	J	0.025	0.20
Carbon tetrachloride	0.074		0.021	0.040
2,2,4-Trimethylpentane	0.15	J	0.027	0.20
Benzene	0.43		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.33		0.046	0.20
Trichloroethene	0.16		0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.51		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.20	U	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: AMB-021314

Lab Sample ID: 200-20969-2

Date Sampled: 02/13/2014 2000

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/25/2014 0413			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0413			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.077	J	0.013	0.20
m,p-Xylene	0.22	J	0.023	0.50
Xylene, o-	0.071	J	0.016	0.20
Xylene (total)	0.29		0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.022	J	0.018	0.20
1,3,5-Trimethylbenzene	0.020	J	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.051	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.5		0.15	2.5
Freon 22	1.1	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.1		0.28	1.0
n-Butane	5.1		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.2		0.17	1.1
Freon 113	0.59	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	9.6	J	3.0	12
Isopropyl alcohol	5.8	J	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: **AMB-021314**

Lab Sample ID: 200-20969-2

Date Sampled: 02/13/2014 2000

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/25/2014 0413			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0413			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	1.8		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.30	J	0.086	0.69
Carbon tetrachloride	0.47		0.13	0.25
2,2,4-Trimethylpentane	0.72	J	0.13	0.93
Benzene	1.4		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	1.4		0.19	0.82
Trichloroethene	0.84		0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	1.9		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.33	J	0.056	0.87
m,p-Xylene	0.96	J	0.10	2.2
Xylene, o-	0.31	J	0.069	0.87
Xylene (total)	1.3		0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.11	J	0.088	0.98
1,3,5-Trimethylbenzene	0.097	J	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.25	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Client Sample ID: AMB-021314

Lab Sample ID: 200-20969-2

Date Sampled: 02/13/2014 2000

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_021.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/25/2014 0413			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0413			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68420

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68420/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/17/2014 1241
 Prep Date: 02/17/2014 1241
 Leach Date: N/A

Analysis Batch: 200-68420
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6171_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68420

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68420/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/17/2014 1241
 Prep Date: 02/17/2014 1241
 Leach Date: N/A

Analysis Batch: 200-68420
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6171_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68420

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68420/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/17/2014 1241
 Prep Date: 02/17/2014 1241
 Leach Date: N/A

Analysis Batch: 200-68420
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHW.i
 Lab File ID: 6171_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68420

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68420/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/17/2014 1241
 Prep Date: 02/17/2014 1241
 Leach Date: N/A

Analysis Batch: 200-68420
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHW.i
 Lab File ID: 6171_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68420

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68420/3	Analysis Batch: 200-68420	Instrument ID: CHW.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6171_003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/17/2014 1132	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/17/2014 1132		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	9.74	97	70 - 130	
Freon 22	10.0	9.58	96	70 - 130	
Freon-114	10.0	10.1	101	70 - 130	
Chloromethane	10.0	9.00	90	70 - 130	
n-Butane	10.0	9.76	98	70 - 130	
Vinyl chloride	10.0	8.69	87	70 - 130	
1,3-Butadiene	10.0	9.52	95	70 - 130	
Bromomethane	10.0	8.79	88	70 - 130	
Chloroethane	10.0	8.93	89	70 - 130	
Vinyl bromide	10.0	9.54	95	70 - 130	
Freon 11	10.0	9.62	96	70 - 130	
Freon 113	10.0	9.14	91	70 - 130	
1,1-Dichloroethene	10.0	9.57	96	70 - 130	
Acetone	10.0	10.9	109	70 - 130	
Isopropyl alcohol	10.0	8.16	82	70 - 130	
Carbon disulfide	10.0	10.6	106	70 - 130	
Allyl chloride	10.0	10.3	103	70 - 130	
Methylene Chloride	10.0	9.61	96	70 - 130	
tert-Butyl alcohol	10.0	9.11	91	70 - 130	
Methyl tert-butyl ether	10.0	11.4	114	70 - 130	
trans-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
Hexane	10.0	11.5	115	70 - 130	
1,1-Dichloroethane	10.0	9.26	93	70 - 130	
Methyl Ethyl Ketone	10.0	9.57	96	70 - 130	
cis-1,2-Dichloroethene	10.0	9.94	99	70 - 130	
Chloroform	10.0	9.63	96	70 - 130	
Tetrahydrofuran	10.0	9.88	99	70 - 130	
1,1,1-Trichloroethane	10.0	9.90	99	70 - 130	
Cyclohexane	10.0	10.5	105	70 - 130	
Carbon tetrachloride	10.0	9.51	95	70 - 130	
2,2,4-Trimethylpentane	10.0	10.8	108	70 - 130	
Benzene	10.0	9.27	93	70 - 130	
1,2-Dichloroethane	10.0	10.1	101	70 - 130	
Heptane	10.0	11.0	110	70 - 130	
Trichloroethene	10.0	9.79	98	70 - 130	
Methyl methacrylate	10.0	10.2	102	70 - 130	
1,2-Dichloropropane	10.0	9.35	93	70 - 130	
1,4-Dioxane	10.0	7.65	77	70 - 130	
Bromodichloromethane	10.0	9.71	97	70 - 130	
cis-1,3-Dichloropropene	10.0	10.9	109	70 - 130	
methyl isobutyl ketone	10.0	10.2	102	70 - 130	
Toluene	10.0	9.79	98	70 - 130	
trans-1,3-Dichloropropene	10.0	10.7	107	70 - 130	
1,1,2-Trichloroethane	10.0	9.23	92	70 - 130	
Tetrachloroethene	10.0	9.48	95	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68420

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68420/3	Analysis Batch: 200-68420	Instrument ID: CHW.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6171_003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/17/2014 1132	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/17/2014 1132		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.57	96	70 - 130	
1,2-Dibromoethane	10.0	9.84	98	70 - 130	
Chlorobenzene	10.0	8.97	90	70 - 130	
Ethylbenzene	10.0	10.1	101	70 - 130	
m,p-Xylene	20.0	19.4	97	70 - 130	
Xylene, o-	10.0	10.4	104	70 - 130	
Styrene	10.0	10.5	105	70 - 130	
Bromoform	10.0	9.71	97	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.98	90	70 - 130	
n-Propylbenzene	10.0	10.3	104	70 - 130	
4-Ethyltoluene	10.0	10.0	100	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.84	98	70 - 130	
2-Chlorotoluene	10.0	9.59	96	70 - 130	
tert-Butylbenzene	10.0	9.92	99	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130	
sec-Butylbenzene	10.0	9.90	99	70 - 130	
4-Isopropyltoluene	10.0	10.2	102	70 - 130	
1,3-Dichlorobenzene	10.0	9.30	93	70 - 130	
1,4-Dichlorobenzene	10.0	9.74	97	70 - 130	
Benzyl chloride	10.0	9.91	99	70 - 130	
n-Butylbenzene	10.0	9.67	97	70 - 130	
1,2-Dichlorobenzene	10.0	9.32	93	70 - 130	
1,2,4-Trichlorobenzene	10.0	7.75	78	70 - 130	
Hexachloro-1,3-butadiene	10.0	8.95	90	70 - 130	
Naphthalene	10.0	7.15	72	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68679/3	Analysis Batch: 200-68679	Instrument ID: CHG.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6267_003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/21/2014 1236	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/21/2014 1236		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	8.98	90	70 - 130	
Freon 22	10.0	8.83	88	70 - 130	
Freon-114	10.0	9.89	99	70 - 130	
Chloromethane	10.0	8.50	85	70 - 130	
n-Butane	10.0	8.85	89	70 - 130	
Vinyl chloride	10.0	8.30	83	70 - 130	
1,3-Butadiene	10.0	8.47	85	70 - 130	
Bromomethane	10.0	9.02	90	70 - 130	
Chloroethane	10.0	8.92	89	70 - 130	
Vinyl bromide	10.0	9.04	90	70 - 130	
Freon 11	10.0	8.79	88	70 - 130	
Freon 113	10.0	9.04	90	70 - 130	
1,1-Dichloroethene	10.0	8.79	88	70 - 130	
Acetone	10.0	11.2	112	70 - 130	
Isopropyl alcohol	10.0	7.72	77	70 - 130	
Carbon disulfide	10.0	10.2	102	70 - 130	
Allyl chloride	10.0	8.56	86	70 - 130	
Methylene Chloride	10.0	8.89	89	70 - 130	
tert-Butyl alcohol	10.0	8.24	82	70 - 130	
Methyl tert-butyl ether	10.0	9.10	91	70 - 130	
trans-1,2-Dichloroethene	10.0	9.62	96	70 - 130	
Hexane	10.0	9.59	96	70 - 130	
1,1-Dichloroethane	10.0	9.09	91	70 - 130	
Methyl Ethyl Ketone	10.0	8.96	90	70 - 130	
cis-1,2-Dichloroethene	10.0	8.92	89	70 - 130	
Chloroform	10.0	9.06	91	70 - 130	
Tetrahydrofuran	10.0	9.27	93	70 - 130	
1,1,1-Trichloroethane	10.0	9.11	91	70 - 130	
Cyclohexane	10.0	9.16	92	70 - 130	
Carbon tetrachloride	10.0	9.01	90	70 - 130	
2,2,4-Trimethylpentane	10.0	9.02	90	70 - 130	
Benzene	10.0	9.03	90	70 - 130	
1,2-Dichloroethane	10.0	9.05	90	70 - 130	
Heptane	10.0	8.72	87	70 - 130	
Trichloroethene	10.0	8.88	89	70 - 130	
Methyl methacrylate	10.0	9.86	99	70 - 130	
1,2-Dichloropropane	10.0	9.10	91	70 - 130	
1,4-Dioxane	10.0	8.27	83	70 - 130	
Bromodichloromethane	10.0	9.43	94	70 - 130	
cis-1,3-Dichloropropene	10.0	9.53	95	70 - 130	
methyl isobutyl ketone	10.0	9.16	92	70 - 130	
Toluene	10.0	9.06	91	70 - 130	
trans-1,3-Dichloropropene	10.0	9.56	96	70 - 130	
1,1,2-Trichloroethane	10.0	9.05	91	70 - 130	
Tetrachloroethene	10.0	8.97	90	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.24	92	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68679/3	Analysis Batch: 200-68679	Instrument ID: CHG.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6267_003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/21/2014 1236	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/21/2014 1236		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.38	94	70 - 130	
1,2-Dibromoethane	10.0	9.47	95	70 - 130	
Chlorobenzene	10.0	9.21	92	70 - 130	
Ethylbenzene	10.0	9.13	91	70 - 130	
m,p-Xylene	20.0	18.2	91	70 - 130	
Xylene, o-	10.0	8.98	90	70 - 130	
Styrene	10.0	9.67	97	70 - 130	
Bromoform	10.0	9.91	99	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.17	92	70 - 130	
n-Propylbenzene	10.0	9.19	92	70 - 130	
4-Ethyltoluene	10.0	9.45	94	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.06	91	70 - 130	
2-Chlorotoluene	10.0	9.02	90	70 - 130	
tert-Butylbenzene	10.0	8.91	89	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.21	92	70 - 130	
sec-Butylbenzene	10.0	9.09	91	70 - 130	
4-Isopropyltoluene	10.0	9.26	93	70 - 130	
1,3-Dichlorobenzene	10.0	9.97	100	70 - 130	
1,4-Dichlorobenzene	10.0	10.0	100	70 - 130	
Benzyl chloride	10.0	9.43	94	70 - 130	
n-Butylbenzene	10.0	9.42	94	70 - 130	
1,2-Dichlorobenzene	10.0	9.72	97	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.29	93	70 - 130	
Hexachloro-1,3-butadiene	10.0	12.1	121	70 - 130	
Naphthalene	10.0	8.79	88	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.0272	J	0.014	0.20
1,4-Dichlorobenzene	0.0353	J	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	0.163	J	0.084	1.2
1,4-Dichlorobenzene	0.212	J	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68730/3	Analysis Batch: 200-68730	Instrument ID: CHW.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6282_003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/24/2014 1229	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/24/2014 1229		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	8.87	89	70 - 130	
Freon 22	10.0	8.79	88	70 - 130	
Freon-114	10.0	9.45	95	70 - 130	
Chloromethane	10.0	8.46	85	70 - 130	
n-Butane	10.0	9.17	92	70 - 130	
Vinyl chloride	10.0	8.29	83	70 - 130	
1,3-Butadiene	10.0	8.98	90	70 - 130	
Bromomethane	10.0	8.31	83	70 - 130	
Chloroethane	10.0	8.51	85	70 - 130	
Vinyl bromide	10.0	9.15	92	70 - 130	
Freon 11	10.0	8.59	86	70 - 130	
Freon 113	10.0	8.70	87	70 - 130	
1,1-Dichloroethene	10.0	9.34	93	70 - 130	
Acetone	10.0	9.94	99	70 - 130	
Isopropyl alcohol	10.0	8.46	85	70 - 130	
Carbon disulfide	10.0	10.3	103	70 - 130	
Allyl chloride	10.0	9.58	96	70 - 130	
Methylene Chloride	10.0	8.94	89	70 - 130	
tert-Butyl alcohol	10.0	8.99	90	70 - 130	
Methyl tert-butyl ether	10.0	10.6	106	70 - 130	
trans-1,2-Dichloroethene	10.0	9.87	99	70 - 130	
Hexane	10.0	11.1	111	70 - 130	
1,1-Dichloroethane	10.0	8.75	87	70 - 130	
Methyl Ethyl Ketone	10.0	9.47	95	70 - 130	
cis-1,2-Dichloroethene	10.0	9.53	95	70 - 130	
Chloroform	10.0	8.94	89	70 - 130	
Tetrahydrofuran	10.0	9.51	95	70 - 130	
1,1,1-Trichloroethane	10.0	8.99	90	70 - 130	
Cyclohexane	10.0	10.2	102	70 - 130	
Carbon tetrachloride	10.0	8.59	86	70 - 130	
2,2,4-Trimethylpentane	10.0	10.5	105	70 - 130	
Benzene	10.0	9.01	90	70 - 130	
1,2-Dichloroethane	10.0	9.08	91	70 - 130	
Heptane	10.0	10.5	105	70 - 130	
Trichloroethene	10.0	9.44	94	70 - 130	
Methyl methacrylate	10.0	9.95	100	70 - 130	
1,2-Dichloropropane	10.0	9.06	91	70 - 130	
1,4-Dioxane	10.0	8.81	88	70 - 130	
Bromodichloromethane	10.0	9.00	90	70 - 130	
cis-1,3-Dichloropropene	10.0	10.5	105	70 - 130	
methyl isobutyl ketone	10.0	9.70	97	70 - 130	
Toluene	10.0	9.69	97	70 - 130	
trans-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
1,1,2-Trichloroethane	10.0	9.17	92	70 - 130	
Tetrachloroethene	10.0	9.22	92	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.74	97	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68730/3	Analysis Batch: 200-68730	Instrument ID: CHW.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6282_003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/24/2014 1229	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/24/2014 1229		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.14	91	70 - 130	
1,2-Dibromoethane	10.0	9.57	96	70 - 130	
Chlorobenzene	10.0	8.91	89	70 - 130	
Ethylbenzene	10.0	9.74	97	70 - 130	
m,p-Xylene	20.0	19.0	95	70 - 130	
Xylene, o-	10.0	10.2	102	70 - 130	
Styrene	10.0	10.3	103	70 - 130	
Bromoform	10.0	9.24	92	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.76	88	70 - 130	
n-Propylbenzene	10.0	9.84	98	70 - 130	
4-Ethyltoluene	10.0	9.67	97	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.32	93	70 - 130	
2-Chlorotoluene	10.0	9.09	91	70 - 130	
tert-Butylbenzene	10.0	9.50	95	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.60	96	70 - 130	
sec-Butylbenzene	10.0	9.52	95	70 - 130	
4-Isopropyltoluene	10.0	9.81	98	70 - 130	
1,3-Dichlorobenzene	10.0	9.12	91	70 - 130	
1,4-Dichlorobenzene	10.0	9.63	96	70 - 130	
Benzyl chloride	10.0	9.76	98	70 - 130	
n-Butylbenzene	10.0	9.20	92	70 - 130	
1,2-Dichlorobenzene	10.0	9.05	91	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.37	84	70 - 130	
Hexachloro-1,3-butadiene	10.0	8.77	88	70 - 130	
Naphthalene	10.0	8.30	83	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68811

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68811/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/25/2014 1701
 Prep Date: 02/25/2014 1701
 Leach Date: N/A

Analysis Batch: 200-68811
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6318_005.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68811

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68811/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/25/2014 1701
 Prep Date: 02/25/2014 1701
 Leach Date: N/A

Analysis Batch: 200-68811
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6318_005.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68811

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68811/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/25/2014 1701
 Prep Date: 02/25/2014 1701
 Leach Date: N/A

Analysis Batch: 200-68811
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 6318_005.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68811

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68811/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/25/2014 1701
 Prep Date: 02/25/2014 1701
 Leach Date: N/A

Analysis Batch: 200-68811
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 6318_005.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68811

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68811/3	Analysis Batch: 200-68811	Instrument ID: CHG.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6318_003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/25/2014 1351	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/25/2014 1351		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	10.4	104	70 - 130	
Freon 22	10.0	10.7	107	70 - 130	
Freon-114	10.0	10.4	104	70 - 130	
Chloromethane	10.0	10.6	107	70 - 130	
n-Butane	10.0	10.6	106	70 - 130	
Vinyl chloride	10.0	10.1	101	70 - 130	
1,3-Butadiene	10.0	10.5	105	70 - 130	
Bromomethane	10.0	10.3	103	70 - 130	
Chloroethane	10.0	10.3	103	70 - 130	
Vinyl bromide	10.0	10.4	105	70 - 130	
Freon 11	10.0	10.1	101	70 - 130	
Freon 113	10.0	10.2	102	70 - 130	
1,1-Dichloroethene	10.0	10.2	102	70 - 130	
Acetone	10.0	10.0	100	70 - 130	
Isopropyl alcohol	10.0	10.7	107	70 - 130	
Carbon disulfide	10.0	10.4	104	70 - 130	
Allyl chloride	10.0	10.6	106	70 - 130	
Methylene Chloride	10.0	10.3	103	70 - 130	
tert-Butyl alcohol	10.0	10.4	104	70 - 130	
Methyl tert-butyl ether	10.0	10.5	105	70 - 130	
trans-1,2-Dichloroethene	10.0	10.5	105	70 - 130	
Hexane	10.0	10.3	104	70 - 130	
1,1-Dichloroethane	10.0	10.4	104	70 - 130	
Methyl Ethyl Ketone	10.0	9.83	98	70 - 130	
cis-1,2-Dichloroethene	10.0	10.4	104	70 - 130	
Chloroform	10.0	10.2	102	70 - 130	
Tetrahydrofuran	10.0	10.7	107	70 - 130	
1,1,1-Trichloroethane	10.0	10.1	101	70 - 130	
Cyclohexane	10.0	10.3	103	70 - 130	
Carbon tetrachloride	10.0	10.0	100	70 - 130	
2,2,4-Trimethylpentane	10.0	10.4	104	70 - 130	
Benzene	10.0	10.2	102	70 - 130	
1,2-Dichloroethane	10.0	10.2	102	70 - 130	
Heptane	10.0	9.98	100	70 - 130	
Trichloroethene	10.0	9.84	98	70 - 130	
Methyl methacrylate	10.0	10.7	107	70 - 130	
1,2-Dichloropropane	10.0	10.4	104	70 - 130	
1,4-Dioxane	10.0	10.8	108	70 - 130	
Bromodichloromethane	10.0	10.6	106	70 - 130	
cis-1,3-Dichloropropene	10.0	10.7	107	70 - 130	
methyl isobutyl ketone	10.0	10.6	106	70 - 130	
Toluene	10.0	10.2	102	70 - 130	
trans-1,3-Dichloropropene	10.0	10.7	107	70 - 130	
1,1,2-Trichloroethane	10.0	10.2	102	70 - 130	
Tetrachloroethene	10.0	10.0	100	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.0	110	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68811

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68811/3	Analysis Batch: 200-68811	Instrument ID: CHG.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6318_003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/25/2014 1351	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/25/2014 1351		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	10.9	109	70 - 130	
1,2-Dibromoethane	10.0	10.6	106	70 - 130	
Chlorobenzene	10.0	10.4	104	70 - 130	
Ethylbenzene	10.0	10.4	104	70 - 130	
m,p-Xylene	20.0	20.9	104	70 - 130	
Xylene, o-	10.0	10.5	105	70 - 130	
Styrene	10.0	11.2	112	70 - 130	
Bromoform	10.0	11.3	114	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.4	104	70 - 130	
n-Propylbenzene	10.0	10.6	106	70 - 130	
4-Ethyltoluene	10.0	10.7	107	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.5	105	70 - 130	
2-Chlorotoluene	10.0	10.3	103	70 - 130	
tert-Butylbenzene	10.0	10.3	103	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130	
sec-Butylbenzene	10.0	10.5	106	70 - 130	
4-Isopropyltoluene	10.0	10.7	107	70 - 130	
1,3-Dichlorobenzene	10.0	11.4	114	70 - 130	
1,4-Dichlorobenzene	10.0	11.6	116	70 - 130	
Benzyl chloride	10.0	11.9	119	70 - 130	
n-Butylbenzene	10.0	11.0	110	70 - 130	
1,2-Dichlorobenzene	10.0	11.1	111	70 - 130	
1,2,4-Trichlorobenzene	10.0	11.3	113	70 - 130	
Hexachloro-1,3-butadiene	10.0	14.5	145	70 - 130	*
Naphthalene	10.0	12.0	120	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68870

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68870/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/26/2014 1438
 Prep Date: 02/26/2014 1438
 Leach Date: N/A

Analysis Batch: 200-68870
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHC.i
 Lab File ID: 6343_05.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68870

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68870/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/26/2014 1438
 Prep Date: 02/26/2014 1438
 Leach Date: N/A

Analysis Batch: 200-68870
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHC.i
 Lab File ID: 6343_05.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.0162	J	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.0261	J	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.0179	J	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.0167	J	0.014	0.20
1,4-Dichlorobenzene	0.0214	J	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.0160	J	0.014	0.20
1,2,4-Trichlorobenzene	0.0298	J	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U ^	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68870

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68870/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/26/2014 1438
 Prep Date: 02/26/2014 1438
 Leach Date: N/A

Analysis Batch: 200-68870
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHC.i
 Lab File ID: 6343_05.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Method Blank - Batch: 200-68870

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68870/5
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/26/2014 1438
 Prep Date: 02/26/2014 1438
 Leach Date: N/A

Analysis Batch: 200-68870
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHC.i
 Lab File ID: 6343_05.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.0745	J	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	0.113	J	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	0.0925	J	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	0.100	J	0.084	1.2
1,4-Dichlorobenzene	0.129	J	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	0.0963	J	0.084	1.2
1,2,4-Trichlorobenzene	0.221	J	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U ^	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68870

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68870/4	Analysis Batch: 200-68870	Instrument ID: CHC.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6343_04.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/26/2014 1346	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/26/2014 1346		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	11.8	118	70 - 130	
Freon 22	10.0	12.5	125	70 - 130	
Freon-114	10.0	11.5	115	70 - 130	
Chloromethane	10.0	12.2	122	70 - 130	
n-Butane	10.0	12.5	125	70 - 130	
Vinyl chloride	10.0	12.1	121	70 - 130	
1,3-Butadiene	10.0	12.0	120	70 - 130	
Bromomethane	10.0	11.4	114	70 - 130	
Chloroethane	10.0	12.0	120	70 - 130	
Vinyl bromide	10.0	11.0	110	70 - 130	
Freon 11	10.0	11.3	113	70 - 130	
Freon 113	10.0	11.2	112	70 - 130	
1,1-Dichloroethene	10.0	11.1	111	70 - 130	
Acetone	10.0	12.2	122	70 - 130	
Isopropyl alcohol	10.0	12.1	121	70 - 130	
Carbon disulfide	10.0	11.0	110	70 - 130	
Allyl chloride	10.0	12.4	124	70 - 130	
Methylene Chloride	10.0	11.5	115	70 - 130	
tert-Butyl alcohol	10.0	11.2	112	70 - 130	
Methyl tert-butyl ether	10.0	11.2	112	70 - 130	
trans-1,2-Dichloroethene	10.0	11.5	115	70 - 130	
Hexane	10.0	11.1	111	70 - 130	
1,1-Dichloroethane	10.0	11.3	113	70 - 130	
Methyl Ethyl Ketone	10.0	10.1	101	70 - 130	
cis-1,2-Dichloroethene	10.0	10.7	107	70 - 130	
Chloroform	10.0	10.8	108	70 - 130	
Tetrahydrofuran	10.0	12.5	125	70 - 130	
1,1,1-Trichloroethane	10.0	11.2	112	70 - 130	
Cyclohexane	10.0	10.8	108	70 - 130	
Carbon tetrachloride	10.0	11.4	114	70 - 130	
2,2,4-Trimethylpentane	10.0	10.9	109	70 - 130	
Benzene	10.0	10.6	106	70 - 130	
1,2-Dichloroethane	10.0	11.4	114	70 - 130	
Heptane	10.0	11.1	111	70 - 130	
Trichloroethene	10.0	10.8	108	70 - 130	
Methyl methacrylate	10.0	10.8	108	70 - 130	
1,2-Dichloropropane	10.0	10.6	106	70 - 130	
1,4-Dioxane	10.0	10.4	104	70 - 130	
Bromodichloromethane	10.0	11.3	113	70 - 130	
cis-1,3-Dichloropropene	10.0	11.0	110	70 - 130	
methyl isobutyl ketone	10.0	11.5	116	70 - 130	
Toluene	10.0	10.7	107	70 - 130	
trans-1,3-Dichloropropene	10.0	10.9	109	70 - 130	
1,1,2-Trichloroethane	10.0	10.8	108	70 - 130	
Tetrachloroethene	10.0	11.4	114	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.6	116	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
Sdg Number: 200-20955-1

Lab Control Sample - Batch: 200-68870

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68870/4	Analysis Batch: 200-68870	Instrument ID: CHC.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6343_04.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/26/2014 1346	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/26/2014 1346		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	11.3	113	70 - 130	
1,2-Dibromoethane	10.0	11.0	110	70 - 130	
Chlorobenzene	10.0	10.8	108	70 - 130	
Ethylbenzene	10.0	10.9	109	70 - 130	
m,p-Xylene	20.0	22.1	110	70 - 130	
Xylene, o-	10.0	10.8	108	70 - 130	
Styrene	10.0	11.1	111	70 - 130	
Bromoform	10.0	11.5	115	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	11.0	110	70 - 130	
n-Propylbenzene	10.0	11.1	111	70 - 130	
4-Ethyltoluene	10.0	11.5	115	70 - 130	
1,3,5-Trimethylbenzene	10.0	11.1	111	70 - 130	
2-Chlorotoluene	10.0	11.4	114	70 - 130	
tert-Butylbenzene	10.0	11.0	110	70 - 130	
1,2,4-Trimethylbenzene	10.0	11.2	112	70 - 130	
sec-Butylbenzene	10.0	11.1	111	70 - 130	
4-Isopropyltoluene	10.0	11.2	112	70 - 130	
1,3-Dichlorobenzene	10.0	11.2	112	70 - 130	
1,4-Dichlorobenzene	10.0	11.2	112	70 - 130	
Benzyl chloride	10.0	11.1	111	70 - 130	
n-Butylbenzene	10.0	11.8	118	70 - 130	
1,2-Dichlorobenzene	10.0	11.0	111	70 - 130	
1,2,4-Trichlorobenzene	10.0	13.2	132	70 - 130	*
Hexachloro-1,3-butadiene	10.0	12.0	120	70 - 130	
Naphthalene	10.0	15.7	157	70 - 130	^ *

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

Lab Section	Qualifier	Description
Air - GC/MS VOA	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	^	Instrument related QC exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1

Sdg Number: 200-20955-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-68420					
LCS 200-68420/3	Lab Control Sample	T	Air	TO-15	
MB 200-68420/4	Method Blank	T	Air	TO-15	
200-20955-1	IA-VMP-1B	T	Air	TO-15	
200-20955-3	IA-VMP-2B	T	Air	TO-15	
200-20955-5	IA-VMP-2C	T	Air	TO-15	
200-20955-9	IA-VMP-3B	T	Air	TO-15	
200-20955-11	IA-VMP-3D	T	Air	TO-15	
200-20955-19	IA-VMP-3E	T	Air	TO-15	
200-20955-21	IA-VMP-4	T	Air	TO-15	
Analysis Batch:200-68679					
LCS 200-68679/3	Lab Control Sample	T	Air	TO-15	
MB 200-68679/4	Method Blank	T	Air	TO-15	
Analysis Batch:200-68730					
LCS 200-68730/3	Lab Control Sample	T	Air	TO-15	
MB 200-68730/4	Method Blank	T	Air	TO-15	
200-20955-26	IA-VMP-7A	T	Air	TO-15	
200-20955-29	IA-VMP-8D	T	Air	TO-15	
200-20955-31	IA-DUP-021214	T	Air	TO-15	
200-20969-2	AMB-021314	T	Air	TO-15	
Analysis Batch:200-68745					
200-20955-7	IA-VMP-3A	T	Air	TO-15	
200-20955-13	IA-VMP-5B	T	Air	TO-15	
200-20955-15	IA-VMP-6A	T	Air	TO-15	
200-20955-17	IA-VMP-6B	T	Air	TO-15	
Analysis Batch:200-68811					
LCS 200-68811/3	Lab Control Sample	T	Air	TO-15	
MB 200-68811/5	Method Blank	T	Air	TO-15	
200-20955-27	IA-VMP-7	T	Air	TO-15	
Analysis Batch:200-68870					
LCS 200-68870/4	Lab Control Sample	T	Air	TO-15	
MB 200-68870/5	Method Blank	T	Air	TO-15	
200-20955-23	IA-VMP-5A	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG: 200-20955-1

Laboratory Chronicle

Lab ID: 200-20955-1

Client ID: IA-VMP-1B

Sample Date/Time: 02/12/2014 19:05 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-1		200-68420		02/17/2014 23:03	1	TAL BUR	BPL
A:TO-15	200-20955-A-1		200-68420		02/17/2014 23:03	1	TAL BUR	BPL

Lab ID: 200-20955-3

Client ID: IA-VMP-2B

Sample Date/Time: 02/12/2014 17:24 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-3		200-68420		02/17/2014 23:52	1	TAL BUR	BPL
A:TO-15	200-20955-A-3		200-68420		02/17/2014 23:52	1	TAL BUR	BPL

Lab ID: 200-20955-5

Client ID: IA-VMP-2C

Sample Date/Time: 02/12/2014 17:27 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-5		200-68420		02/18/2014 00:44	1	TAL BUR	BPL
A:TO-15	200-20955-A-5		200-68420		02/18/2014 00:44	1	TAL BUR	BPL

Lab ID: 200-20955-7

Client ID: IA-VMP-3A

Sample Date/Time: 02/12/2014 17:02 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-7		200-68745		02/22/2014 01:30	12.9	TAL BUR	PAD
A:TO-15	200-20955-A-7		200-68745		02/22/2014 01:30	12.9	TAL BUR	PAD

Lab ID: 200-20955-9

Client ID: IA-VMP-3B

Sample Date/Time: 02/12/2014 17:22 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-9		200-68420		02/18/2014 02:23	1	TAL BUR	BPL
A:TO-15	200-20955-A-9		200-68420		02/18/2014 02:23	1	TAL BUR	BPL

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG: 200-20955-1

Laboratory Chronicle

Lab ID: 200-20955-11

Client ID: IA-VMP-3D

Sample Date/Time: 02/12/2014 16:32

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-11		200-68420		02/18/2014 03:13	1	TAL BUR	BPL
A:TO-15	200-20955-A-11		200-68420		02/18/2014 03:13	1	TAL BUR	BPL

Lab ID: 200-20955-13

Client ID: IA-VMP-5B

Sample Date/Time: 02/12/2014 17:14

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-13		200-68745		02/22/2014 04:38	13	TAL BUR	PAD
A:TO-15	200-20955-A-13		200-68745		02/22/2014 04:38	13	TAL BUR	PAD

Lab ID: 200-20955-15

Client ID: IA-VMP-6A

Sample Date/Time: 02/12/2014 16:52

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-15		200-68745		02/22/2014 06:11	14.8	TAL BUR	PAD
A:TO-15	200-20955-A-15		200-68745		02/22/2014 06:11	14.8	TAL BUR	PAD

Lab ID: 200-20955-17

Client ID: IA-VMP-6B

Sample Date/Time: 02/12/2014 17:08

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-17		200-68745		02/22/2014 07:45	10	TAL BUR	PAD
A:TO-15	200-20955-A-17		200-68745		02/22/2014 07:45	10	TAL BUR	PAD

Lab ID: 200-20955-19

Client ID: IA-VMP-3E

Sample Date/Time: 02/12/2014 16:40

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-19		200-68420		02/18/2014 06:37	1	TAL BUR	BPL
A:TO-15	200-20955-A-19		200-68420		02/18/2014 06:37	1	TAL BUR	BPL

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG: 200-20955-1

Laboratory Chronicle

Lab ID: 200-20955-21

Client ID: IA-VMP-4

Sample Date/Time: 02/12/2014 17:30

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-21		200-68420		02/18/2014 07:28	1	TAL BUR	BPL
A:TO-15	200-20955-A-21		200-68420		02/18/2014 07:28	1	TAL BUR	BPL

Lab ID: 200-20955-23

Client ID: IA-VMP-5A

Sample Date/Time: 02/12/2014 16:55

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-23		200-68870		02/26/2014 23:37	38.3	TAL BUR	WRD
A:TO-15	200-20955-A-23		200-68870		02/26/2014 23:37	38.3	TAL BUR	WRD

Lab ID: 200-20955-26

Client ID: IA-VMP-7A

Sample Date/Time: 02/12/2014 18:15

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-26		200-68730		02/25/2014 07:37	10	TAL BUR	BPL
A:TO-15	200-20955-A-26		200-68730		02/25/2014 07:37	10	TAL BUR	BPL

Lab ID: 200-20955-27

Client ID: IA-VMP-7

Sample Date/Time: 02/12/2014 19:07

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-27		200-68811		02/25/2014 20:57	10	TAL BUR	BPL
A:TO-15	200-20955-A-27		200-68811		02/25/2014 20:57	10	TAL BUR	BPL

Lab ID: 200-20955-29

Client ID: IA-VMP-8D

Sample Date/Time: 02/12/2014 16:34

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-29		200-68730		02/24/2014 17:31	1	TAL BUR	BPL
A:TO-15	200-20955-A-29		200-68730		02/24/2014 17:31	1	TAL BUR	BPL

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG: 200-20955-1

Laboratory Chronicle

Lab ID: 200-20955-31

Client ID: IA-DUP-021214

Sample Date/Time: 02/12/2014 00:00

Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-31		200-68730		02/24/2014 18:25	1	TAL BUR	BPL
A:TO-15	200-20955-A-31		200-68730		02/24/2014 18:25	1	TAL BUR	BPL

Lab ID: 200-20969-2

Client ID: AMB-021314

Sample Date/Time: 02/13/2014 20:00

Received Date/Time: 02/17/2014 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20969-A-2		200-68730		02/25/2014 04:13	1	TAL BUR	BPL
A:TO-15	200-20969-A-2		200-68730		02/25/2014 04:13	1	TAL BUR	BPL

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-68420/4		200-68420		02/17/2014 12:41	1	TAL BUR	BPL
A:TO-15	MB 200-68420/4		200-68420		02/17/2014 12:41	1	TAL BUR	BPL
P:Summa Canister	MB 200-68679/4		200-68679		02/21/2014 13:23	1	TAL BUR	BPL
A:TO-15	MB 200-68679/4		200-68679		02/21/2014 13:23	1	TAL BUR	BPL
P:Summa Canister	MB 200-68730/4		200-68730		02/24/2014 13:46	1	TAL BUR	BPL
A:TO-15	MB 200-68730/4		200-68730		02/24/2014 13:46	1	TAL BUR	BPL
P:Summa Canister	MB 200-68811/5		200-68811		02/25/2014 17:01	1	TAL BUR	BPL
A:TO-15	MB 200-68811/5		200-68811		02/25/2014 17:01	1	TAL BUR	BPL
P:Summa Canister	MB 200-68870/5		200-68870		02/26/2014 14:38	1	TAL BUR	WRD
A:TO-15	MB 200-68870/5		200-68870		02/26/2014 14:38	1	TAL BUR	WRD

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG: 200-20955-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-68420/3		200-68420		02/17/2014 11:32	1	TAL BUR	BPL
A:TO-15	LCS 200-68420/3		200-68420		02/17/2014 11:32	1	TAL BUR	BPL
P:Summa Canister	LCS 200-68679/3		200-68679		02/21/2014 12:36	1	TAL BUR	BPL
A:TO-15	LCS 200-68679/3		200-68679		02/21/2014 12:36	1	TAL BUR	BPL
P:Summa Canister	LCS 200-68730/3		200-68730		02/24/2014 12:29	1	TAL BUR	BPL
A:TO-15	LCS 200-68730/3		200-68730		02/24/2014 12:29	1	TAL BUR	BPL
P:Summa Canister	LCS 200-68811/3		200-68811		02/25/2014 13:51	1	TAL BUR	BPL
A:TO-15	LCS 200-68811/3		200-68811		02/25/2014 13:51	1	TAL BUR	BPL
P:Summa Canister	LCS 200-68870/4		200-68870		02/26/2014 13:46	1	TAL BUR	WRD
A:TO-15	LCS 200-68870/4		200-68870		02/26/2014 13:46	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: LMC Utica

TestAmerica Job ID: 200-20955-1
SDG: 200-20955-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	2006
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	US Fish & Wildlife	Federal		LE-058448-0
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method T015

Volatile Organic Compounds (GC/MS)
by Method T015

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6171_003.d
 Lab ID: LCS 200-68420/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	9.74	97	70-130	
Freon 22	10.0	9.58	96	70-130	
Freon-114	10.0	10.1	101	70-130	
Chloromethane	10.0	9.00	90	70-130	
n-Butane	10.0	9.76	98	70-130	
Vinyl chloride	10.0	8.69	87	70-130	
1,3-Butadiene	10.0	9.52	95	70-130	
Bromomethane	10.0	8.79	88	70-130	
Chloroethane	10.0	8.93	89	70-130	
Vinyl bromide	10.0	9.54	95	70-130	
Freon 11	10.0	9.62	96	70-130	
Freon 113	10.0	9.14	91	70-130	
1,1-Dichloroethene	10.0	9.57	96	70-130	
Acetone	10.0	10.9	109	70-130	
Isopropyl alcohol	10.0	8.16	82	70-130	
Carbon disulfide	10.0	10.6	106	70-130	
Allyl chloride	10.0	10.3	103	70-130	
Methylene Chloride	10.0	9.61	96	70-130	
tert-Butyl alcohol	10.0	9.11	91	70-130	
Methyl tert-butyl ether	10.0	11.4	114	70-130	
trans-1,2-Dichloroethene	10.0	10.5	105	70-130	
Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	9.26	93	70-130	
Methyl Ethyl Ketone	10.0	9.57	96	70-130	
cis-1,2-Dichloroethene	10.0	9.94	99	70-130	
Chloroform	10.0	9.63	96	70-130	
Tetrahydrofuran	10.0	9.88	99	70-130	
1,1,1-Trichloroethane	10.0	9.90	99	70-130	
Cyclohexane	10.0	10.5	105	70-130	
Carbon tetrachloride	10.0	9.51	95	70-130	
2,2,4-Trimethylpentane	10.0	10.8	108	70-130	
Benzene	10.0	9.27	93	70-130	
1,2-Dichloroethane	10.0	10.1	101	70-130	
Heptane	10.0	11.0	110	70-130	
Trichloroethene	10.0	9.79	98	70-130	
Methyl methacrylate	10.0	10.2	102	70-130	
1,2-Dichloropropane	10.0	9.35	93	70-130	
1,4-Dioxane	10.0	7.65	77	70-130	
Bromodichloromethane	10.0	9.71	97	70-130	
cis-1,3-Dichloropropene	10.0	10.9	109	70-130	
methyl isobutyl ketone	10.0	10.2	102	70-130	
Toluene	10.0	9.79	98	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6171_003.d
 Lab ID: LCS 200-68420/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.7	107	70-130	
1,1,2-Trichloroethane	10.0	9.23	92	70-130	
Tetrachloroethene	10.0	9.48	95	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	9.57	96	70-130	
1,2-Dibromoethane	10.0	9.84	98	70-130	
Chlorobenzene	10.0	8.97	90	70-130	
Ethylbenzene	10.0	10.1	101	70-130	
m,p-Xylene	20.0	19.4	97	70-130	
Xylene, o-	10.0	10.4	104	70-130	
Styrene	10.0	10.5	105	70-130	
Bromoform	10.0	9.71	97	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.98	90	70-130	
n-Propylbenzene	10.0	10.3	104	70-130	
4-Ethyltoluene	10.0	10.0	100	70-130	
1,3,5-Trimethylbenzene	10.0	9.84	98	70-130	
2-Chlorotoluene	10.0	9.59	96	70-130	
tert-Butylbenzene	10.0	9.92	99	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
sec-Butylbenzene	10.0	9.90	99	70-130	
4-Isopropyltoluene	10.0	10.2	102	70-130	
1,3-Dichlorobenzene	10.0	9.30	93	70-130	
1,4-Dichlorobenzene	10.0	9.74	97	70-130	
Benzyl chloride	10.0	9.91	99	70-130	
n-Butylbenzene	10.0	9.67	97	70-130	
1,2-Dichlorobenzene	10.0	9.32	93	70-130	
1,2,4-Trichlorobenzene	10.0	7.75	78	70-130	
Hexachloro-1,3-butadiene	10.0	8.95	90	70-130	
Naphthalene	10.0	7.15	72	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

SDG No.: 200-20955-1

Matrix: Air Level: Low

Lab File ID: 6267_003.D

Lab ID: LCS 200-68679/3

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	8.98	90	70-130	
Freon 22	10.0	8.83	88	70-130	
Freon-114	10.0	9.89	99	70-130	
Chloromethane	10.0	8.50	85	70-130	
n-Butane	10.0	8.85	89	70-130	
Vinyl chloride	10.0	8.30	83	70-130	
1,3-Butadiene	10.0	8.47	85	70-130	
Bromomethane	10.0	9.02	90	70-130	
Chloroethane	10.0	8.92	89	70-130	
Vinyl bromide	10.0	9.04	90	70-130	
Freon 11	10.0	8.79	88	70-130	
Freon 113	10.0	9.04	90	70-130	
1,1-Dichloroethene	10.0	8.79	88	70-130	
Acetone	10.0	11.2	112	70-130	
Isopropyl alcohol	10.0	7.72	77	70-130	
Carbon disulfide	10.0	10.2	102	70-130	
Allyl chloride	10.0	8.56	86	70-130	
Methylene Chloride	10.0	8.89	89	70-130	
tert-Butyl alcohol	10.0	8.24	82	70-130	
Methyl tert-butyl ether	10.0	9.10	91	70-130	
trans-1,2-Dichloroethene	10.0	9.62	96	70-130	
Hexane	10.0	9.59	96	70-130	
1,1-Dichloroethane	10.0	9.09	91	70-130	
Methyl Ethyl Ketone	10.0	8.96	90	70-130	
cis-1,2-Dichloroethene	10.0	8.92	89	70-130	
Chloroform	10.0	9.06	91	70-130	
Tetrahydrofuran	10.0	9.27	93	70-130	
1,1,1-Trichloroethane	10.0	9.11	91	70-130	
Cyclohexane	10.0	9.16	92	70-130	
Carbon tetrachloride	10.0	9.01	90	70-130	
2,2,4-Trimethylpentane	10.0	9.02	90	70-130	
Benzene	10.0	9.03	90	70-130	
1,2-Dichloroethane	10.0	9.05	90	70-130	
Heptane	10.0	8.72	87	70-130	
Trichloroethene	10.0	8.88	89	70-130	
Methyl methacrylate	10.0	9.86	99	70-130	
1,2-Dichloropropane	10.0	9.10	91	70-130	
1,4-Dioxane	10.0	8.27	83	70-130	
Bromodichloromethane	10.0	9.43	94	70-130	
cis-1,3-Dichloropropene	10.0	9.53	95	70-130	
methyl isobutyl ketone	10.0	9.16	92	70-130	
Toluene	10.0	9.06	91	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6267_003.D
 Lab ID: LCS 200-68679/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.56	96	70-130	
1,1,2-Trichloroethane	10.0	9.05	91	70-130	
Tetrachloroethene	10.0	8.97	90	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.24	92	70-130	
Dibromochloromethane	10.0	9.38	94	70-130	
1,2-Dibromoethane	10.0	9.47	95	70-130	
Chlorobenzene	10.0	9.21	92	70-130	
Ethylbenzene	10.0	9.13	91	70-130	
m,p-Xylene	20.0	18.2	91	70-130	
Xylene, o-	10.0	8.98	90	70-130	
Styrene	10.0	9.67	97	70-130	
Bromoform	10.0	9.91	99	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.17	92	70-130	
n-Propylbenzene	10.0	9.19	92	70-130	
4-Ethyltoluene	10.0	9.45	94	70-130	
1,3,5-Trimethylbenzene	10.0	9.06	91	70-130	
2-Chlorotoluene	10.0	9.02	90	70-130	
tert-Butylbenzene	10.0	8.91	89	70-130	
1,2,4-Trimethylbenzene	10.0	9.21	92	70-130	
sec-Butylbenzene	10.0	9.09	91	70-130	
4-Isopropyltoluene	10.0	9.26	93	70-130	
1,3-Dichlorobenzene	10.0	9.97	100	70-130	
1,4-Dichlorobenzene	10.0	10.0	100	70-130	
Benzyl chloride	10.0	9.43	94	70-130	
n-Butylbenzene	10.0	9.42	94	70-130	
1,2-Dichlorobenzene	10.0	9.72	97	70-130	
1,2,4-Trichlorobenzene	10.0	9.29	93	70-130	
Hexachloro-1,3-butadiene	10.0	12.1	121	70-130	
Naphthalene	10.0	8.79	88	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

SDG No.: 200-20955-1

Matrix: Air Level: Low

Lab File ID: 6282_003.d

Lab ID: LCS 200-68730/3

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	8.87	89	70-130	
Freon 22	10.0	8.79	88	70-130	
Freon-114	10.0	9.45	95	70-130	
Chloromethane	10.0	8.46	85	70-130	
n-Butane	10.0	9.17	92	70-130	
Vinyl chloride	10.0	8.29	83	70-130	
1,3-Butadiene	10.0	8.98	90	70-130	
Bromomethane	10.0	8.31	83	70-130	
Chloroethane	10.0	8.51	85	70-130	
Vinyl bromide	10.0	9.15	92	70-130	
Freon 11	10.0	8.59	86	70-130	
Freon 113	10.0	8.70	87	70-130	
1,1-Dichloroethene	10.0	9.34	93	70-130	
Acetone	10.0	9.94	99	70-130	
Isopropyl alcohol	10.0	8.46	85	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
Allyl chloride	10.0	9.58	96	70-130	
Methylene Chloride	10.0	8.94	89	70-130	
tert-Butyl alcohol	10.0	8.99	90	70-130	
Methyl tert-butyl ether	10.0	10.6	106	70-130	
trans-1,2-Dichloroethene	10.0	9.87	99	70-130	
Hexane	10.0	11.1	111	70-130	
1,1-Dichloroethane	10.0	8.75	87	70-130	
Methyl Ethyl Ketone	10.0	9.47	95	70-130	
cis-1,2-Dichloroethene	10.0	9.53	95	70-130	
Chloroform	10.0	8.94	89	70-130	
Tetrahydrofuran	10.0	9.51	95	70-130	
1,1,1-Trichloroethane	10.0	8.99	90	70-130	
Cyclohexane	10.0	10.2	102	70-130	
Carbon tetrachloride	10.0	8.59	86	70-130	
2,2,4-Trimethylpentane	10.0	10.5	105	70-130	
Benzene	10.0	9.01	90	70-130	
1,2-Dichloroethane	10.0	9.08	91	70-130	
Heptane	10.0	10.5	105	70-130	
Trichloroethene	10.0	9.44	94	70-130	
Methyl methacrylate	10.0	9.95	100	70-130	
1,2-Dichloropropane	10.0	9.06	91	70-130	
1,4-Dioxane	10.0	8.81	88	70-130	
Bromodichloromethane	10.0	9.00	90	70-130	
cis-1,3-Dichloropropene	10.0	10.5	105	70-130	
methyl isobutyl ketone	10.0	9.70	97	70-130	
Toluene	10.0	9.69	97	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6282_003.d
 Lab ID: LCS 200-68730/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.1	101	70-130	
1,1,2-Trichloroethane	10.0	9.17	92	70-130	
Tetrachloroethene	10.0	9.22	92	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.74	97	70-130	
Dibromochloromethane	10.0	9.14	91	70-130	
1,2-Dibromoethane	10.0	9.57	96	70-130	
Chlorobenzene	10.0	8.91	89	70-130	
Ethylbenzene	10.0	9.74	97	70-130	
m,p-Xylene	20.0	19.0	95	70-130	
Xylene, o-	10.0	10.2	102	70-130	
Styrene	10.0	10.3	103	70-130	
Bromoform	10.0	9.24	92	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.76	88	70-130	
n-Propylbenzene	10.0	9.84	98	70-130	
4-Ethyltoluene	10.0	9.67	97	70-130	
1,3,5-Trimethylbenzene	10.0	9.32	93	70-130	
2-Chlorotoluene	10.0	9.09	91	70-130	
tert-Butylbenzene	10.0	9.50	95	70-130	
1,2,4-Trimethylbenzene	10.0	9.60	96	70-130	
sec-Butylbenzene	10.0	9.52	95	70-130	
4-Isopropyltoluene	10.0	9.81	98	70-130	
1,3-Dichlorobenzene	10.0	9.12	91	70-130	
1,4-Dichlorobenzene	10.0	9.63	96	70-130	
Benzyl chloride	10.0	9.76	98	70-130	
n-Butylbenzene	10.0	9.20	92	70-130	
1,2-Dichlorobenzene	10.0	9.05	91	70-130	
1,2,4-Trichlorobenzene	10.0	8.37	84	70-130	
Hexachloro-1,3-butadiene	10.0	8.77	88	70-130	
Naphthalene	10.0	8.30	83	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6318_003.D
 Lab ID: LCS 200-68811/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	10.4	104	70-130	
Freon 22	10.0	10.7	107	70-130	
Freon-114	10.0	10.4	104	70-130	
Chloromethane	10.0	10.6	107	70-130	
n-Butane	10.0	10.6	106	70-130	
Vinyl chloride	10.0	10.1	101	70-130	
1,3-Butadiene	10.0	10.5	105	70-130	
Bromomethane	10.0	10.3	103	70-130	
Chloroethane	10.0	10.3	103	70-130	
Vinyl bromide	10.0	10.4	105	70-130	
Freon 11	10.0	10.1	101	70-130	
Freon 113	10.0	10.2	102	70-130	
1,1-Dichloroethene	10.0	10.2	102	70-130	
Acetone	10.0	10.0	100	70-130	
Isopropyl alcohol	10.0	10.7	107	70-130	
Carbon disulfide	10.0	10.4	104	70-130	
Allyl chloride	10.0	10.6	106	70-130	
Methylene Chloride	10.0	10.3	103	70-130	
tert-Butyl alcohol	10.0	10.4	104	70-130	
Methyl tert-butyl ether	10.0	10.5	105	70-130	
trans-1,2-Dichloroethene	10.0	10.5	105	70-130	
Hexane	10.0	10.3	104	70-130	
1,1-Dichloroethane	10.0	10.4	104	70-130	
Methyl Ethyl Ketone	10.0	9.83	98	70-130	
cis-1,2-Dichloroethene	10.0	10.4	104	70-130	
Chloroform	10.0	10.2	102	70-130	
Tetrahydrofuran	10.0	10.7	107	70-130	
1,1,1-Trichloroethane	10.0	10.1	101	70-130	
Cyclohexane	10.0	10.3	103	70-130	
Carbon tetrachloride	10.0	10.0	100	70-130	
2,2,4-Trimethylpentane	10.0	10.4	104	70-130	
Benzene	10.0	10.2	102	70-130	
1,2-Dichloroethane	10.0	10.2	102	70-130	
Heptane	10.0	9.98	100	70-130	
Trichloroethene	10.0	9.84	98	70-130	
Methyl methacrylate	10.0	10.7	107	70-130	
1,2-Dichloropropane	10.0	10.4	104	70-130	
1,4-Dioxane	10.0	10.8	108	70-130	
Bromodichloromethane	10.0	10.6	106	70-130	
cis-1,3-Dichloropropene	10.0	10.7	107	70-130	
methyl isobutyl ketone	10.0	10.6	106	70-130	
Toluene	10.0	10.2	102	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6318_003.D
 Lab ID: LCS 200-68811/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.7	107	70-130	
1,1,2-Trichloroethane	10.0	10.2	102	70-130	
Tetrachloroethene	10.0	10.0	100	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.0	110	70-130	
Dibromochloromethane	10.0	10.9	109	70-130	
1,2-Dibromoethane	10.0	10.6	106	70-130	
Chlorobenzene	10.0	10.4	104	70-130	
Ethylbenzene	10.0	10.4	104	70-130	
m,p-Xylene	20.0	20.9	104	70-130	
Xylene, o-	10.0	10.5	105	70-130	
Styrene	10.0	11.2	112	70-130	
Bromoform	10.0	11.3	114	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.4	104	70-130	
n-Propylbenzene	10.0	10.6	106	70-130	
4-Ethyltoluene	10.0	10.7	107	70-130	
1,3,5-Trimethylbenzene	10.0	10.5	105	70-130	
2-Chlorotoluene	10.0	10.3	103	70-130	
tert-Butylbenzene	10.0	10.3	103	70-130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70-130	
sec-Butylbenzene	10.0	10.5	106	70-130	
4-Isopropyltoluene	10.0	10.7	107	70-130	
1,3-Dichlorobenzene	10.0	11.4	114	70-130	
1,4-Dichlorobenzene	10.0	11.6	116	70-130	
Benzyl chloride	10.0	11.9	119	70-130	
n-Butylbenzene	10.0	11.0	110	70-130	
1,2-Dichlorobenzene	10.0	11.1	111	70-130	
1,2,4-Trichlorobenzene	10.0	11.3	113	70-130	
Hexachloro-1,3-butadiene	10.0	14.5	145	70-130	*
Naphthalene	10.0	12.0	120	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6343_04.D
 Lab ID: LCS 200-68870/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	11.8	118	70-130	
Freon 22	10.0	12.5	125	70-130	
Freon-114	10.0	11.5	115	70-130	
Chloromethane	10.0	12.2	122	70-130	
n-Butane	10.0	12.5	125	70-130	
Vinyl chloride	10.0	12.1	121	70-130	
1,3-Butadiene	10.0	12.0	120	70-130	
Bromomethane	10.0	11.4	114	70-130	
Chloroethane	10.0	12.0	120	70-130	
Vinyl bromide	10.0	11.0	110	70-130	
Freon 11	10.0	11.3	113	70-130	
Freon 113	10.0	11.2	112	70-130	
1,1-Dichloroethene	10.0	11.1	111	70-130	
Acetone	10.0	12.2	122	70-130	
Isopropyl alcohol	10.0	12.1	121	70-130	
Carbon disulfide	10.0	11.0	110	70-130	
Allyl chloride	10.0	12.4	124	70-130	
Methylene Chloride	10.0	11.5	115	70-130	
tert-Butyl alcohol	10.0	11.2	112	70-130	
Methyl tert-butyl ether	10.0	11.2	112	70-130	
trans-1,2-Dichloroethene	10.0	11.5	115	70-130	
Hexane	10.0	11.1	111	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Methyl Ethyl Ketone	10.0	10.1	101	70-130	
cis-1,2-Dichloroethene	10.0	10.7	107	70-130	
Chloroform	10.0	10.8	108	70-130	
Tetrahydrofuran	10.0	12.5	125	70-130	
1,1,1-Trichloroethane	10.0	11.2	112	70-130	
Cyclohexane	10.0	10.8	108	70-130	
Carbon tetrachloride	10.0	11.4	114	70-130	
2,2,4-Trimethylpentane	10.0	10.9	109	70-130	
Benzene	10.0	10.6	106	70-130	
1,2-Dichloroethane	10.0	11.4	114	70-130	
Heptane	10.0	11.1	111	70-130	
Trichloroethene	10.0	10.8	108	70-130	
Methyl methacrylate	10.0	10.8	108	70-130	
1,2-Dichloropropane	10.0	10.6	106	70-130	
1,4-Dioxane	10.0	10.4	104	70-130	
Bromodichloromethane	10.0	11.3	113	70-130	
cis-1,3-Dichloropropene	10.0	11.0	110	70-130	
methyl isobutyl ketone	10.0	11.5	116	70-130	
Toluene	10.0	10.7	107	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Matrix: Air Level: Low Lab File ID: 6343_04.D
 Lab ID: LCS 200-68870/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.9	109	70-130	
1,1,2-Trichloroethane	10.0	10.8	108	70-130	
Tetrachloroethene	10.0	11.4	114	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.6	116	70-130	
Dibromochloromethane	10.0	11.3	113	70-130	
1,2-Dibromoethane	10.0	11.0	110	70-130	
Chlorobenzene	10.0	10.8	108	70-130	
Ethylbenzene	10.0	10.9	109	70-130	
m,p-Xylene	20.0	22.1	110	70-130	
Xylene, o-	10.0	10.8	108	70-130	
Styrene	10.0	11.1	111	70-130	
Bromoform	10.0	11.5	115	70-130	
1,1,2,2-Tetrachloroethane	10.0	11.0	110	70-130	
n-Propylbenzene	10.0	11.1	111	70-130	
4-Ethyltoluene	10.0	11.5	115	70-130	
1,3,5-Trimethylbenzene	10.0	11.1	111	70-130	
2-Chlorotoluene	10.0	11.4	114	70-130	
tert-Butylbenzene	10.0	11.0	110	70-130	
1,2,4-Trimethylbenzene	10.0	11.2	112	70-130	
sec-Butylbenzene	10.0	11.1	111	70-130	
4-Isopropyltoluene	10.0	11.2	112	70-130	
1,3-Dichlorobenzene	10.0	11.2	112	70-130	
1,4-Dichlorobenzene	10.0	11.2	112	70-130	
Benzyl chloride	10.0	11.1	111	70-130	
n-Butylbenzene	10.0	11.8	118	70-130	
1,2-Dichlorobenzene	10.0	11.0	111	70-130	
1,2,4-Trichlorobenzene	10.0	13.2	132	70-130	*
Hexachloro-1,3-butadiene	10.0	12.0	120	70-130	
Naphthalene	10.0	15.7	157	70-130	^ *

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6171_004.d Lab Sample ID: MB 200-68420/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/17/2014 12:41
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68420/3	6171_003.d	02/17/2014 11:32
IA-VMP-1B	200-20955-1	6171_015.d	02/17/2014 23:03
IA-VMP-2B	200-20955-3	6171_016.d	02/17/2014 23:52
IA-VMP-2C	200-20955-5	6171_017.d	02/18/2014 00:44
IA-VMP-3B	200-20955-9	6171_019.d	02/18/2014 02:23
IA-VMP-3D	200-20955-11	6171_020.d	02/18/2014 03:13
IA-VMP-3E	200-20955-19	6171_024.d	02/18/2014 06:37
IA-VMP-4	200-20955-21	6171_025.d	02/18/2014 07:28

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6267_004.D Lab Sample ID: MB 200-68679/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHG.i Date Analyzed: 02/21/2014 13:23
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68679/3	6267_003.D	02/21/2014 12:36
IA-VMP-3A	200-20955-7	6267_019.D	02/22/2014 01:30
IA-VMP-5B	200-20955-13	6267_023.D	02/22/2014 04:38
IA-VMP-6A	200-20955-15	6267_025.D	02/22/2014 06:11
IA-VMP-6B	200-20955-17	6267_027.D	02/22/2014 07:45

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6282_004.d Lab Sample ID: MB 200-68730/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/24/2014 13:46
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68730/3	6282_003.d	02/24/2014 12:29
IA-VMP-8D	200-20955-29	6282_008.d	02/24/2014 17:31
IA-DUP-021214	200-20955-31	6282_009.d	02/24/2014 18:25
AMB-021314	200-20969-2	6282_021.d	02/25/2014 04:13
IA-VMP-7A	200-20955-26	6282_025.d	02/25/2014 07:37

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
SDG No.: 200-20955-1
Lab File ID: 6318_005.D Lab Sample ID: MB 200-68811/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHG.i Date Analyzed: 02/25/2014 17:01
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68811/3	6318_003.D	02/25/2014 13:51
IA-VMP-7	200-20955-27	6318_010.D	02/25/2014 20:57

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
SDG No.: 200-20955-1
Lab File ID: 6343_05.D Lab Sample ID: MB 200-68870/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHC.i Date Analyzed: 02/26/2014 14:38
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68870/4	6343_04.D	02/26/2014 13:46
IA-VMP-5A	200-20955-23	6343_15.D	02/26/2014 23:37

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: cma001.D BFB Injection Date: 01/03/2014
 Instrument ID: CHC.i BFB Injection Time: 07:37
 Analysis Batch No.: 66774

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.4	
75	30.0 - 66.0% of mass 95	49.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	67.2	
175	4.0 - 9.0 % of mass 174	4.6	(6.8)1
176	93.0 - 101.0% of mass 174	64.6	(96.1)1
177	5.0 - 9.0% of mass 176	4.2	(6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-66774/3	cma003.D	01/03/2014	09:43
	IC 200-66774/4	cma004.D	01/03/2014	10:35
	IC 200-66774/5	cma005.D	01/03/2014	11:28
	IC 200-66774/6	cma006.D	01/03/2014	12:20
	ICIS 200-66774/7	cma007.D	01/03/2014	13:12
	IC 200-66774/8	cma008.D	01/03/2014	14:04
	IC 200-66774/9	cma009.D	01/03/2014	14:56
	IC 200-66774/10	cma010.D	01/03/2014	15:48
	ICV 200-66774/13	cma013.D	01/03/2014	17:25

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6343_01.D BFB Injection Date: 02/26/2014
 Instrument ID: CHC.i BFB Injection Time: 11:15
 Analysis Batch No.: 68870

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.3	
75	30.0 - 66.0% of mass 95	44.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.1	(0.2)1
174	50.0 - 120.0% of mass 95	70.0	
175	4.0 - 9.0 % of mass 174	4.8	(6.9)1
176	93.0 - 101.0% of mass 174	67.0	(95.7)1
177	5.0 - 9.0% of mass 176	4.3	(6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68870/3	6343_03.D	02/26/2014	12:54
	LCS 200-68870/4	6343_04.D	02/26/2014	13:46
	MB 200-68870/5	6343_05.D	02/26/2014	14:38
IA-VMP-5A	200-20955-23	6343_15.D	02/26/2014	23:37

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6246_001.D BFB Injection Date: 02/20/2014
 Instrument ID: CHG.i BFB Injection Time: 12:20
 Analysis Batch No.: 68619

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.5	
75	30.0 - 66.0% of mass 95	40.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	93.6	
175	4.0 - 9.0 % of mass 174	6.7	(7.2)1
176	93.0 - 101.0% of mass 174	90.8	(97.1)1
177	5.0 - 9.0% of mass 176	5.8	(6.4)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-68619/6	6246_006.D	02/20/2014	16:25
	IC 200-68619/7	6246_007.D	02/20/2014	17:12
	IC 200-68619/8	6246_008.D	02/20/2014	17:59
	IC 200-68619/9	6246_009.D	02/20/2014	18:46
	ICIS 200-68619/10	6246_010.D	02/20/2014	19:33
	IC 200-68619/11	6246_011.D	02/20/2014	20:20
	IC 200-68619/12	6246_012.D	02/20/2014	21:07
	IC 200-68619/13	6246_013.D	02/20/2014	21:54
	ICV 200-68619/16	6246_016.D	02/21/2014	00:15

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6267_001.D BFB Injection Date: 02/21/2014
 Instrument ID: CHG.i BFB Injection Time: 11:00
 Analysis Batch No.: 68679

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	12.2
75	30.0 - 66.0% of mass 95	39.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 120.0% of mass 95	99.3
175	4.0 - 9.0 % of mass 174	6.9 (7.0)1
176	93.0 - 101.0% of mass 174	97.3 (98.0)1
177	5.0 - 9.0% of mass 176	6.2 (6.4)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68679/2	6267_002.D	02/21/2014	11:48
	LCS 200-68679/3	6267_003.D	02/21/2014	12:36
	MB 200-68679/4	6267_004.D	02/21/2014	13:23
IA-VMP-3A	200-20955-7	6267_019.D	02/22/2014	01:30
IA-VMP-5B	200-20955-13	6267_023.D	02/22/2014	04:38
IA-VMP-6A	200-20955-15	6267_025.D	02/22/2014	06:11
IA-VMP-6B	200-20955-17	6267_027.D	02/22/2014	07:45

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6318_001.D BFB Injection Date: 02/25/2014
 Instrument ID: CHG.i BFB Injection Time: 11:56
 Analysis Batch No.: 68811

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	12.0
75	30.0 - 66.0% of mass 95	39.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	96.1
175	4.0 - 9.0 % of mass 174	6.9 (7.2)1
176	93.0 - 101.0% of mass 174	94.4 (98.2)1
177	5.0 - 9.0% of mass 176	6.2 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68811/2	6318_002.D	02/25/2014	12:49
	LCS 200-68811/3	6318_003.D	02/25/2014	13:51
	MB 200-68811/5	6318_005.D	02/25/2014	17:01
IA-VMP-7	200-20955-27	6318_010.D	02/25/2014	20:57

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6099_001.d BFB Injection Date: 02/11/2014
 Instrument ID: CHW.i BFB Injection Time: 16:00
 Analysis Batch No.: 68234

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.8	
75	30.0 - 66.0% of mass 95	46.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.6	(0.6)1
174	50.0 - 120.0% of mass 95	104.2	
175	4.0 - 9.0 % of mass 174	7.5	(7.2)1
176	93.0 - 101.0% of mass 174	101.9	(97.8)1
177	5.0 - 9.0% of mass 176	6.6	(6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-68234/4	6101_004.d	02/11/2014	19:12
	IC 200-68234/5	6101_005.d	02/11/2014	20:02
	IC 200-68234/6	6101_006.d	02/11/2014	20:50
	IC 200-68234/7	6101_007.d	02/11/2014	21:39
	ICIS 200-68234/8	6101_008.d	02/11/2014	22:30
	IC 200-68234/9	6101_009.d	02/11/2014	23:18
	IC 200-68234/10	6101_010.d	02/12/2014	00:07
	IC 200-68234/11	6101_011.d	02/12/2014	00:55
	ICV 200-68234/14	6101_014.d	02/12/2014	03:20

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6171_001.d BFB Injection Date: 02/17/2014
 Instrument ID: CHW.i BFB Injection Time: 09:39
 Analysis Batch No.: 68420

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.3	
75	30.0 - 66.0% of mass 95	47.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.6	(0.6)1
174	50.0 - 120.0% of mass 95	97.8	
175	4.0 - 9.0 % of mass 174	6.9	(7.0)1
176	93.0 - 101.0% of mass 174	94.8	(96.9)1
177	5.0 - 9.0% of mass 176	6.4	(6.7)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68420/2	6171_002.d	02/17/2014	10:36
	LCS 200-68420/3	6171_003.d	02/17/2014	11:32
	MB 200-68420/4	6171_004.d	02/17/2014	12:41
IA-VMP-1B	200-20955-1	6171_015.d	02/17/2014	23:03
IA-VMP-2B	200-20955-3	6171_016.d	02/17/2014	23:52
IA-VMP-2C	200-20955-5	6171_017.d	02/18/2014	00:44
IA-VMP-3B	200-20955-9	6171_019.d	02/18/2014	02:23
IA-VMP-3D	200-20955-11	6171_020.d	02/18/2014	03:13
IA-VMP-3E	200-20955-19	6171_024.d	02/18/2014	06:37
IA-VMP-4	200-20955-21	6171_025.d	02/18/2014	07:28

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab File ID: 6282_001.d BFB Injection Date: 02/24/2014
 Instrument ID: CHW.i BFB Injection Time: 10:20
 Analysis Batch No.: 68730

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.6	
75	30.0 - 66.0% of mass 95	45.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.9	
175	4.0 - 9.0 % of mass 174	7.3	(7.3)1
176	93.0 - 101.0% of mass 174	98.6	(97.7)1
177	5.0 - 9.0% of mass 176	6.4	(6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68730/2	6282_002.d	02/24/2014	11:15
	LCS 200-68730/3	6282_003.d	02/24/2014	12:29
	MB 200-68730/4	6282_004.d	02/24/2014	13:46
IA-VMP-8D	200-20955-29	6282_008.d	02/24/2014	17:31
IA-DUP-021214	200-20955-31	6282_009.d	02/24/2014	18:25
AMB-021314	200-20969-2	6282_021.d	02/25/2014	04:13
IA-VMP-7A	200-20955-26	6282_025.d	02/25/2014	07:37

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: ICIS 200-66774/7 Date Analyzed: 01/03/2014 13:12
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): cma007.D Heated Purge: (Y/N) N
 Calibration ID: 25229

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	524149	10.94	2939250	13.01	2821366	19.15
UPPER LIMIT	733809	11.27	4114950	13.34	3949912	19.48
LOWER LIMIT	314489	10.61	1763550	12.68	1692820	18.82
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-66774/13	545172	10.94	3224050	13.01	3112926	19.15

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: CCVIS 200-68870/3 Date Analyzed: 02/26/2014 12:54
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6343_03.D Heated Purge: (Y/N) N
 Calibration ID: 25229

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	398950	10.92	2187236	12.99	2080040	19.13
UPPER LIMIT	558530	11.25	3062130	13.32	2912056	19.46
LOWER LIMIT	239370	10.59	1312342	12.66	1248024	18.80
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 200-68870/4	401448	10.92	2212895	12.99	2125844	19.13
MB 200-68870/5	381709	10.91	2141658	12.99	1969452	19.13
200-20955-23	IA-VMP-5A	365998	2015877	12.99	1814381	19.13

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: ICIS 200-68619/10 Date Analyzed: 02/20/2014 19:33
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6246_010.D Heated Purge: (Y/N) N
 Calibration ID: 25722

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	715346	10.56	4040627	12.63	4191149	18.79
UPPER LIMIT	1001484	10.89	5656878	12.96	5867609	19.12
LOWER LIMIT	429208	10.23	2424376	12.30	2514689	18.46
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-68619/16	732981	10.56	4217854	12.62	4337814	18.79

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: CCVIS 200-68679/2 Date Analyzed: 02/21/2014 11:48
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6267_002.D Heated Purge: (Y/N) N
 Calibration ID: 25611

LCS 200-68679/3		02/21/2014 12:36	6267_003.D	10.56	12.62	18.79
MB 200-68679/4		02/21/2014 13:23	6267_004.D	10.56	12.62	18.79
200-20955-7	IA-VMP-3A	02/22/2014 01:30	6267_019.D	10.56	12.62	18.79
200-20955-13	IA-VMP-5B	02/22/2014 04:38	6267_023.D	10.56	12.62	18.78
200-20955-15	IA-VMP-6A	02/22/2014 06:11	6267_025.D	10.56	12.62	18.79
200-20955-17	IA-VMP-6B	02/22/2014 07:45	6267_027.D	10.56	12.62	18.79

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: CCVIS 200-68811/2 Date Analyzed: 02/25/2014 12:49
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6318_002.D Heated Purge: (Y/N) N
 Calibration ID: 25722

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	704232	10.56	4070343	12.62	4190829	18.79	
UPPER LIMIT	985925	10.89	5698480	12.95	5867161	19.12	
LOWER LIMIT	422539	10.23	2442206	12.29	2514497	18.46	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-68811/3	688967	10.56	3939447	12.62	4046568	18.79	
MB 200-68811/5	805163	10.56	4714661	12.62	4366233	18.79	
200-20955-27	IA-VMP-7	673078	10.56	3753593	12.62	3462353	18.79

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: ICIS 200-68234/8 Date Analyzed: 02/11/2014 22:30
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6101_008.d Heated Purge: (Y/N) N
 Calibration ID: 25497

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	501508	12.85	2304289	14.75	2110792	20.44
UPPER LIMIT	702111	13.18	3226005	15.08	2955109	20.77
LOWER LIMIT	300905	12.52	1382573	14.42	1266475	20.11
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-68234/14	576959	12.86	2743463	14.75	2494405	20.44

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: CCVIS 200-68420/2 Date Analyzed: 02/17/2014 10:36
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6171_002.d Heated Purge: (Y/N) N
 Calibration ID: 25497

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	356833	12.85	1710087	14.75	1561721	20.44		
UPPER LIMIT	499566	13.18	2394122	15.08	2186409	20.77		
LOWER LIMIT	214100	12.52	1026052	14.42	937033	20.11		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-68420/3			375523	12.85	1810989	14.75	1651635	20.44
MB 200-68420/4			391869	12.86	1876819	14.75	1583123	20.44
200-20955-1	IA-VMP-1B		360991	12.85	1690237	14.74	1521369	20.44
200-20955-3	IA-VMP-2B		374943	12.87	1779240	14.75	1593871	20.45
200-20955-5	IA-VMP-2C		357600	12.87	1672703	14.76	1474613	20.45
200-20955-9	IA-VMP-3B		386084	12.87	1881646	14.75	1663066	20.44
200-20955-11	IA-VMP-3D		369118	12.87	1714680	14.76	1565957	20.45
200-20955-19	IA-VMP-3E		341368	12.87	1633931	14.75	1478873	20.45
200-20955-21	IA-VMP-4		376478	12.86	1814952	14.75	1672363	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Sample No.: CCVIS 200-68730/2 Date Analyzed: 02/24/2014 11:15
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6282_002.d Heated Purge: (Y/N) N
 Calibration ID: 25497

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	410568	12.86	1953552	14.74	1777392	20.44		
UPPER LIMIT	574795	13.19	2734973	15.07	2488349	20.77		
LOWER LIMIT	246341	12.53	1172131	14.41	1066435	20.11		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-68730/3			442925	12.86	2117890	14.75	1915306	20.44
MB 200-68730/4			450039	12.85	2201278	14.74	1928409	20.44
200-20955-29	IA-VMP-8D		429480	12.86	2071911	14.75	1815913	20.44
200-20955-31	IA-DUP-021214		351491	12.85	1648487	14.74	1509300	20.44
200-20969-2	AMB-021314		314932	12.87	1473988	14.75	1298327	20.45
200-20955-26	IA-VMP-7A		360587	12.85	1663993	14.75	1415539	20.44

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-1B Lab Sample ID: 200-20955-1
 Matrix: Air Lab File ID: 6171_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:05
 Sample wt/vol: 344 (mL) Date Analyzed: 02/17/2014 23:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.51		0.50	0.030
75-45-6	Freon 22	86.47	0.31	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.55		0.50	0.14
106-97-8	n-Butane	58.12	1.4		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.26		0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.60		0.20	0.030
76-13-1	Freon 113	187.38	0.081	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	4.4	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	82	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	1.5		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.53		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.54		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	16		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.060		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.29		0.20	0.027
71-43-2	Benzene	78.11	0.31		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.38		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-1B Lab Sample ID: 200-20955-1
 Matrix: Air Lab File ID: 6171_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:05
 Sample wt/vol: 344 (mL) Date Analyzed: 02/17/2014 23:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.75		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.032	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.080	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.12	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.17	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.058	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.23		0.20	0.034
100-42-5	Styrene	104.15	0.23		0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.052	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.030	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.055	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.29		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.13	J	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-1B Lab Sample ID: 200-20955-1
 Matrix: Air Lab File ID: 6171_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:05
 Sample wt/vol: 344 (mL) Date Analyzed: 02/17/2014 23:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-1B Lab Sample ID: 200-20955-1
 Matrix: Air Lab File ID: 6171_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:05
 Sample wt/vol: 344 (mL) Date Analyzed: 02/17/2014 23:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5		2.5	0.15
75-45-6	Freon 22	86.47	1.1	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.1		1.0	0.28
106-97-8	n-Butane	58.12	3.4		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.58		0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	3.4		1.1	0.17
76-13-1	Freon 113	187.38	0.62	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	11	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	200	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	5.3		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	1.9		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.6		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	55		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.38		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	1.4		0.93	0.13
71-43-2	Benzene	78.11	1.0		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	1.6		0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-1B Lab Sample ID: 200-20955-1
 Matrix: Air Lab File ID: 6171_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:05
 Sample wt/vol: 344 (mL) Date Analyzed: 02/17/2014 23:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	2.8		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.22	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.37	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.51	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.72	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.25	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.99		0.87	0.15
100-42-5	Styrene	104.15	0.98		0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.25	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.27	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.6		1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	0.69	J	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-1B Lab Sample ID: 200-20955-1
 Matrix: Air Lab File ID: 6171_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:05
 Sample wt/vol: 344 (mL) Date Analyzed: 02/17/2014 23:03
 Soil Aliquot Vol.: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d
 Lims ID: 200-20955-A-1 Lab Sample ID: 200-20955-1
 Client ID: IA-VMP-1B
 Sample Type: Client
 Inject. Date: 17-Feb-2014 23:03:30 ALS Bottle#: 13 Worklist Smp#: 15
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-015
 Misc. Info.: 200-20955-A-1 cdf=1.72 344ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:48:24 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.469	4.474	-0.005	94	84161	0.5098	
6 Chlorodifluoromethane	51	4.538	4.538	0.0	71	19556	0.3127	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50	5.020	5.020	0.0	95	15595	0.5487	
9 Butane	43	5.282	5.287	-0.005	96	65185	1.42	
10 Vinyl chloride	62		5.341					
11 Butadiene	54	5.442	5.442	0.0	94	6580	0.2616	
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.197	7.192	0.005	84	111398	0.6020	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.449	8.438	0.011	78	9437	0.0815	
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.759	8.749	0.011	87	233033	4.45	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.043	9.027	0.016	97	3599085	81.9	E
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.744	9.733	0.011	75	56209	1.54	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.658	10.648	0.010	85	26917	0.5327	
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72	12.386	12.392	-0.006	97	12046	0.5427	
44 Tetrahydrofuran	42		12.852					
* 43 Chlorobromomethane	128	12.852	12.852	0.0	69	360991	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.264	13.258	0.006	83	978188	15.9	
47 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117	13.521	13.531	-0.011	59	9709	0.0602	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	51		57	13.932	13.927	0.005	95	47931	0.2916	
	50		78	13.981	13.986	-0.005	92	46222	0.3138	
	52		62		14.141					
	53		43	14.275	14.275	0.0	77	19481	0.3796	
*	54		114	14.740	14.746	-0.006	93	1690237	10.0	
	56		95		15.206					
	58		63		15.730					
	59		69		15.810					
	60		88		15.901					
	62		83		16.222					
	64		75		17.083					
	65		43		17.319					
	66		92	17.661	17.661	0.0	93	82838	0.7508	
	70		75		18.191					
	71		83		18.560					
	72		166	18.704	18.694	0.010	67	4403	0.0321	
	73		43		18.950					
	74		129		19.314					
	75		107		19.598					
S	82		106				0		0.2242	7
*	76		117	20.443	20.443	0.0	83	1521369	10.0	
	77		112	20.502	20.496	0.006	30	14782	0.0801	
	78		91	20.609	20.614	-0.005	79	30171	0.1170	
	80		106	20.828	20.833	-0.005	98	17285	0.1663	
	83		106	21.545	21.545	0.0	42	5688	0.0580	
	84		104	21.583	21.582	0.001	94	33651	0.2311	
	85		173		21.962					
\$	87		95	22.444	22.444	0.0	97	1014437	NC	
	88		83		22.668					
	90		91		22.743					
	91		105	22.872	22.909	-0.037	84	17343	0.0516	
	92		91		22.941					
	94		105	22.909	23.000	-0.091	45	9473	0.0305	
	96		119		23.476					
	97		105	23.567	23.573	-0.006	79	16260	0.0548	
	98		105	23.926	23.808	0.118	38	117746	0.2880	
	99		119	23.926	24.011	-0.085	41	45270	0.1259	
	100		146		24.081					
	101		146		24.225					
	102		91		24.434					
	103		91		24.653					
	105		146		24.830					
	107		180		27.724					
	108		225		27.927					
	109		128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Worklist Smp#: 15

Client ID: IA-VMP-1B

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

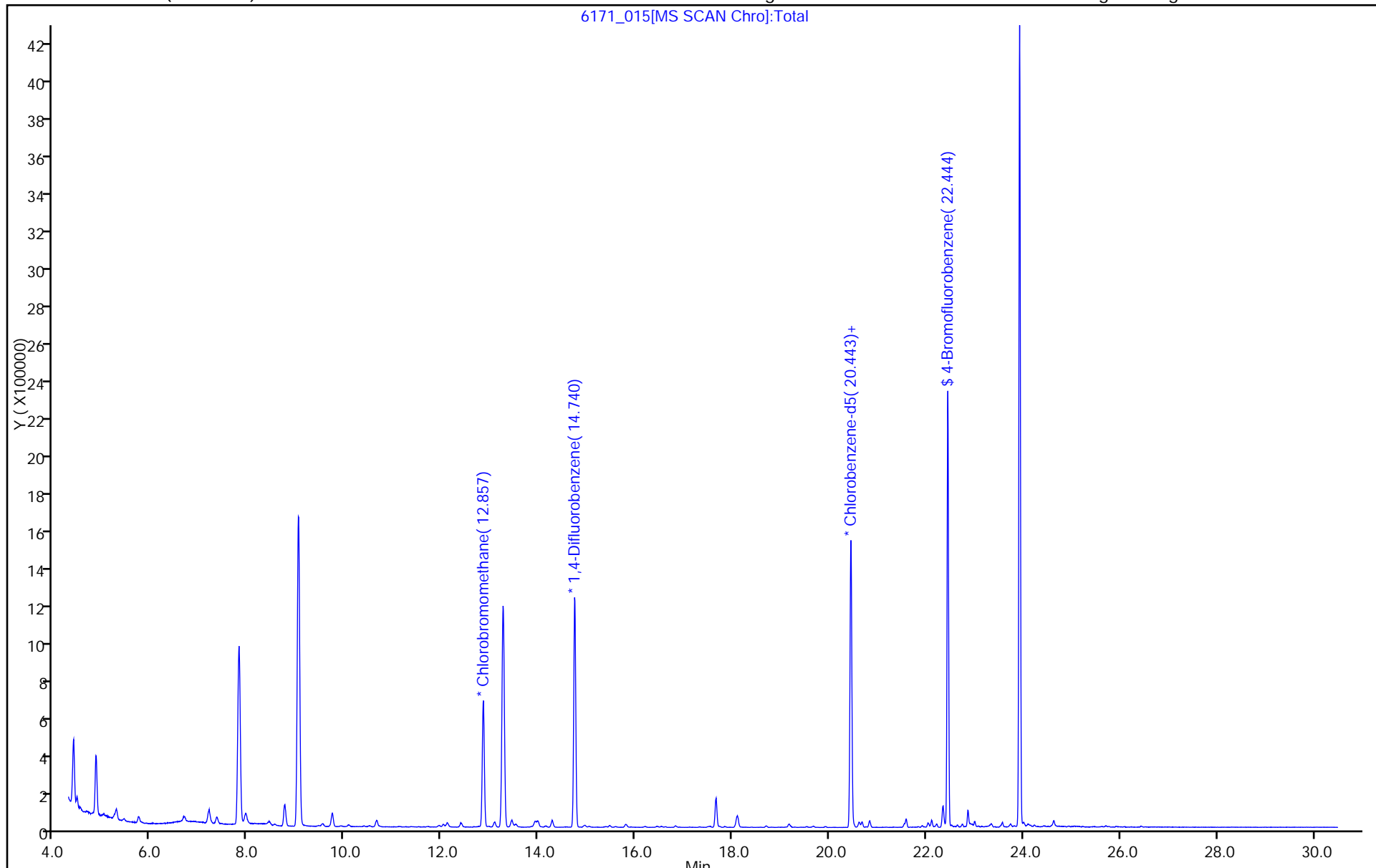
ALS Bottle#: 13

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

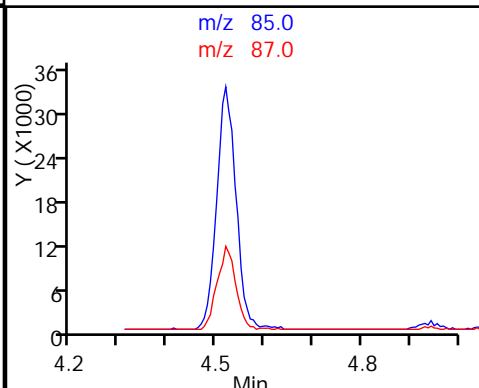
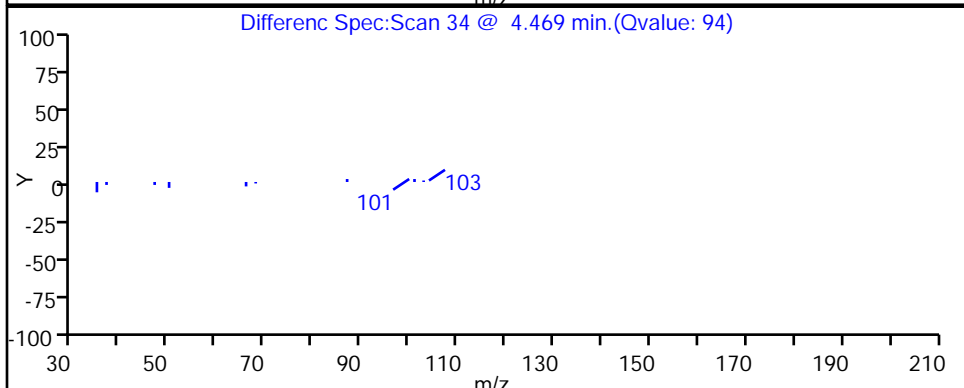
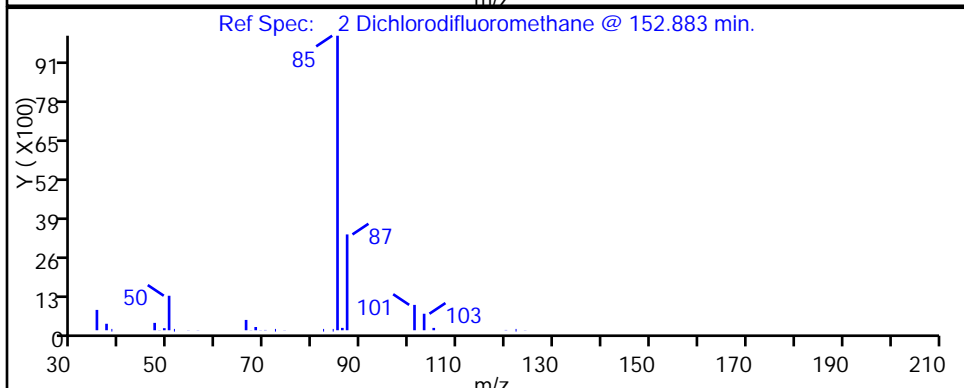
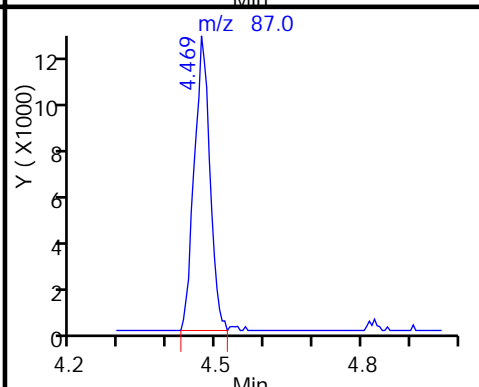
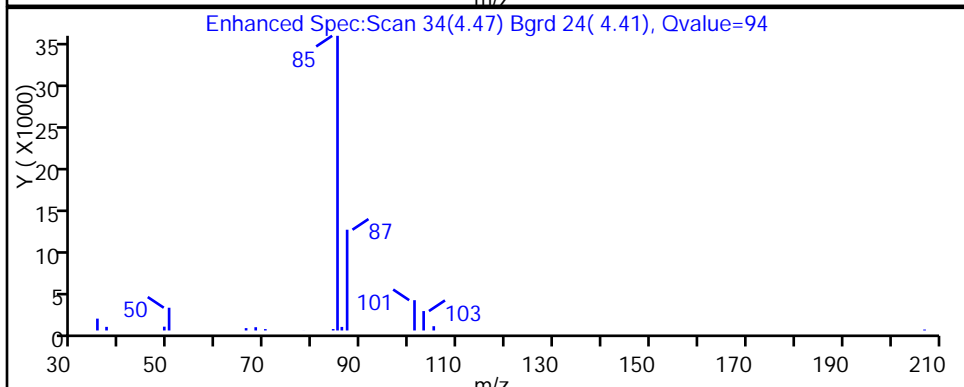
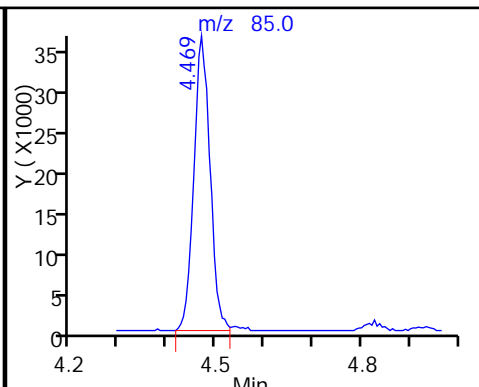
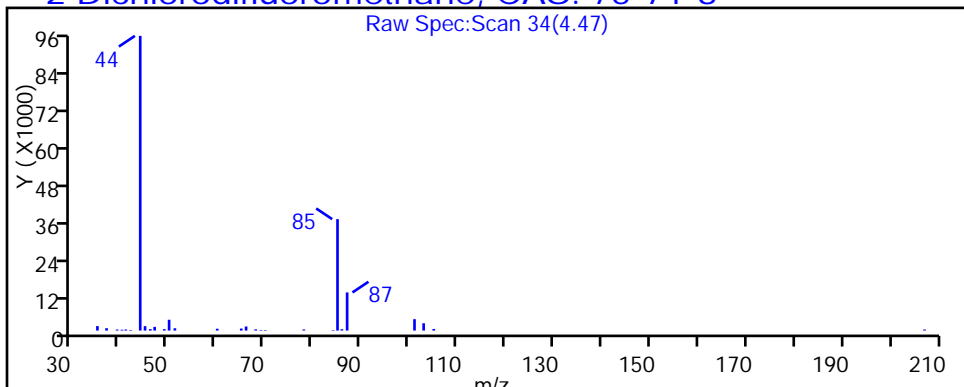
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

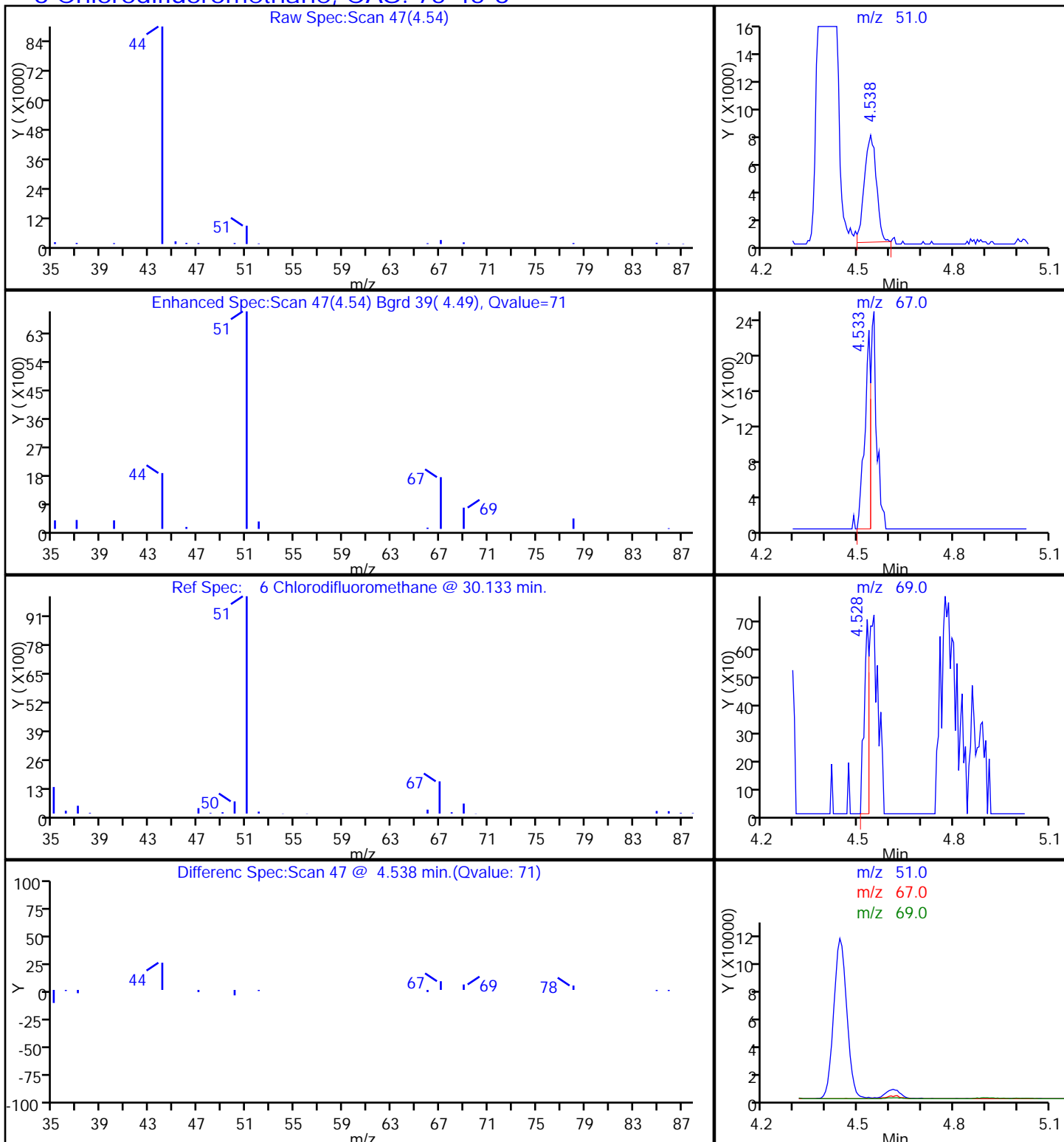
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

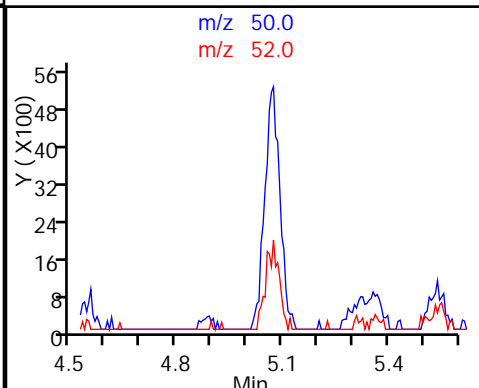
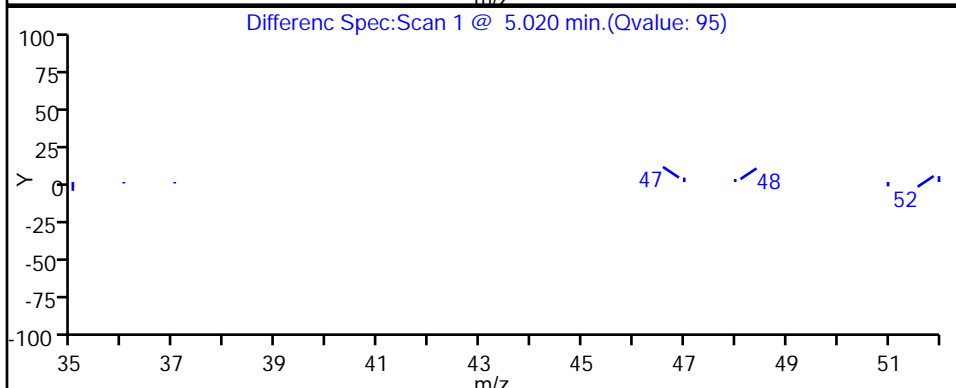
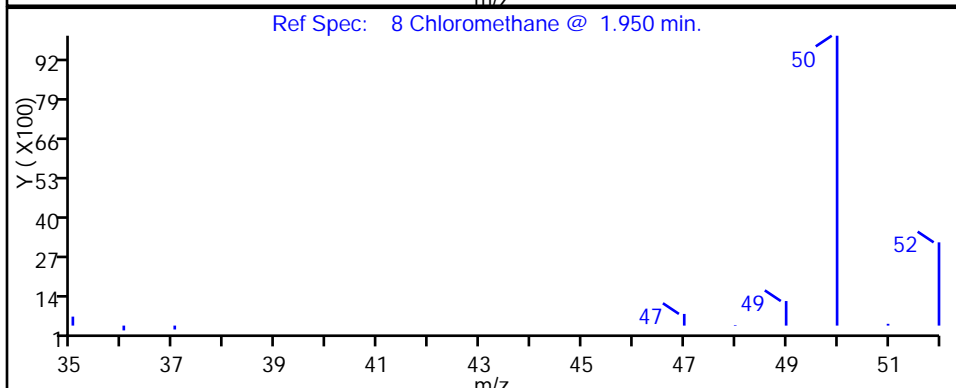
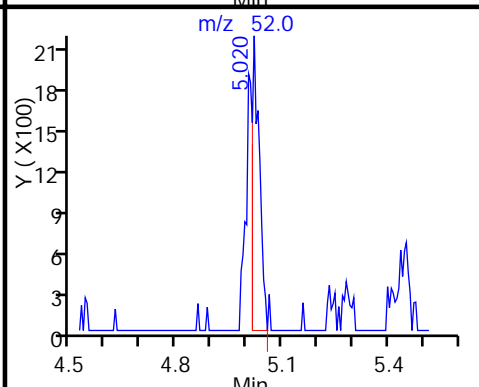
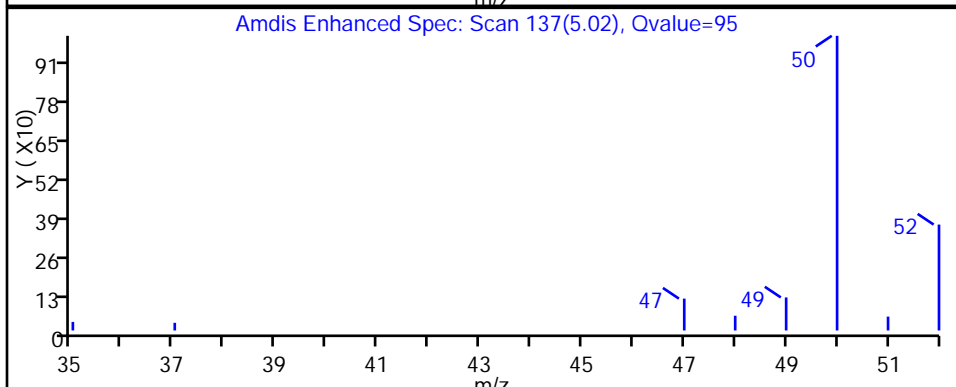
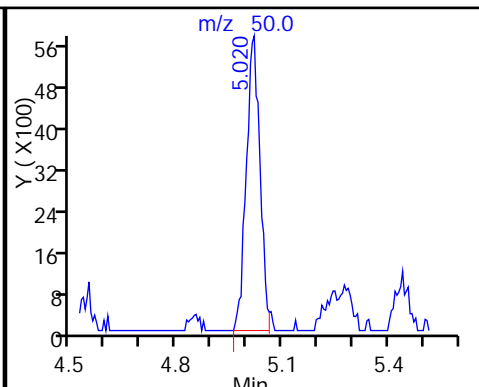
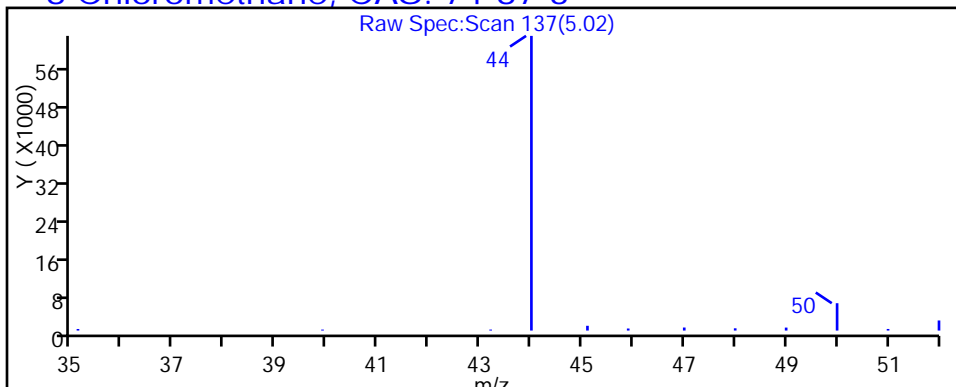
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

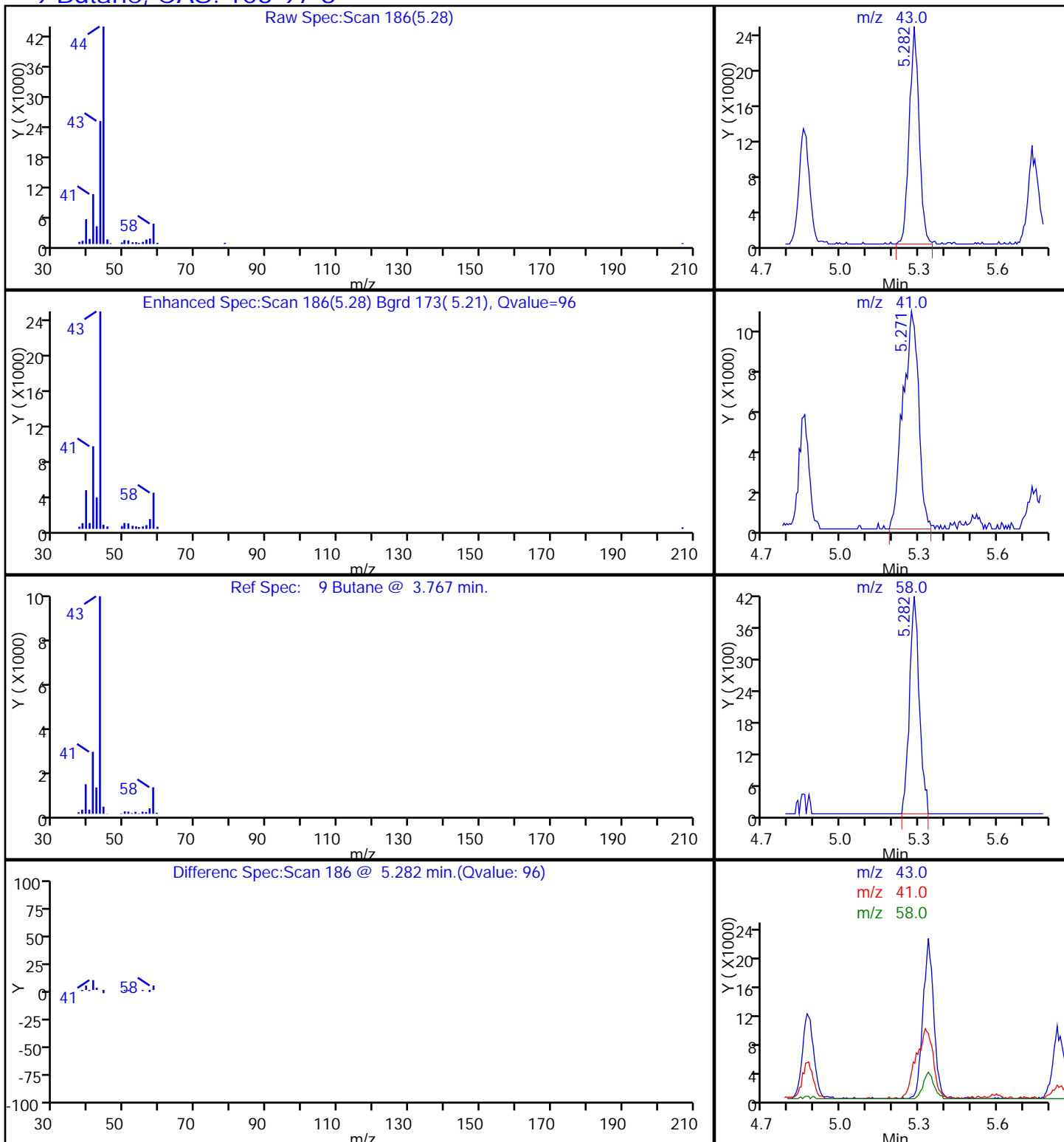
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

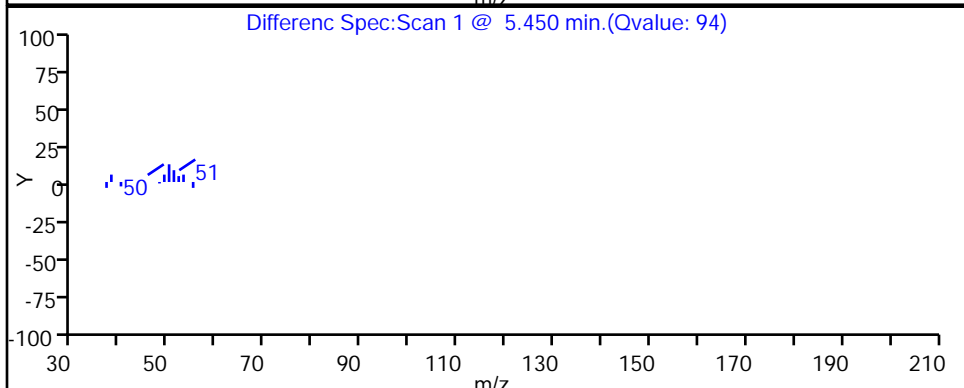
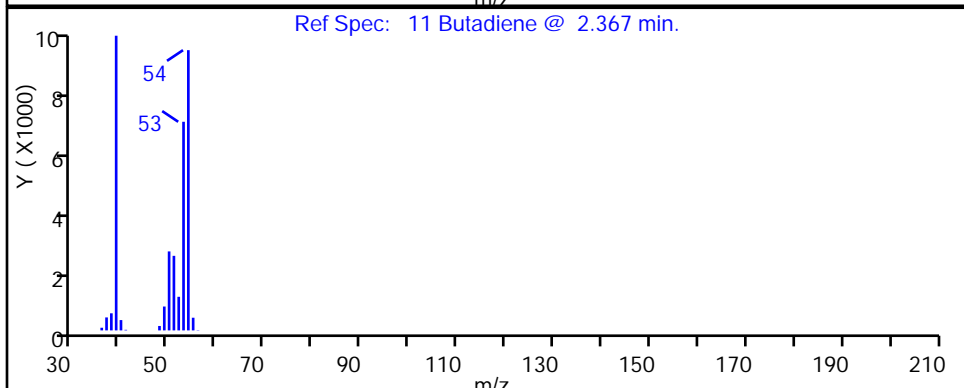
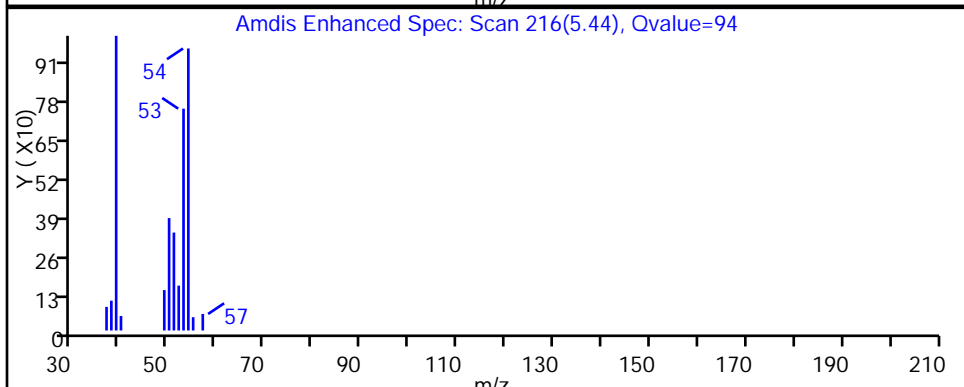
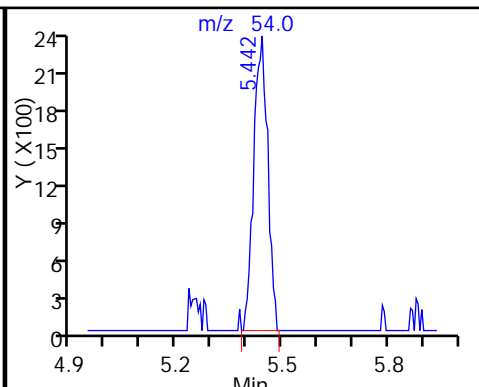
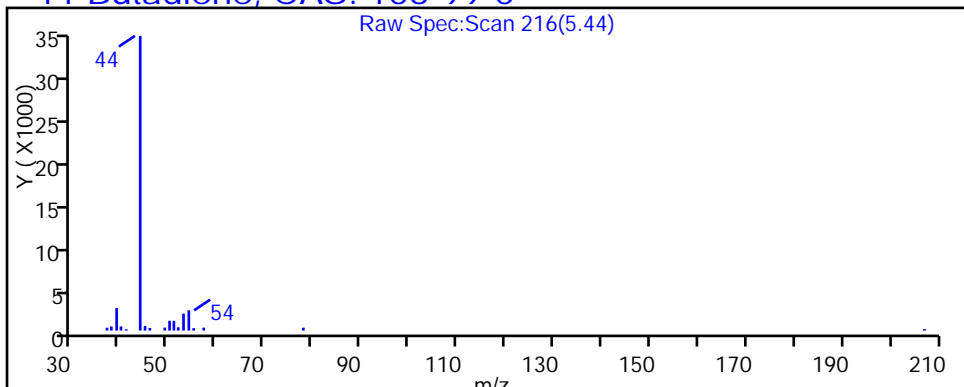
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

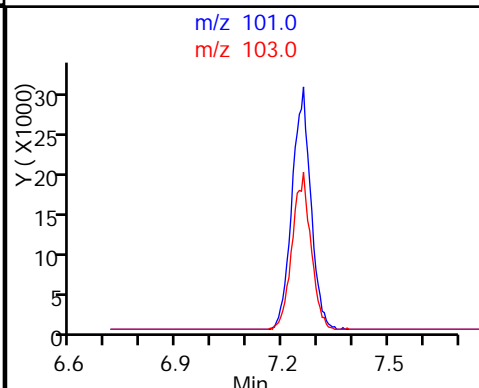
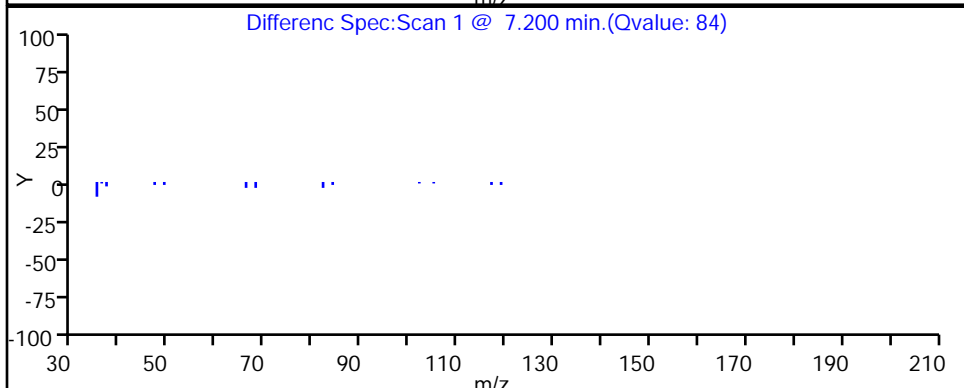
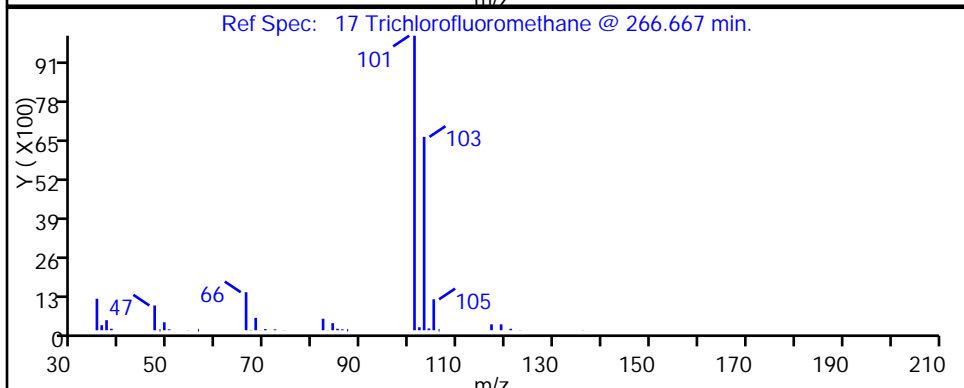
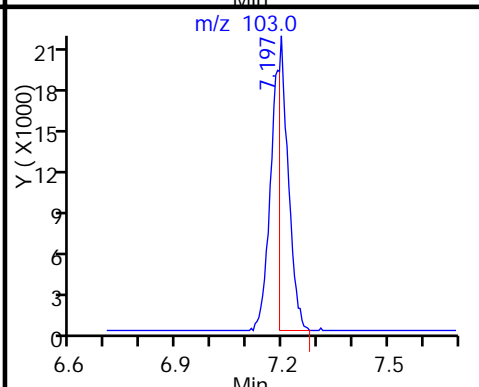
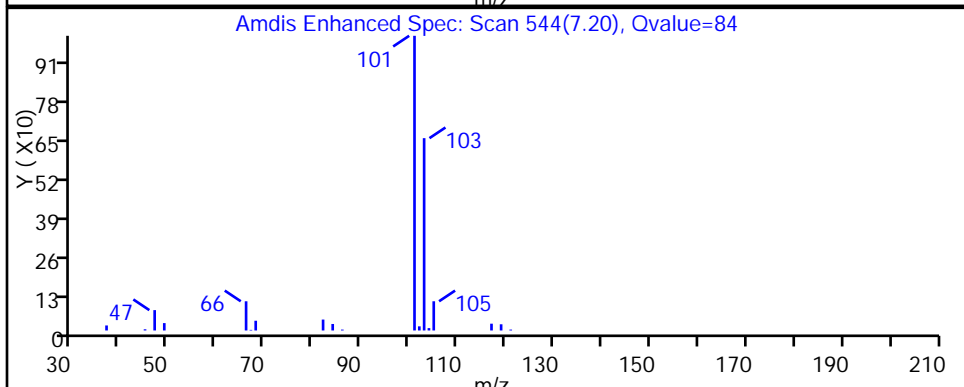
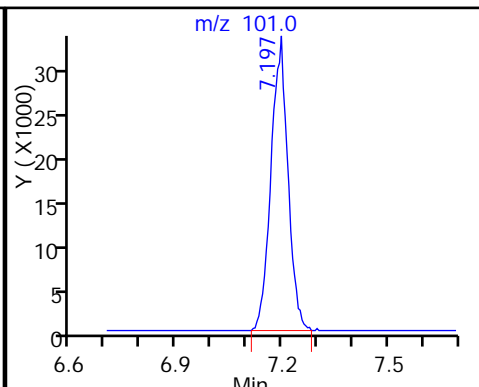
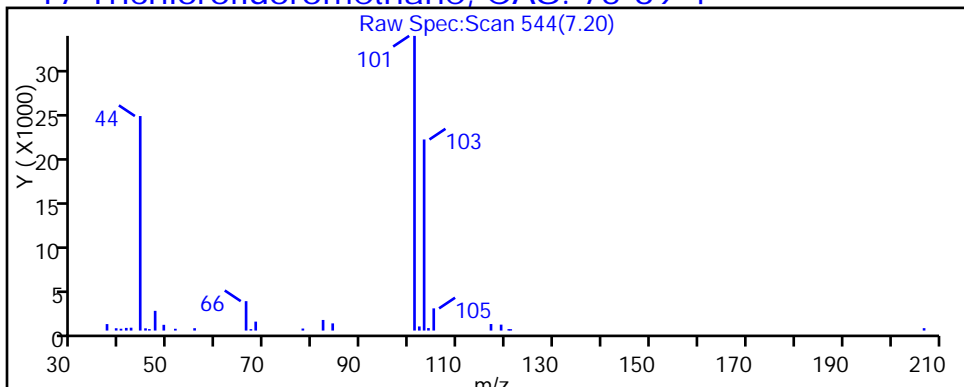
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

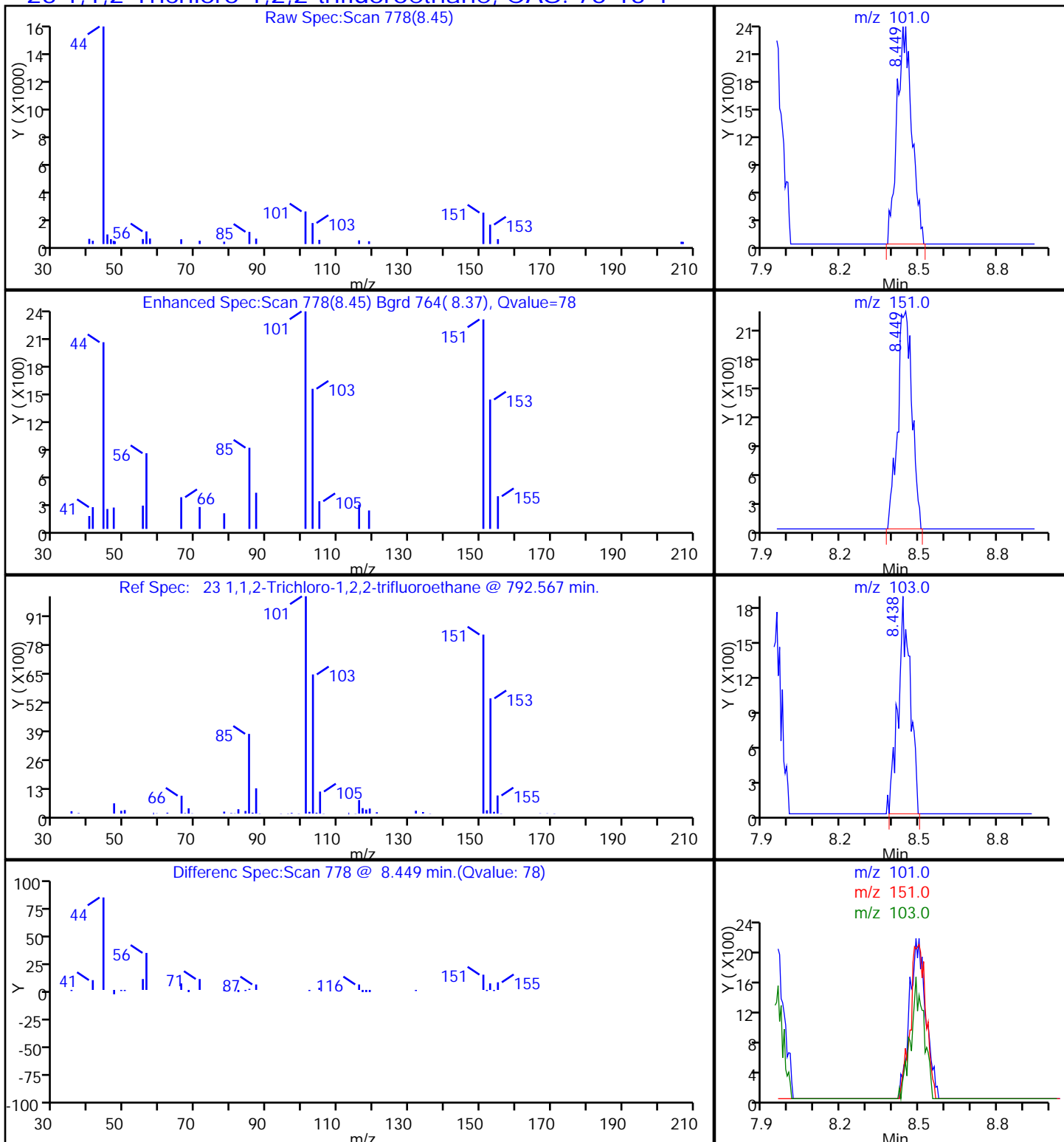
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

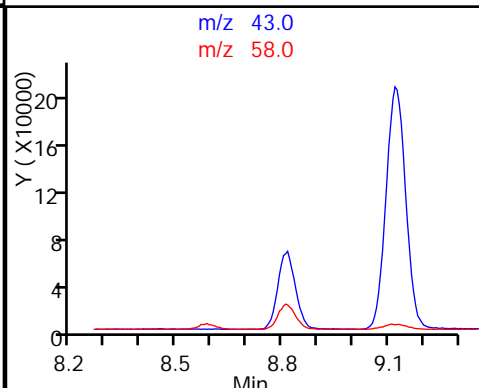
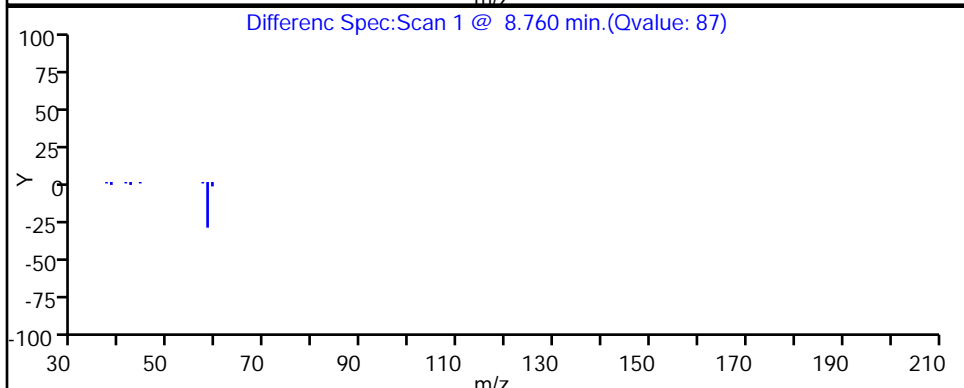
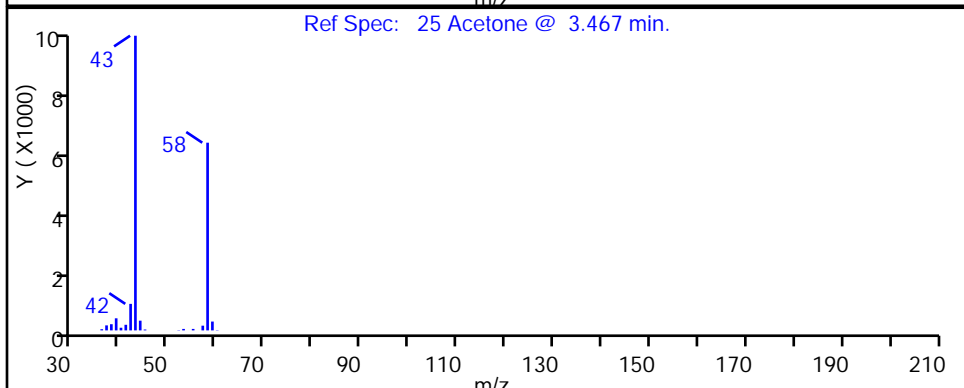
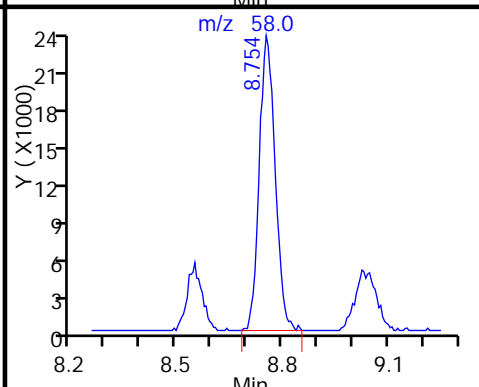
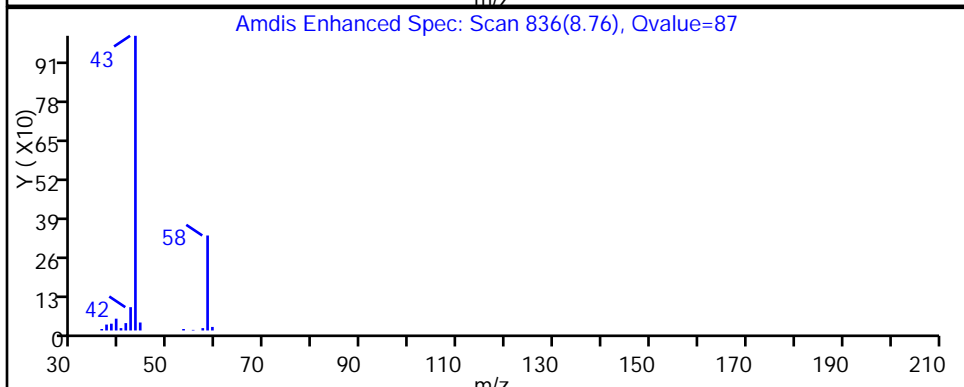
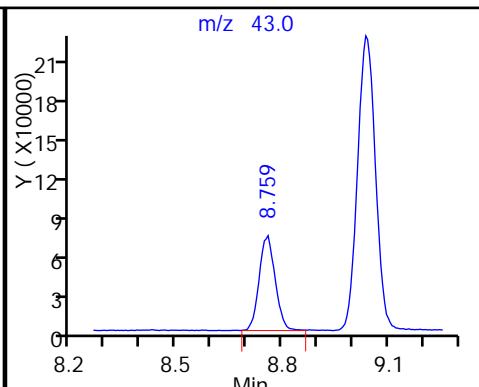
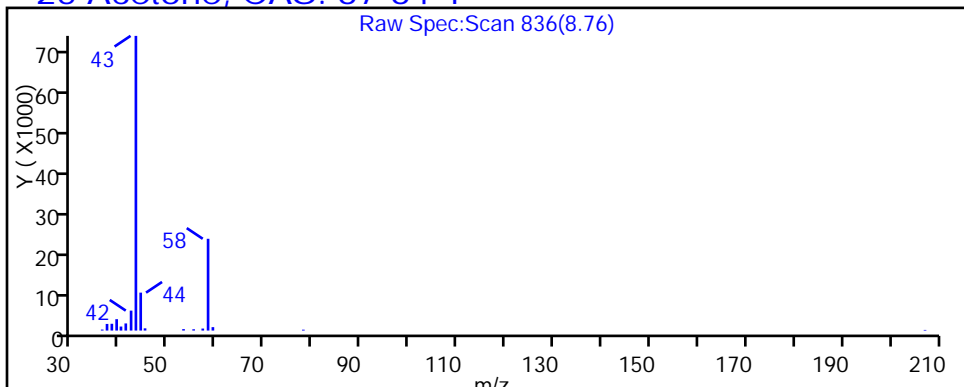
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

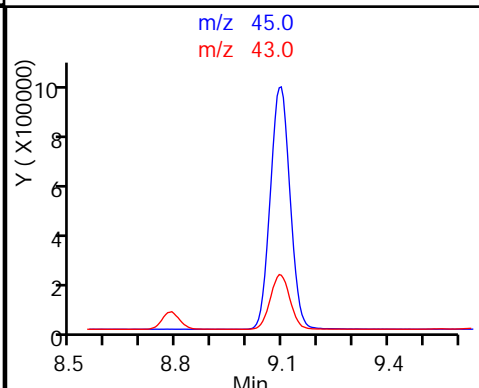
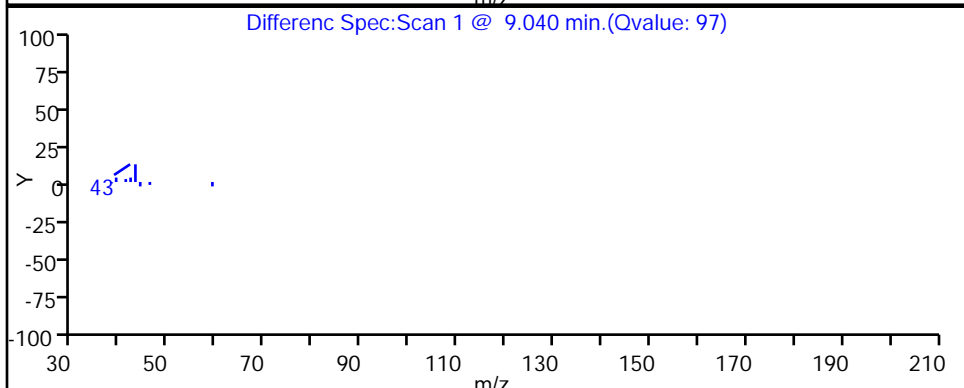
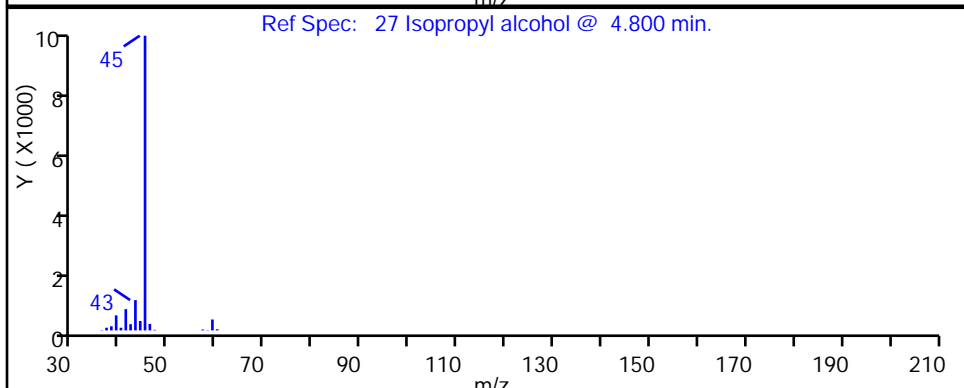
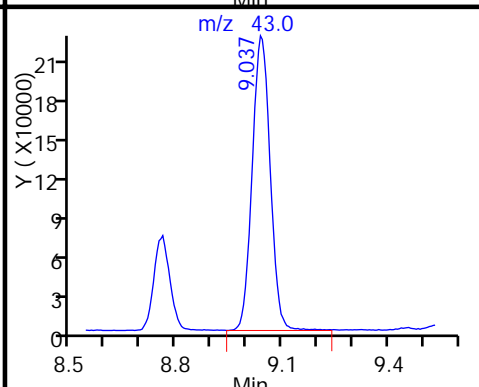
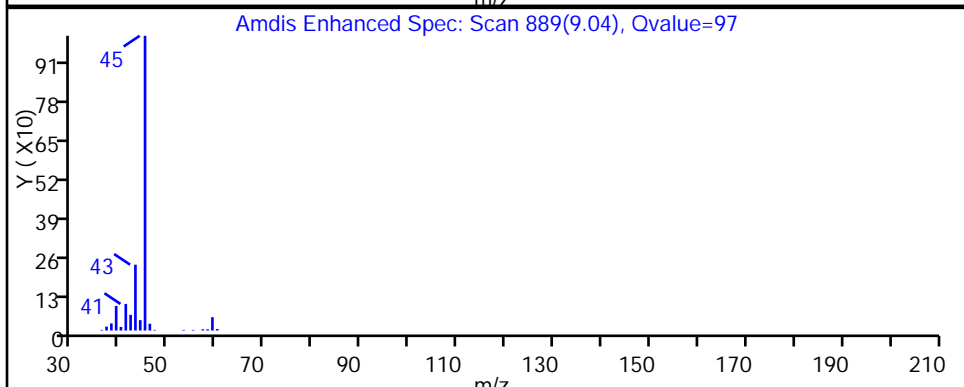
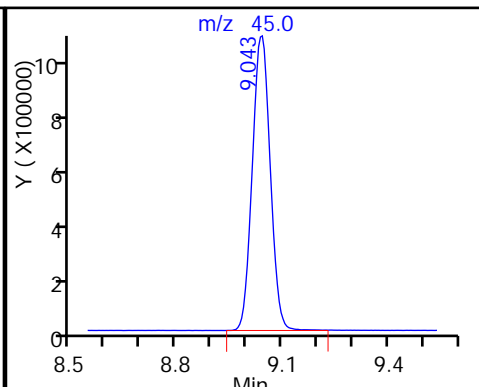
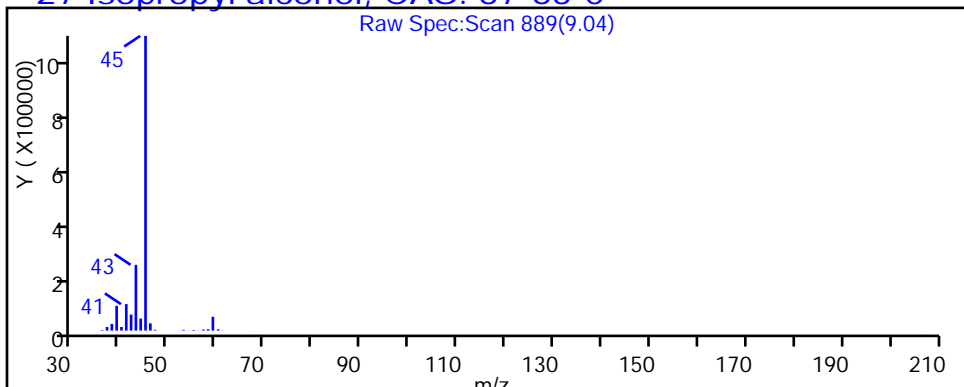
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

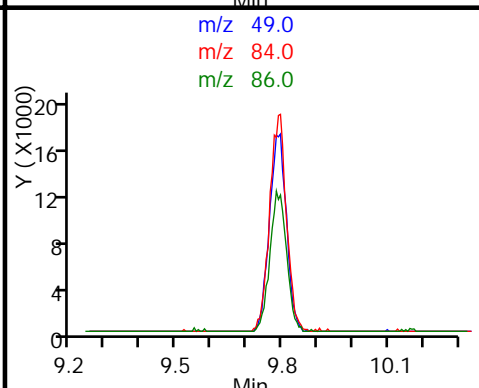
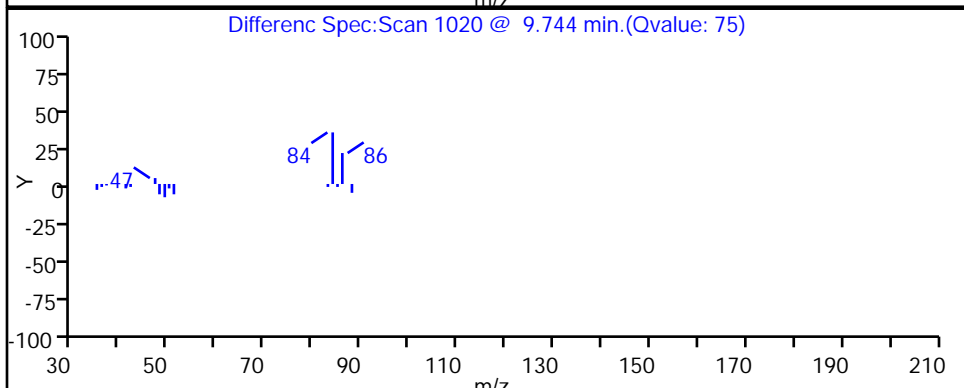
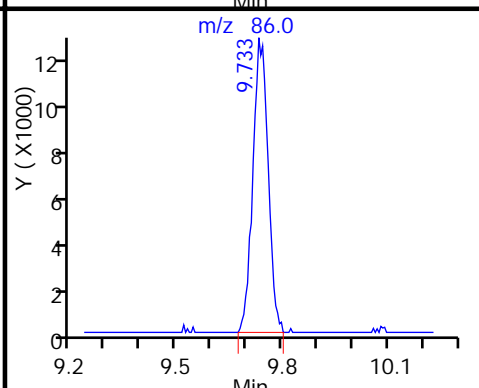
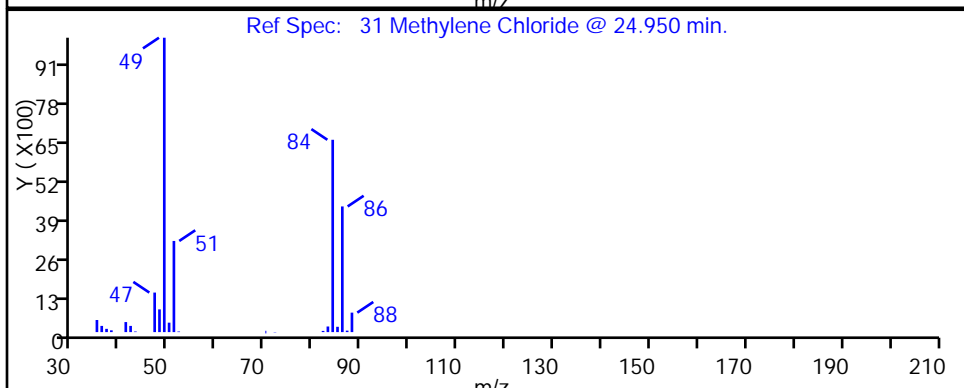
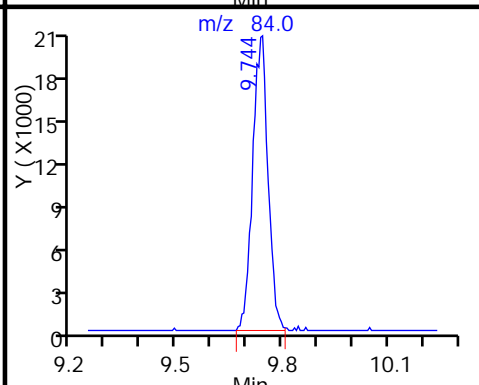
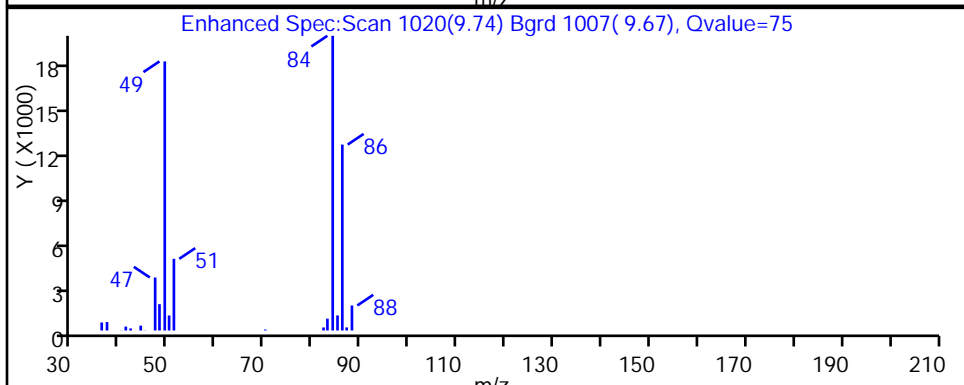
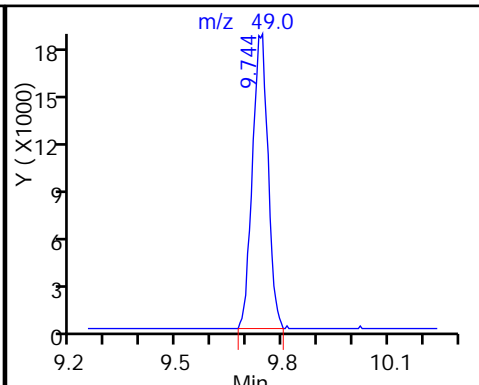
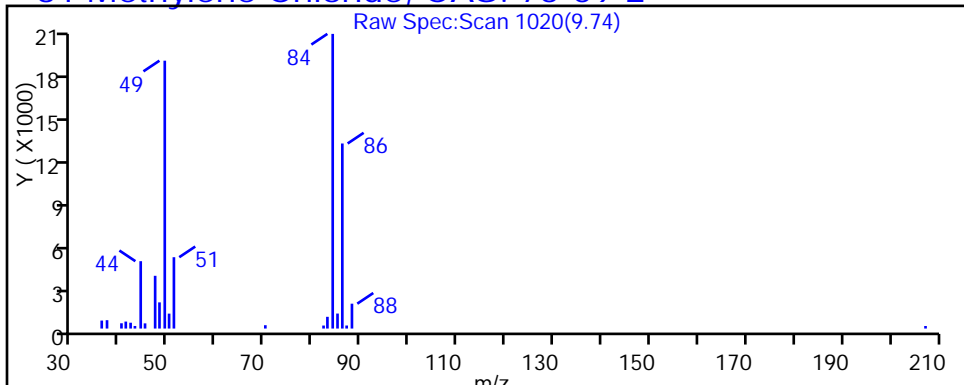
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

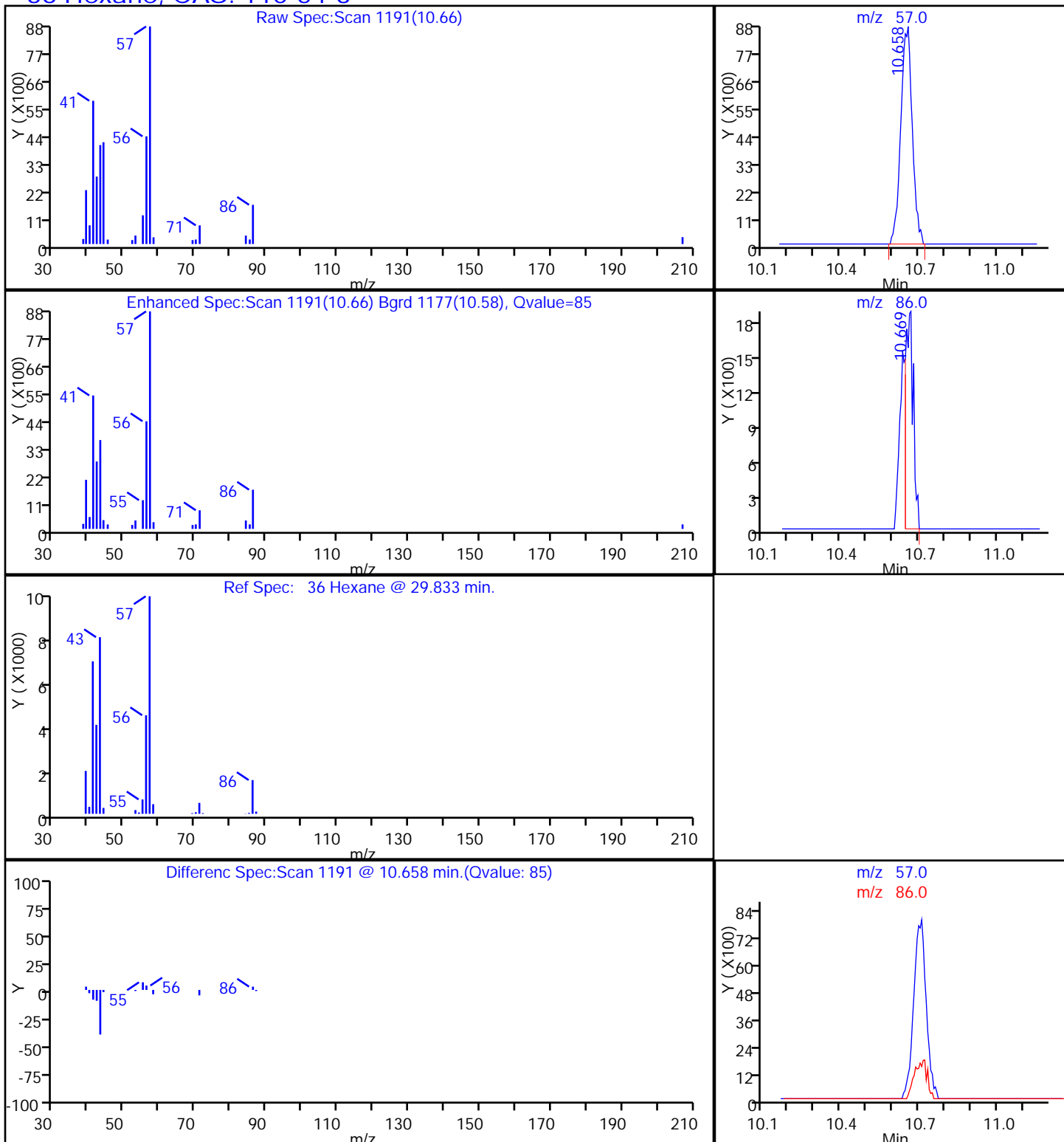
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

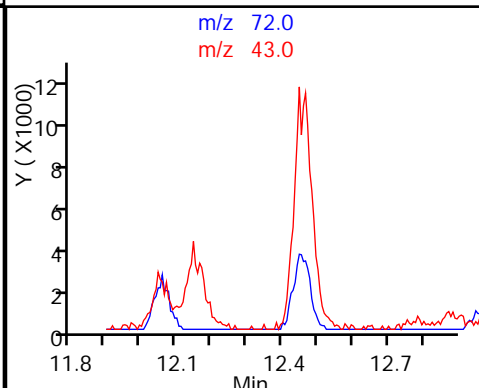
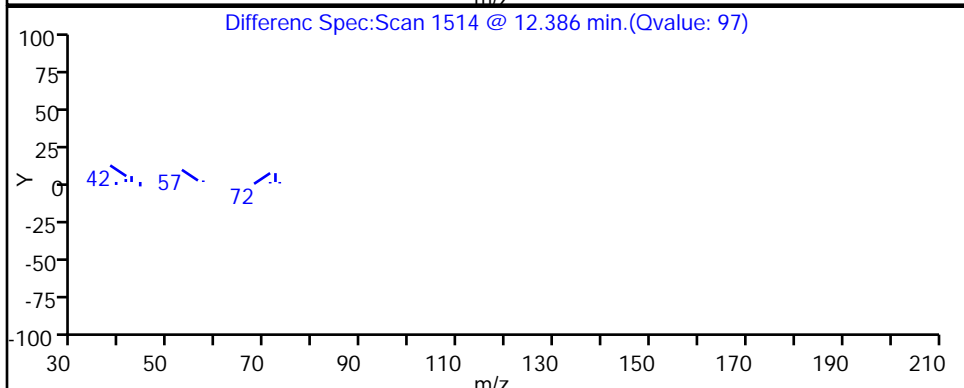
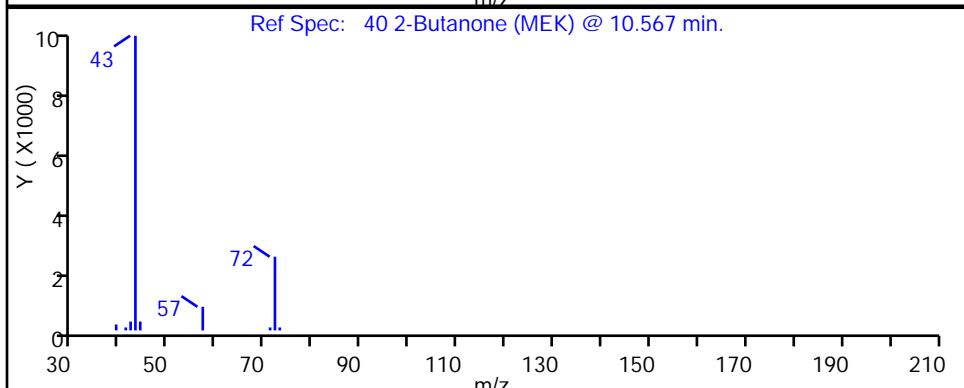
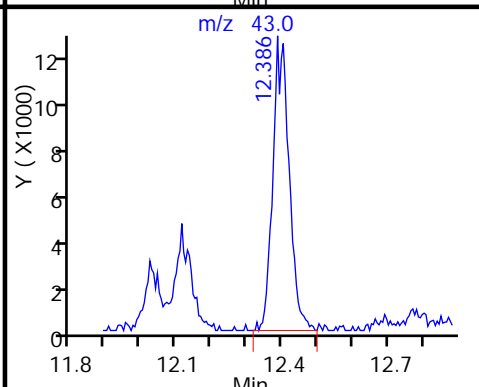
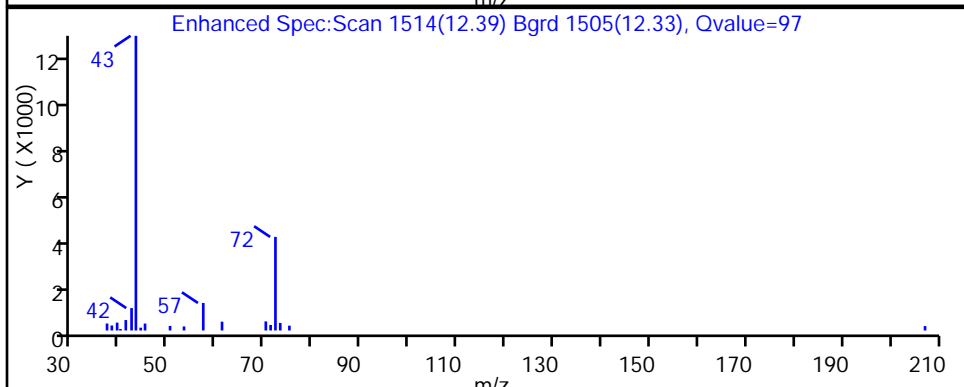
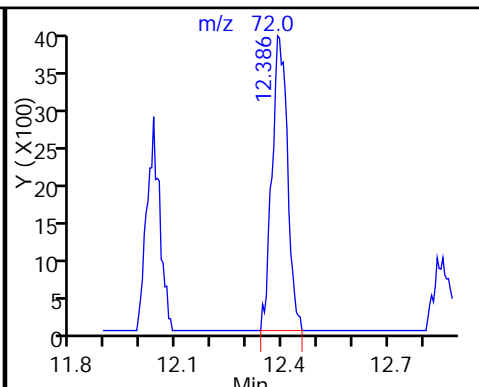
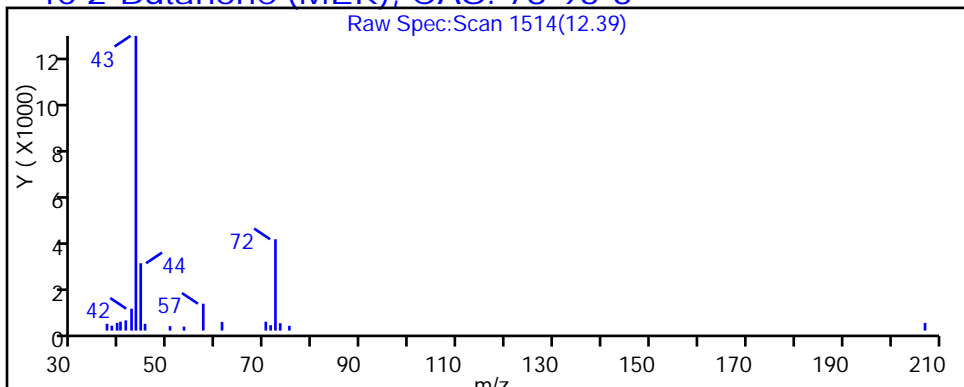
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

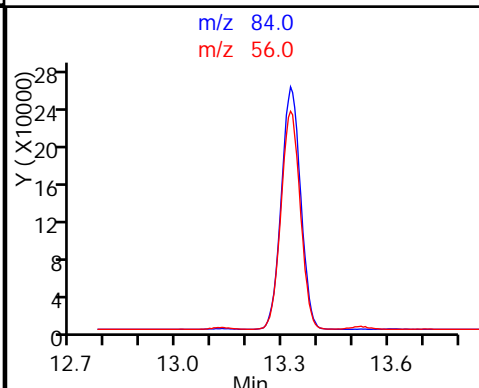
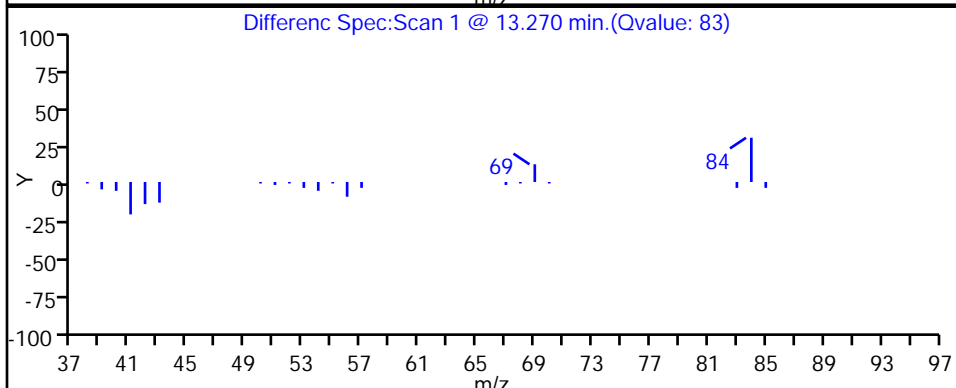
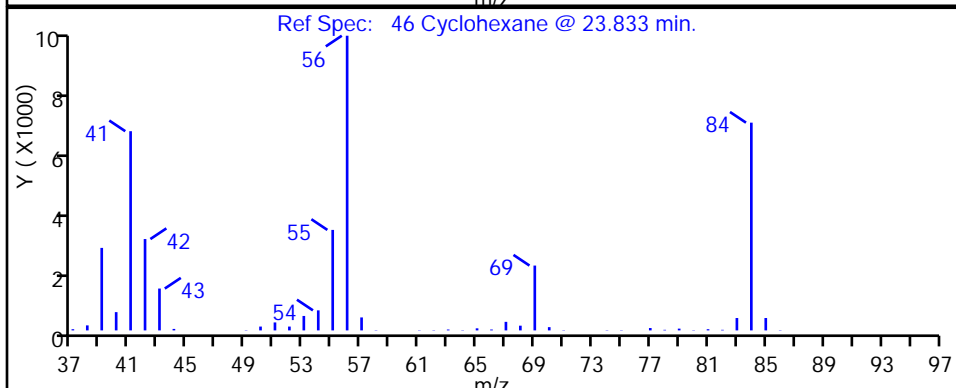
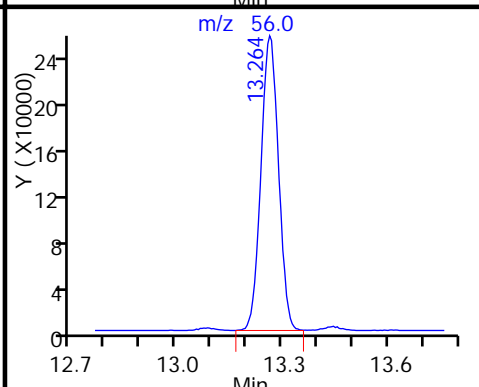
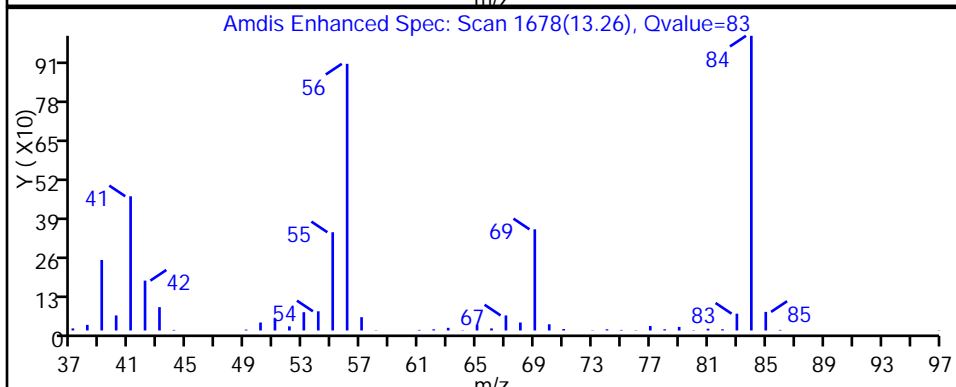
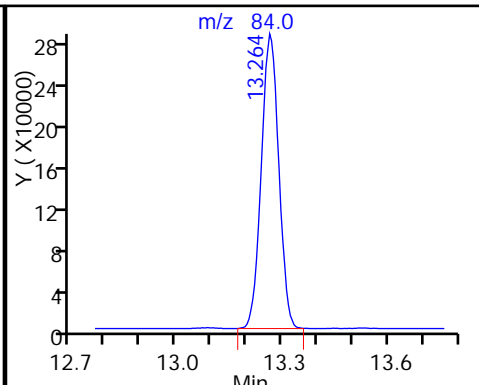
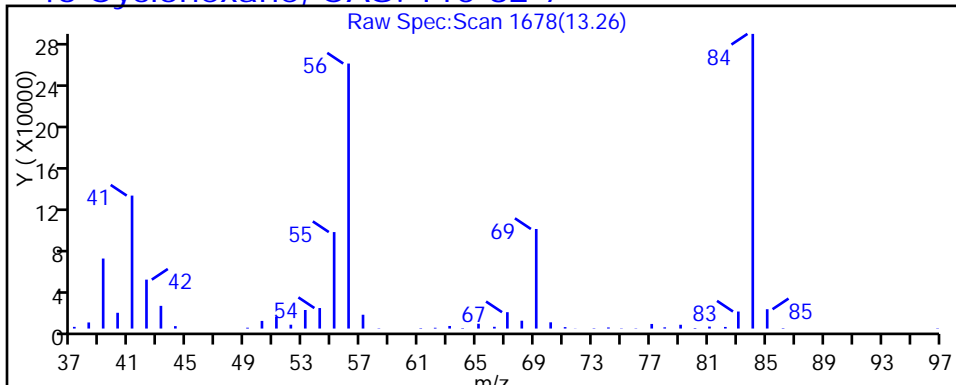
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

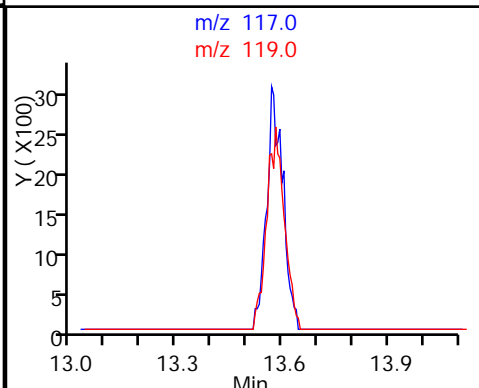
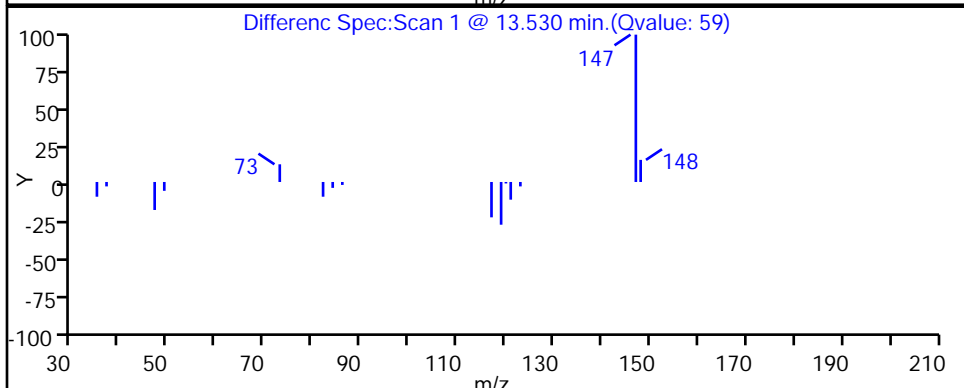
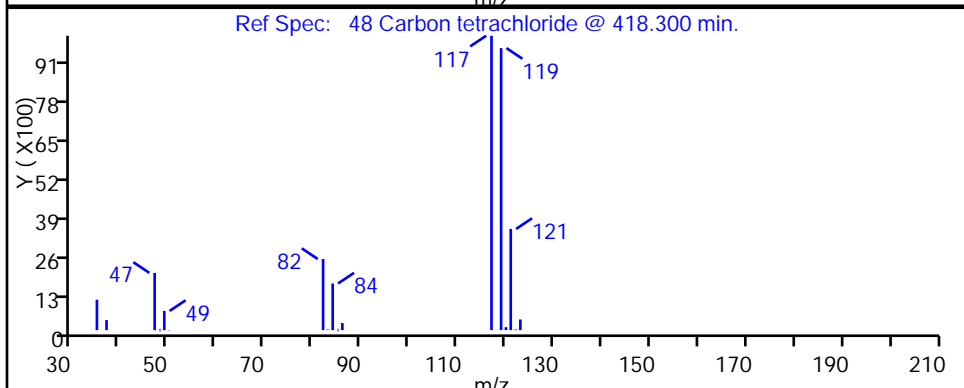
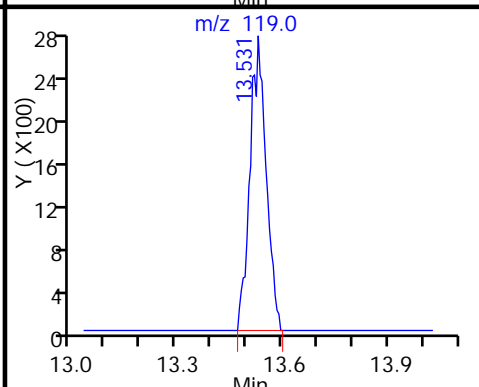
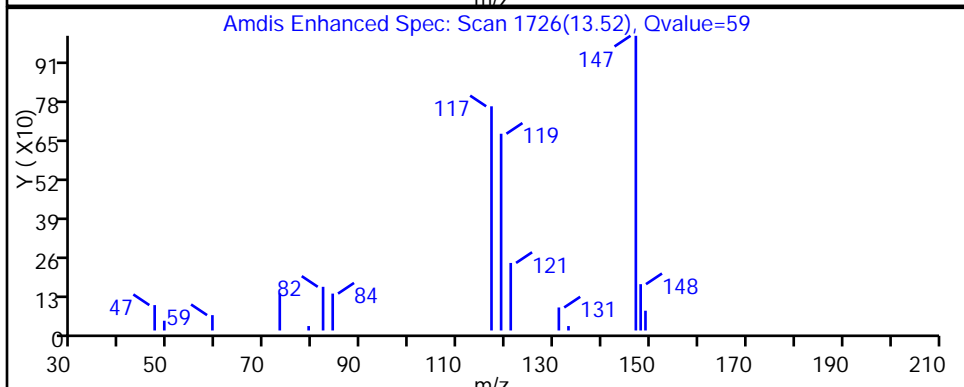
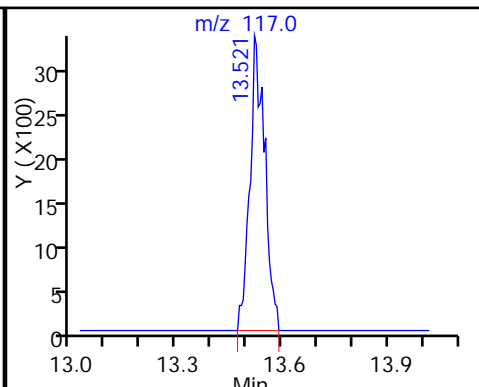
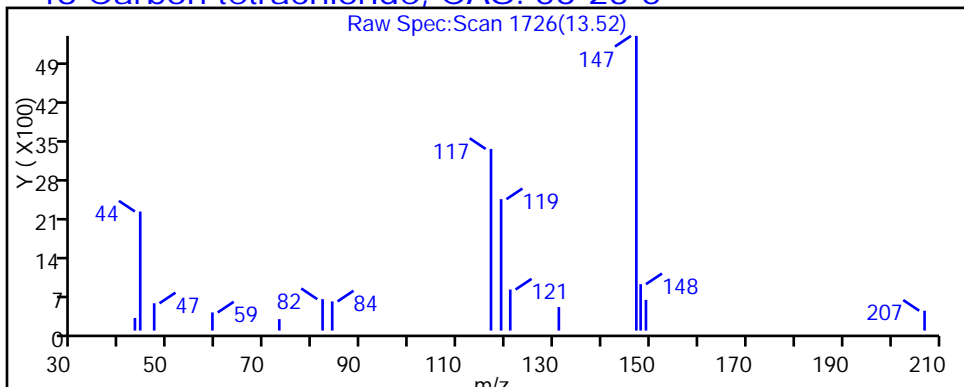
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

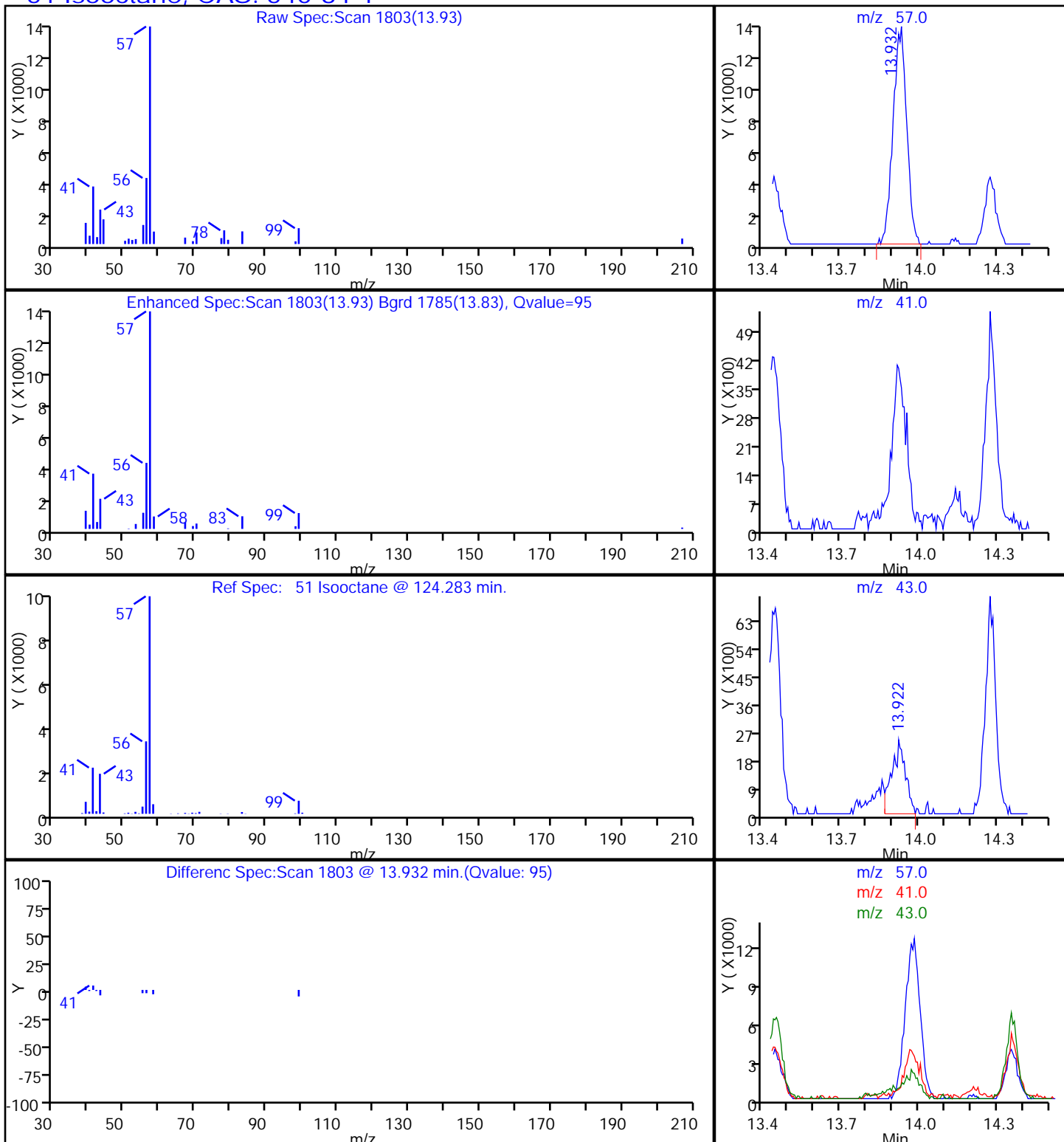
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

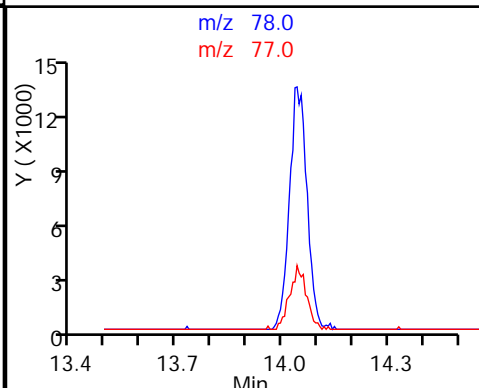
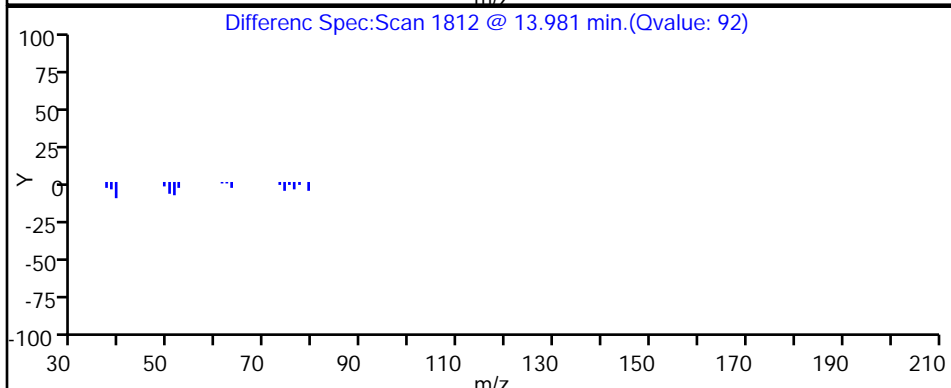
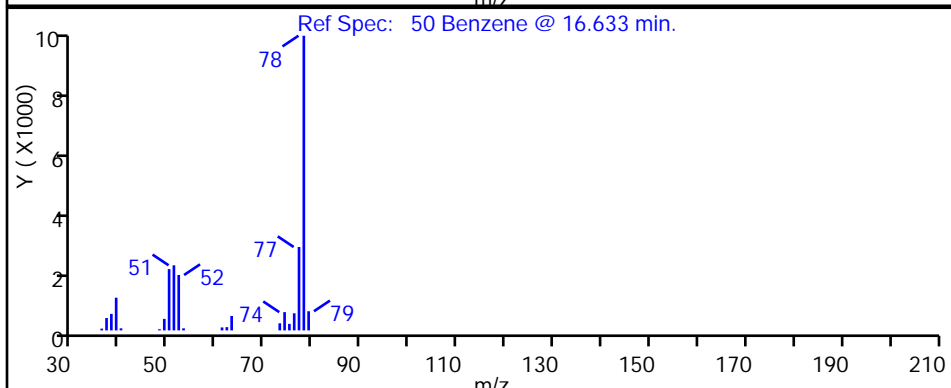
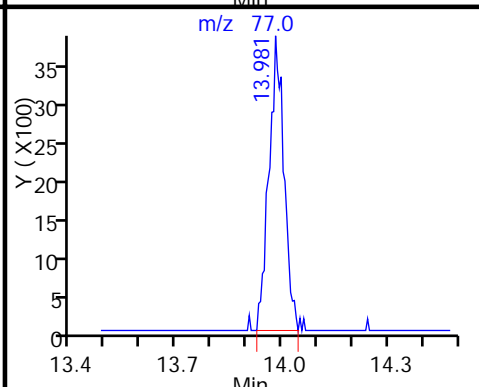
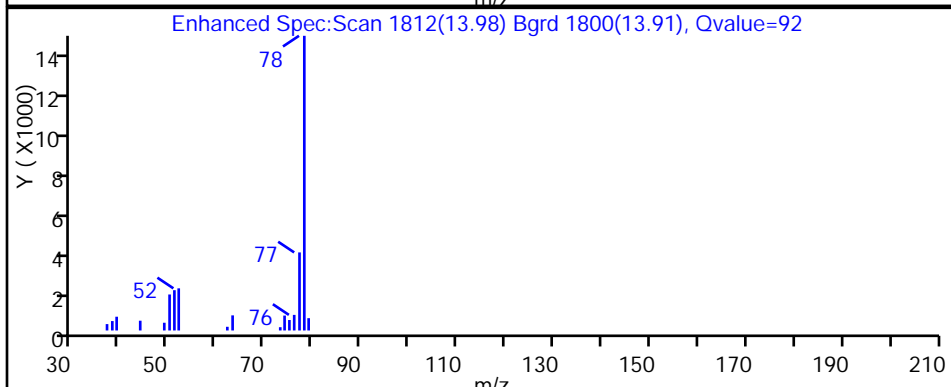
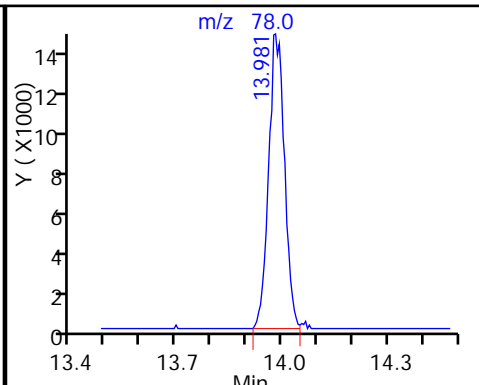
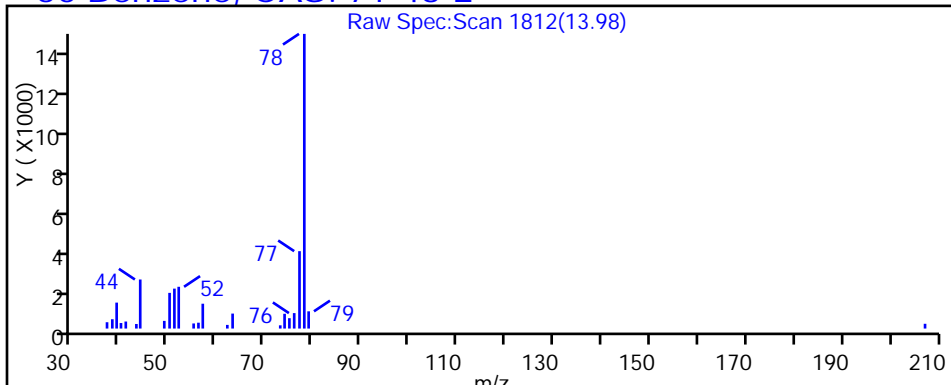
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

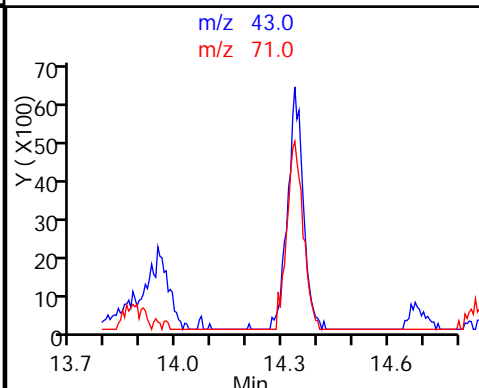
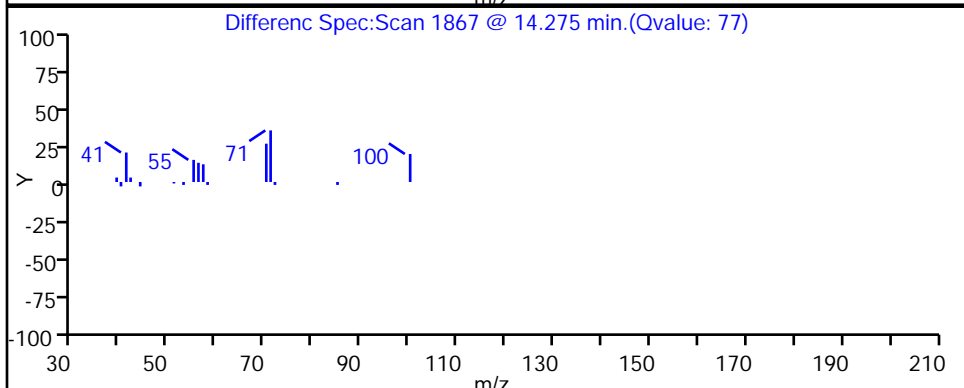
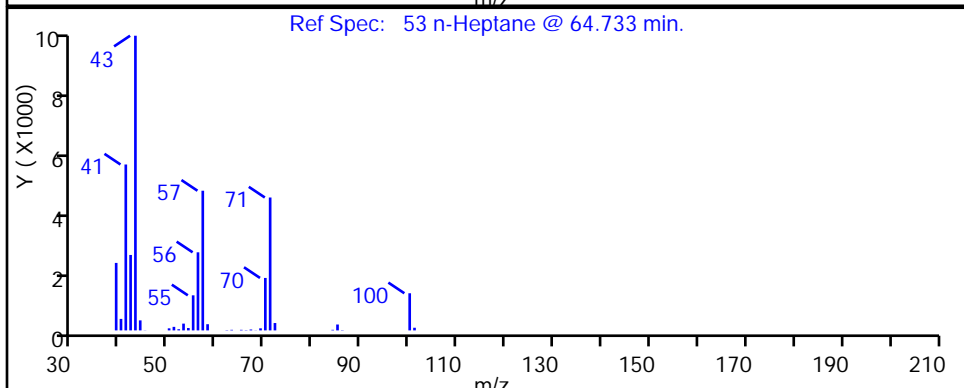
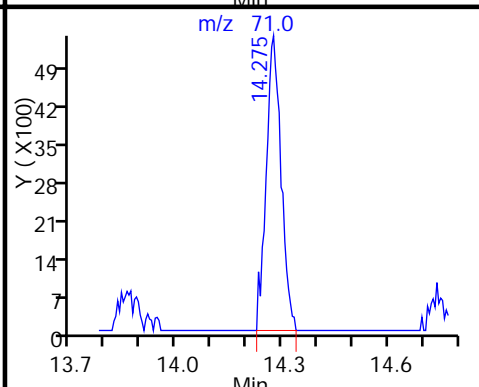
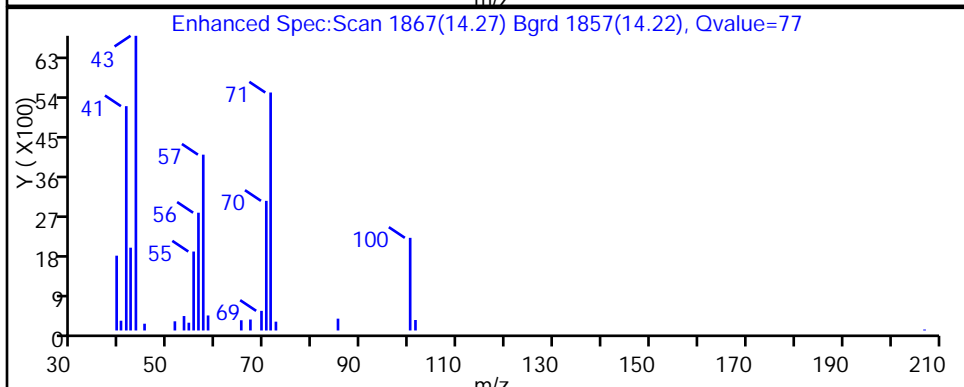
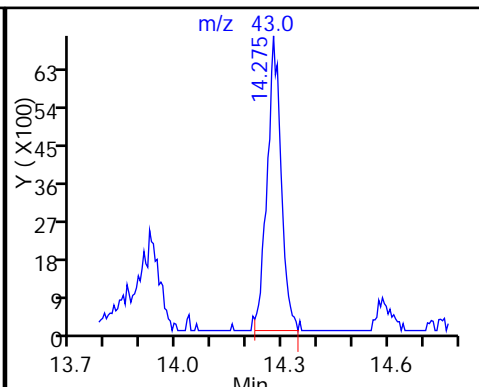
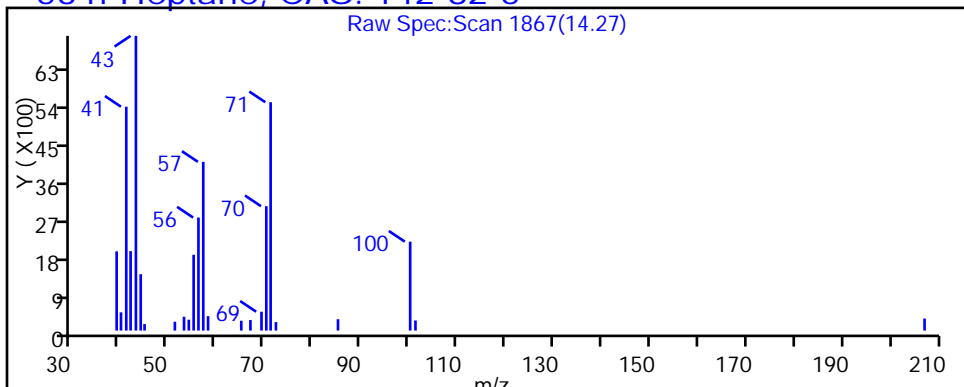
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

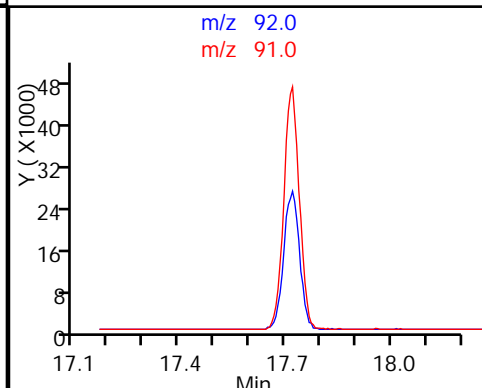
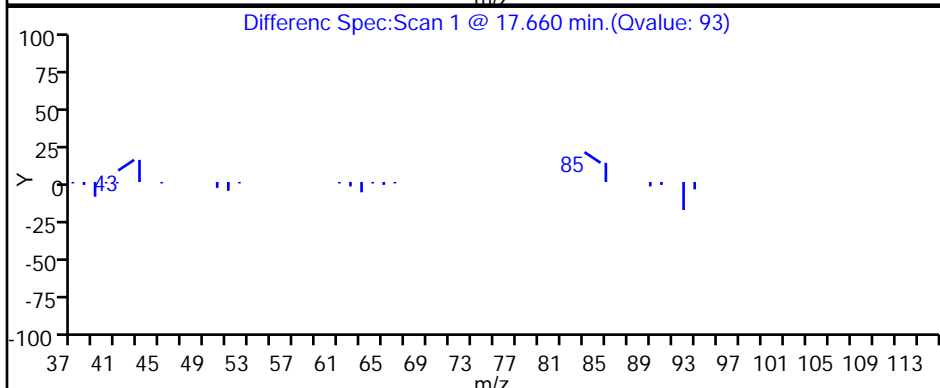
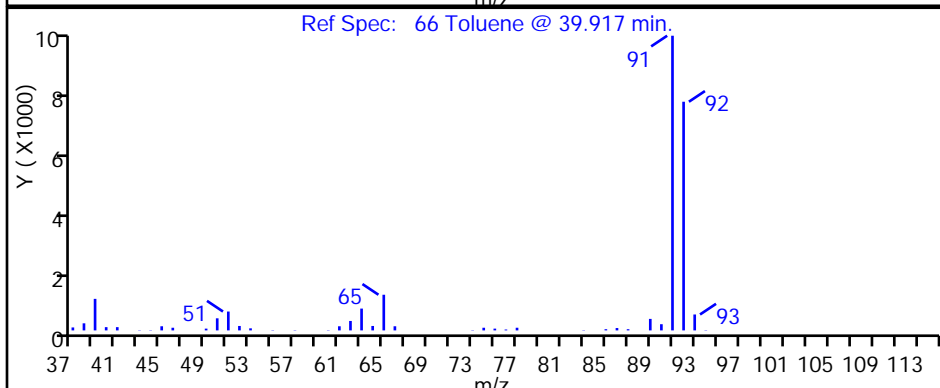
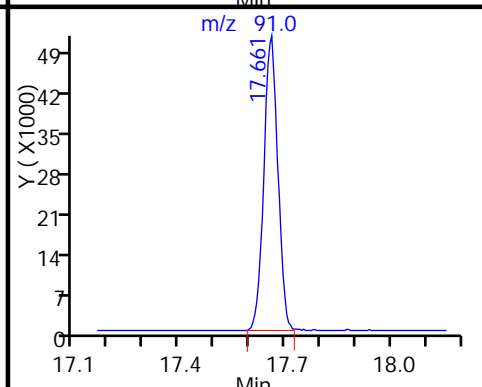
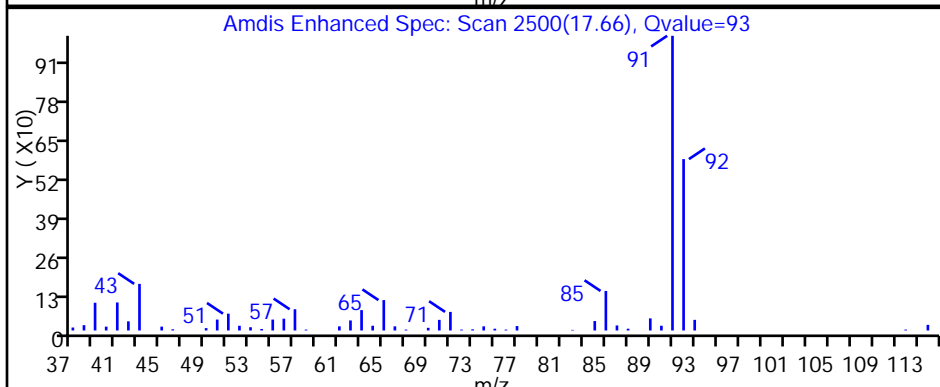
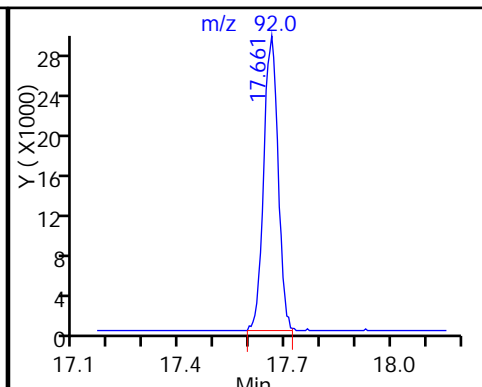
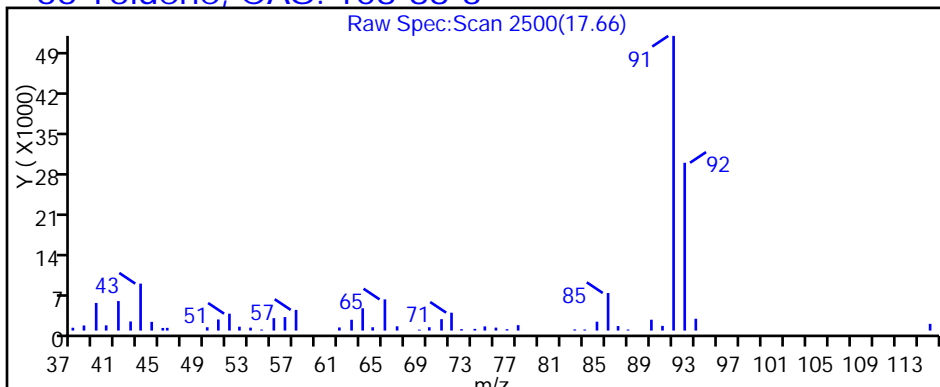
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

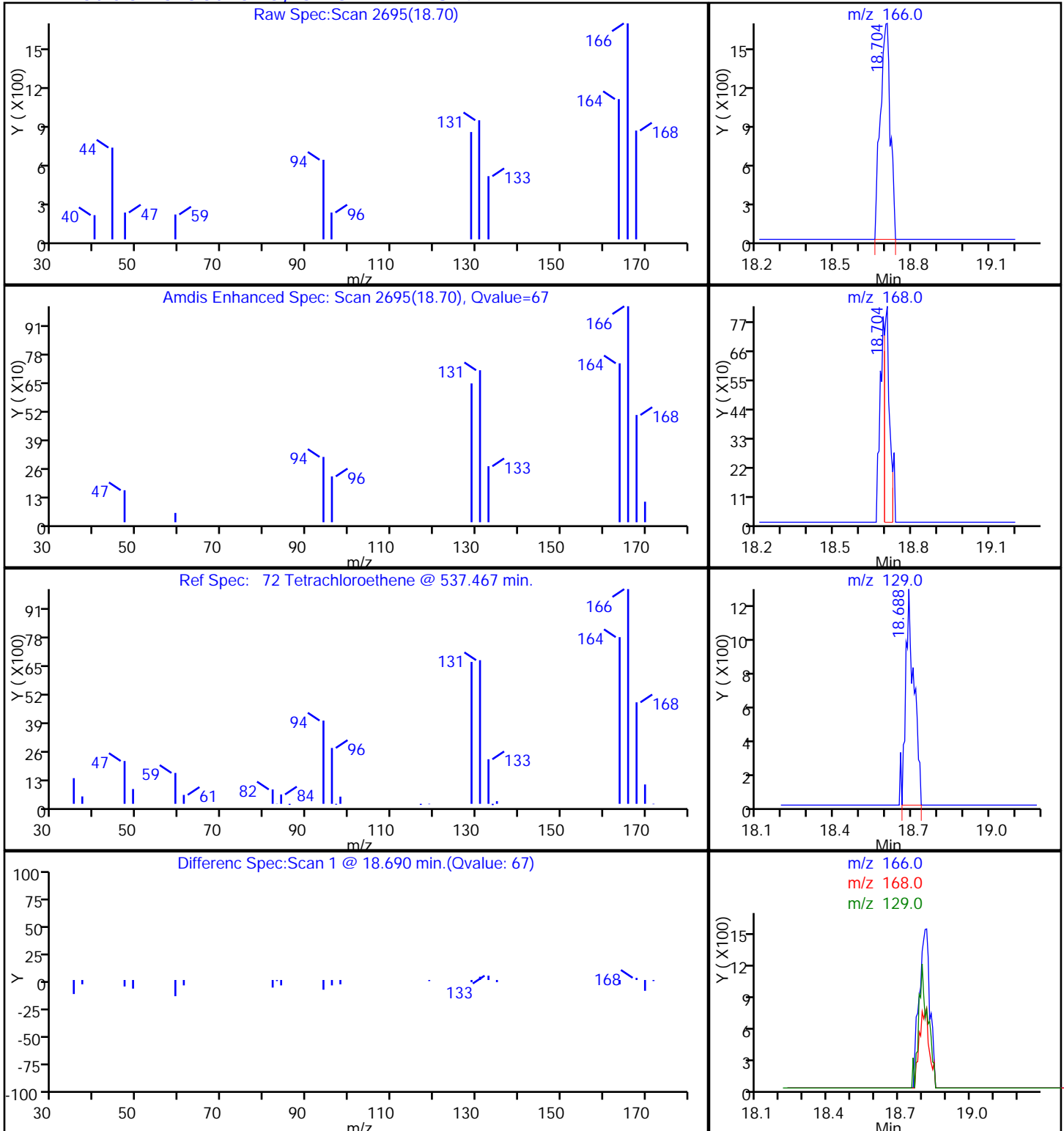
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

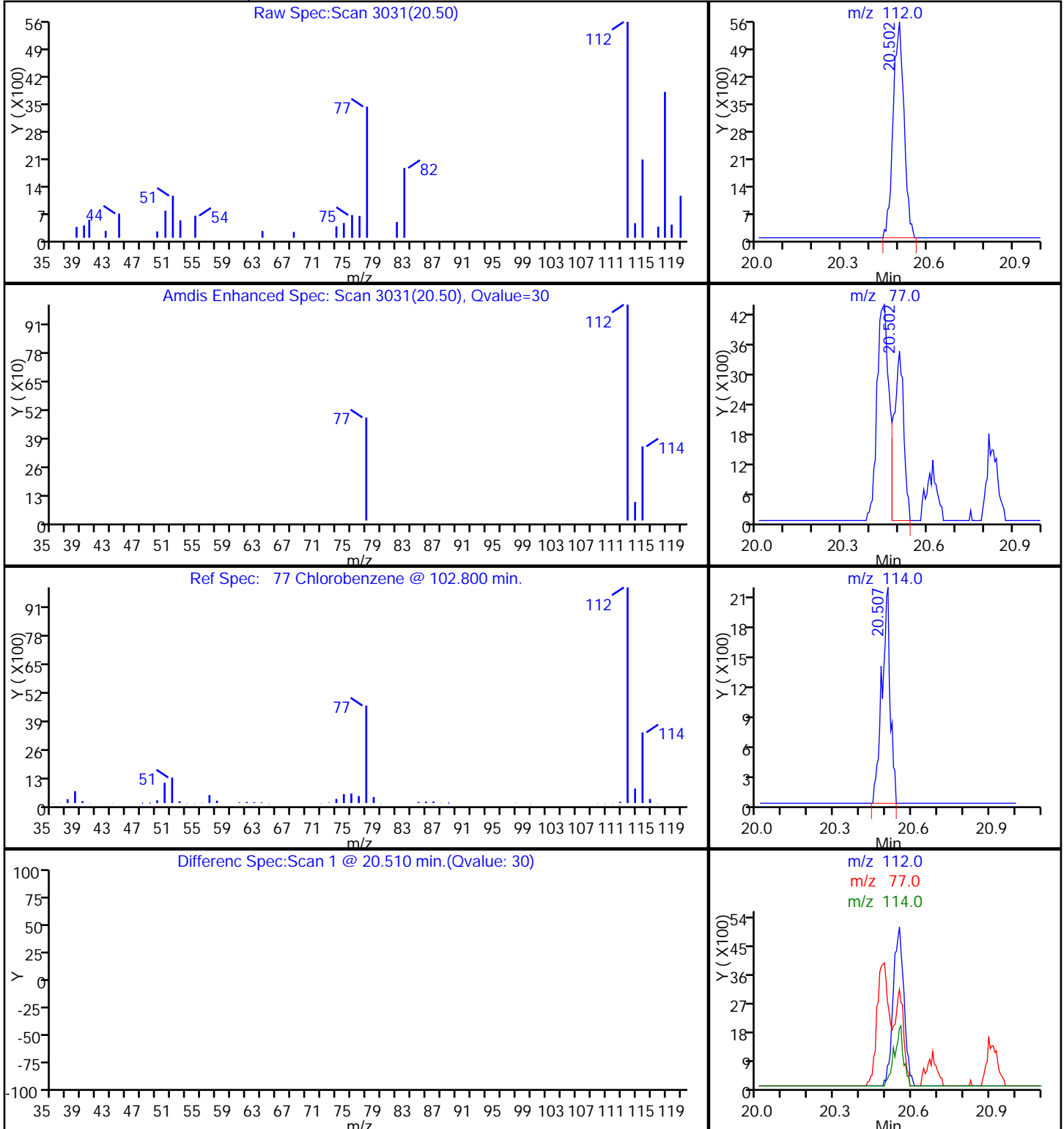
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

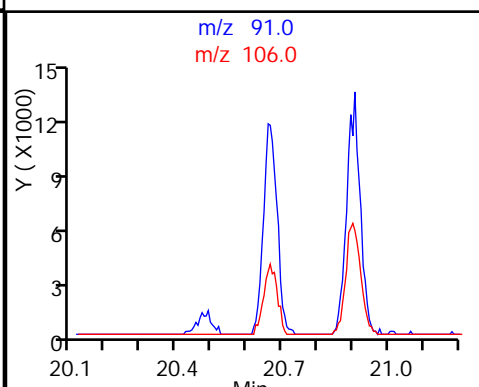
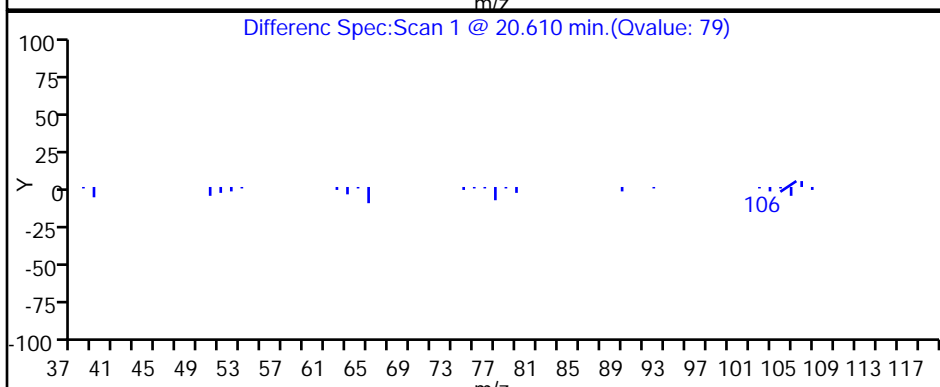
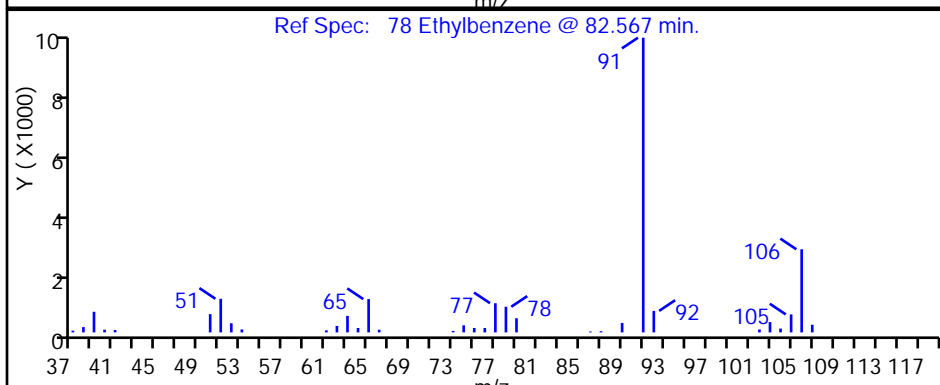
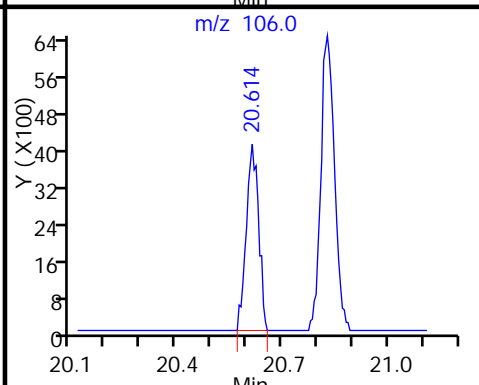
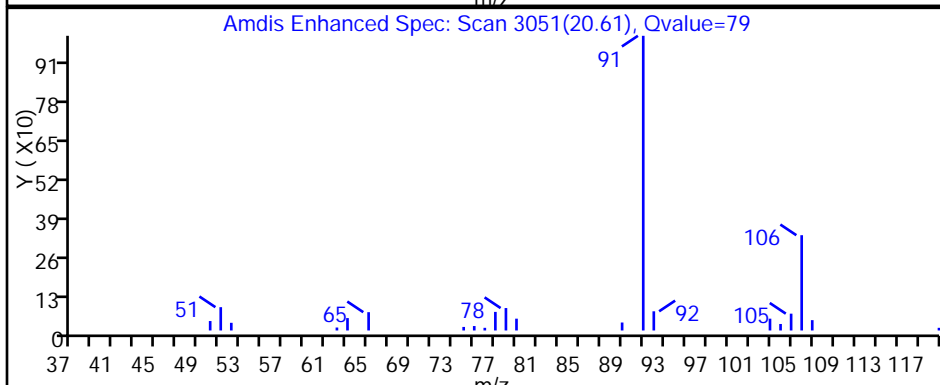
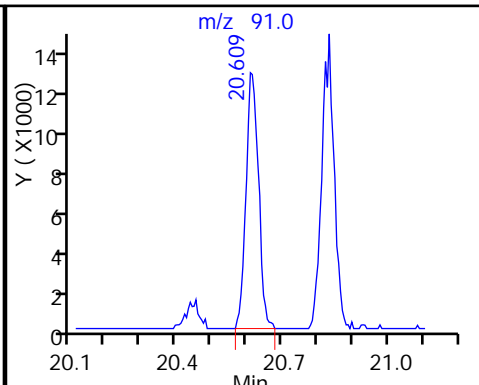
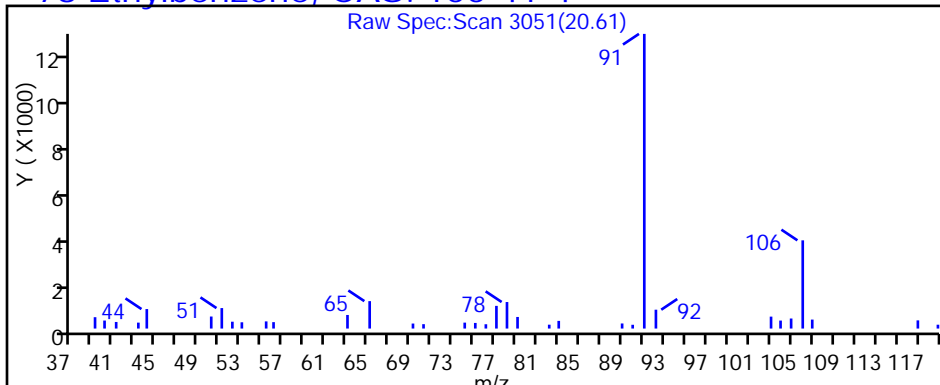
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

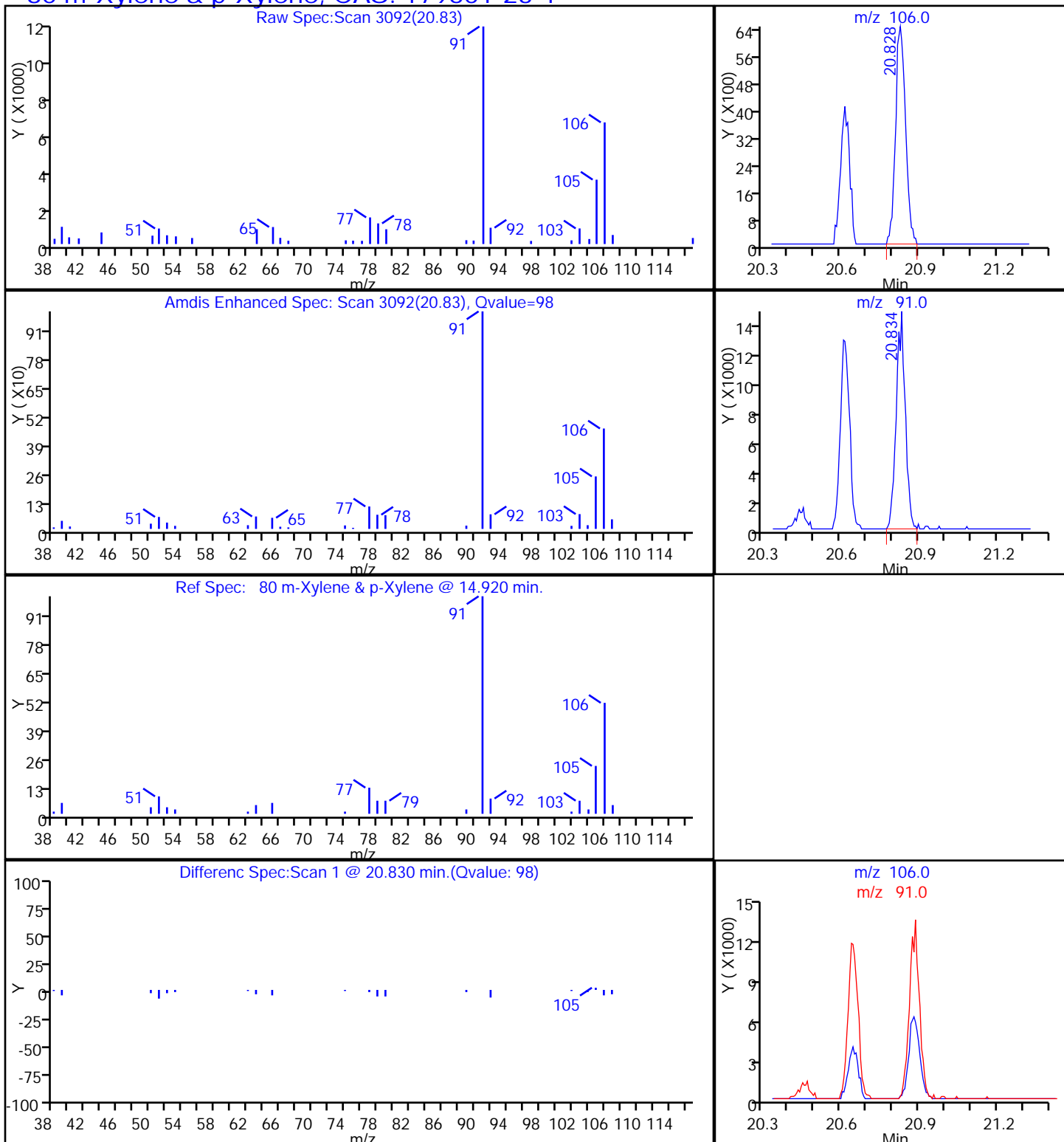
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

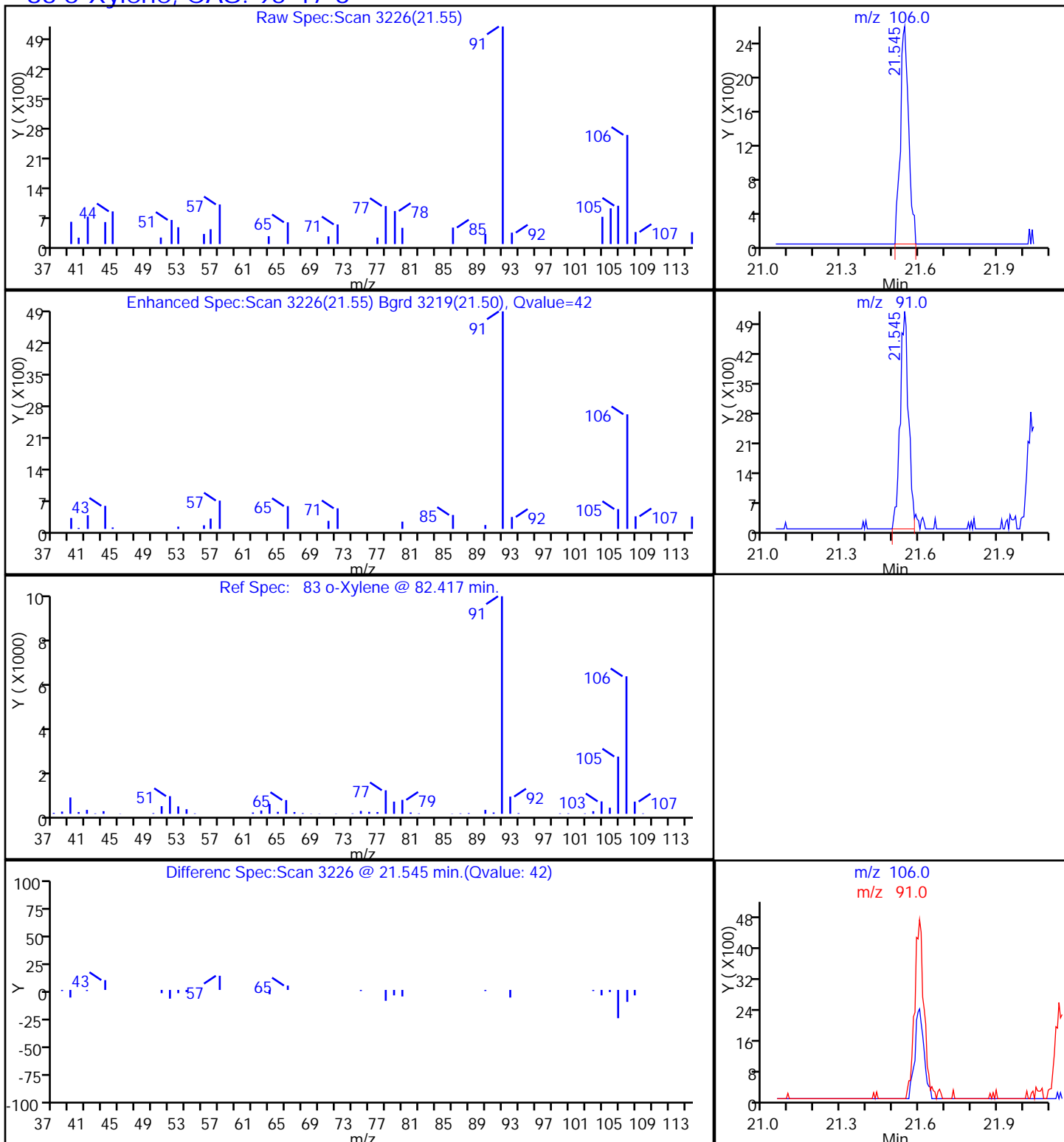
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

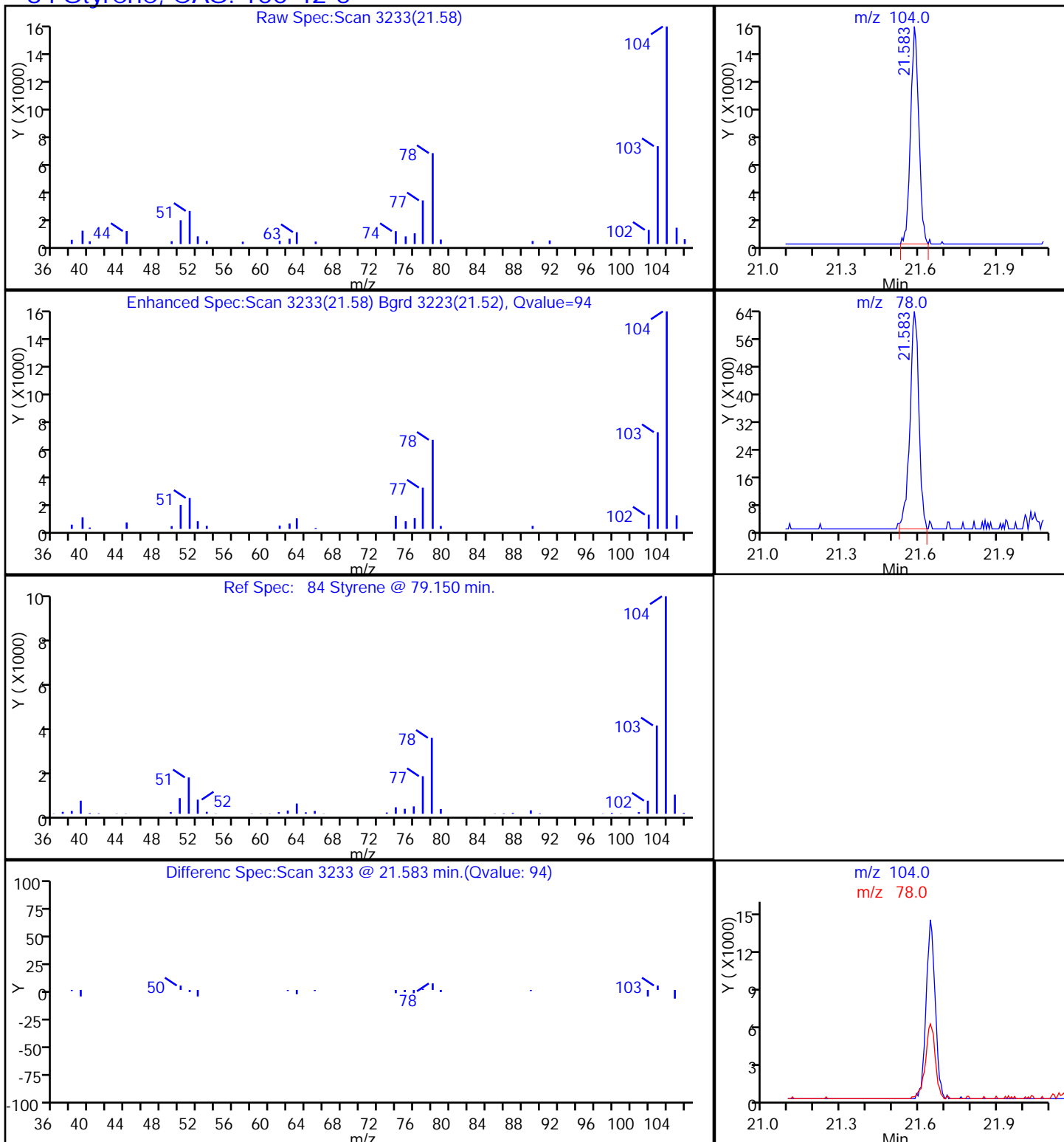
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

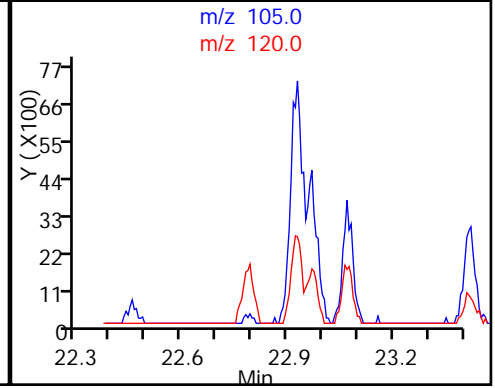
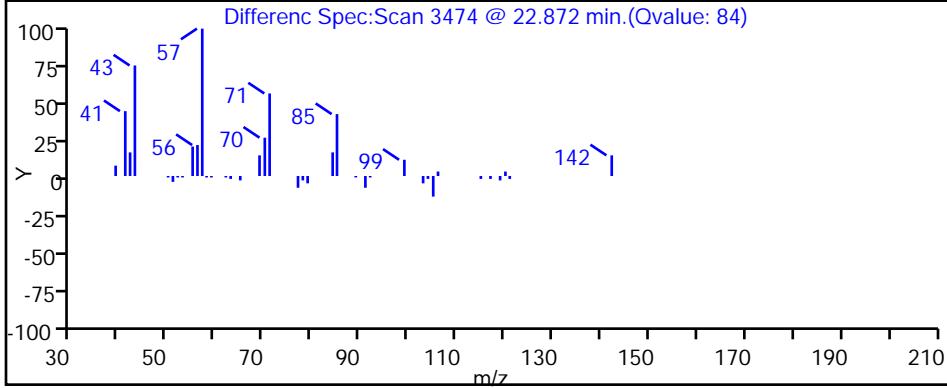
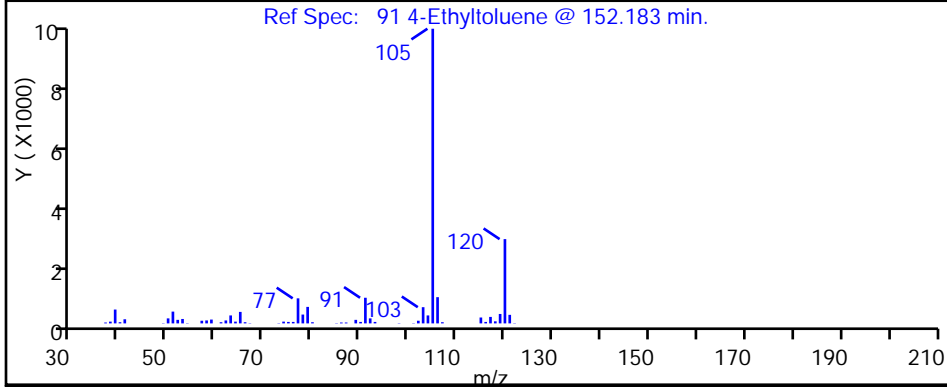
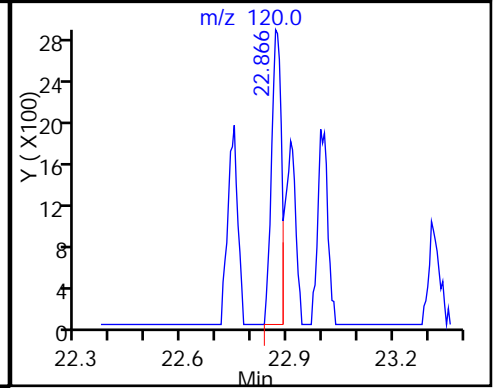
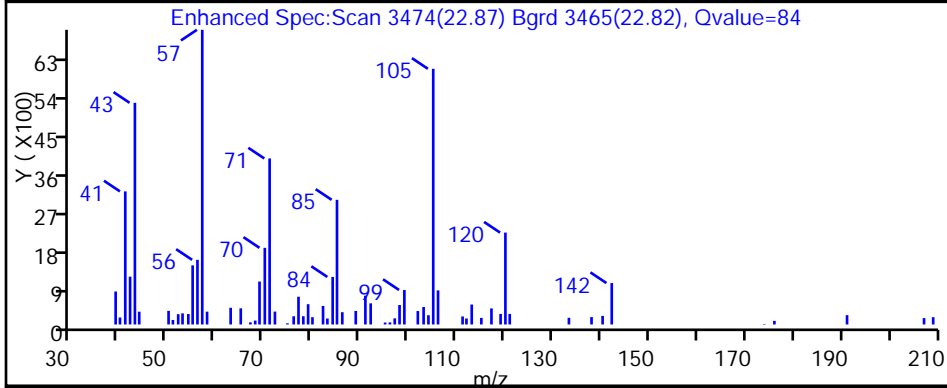
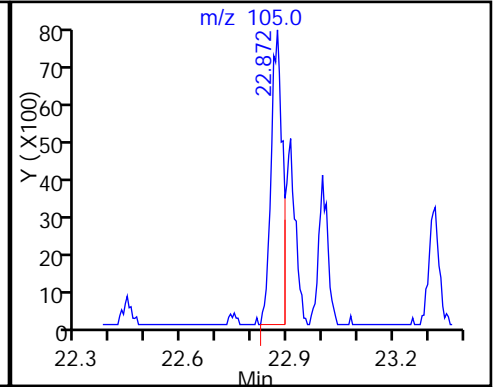
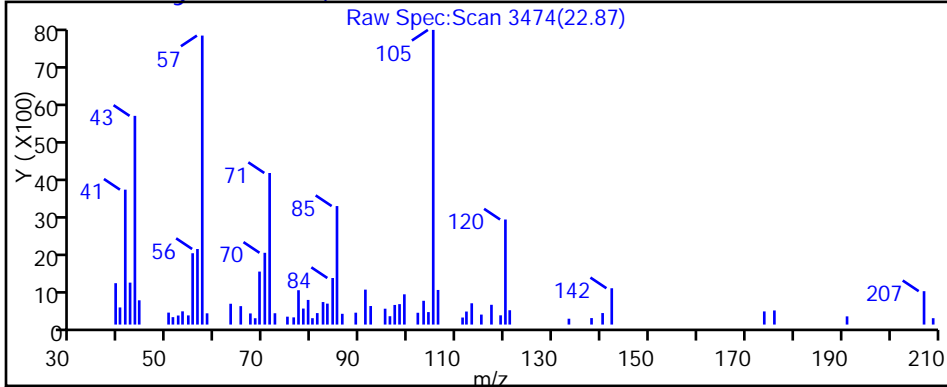
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

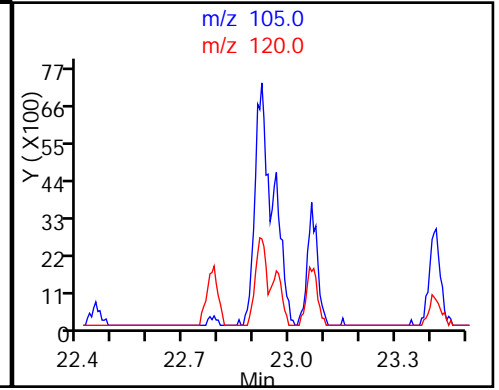
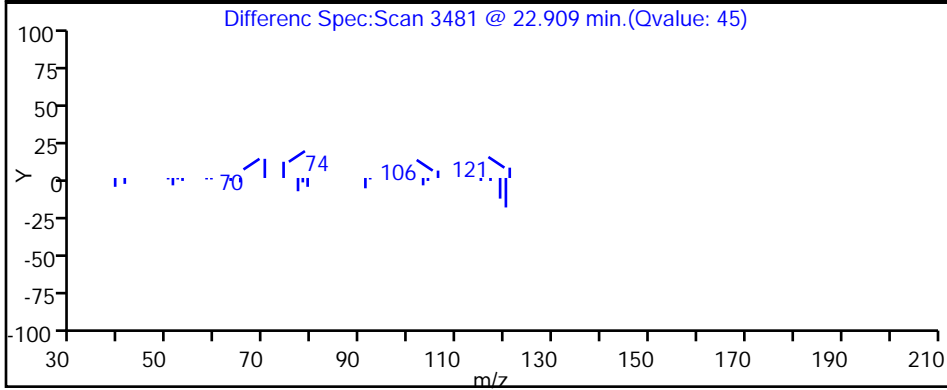
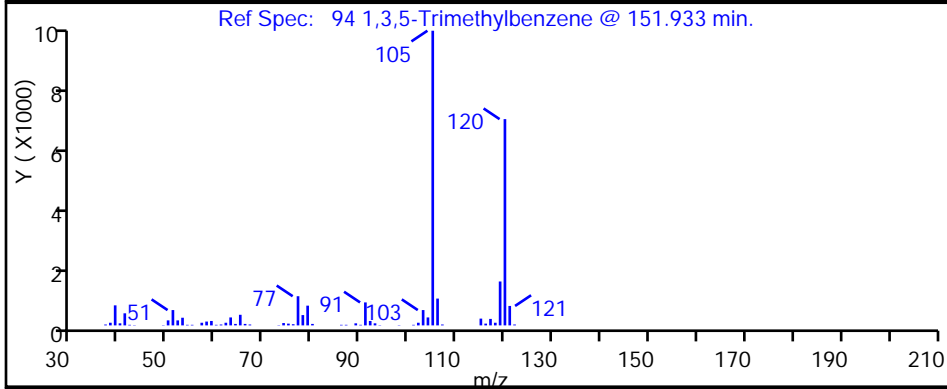
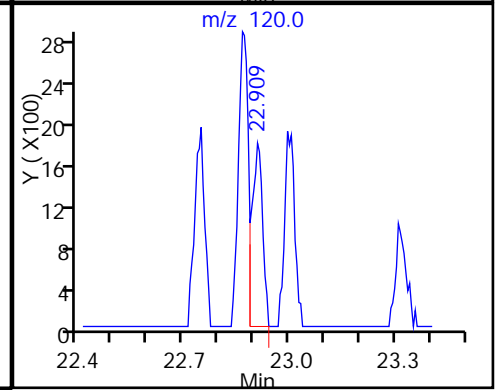
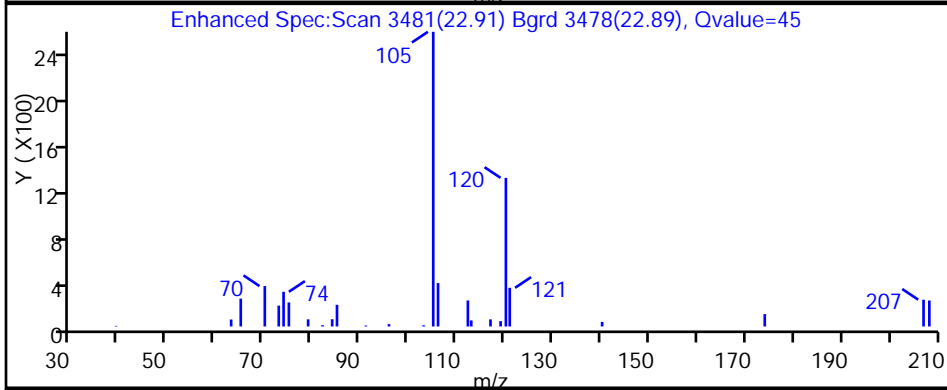
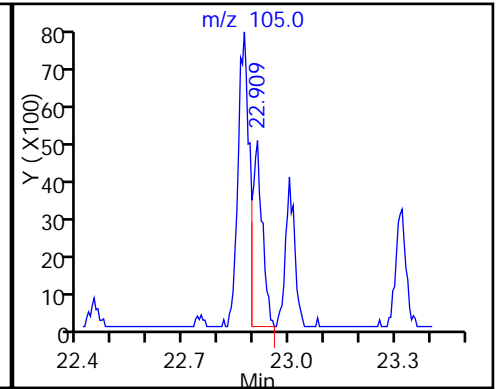
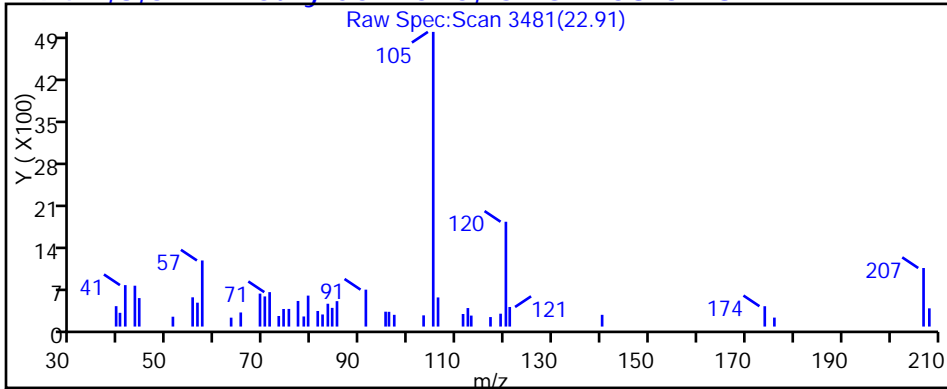
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

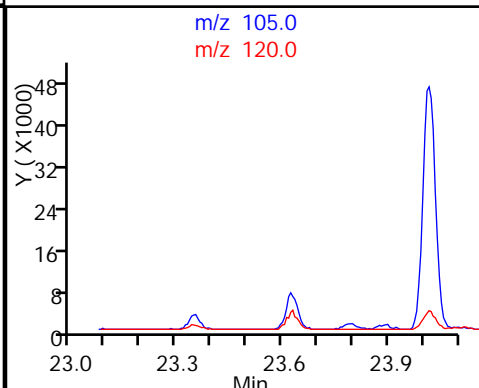
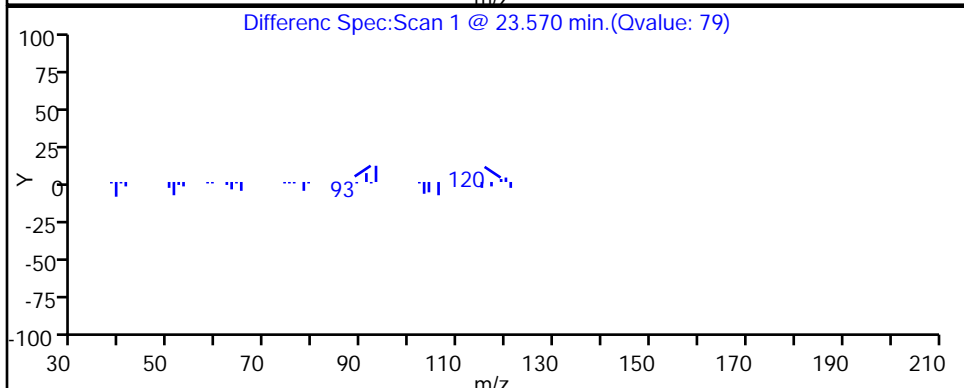
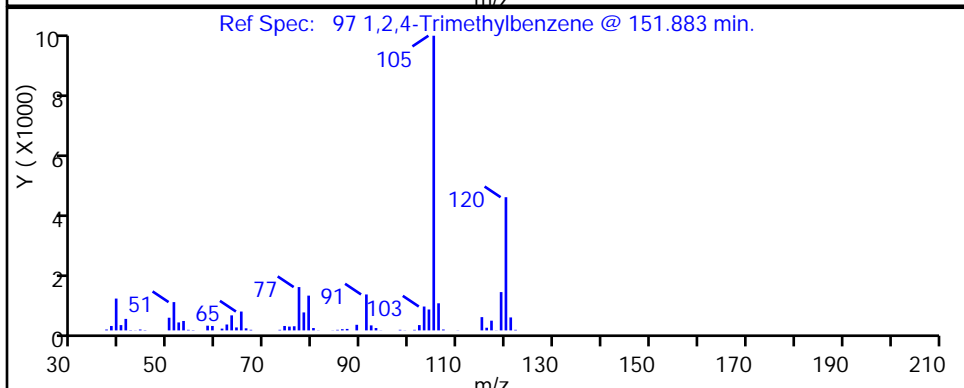
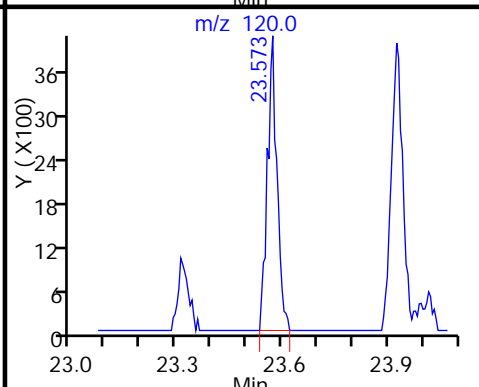
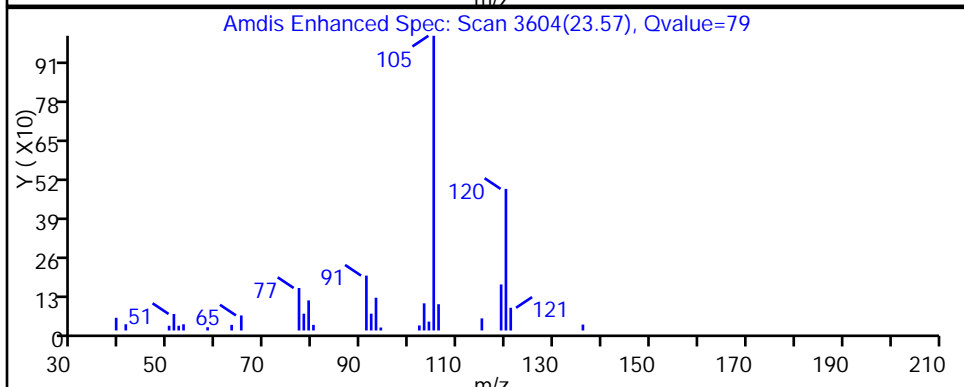
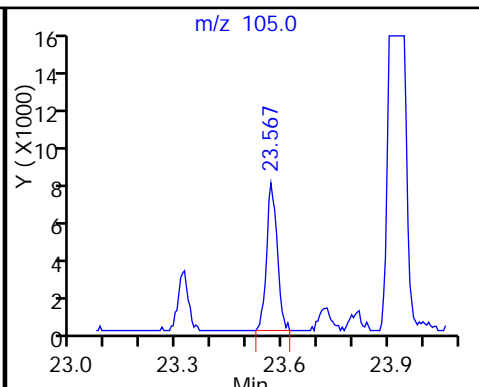
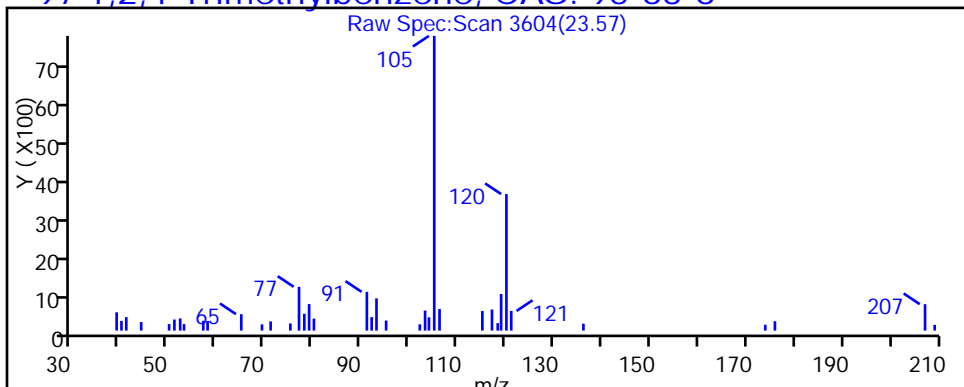
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

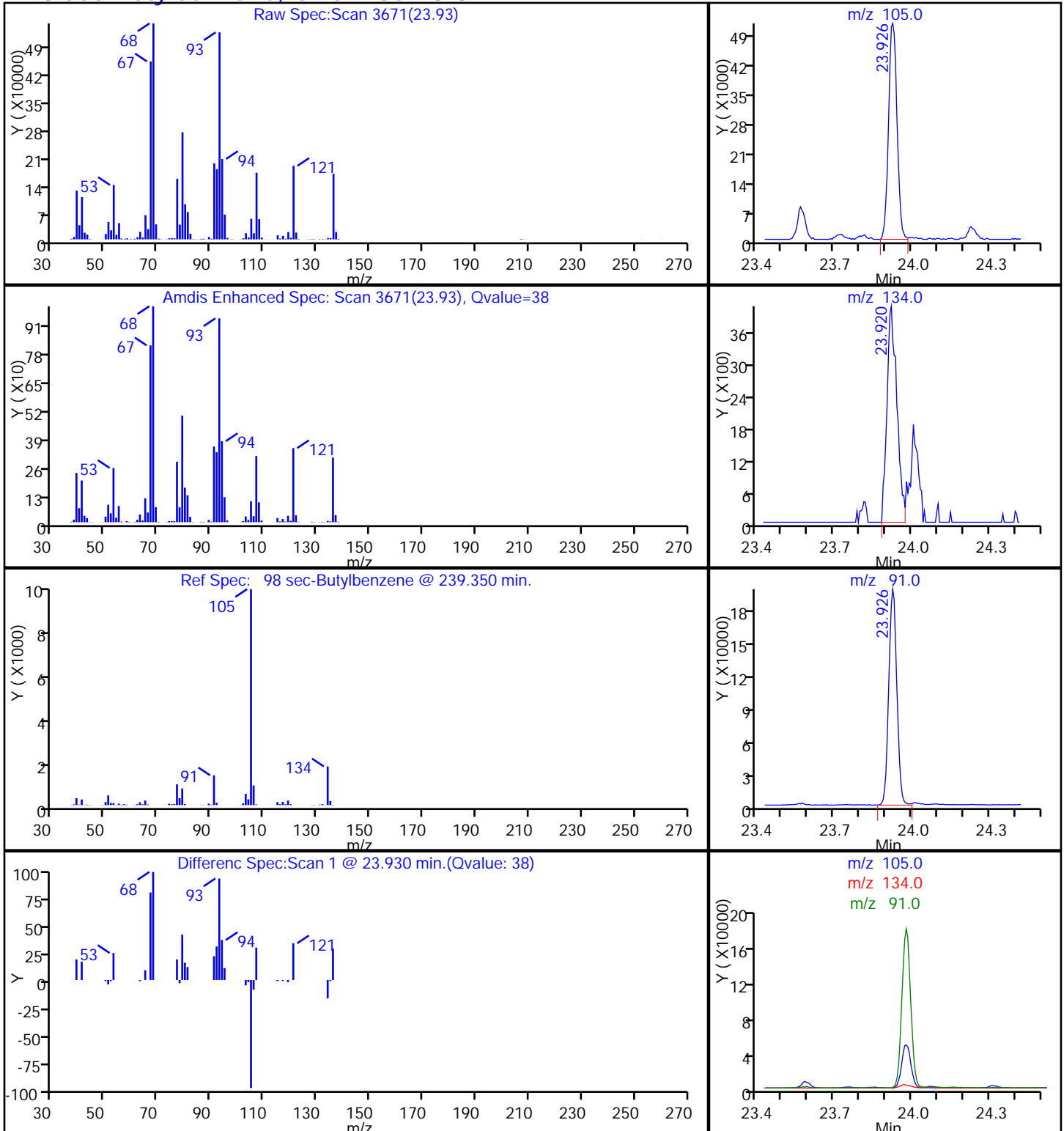
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

98 sec-Butylbenzene, CAS: 135-98-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_015.d

Injection Date: 17-Feb-2014 23:03:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-1

Lab Sample ID: 200-20955-1

Client ID: IA-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

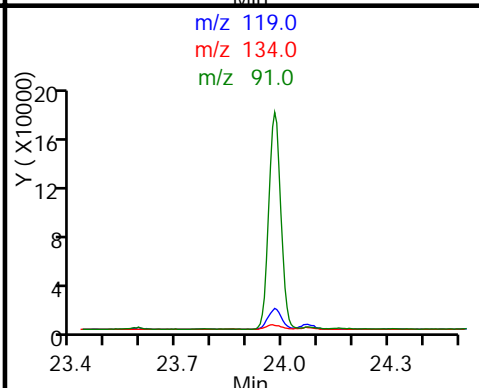
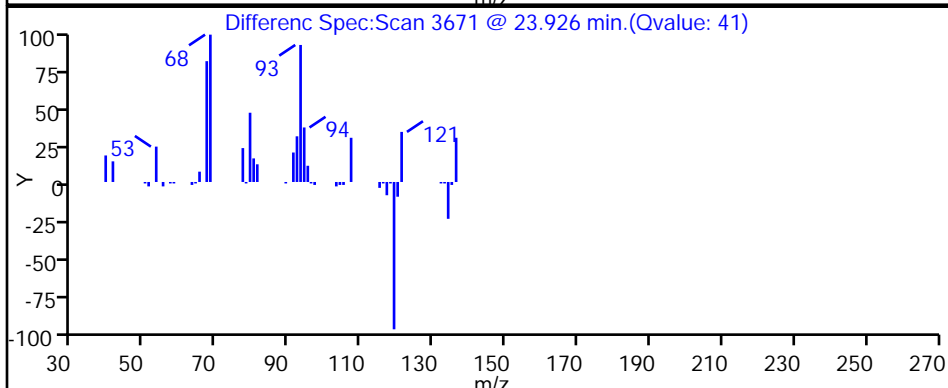
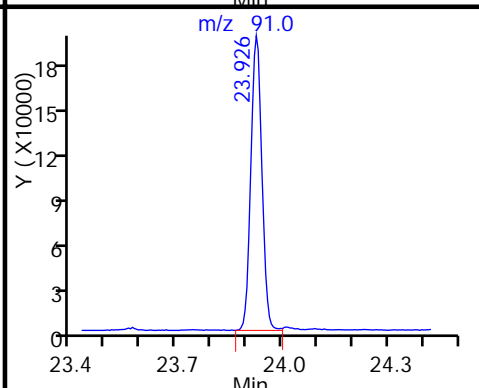
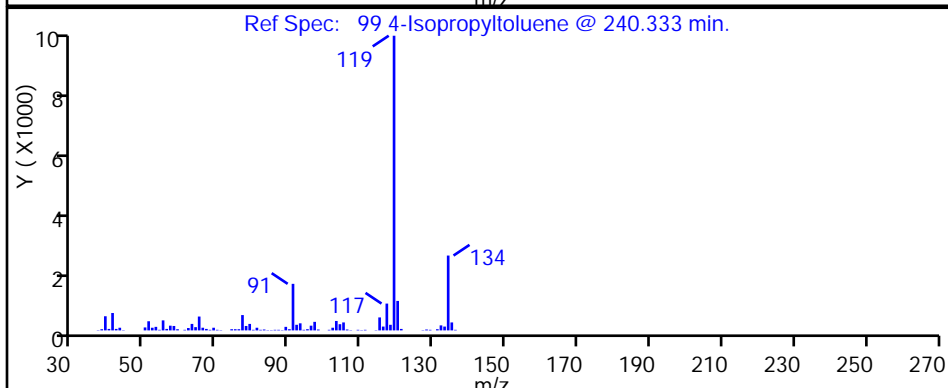
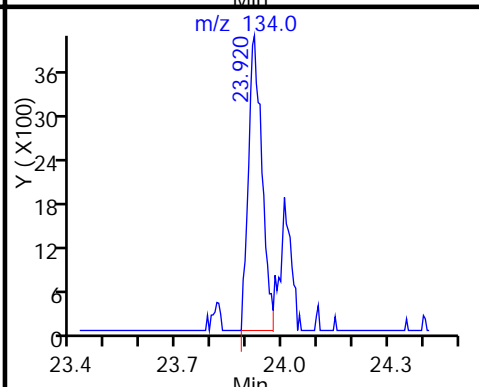
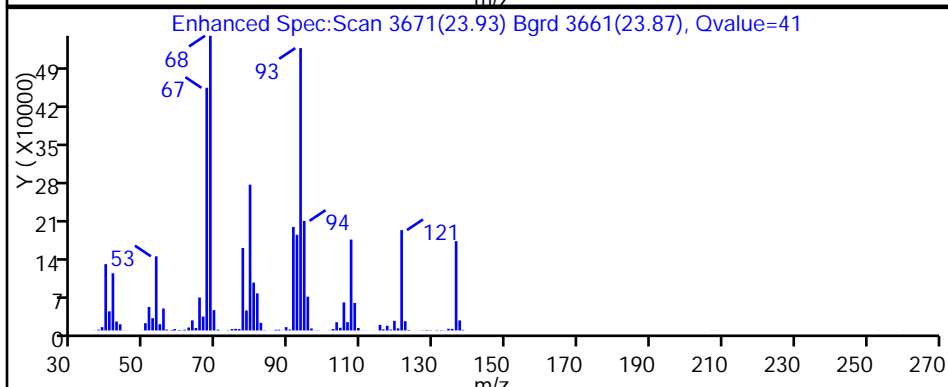
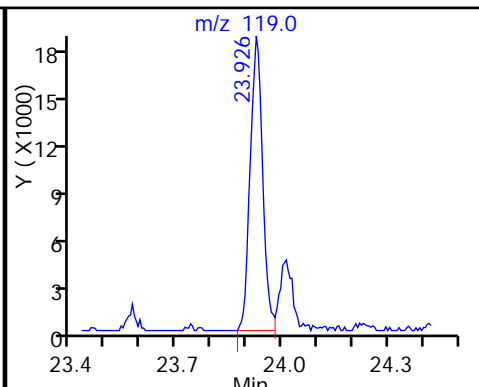
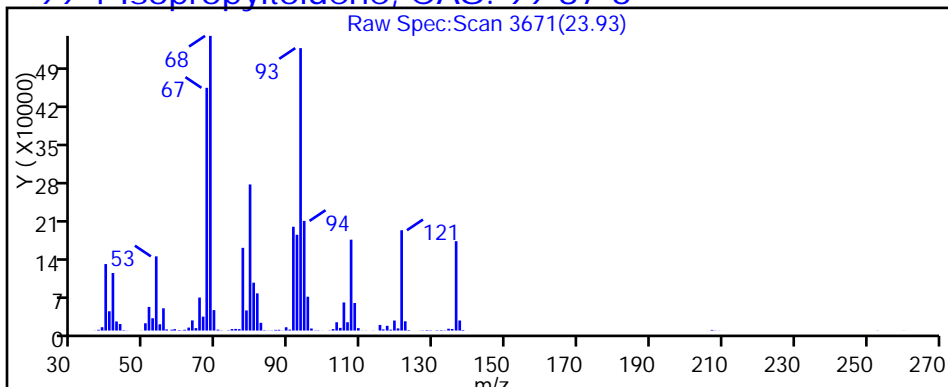
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

99 4-Isopropyltoluene, CAS: 99-87-6



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2B Lab Sample ID: 200-20955-3
 Matrix: Air Lab File ID: 6171_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:24
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 23:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.48	J	0.50	0.030
75-45-6	Freon 22	86.47	10		0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.51		0.50	0.14
106-97-8	n-Butane	58.12	1.1		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.37		0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.43		0.20	0.030
76-13-1	Freon 113	187.38	0.068	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	3.5	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	140	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	1.1		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.52		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	18		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.069		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.31		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2B Lab Sample ID: 200-20955-3
 Matrix: Air Lab File ID: 6171_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:24
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 23:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.68		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.11	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.13	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.11	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.039	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.15	J	0.20	0.034
100-42-5	Styrene	104.15	0.42		0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.050	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.054	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.051	J	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.042	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.090	J	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2B Lab Sample ID: 200-20955-3
 Matrix: Air Lab File ID: 6171_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:24
 Sample wt/vol: 200 (mL) Date Analyzed: 02/17/2014 23:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2B Lab Sample ID: 200-20955-3
 Matrix: Air Lab File ID: 6171_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:24
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 23:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.4	J	2.5	0.15
75-45-6	Freon 22	86.47	36		1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.1		1.0	0.28
106-97-8	n-Butane	58.12	2.5		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.81		0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	2.4		1.1	0.17
76-13-1	Freon 113	187.38	0.52	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	8.4	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	340	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	3.8		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.71		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	64		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.43		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.98		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2B Lab Sample ID: 200-20955-3
 Matrix: Air Lab File ID: 6171_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:24
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 23:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	2.5		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.51	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.56	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.46	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.17	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.65	J	0.87	0.15
100-42-5	Styrene	104.15	1.8		0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.25	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.27	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	0.26	J	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	0.49	J	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2B Lab Sample ID: 200-20955-3
 Matrix: Air Lab File ID: 6171_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:24
 Sample wt/vol: 200 (mL) Date Analyzed: 02/17/2014 23:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d
 Lims ID: 200-20955-A-3 Lab Sample ID: 200-20955-3
 Client ID: IA-VMP-2B
 Sample Type: Client
 Inject. Date: 17-Feb-2014 23:52:30 ALS Bottle#: 14 Worklist Smp#: 16
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-016
 Misc. Info.: 200-20955-A-3
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:48:25 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.506	4.474	0.032	83	83021	0.4841	
6 Chlorodifluoromethane	51	4.431	4.538	-0.107	35	656064	10.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50	5.046	5.020	0.026	93	15191	0.5146	
9 Butane	43	5.314	5.287	0.027	94	51167	1.07	
10 Vinyl chloride	62		5.341					
11 Butadiene	54	5.469	5.442	0.027	86	9568	0.3662	
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.224	7.192	0.032	94	82485	0.4291	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.465	8.438	0.027	79	8191	0.0681	
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.786	8.749	0.038	87	192473	3.54	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.107	9.027	0.080	97	6287771	137.8	E
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.749	9.733	0.016	79	41334	1.09	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.674	10.648	0.026	80	10578	0.2016	
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72	12.413	12.392	0.021	100	12022	0.5215	
44 Tetrahydrofuran	42		12.852					
* 43 Chlorobromomethane	128	12.868	12.852	0.016	69	374943	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.274	13.258	0.016	83	1198701	18.5	
47 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117	13.542	13.531	0.011	64	11721	0.0691	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	51		57		13.927		
	50		78	13.991	13.986	0.005	93 47324 0.3052
	52		62		14.141		
	53		43		14.275		
*	54		114	14.751	14.746	0.005	93 1779240 10.0
	56		95		15.206		
	58		63		15.730		
	59		69		15.810		
	60		88		15.901		
	62		83		16.222		
	64		75		17.083		
	65		43		17.319		
	66		92	17.672	17.661	0.011	94 78068 0.6754
	70		75		18.191		
	71		83		18.560		
	72		166		18.694		
	73		43		18.950		
	74		129		19.314		
	75		107		19.598		
S	82		106			0	0.1440 7
*	76		117	20.448	20.443	0.005	83 1593871 10.0
	77		112	20.507	20.496	0.011	49 21319 0.1103
	78		91	20.619	20.614	0.005	89 34873 0.1291
	80		106	20.833	20.833	0.0	98 11437 0.1050
	83		106	21.550	21.545	0.005	46 4010 0.0390
	84		104	21.588	21.582	0.006	96 64689 0.4241
	85		173		21.962		
\$	87		95	22.444	22.444	0.0	97 1080671 NC
	88		83		22.668		
	90		91		22.743		
	91		105	22.872	22.909	-0.037	89 17630 0.0501
	92		91	22.743	22.941	-0.198	6 15726 0.0511
	94		105	22.872	23.000	-0.128	77 17630 0.0541
	96		119		23.476		
	97		105	23.572	23.573	-0.001	76 12934 0.0416
	98		105	23.931	23.808	0.123	39 38333 0.0895
	99		119		24.011		
	100		146		24.081		
	101		146		24.225		
	102		91		24.434		
	103		91		24.653		
	105		146		24.830		
	107		180		27.724		
	108		225		27.927		
	109		128		28.312		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Worklist Smp#: 16

Client ID: IA-VMP-2B

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

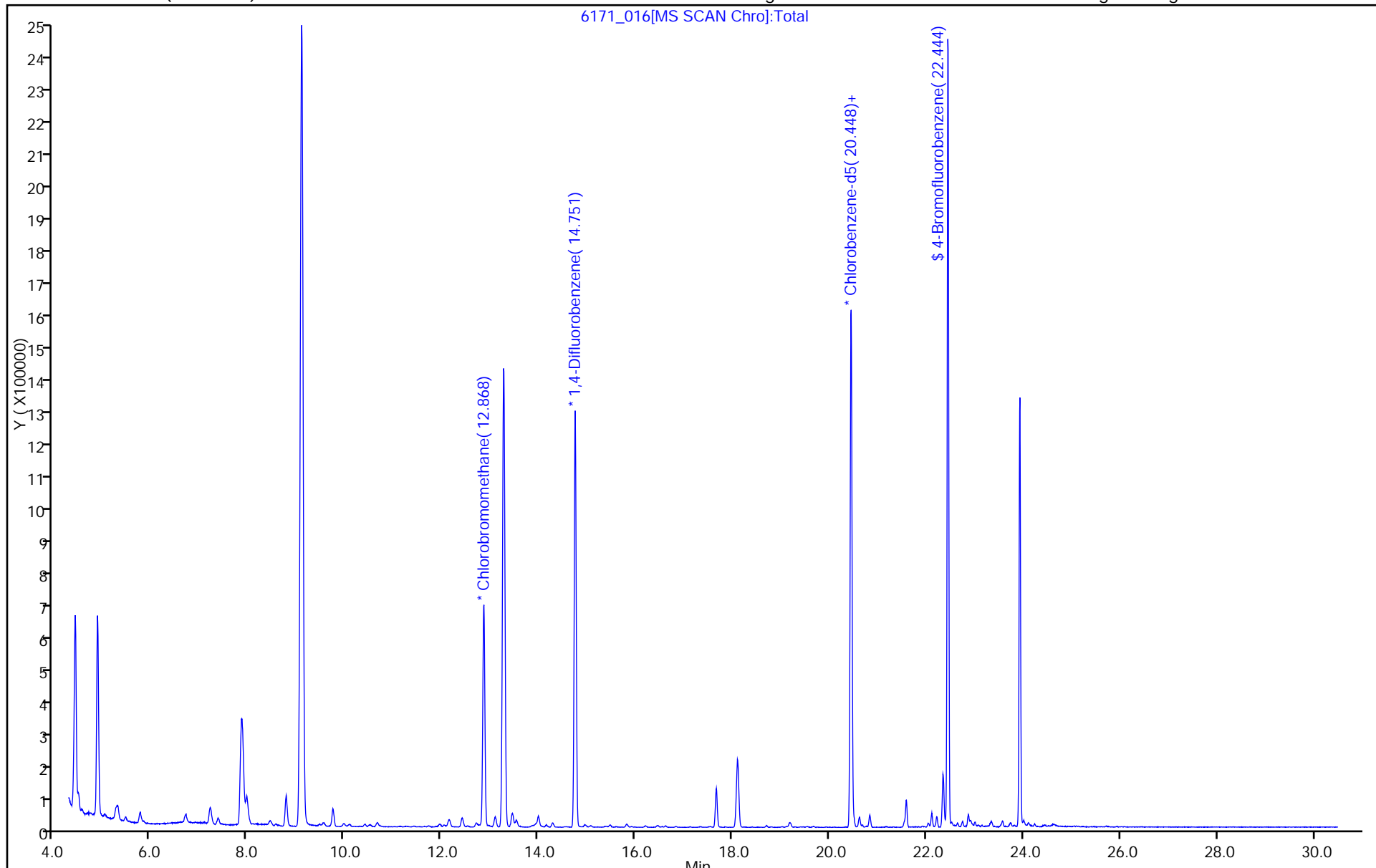
ALS Bottle#: 14

Method: TO15_LL NJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

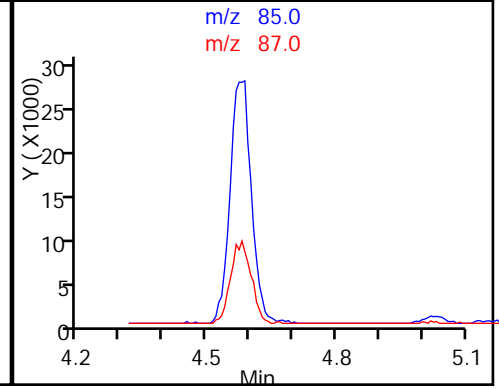
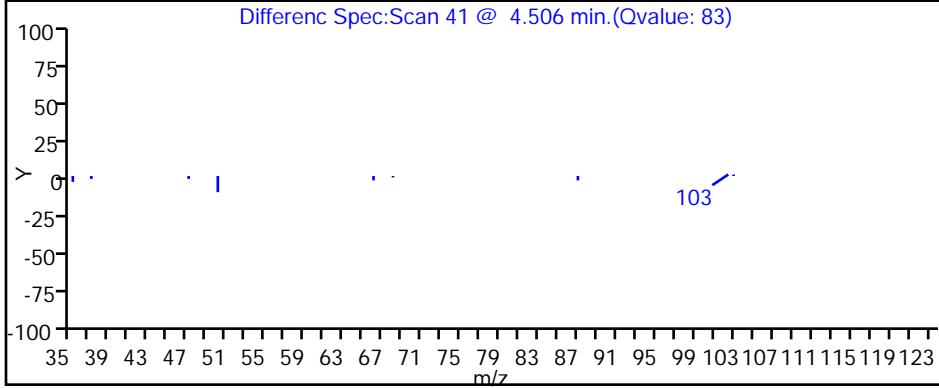
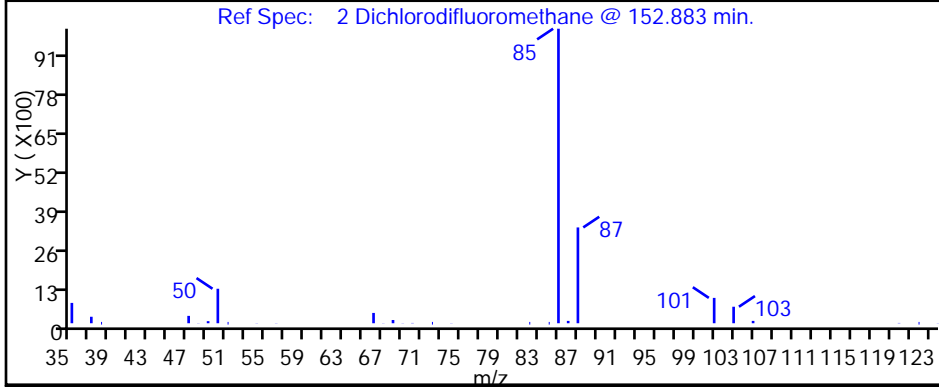
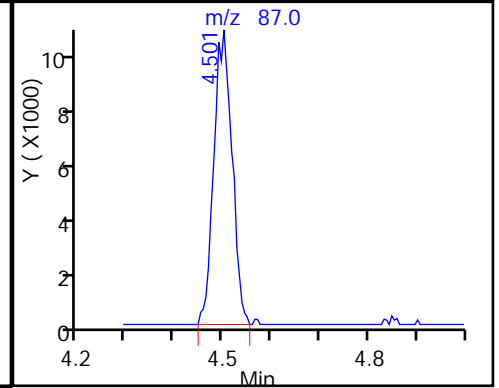
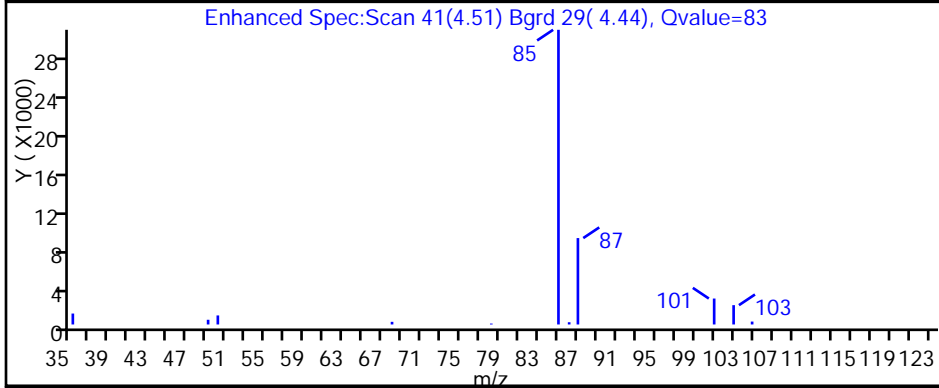
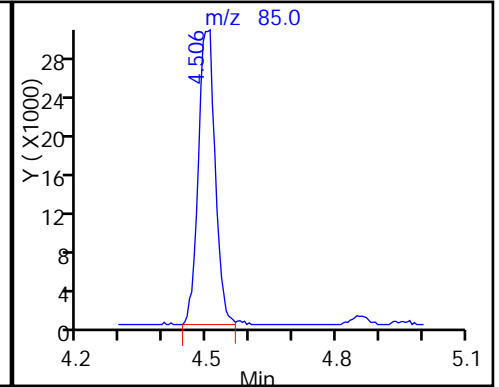
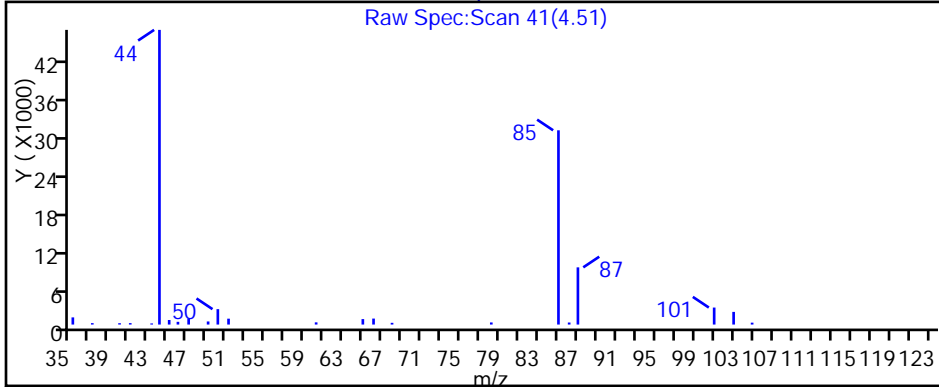
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

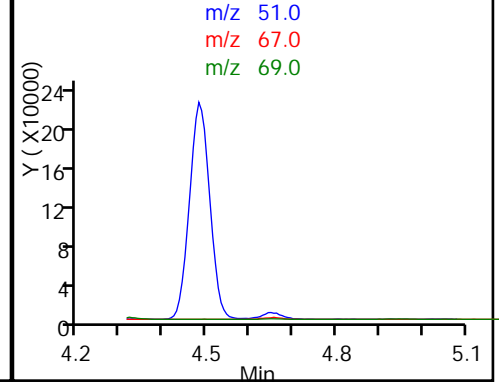
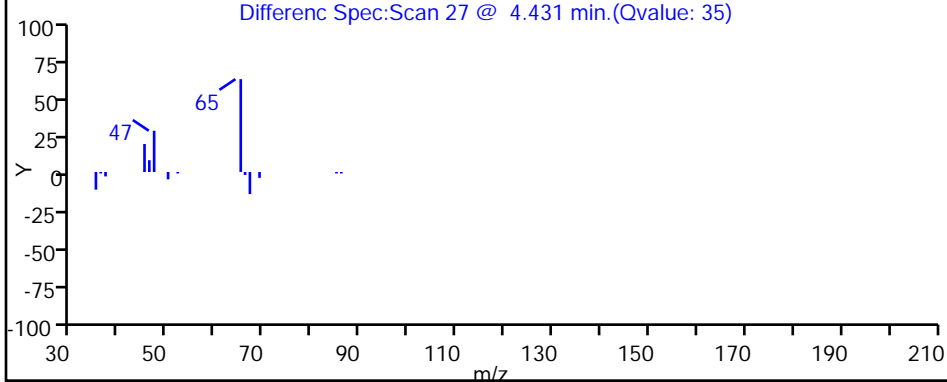
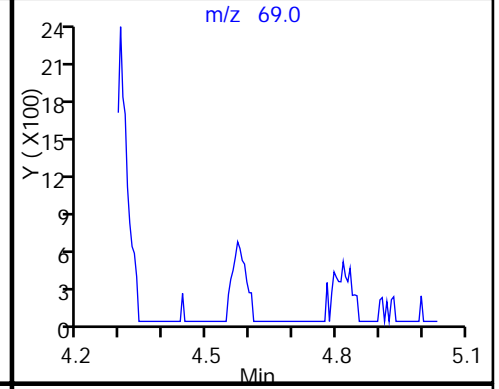
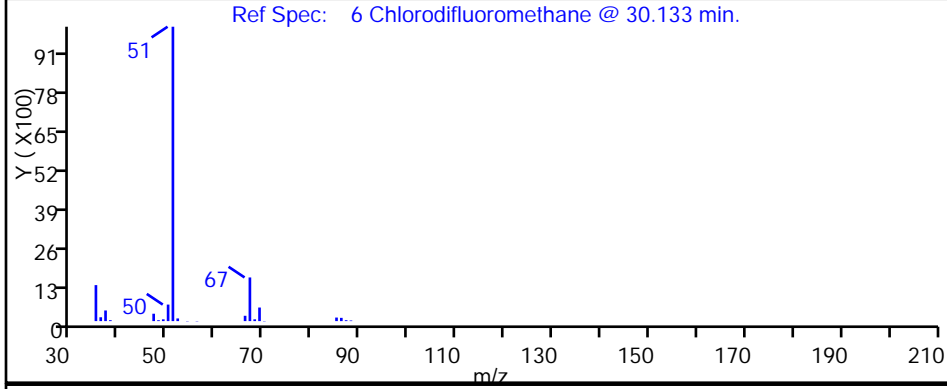
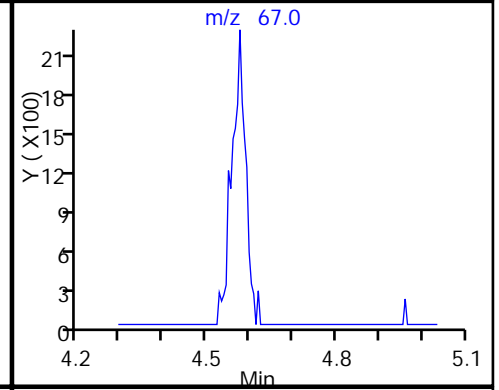
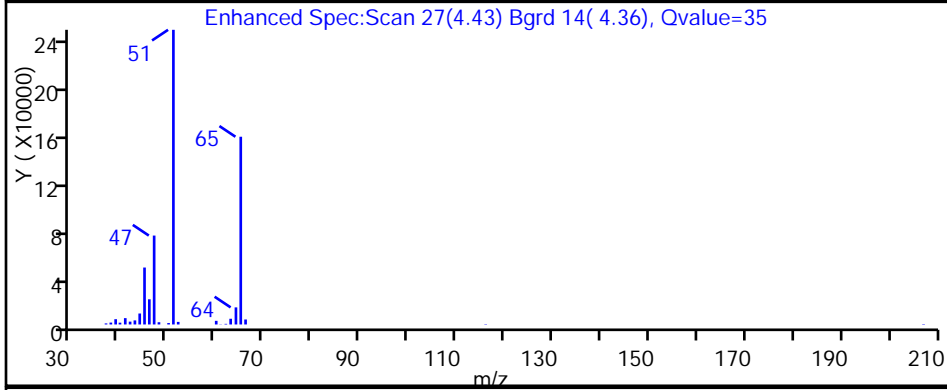
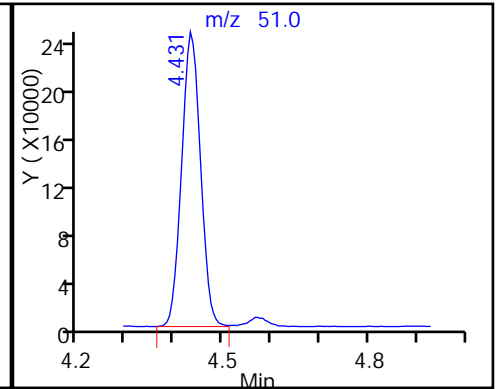
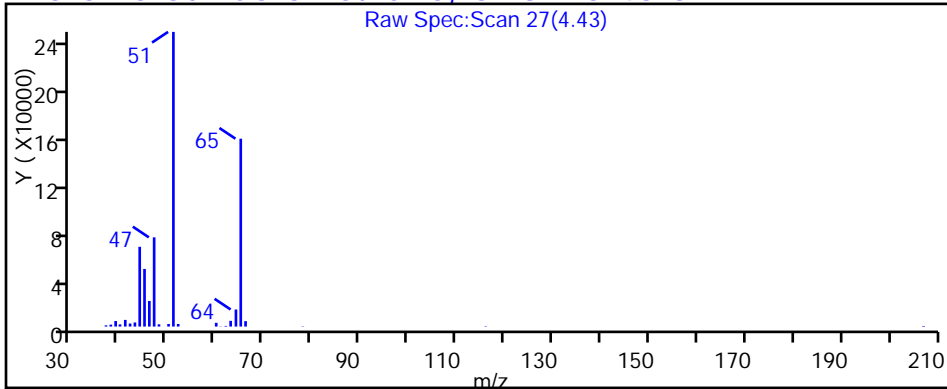
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

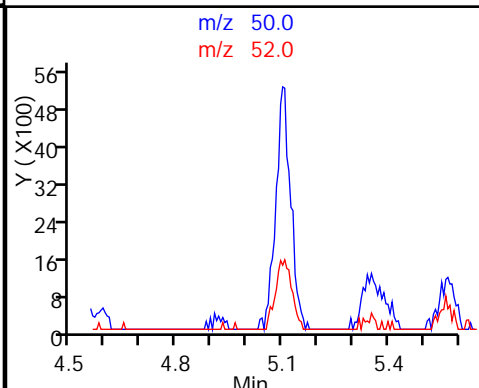
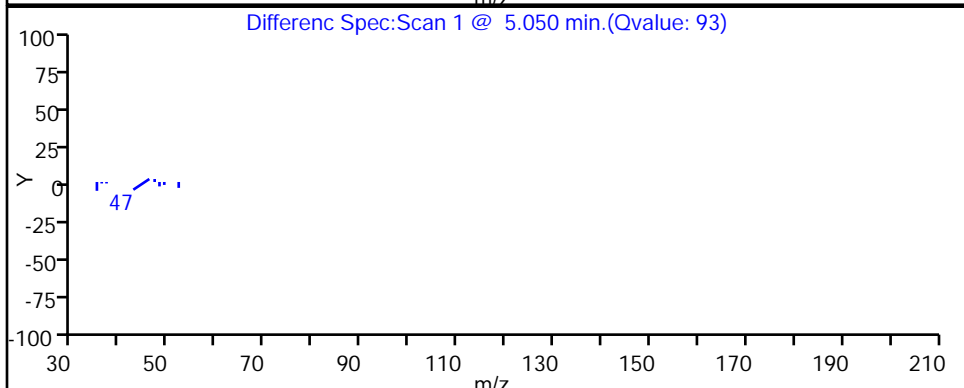
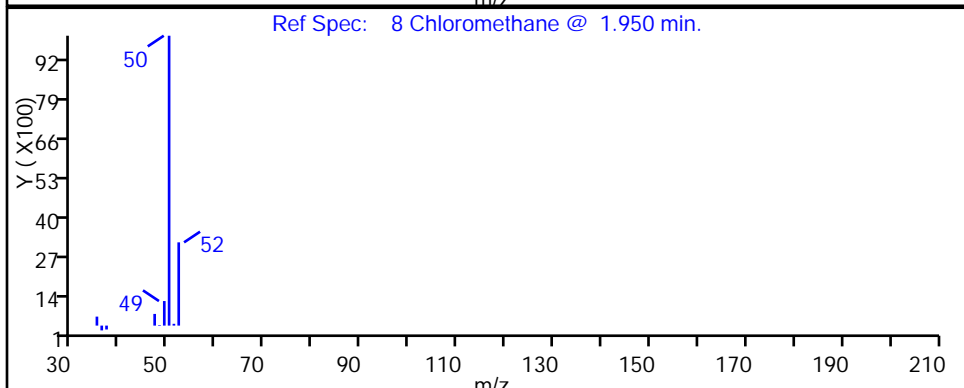
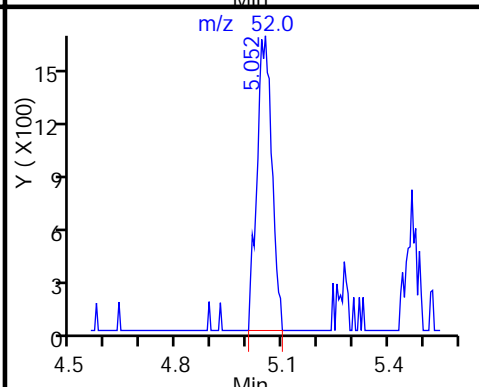
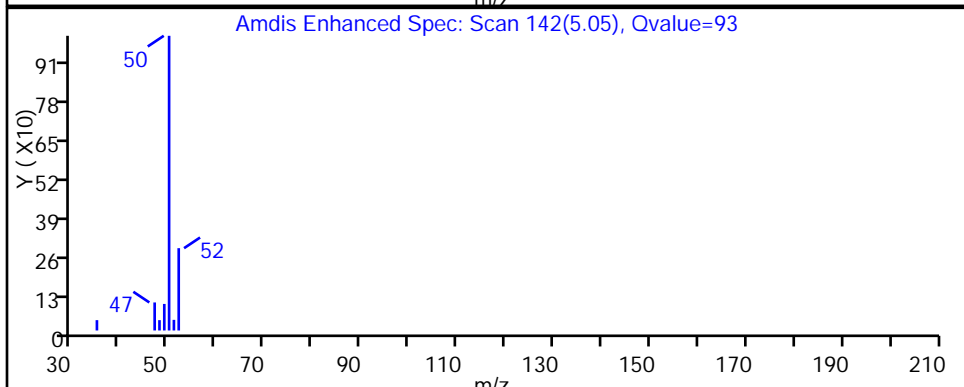
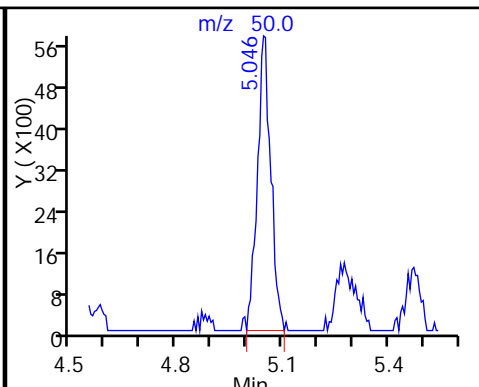
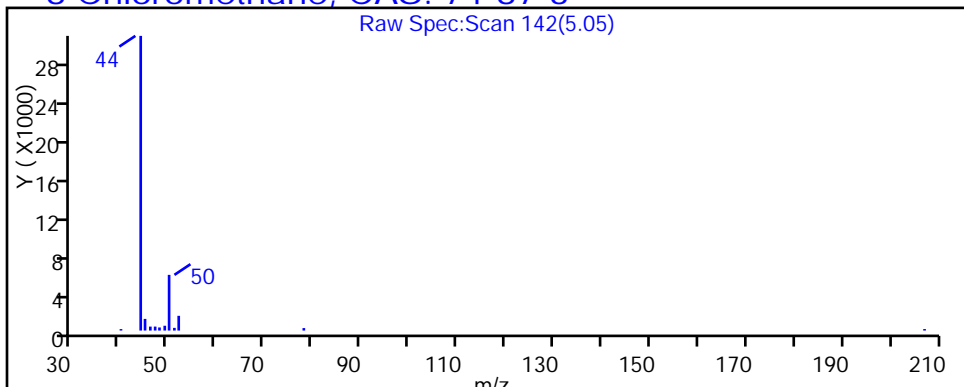
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

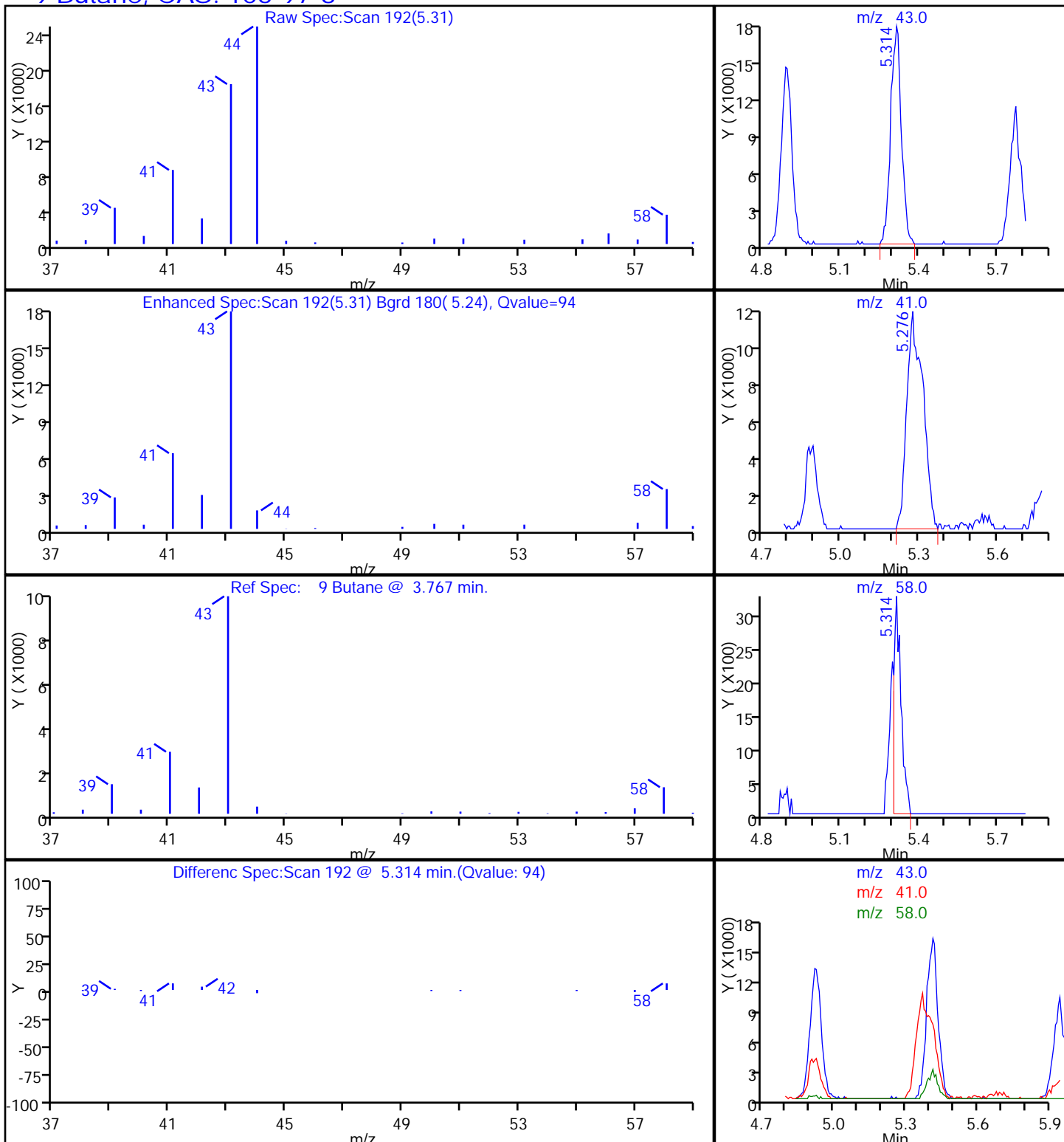
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

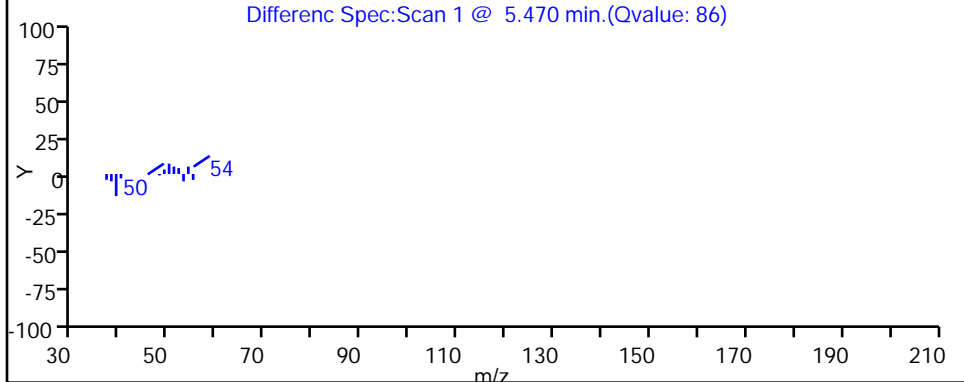
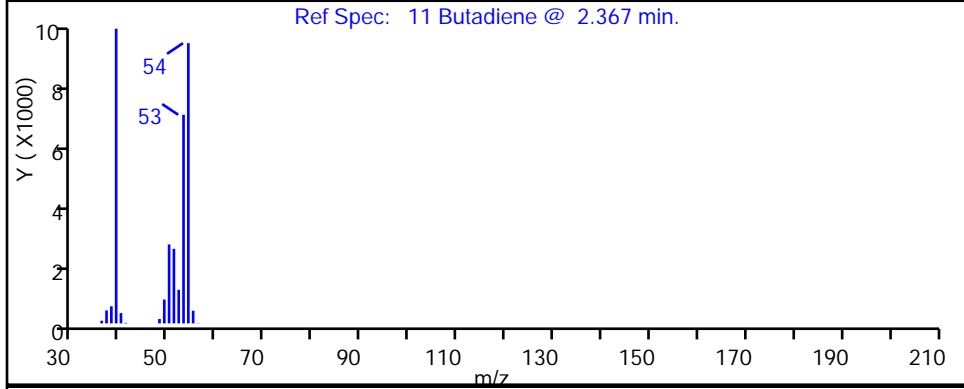
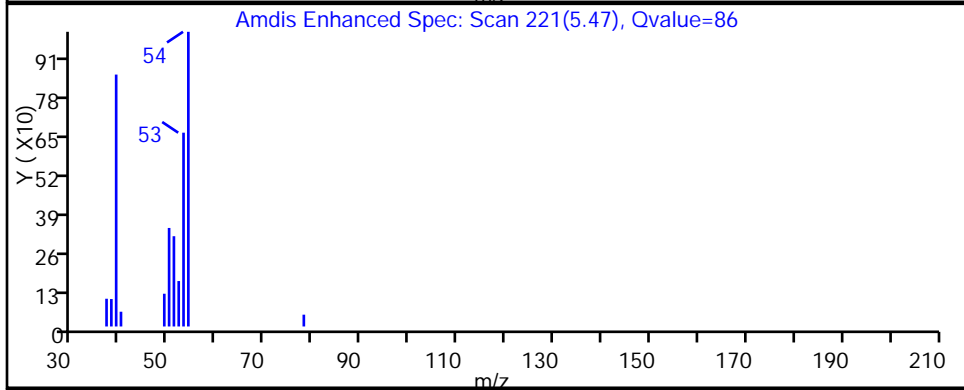
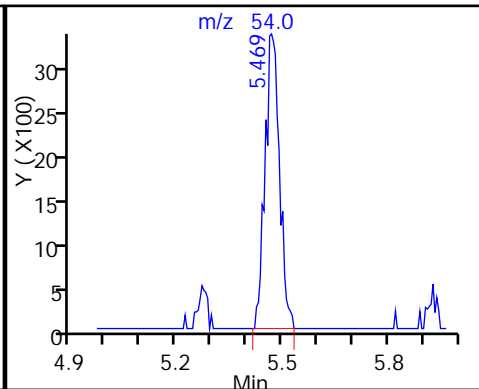
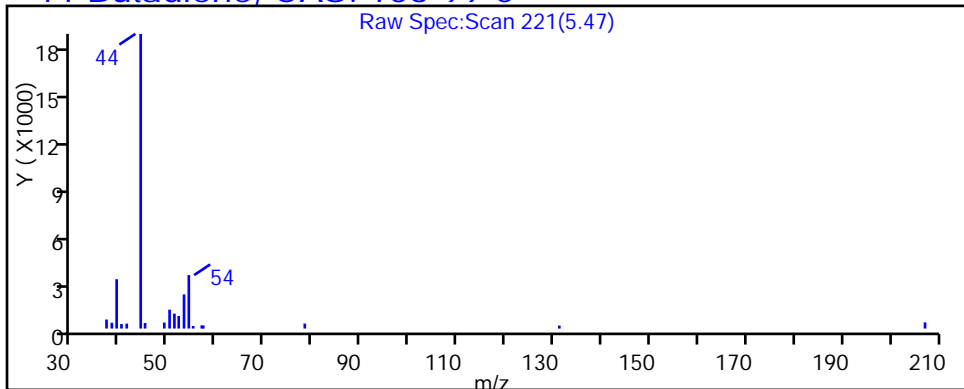
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

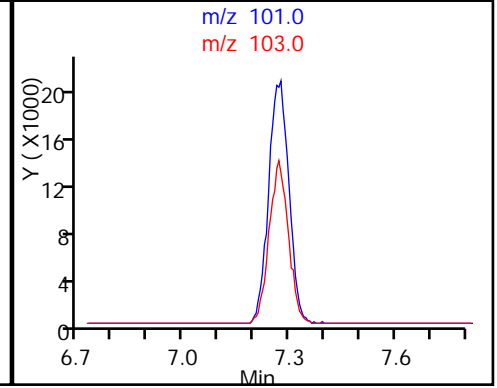
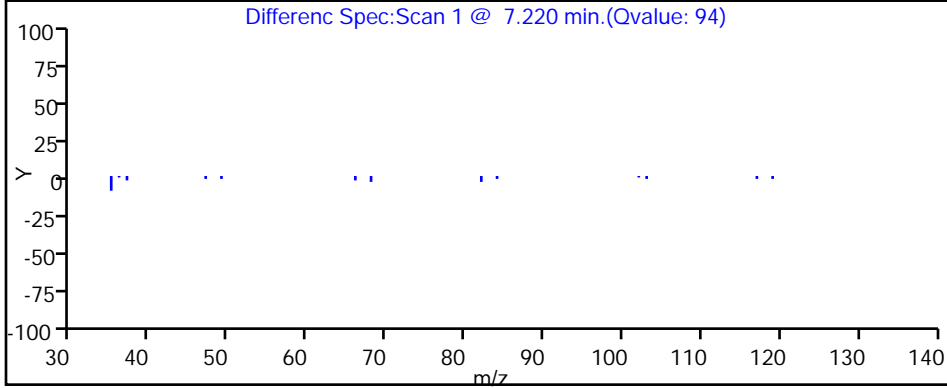
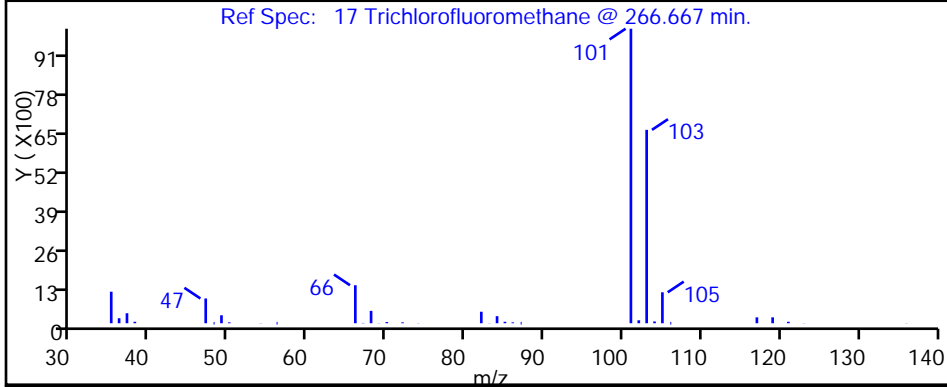
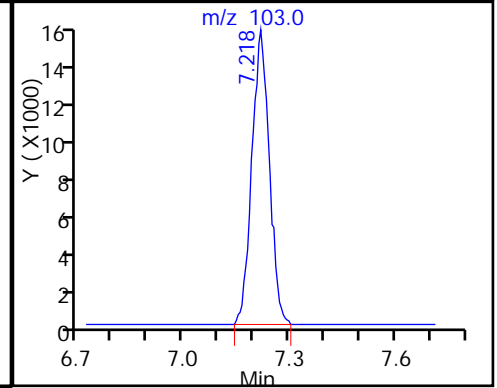
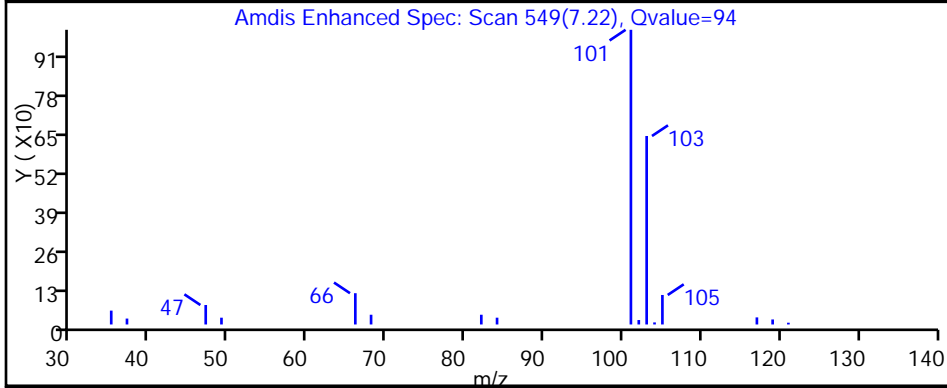
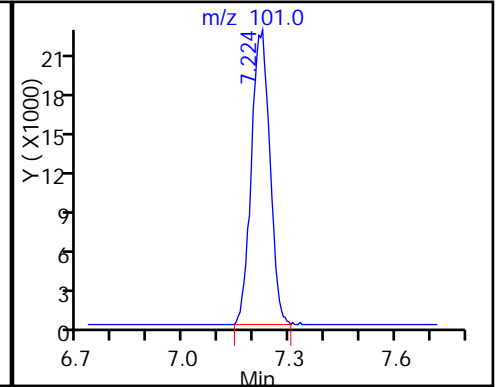
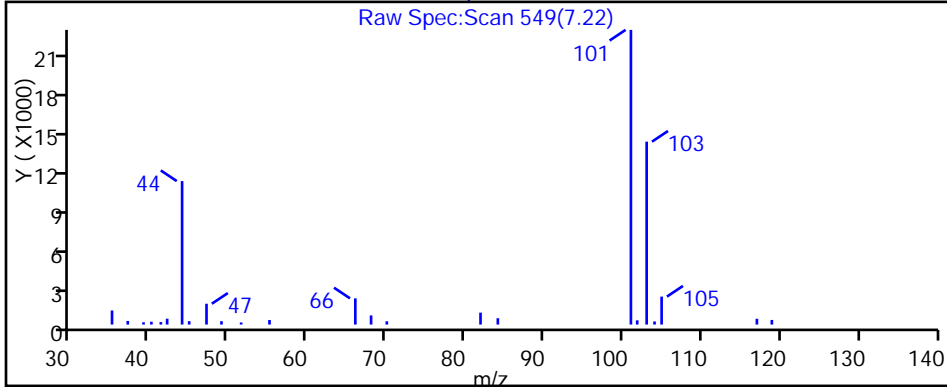
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

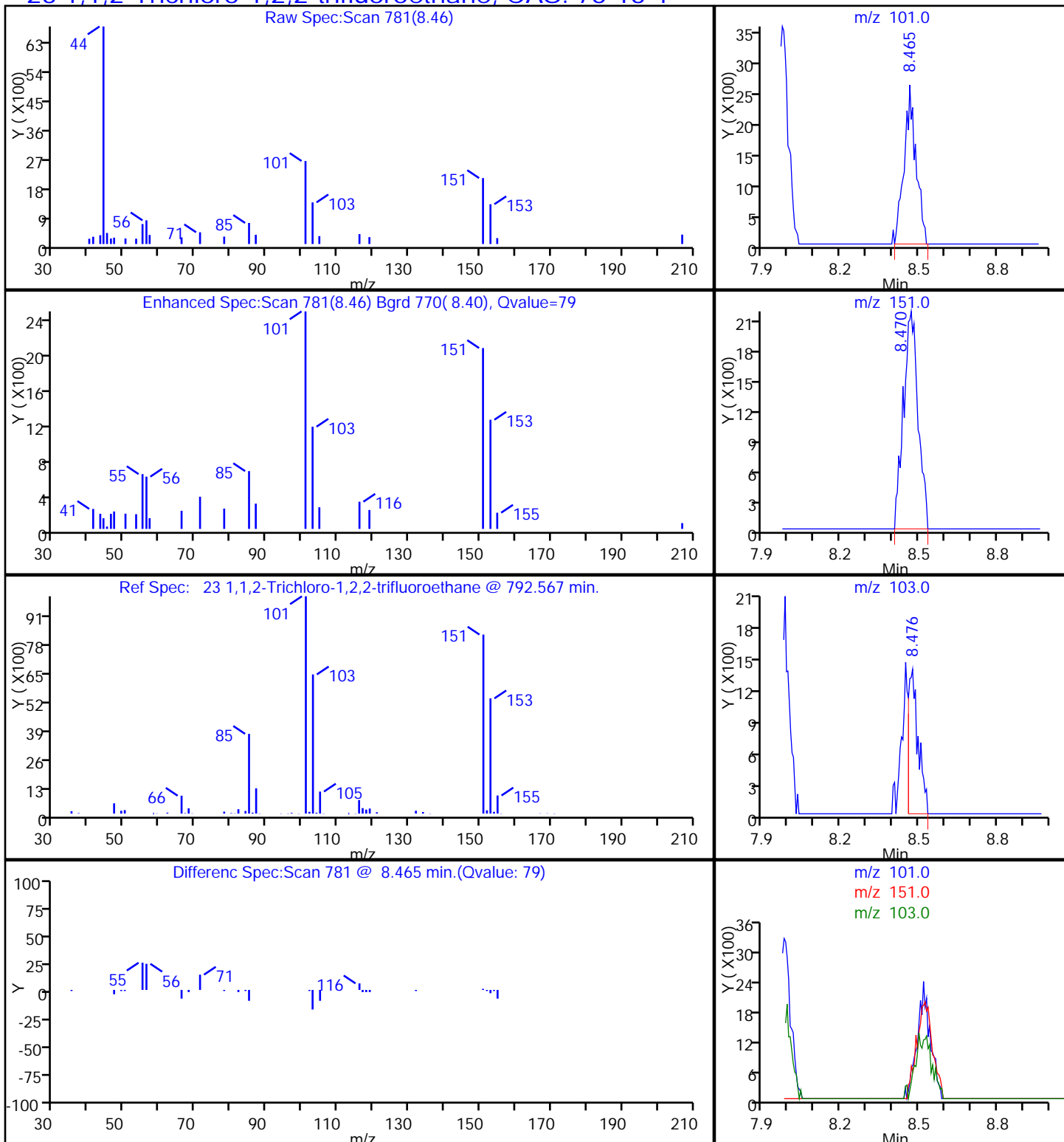
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

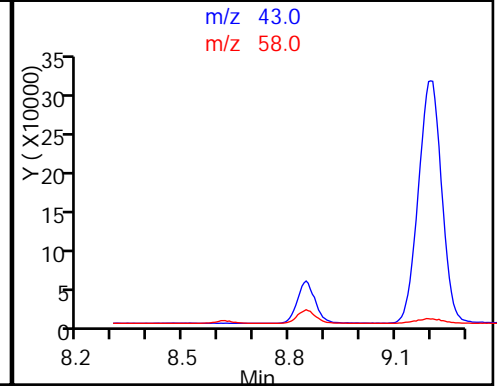
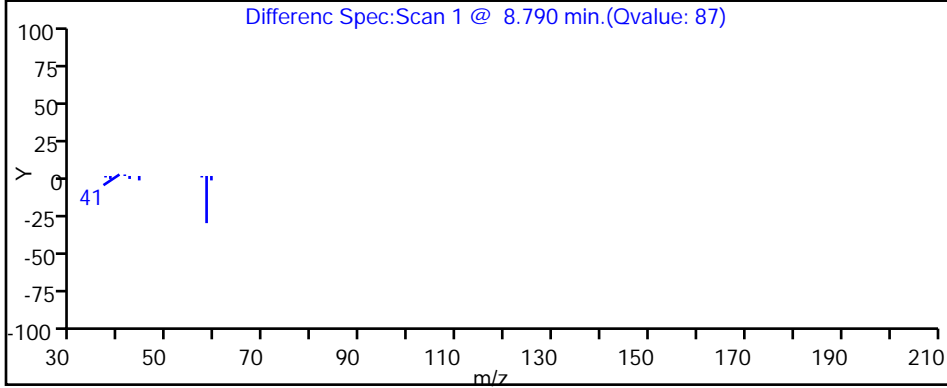
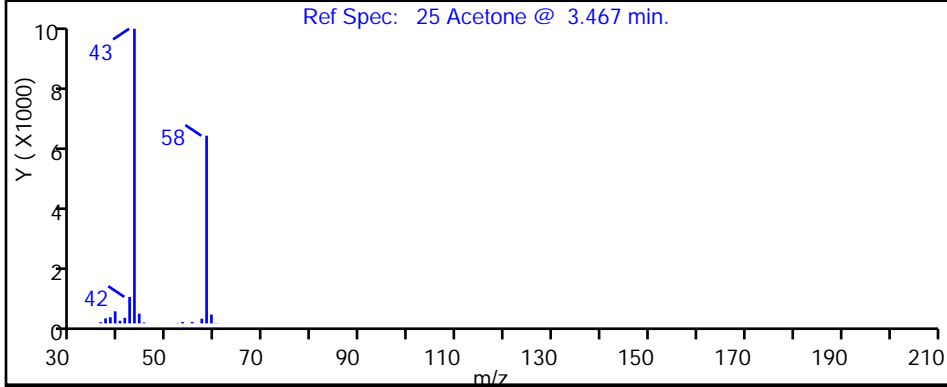
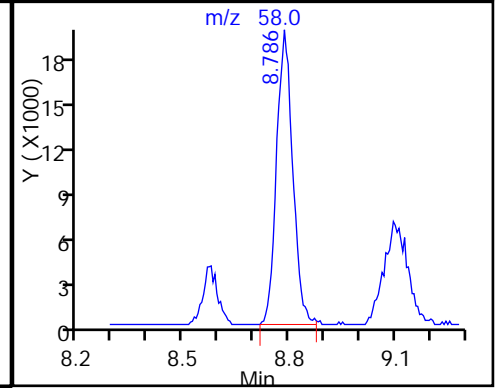
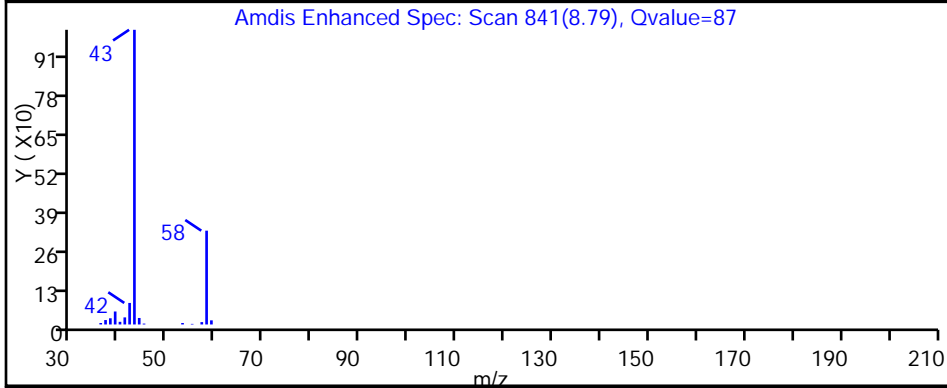
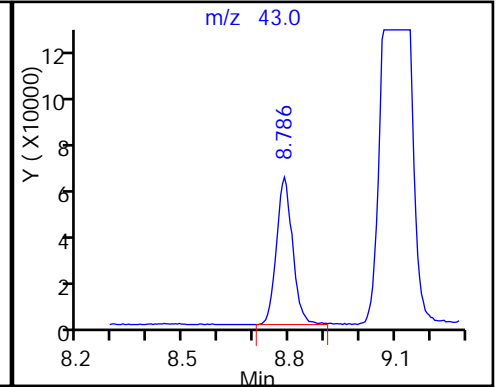
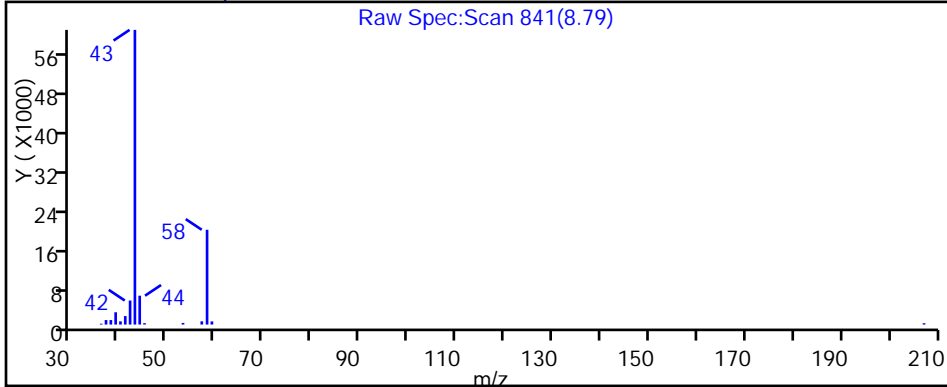
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

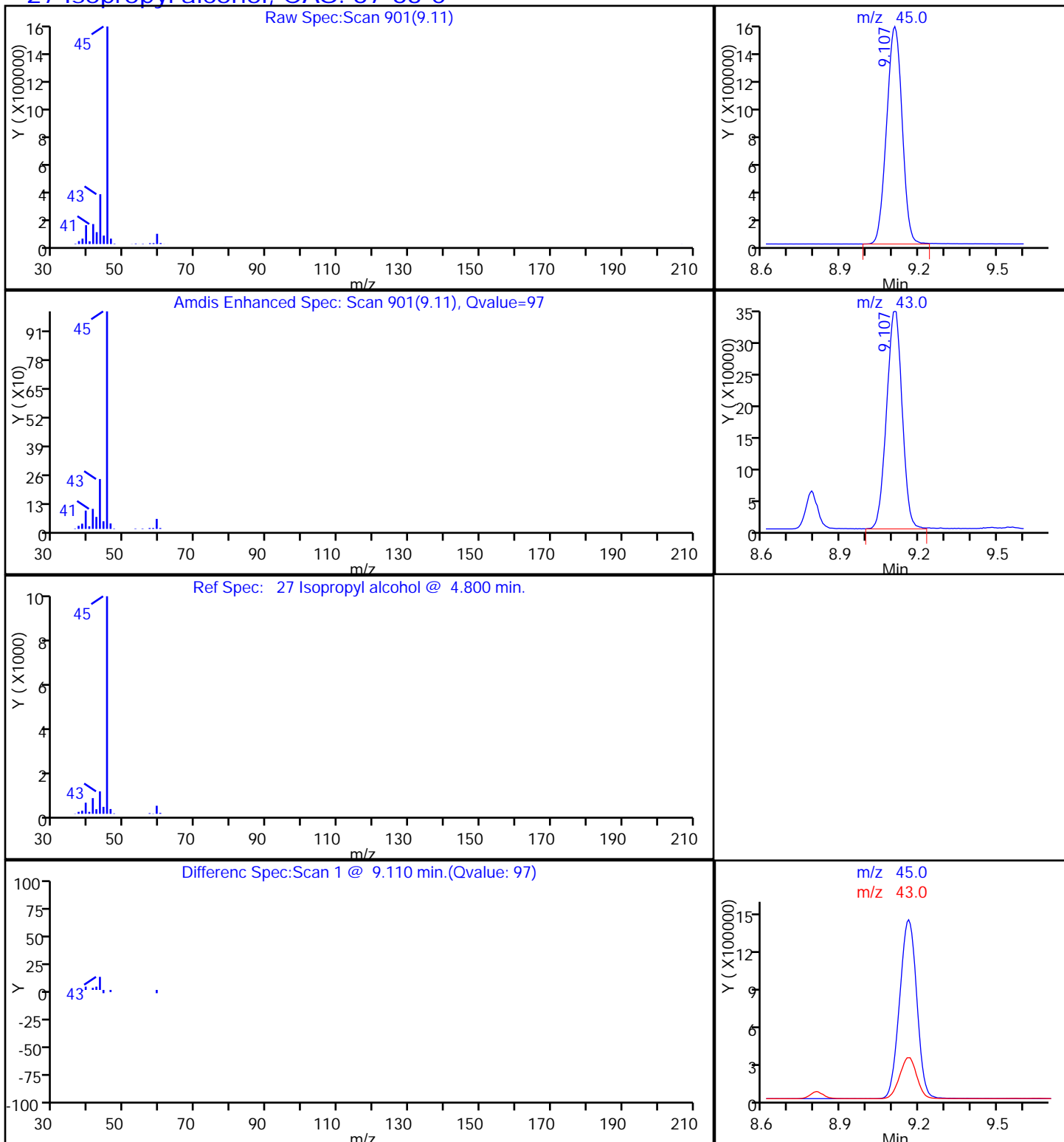
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

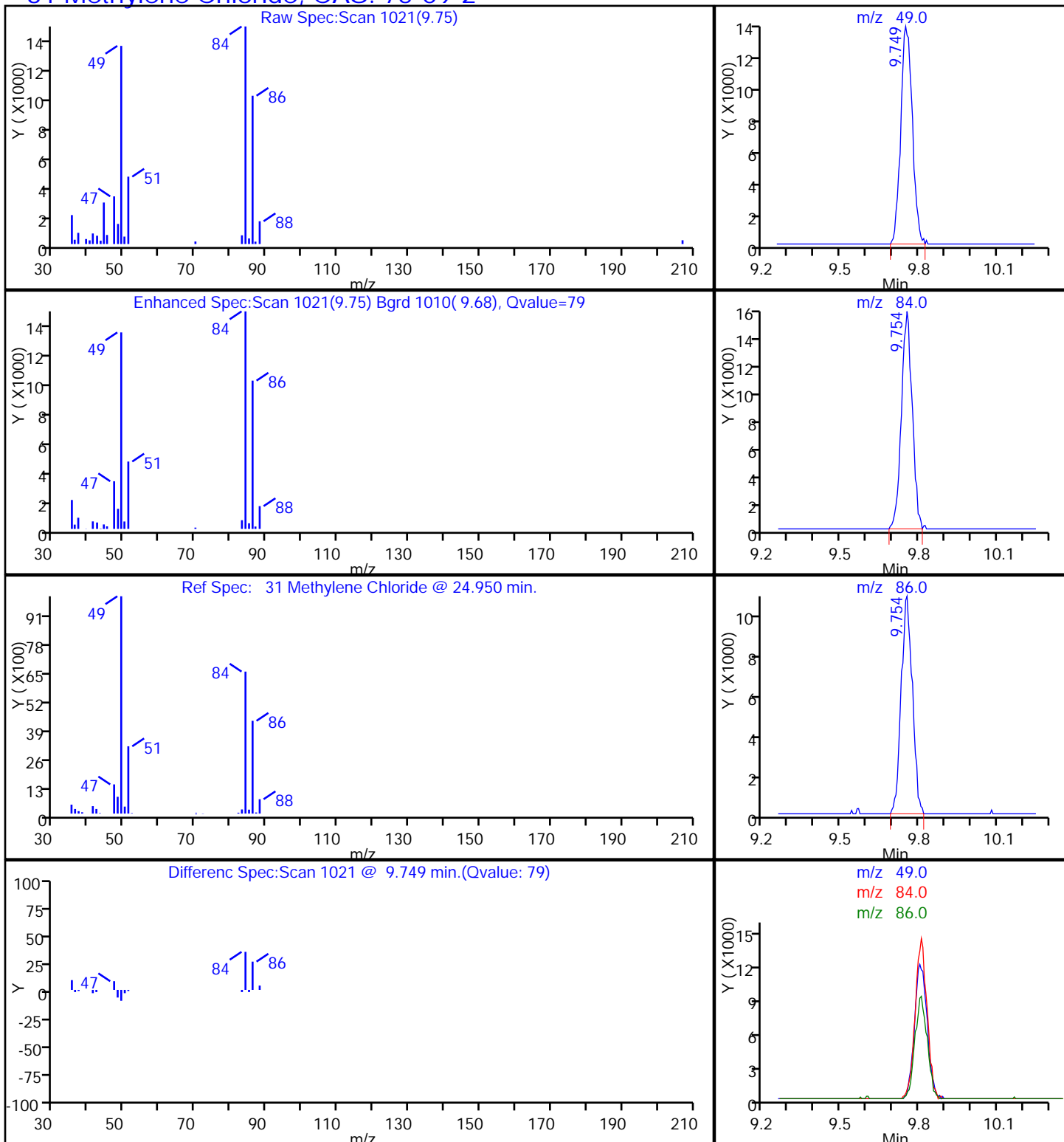
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

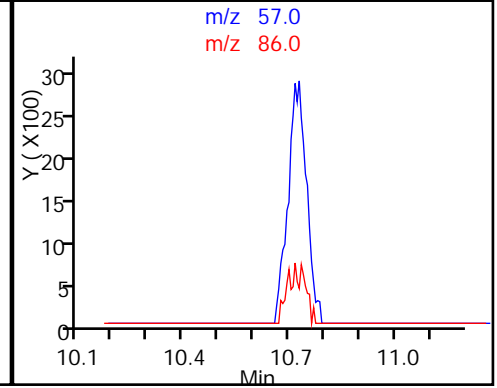
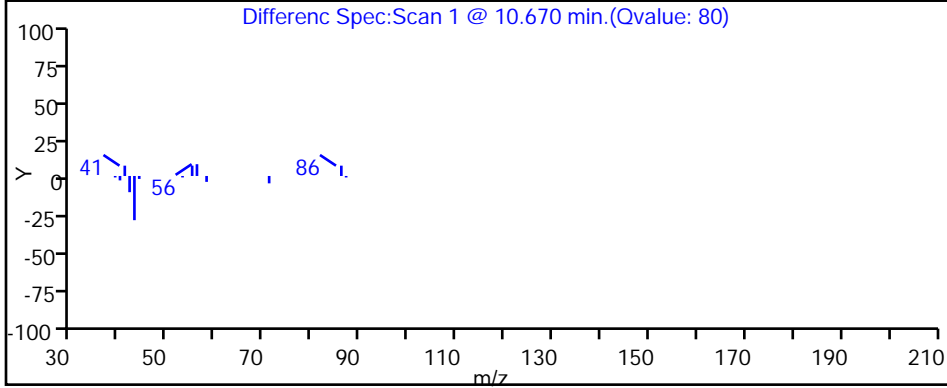
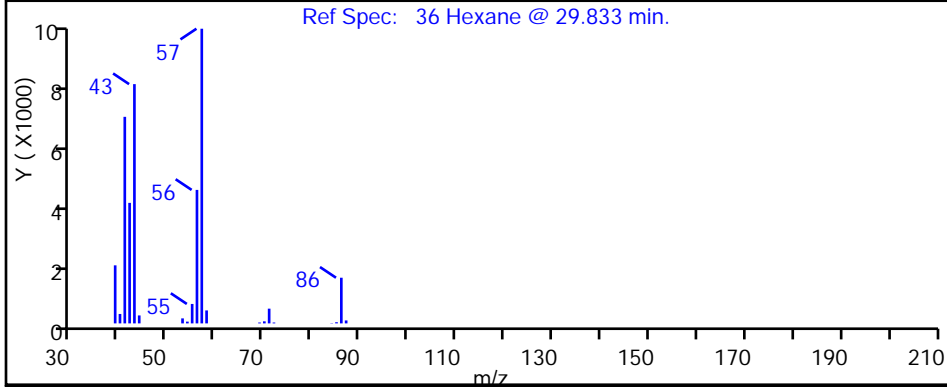
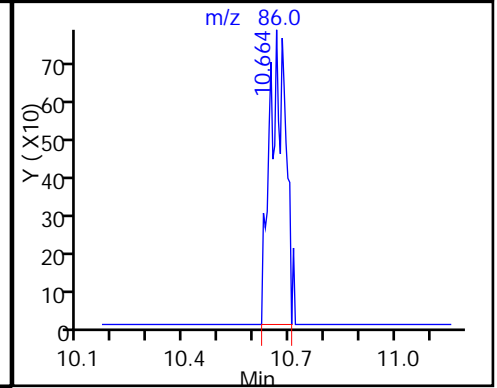
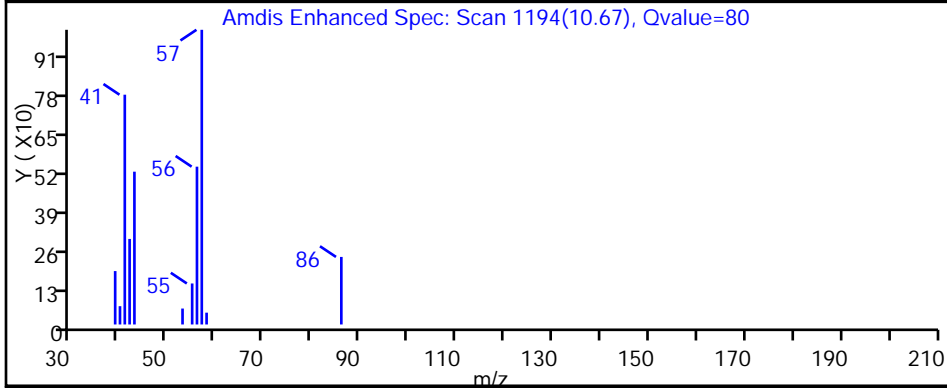
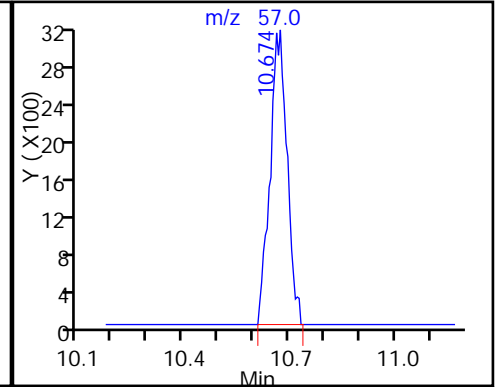
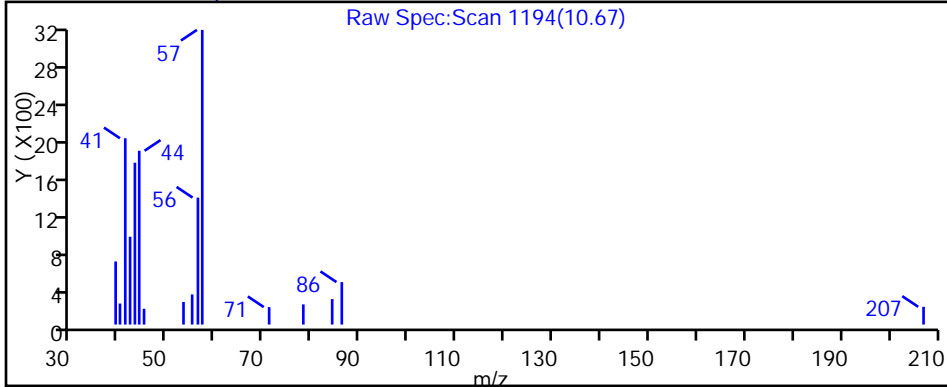
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

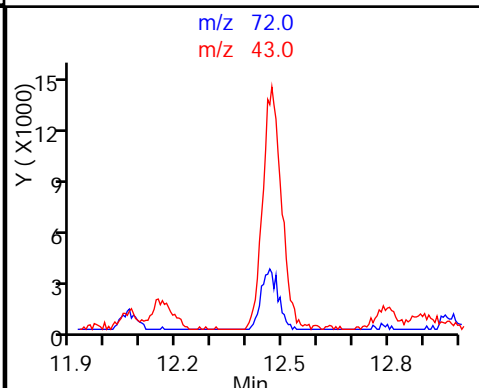
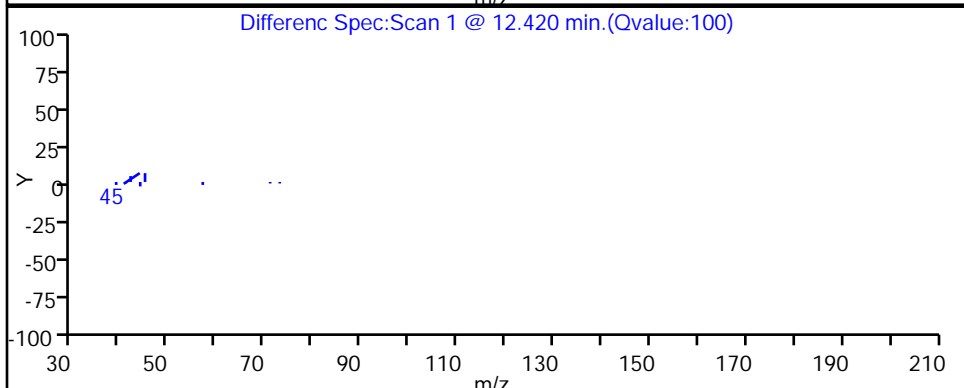
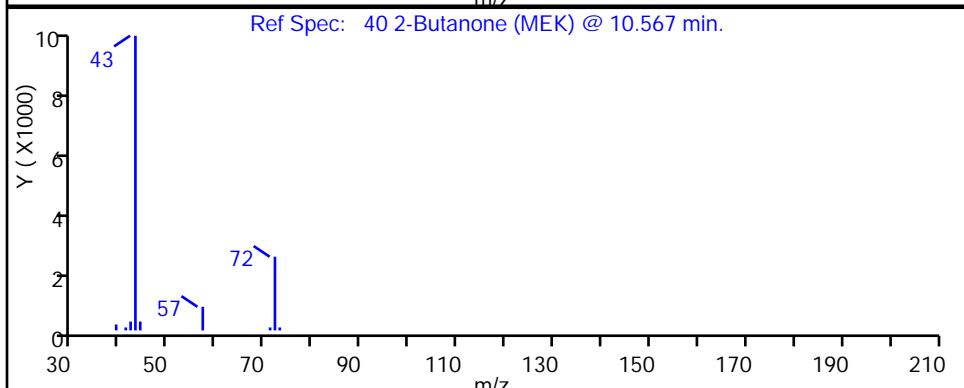
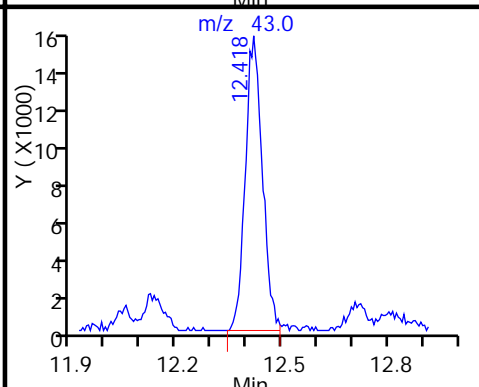
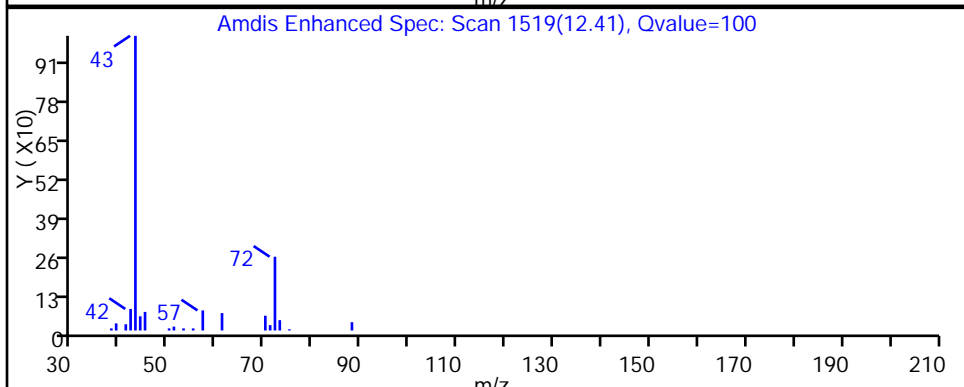
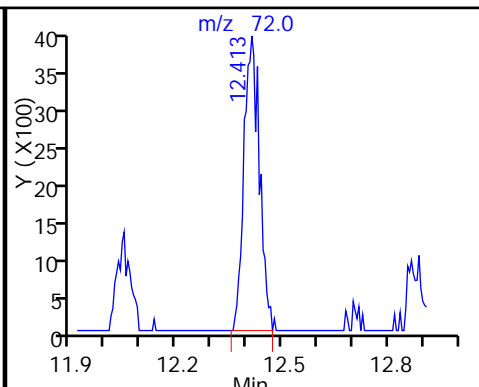
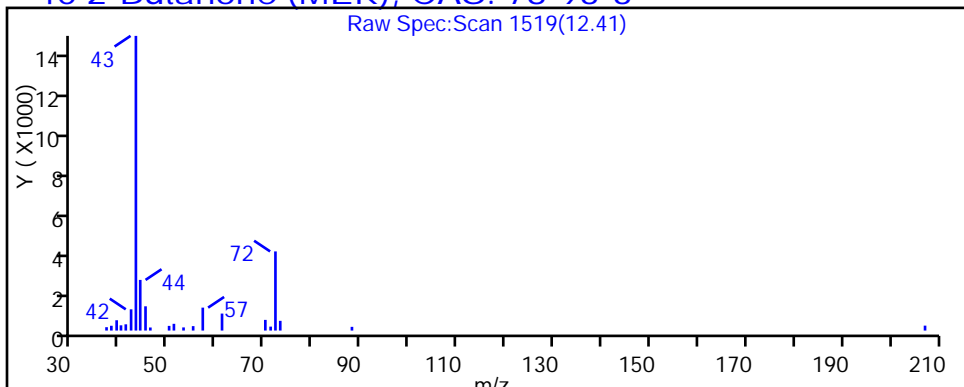
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

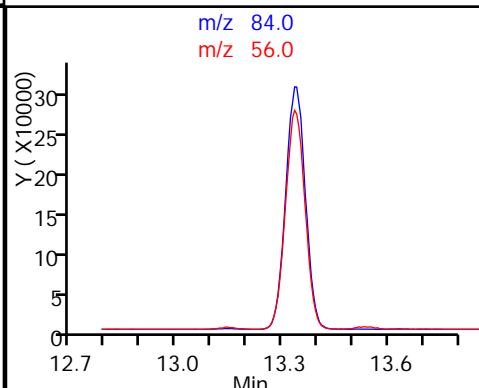
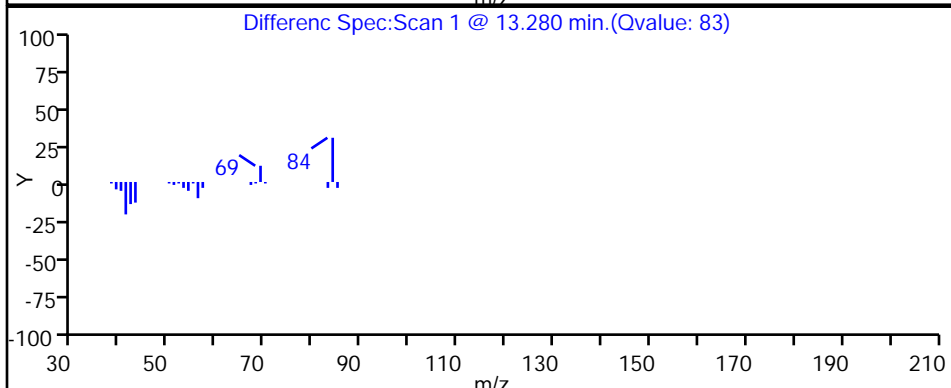
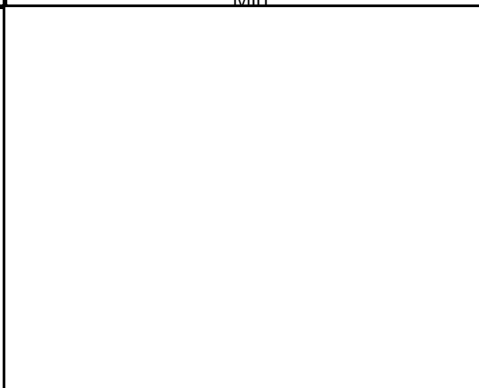
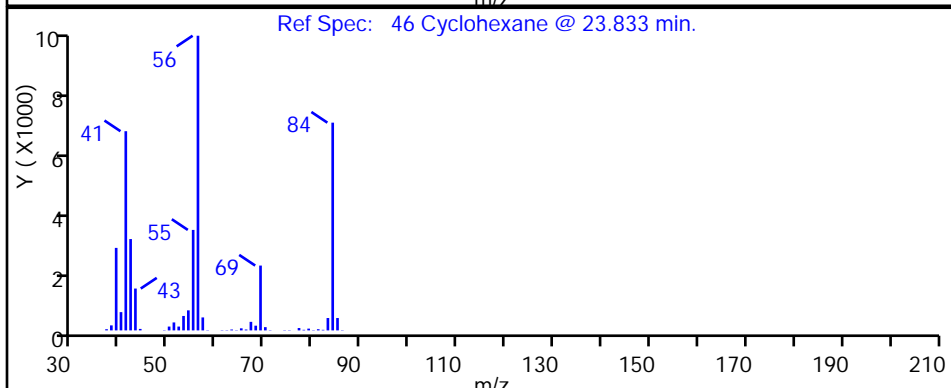
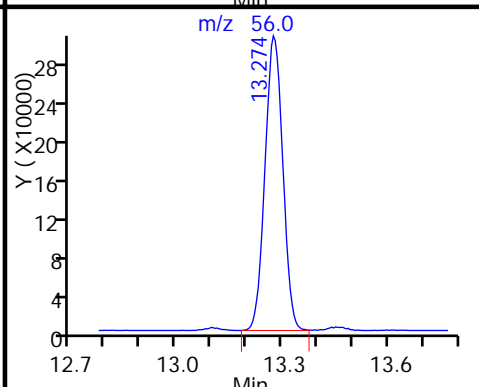
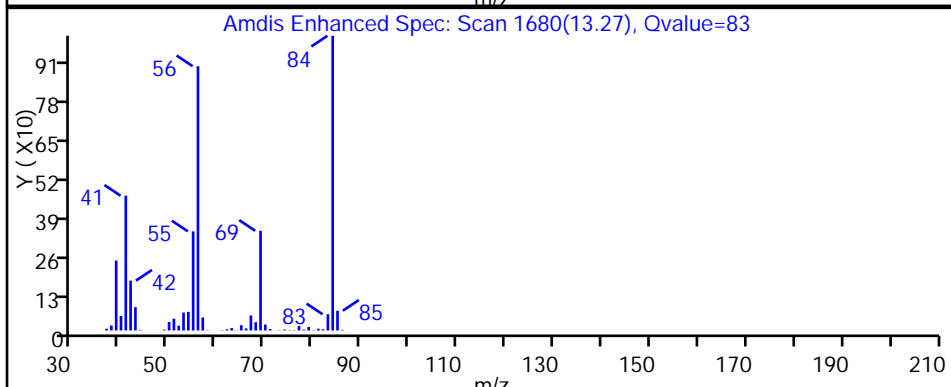
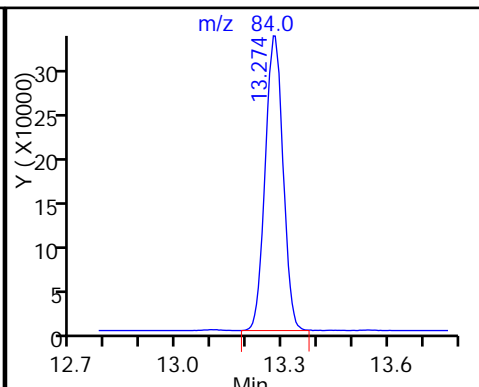
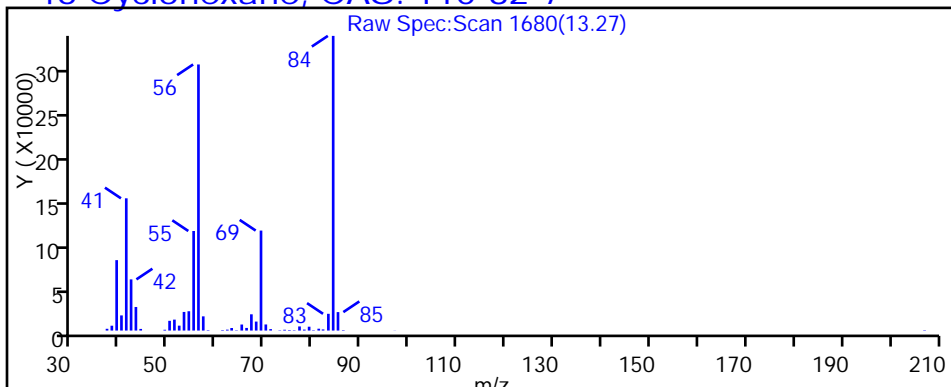
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

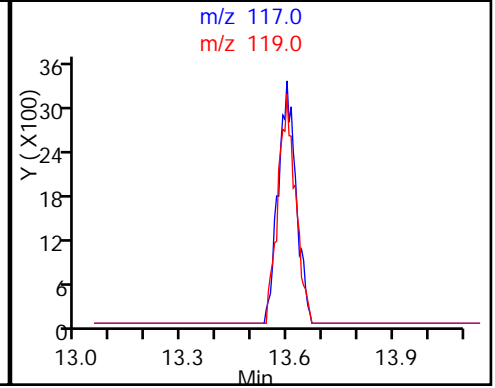
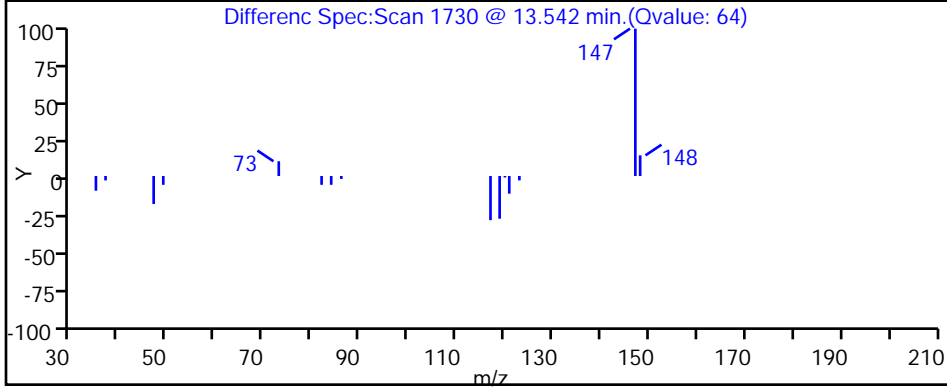
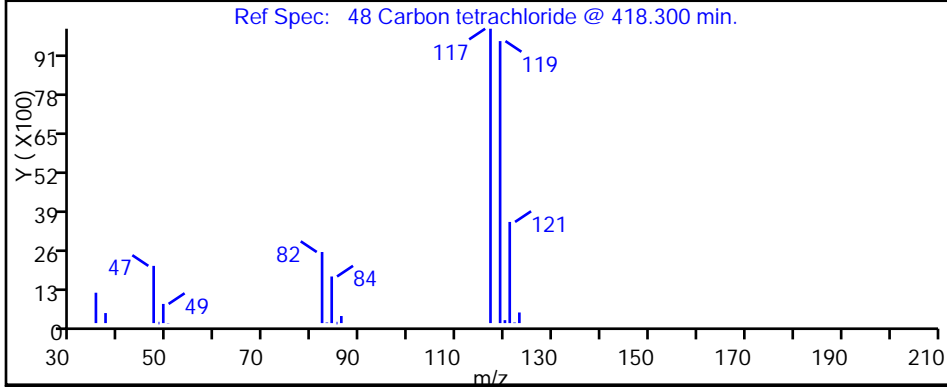
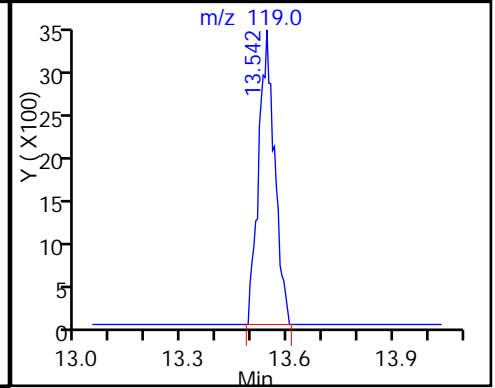
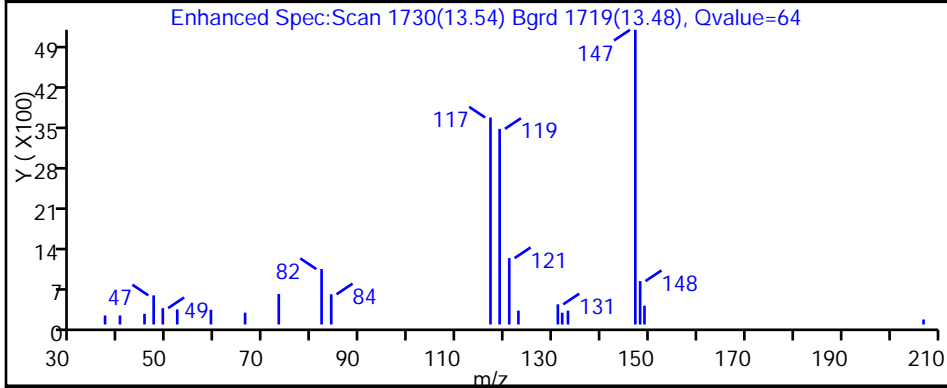
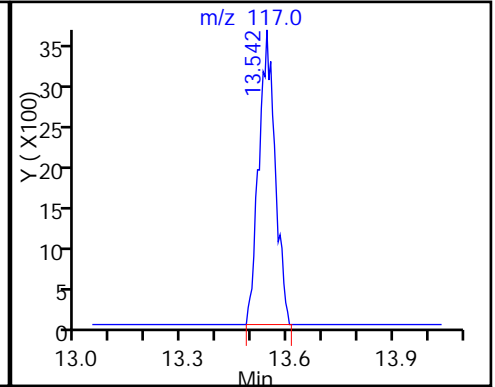
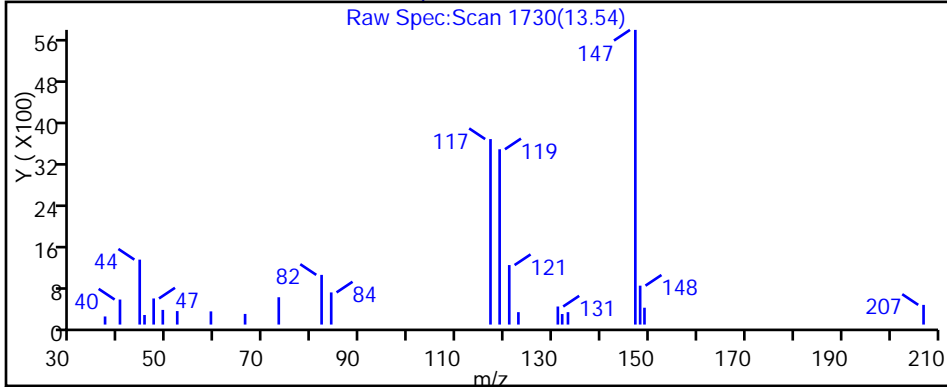
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

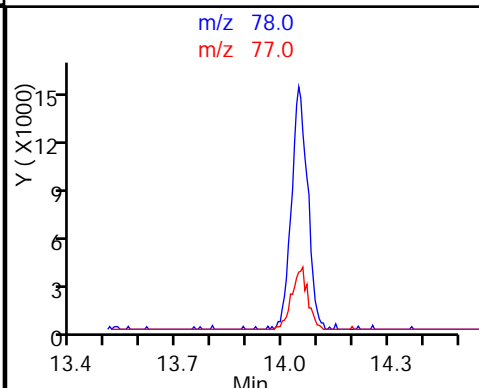
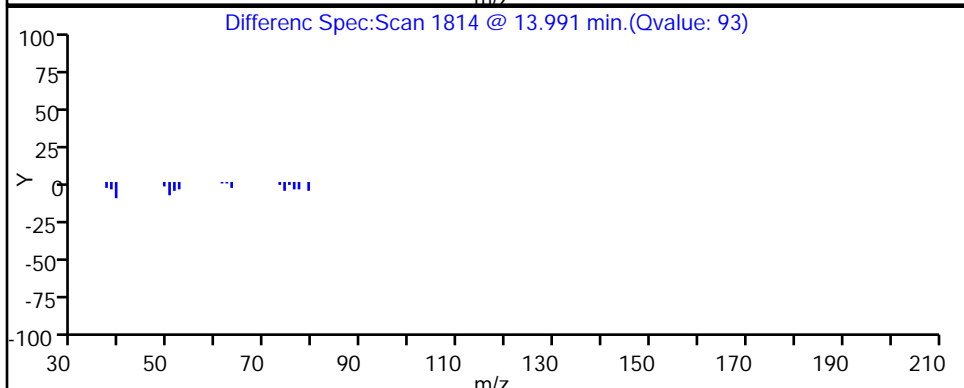
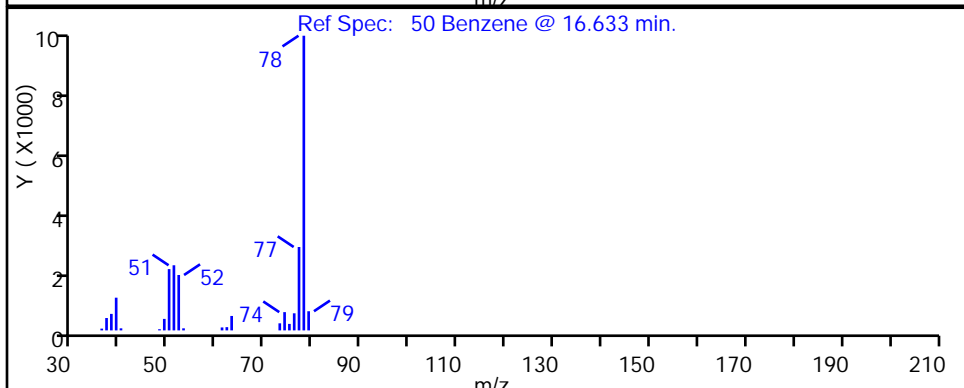
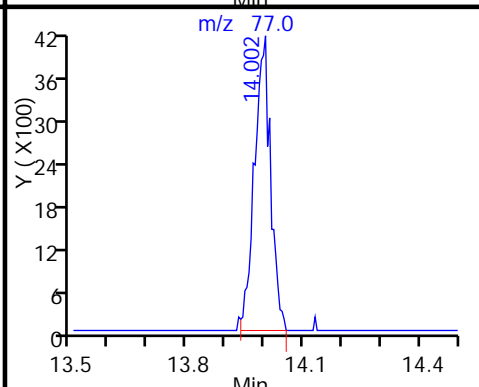
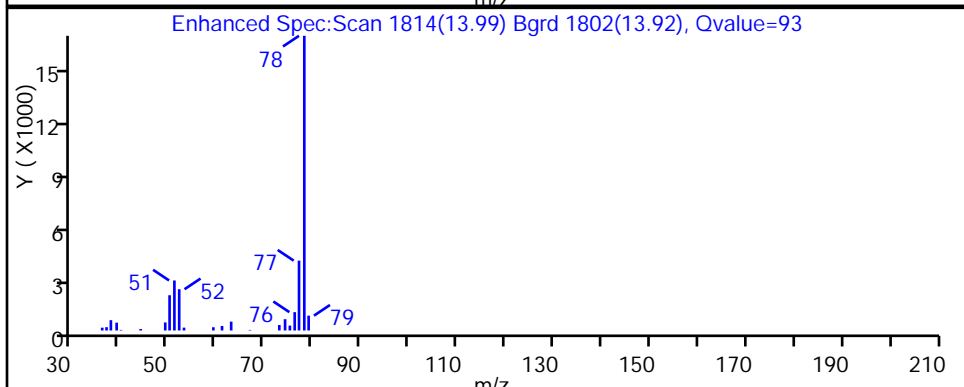
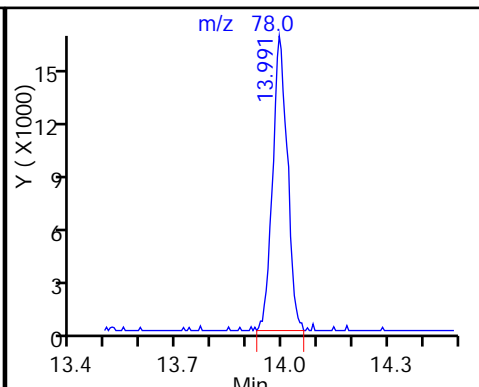
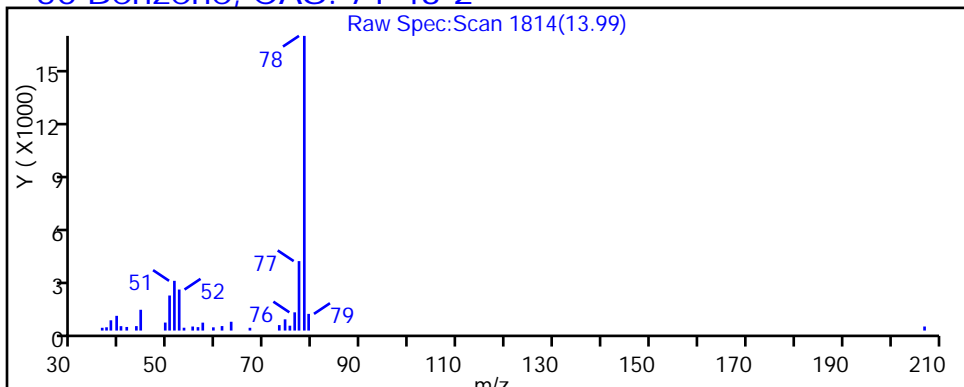
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

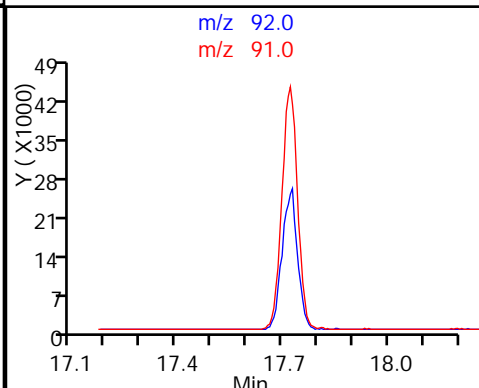
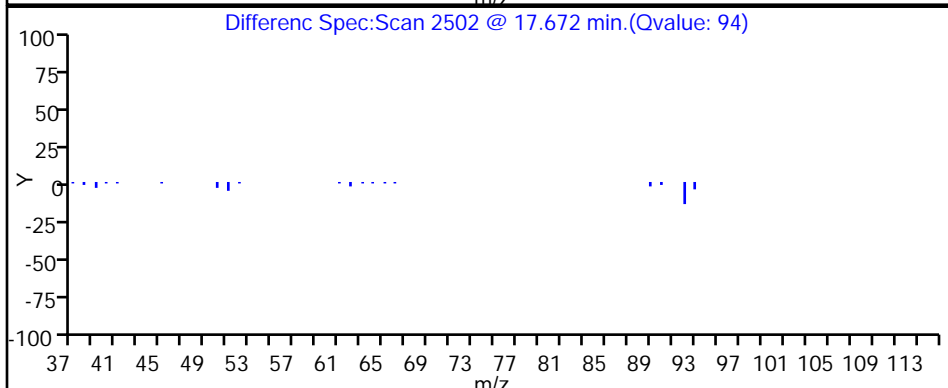
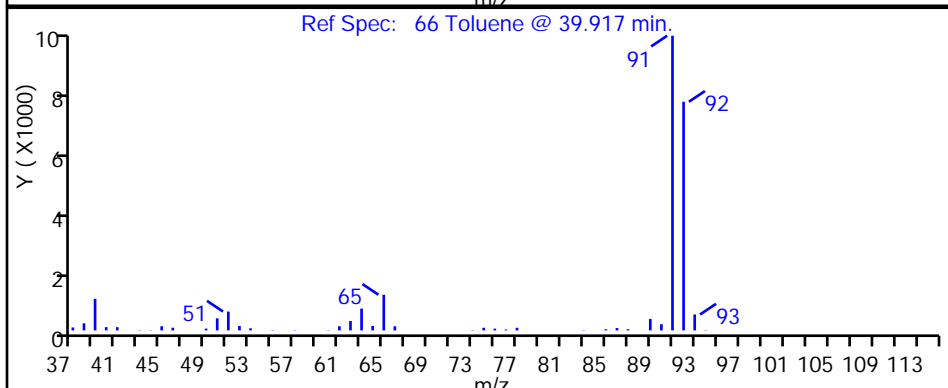
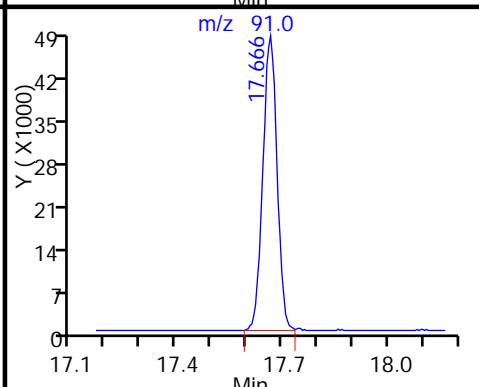
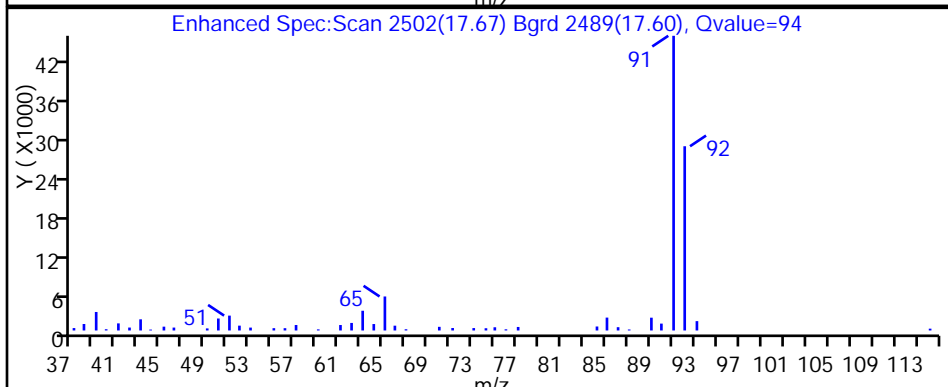
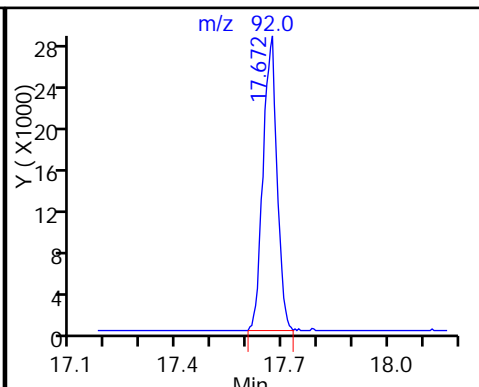
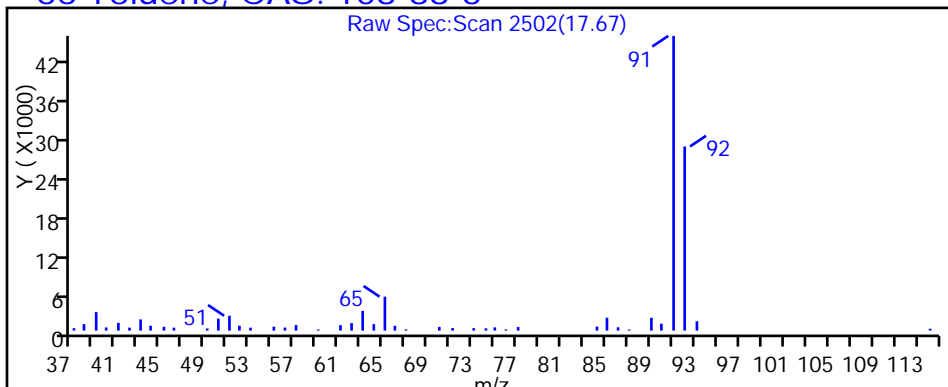
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

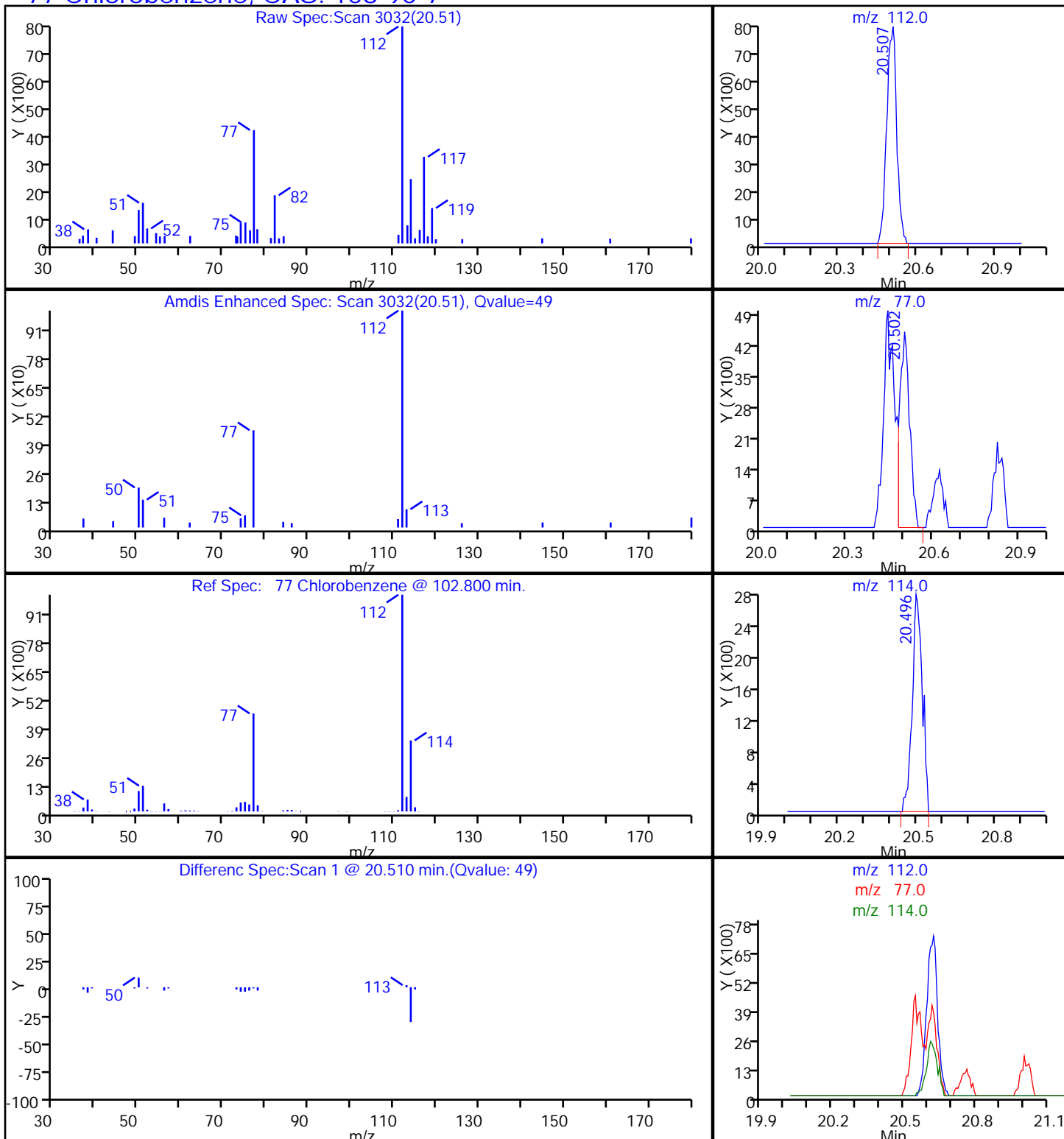
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

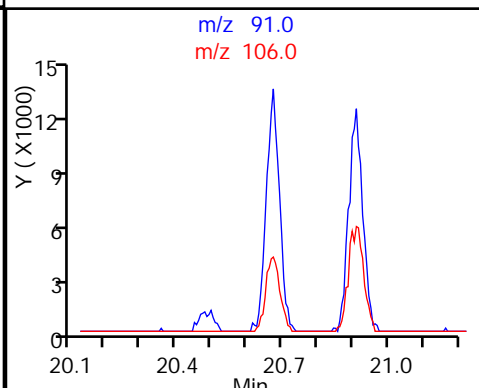
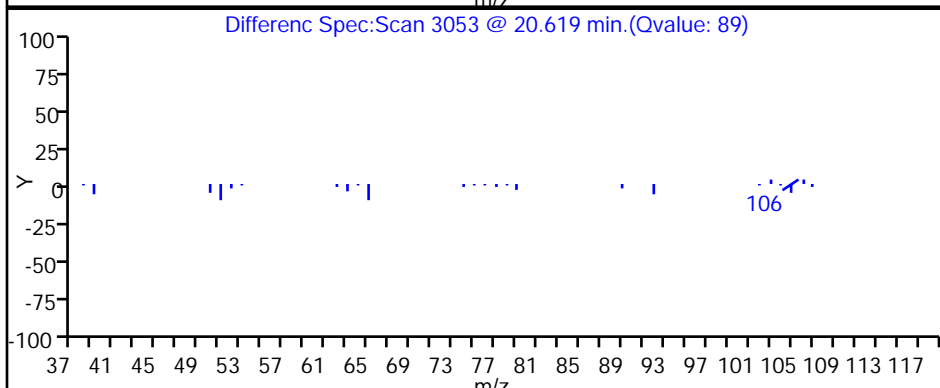
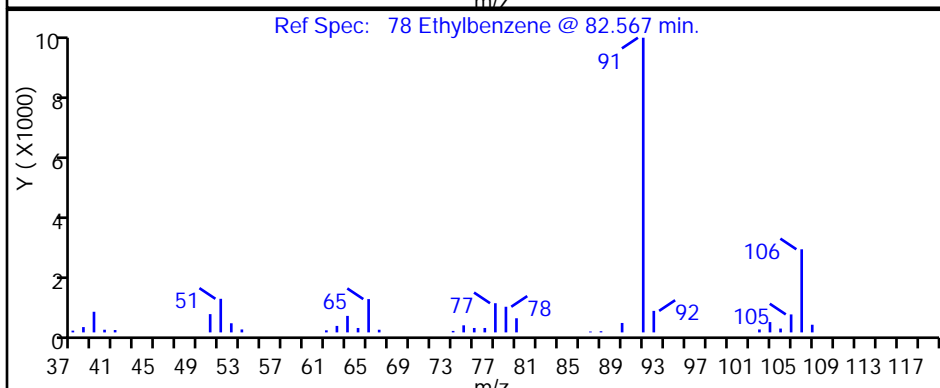
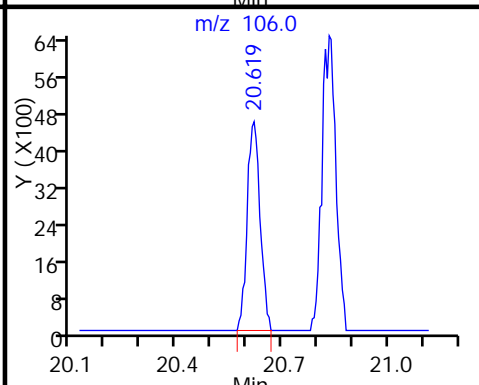
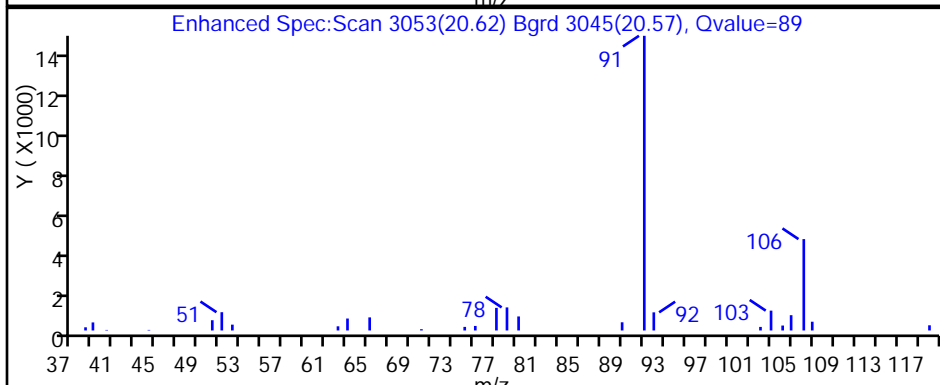
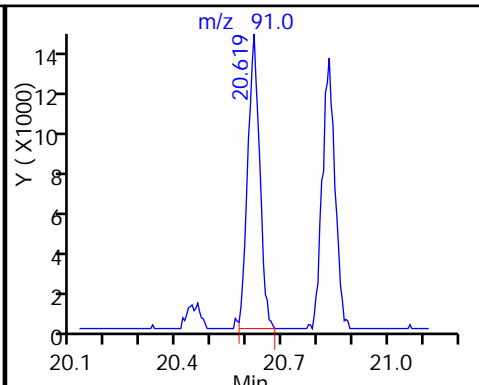
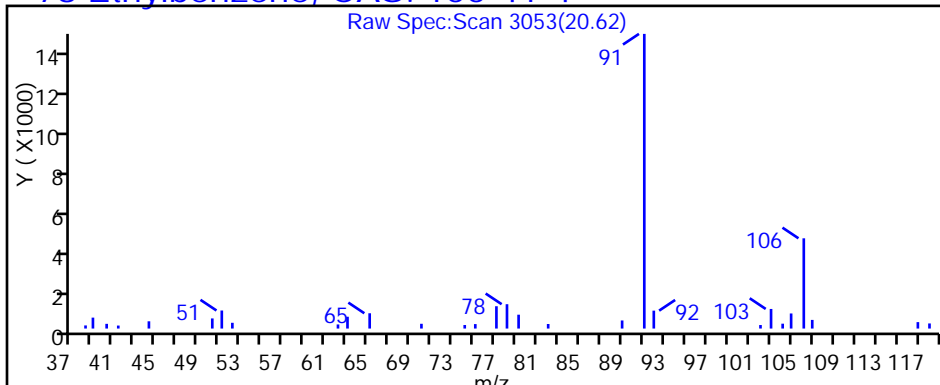
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

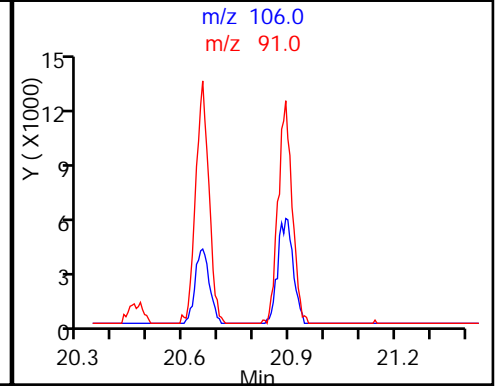
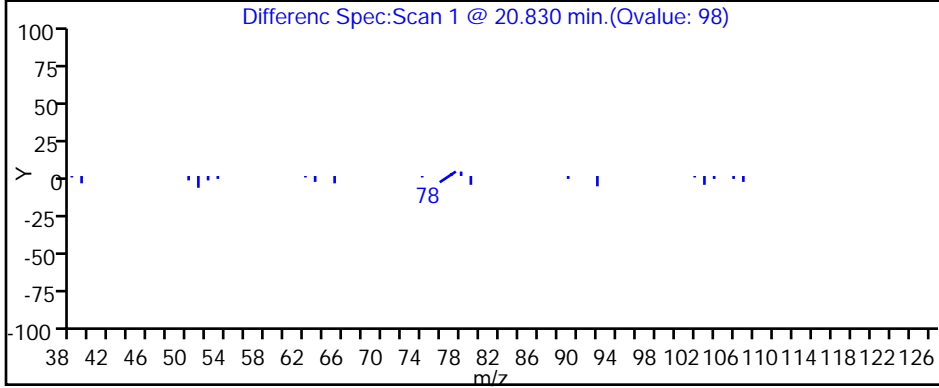
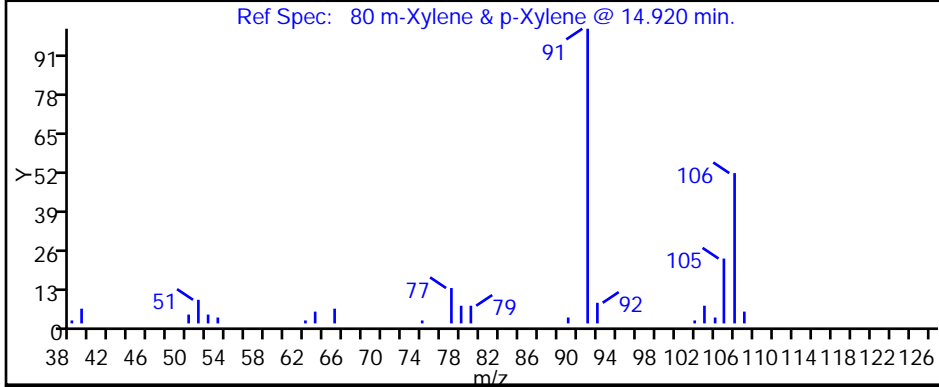
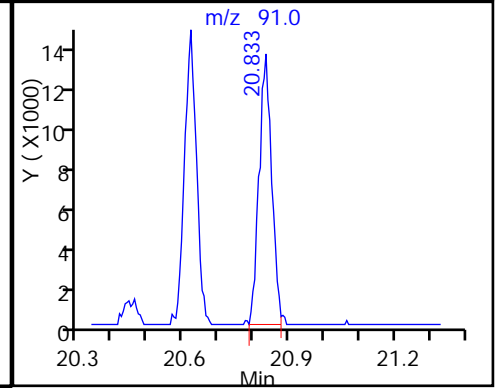
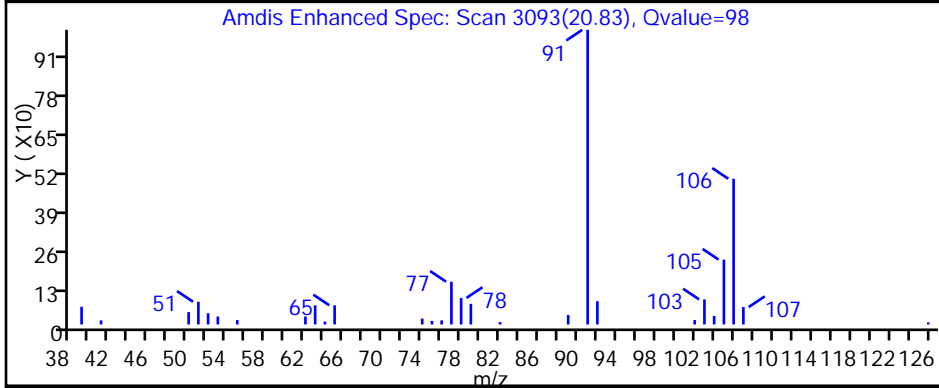
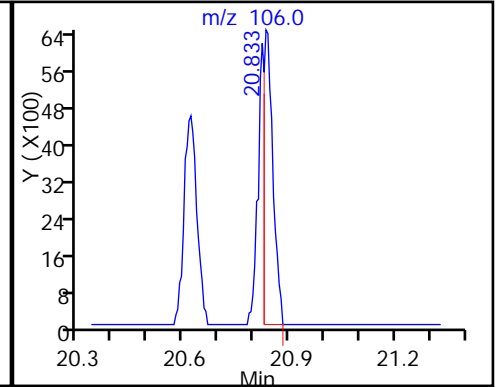
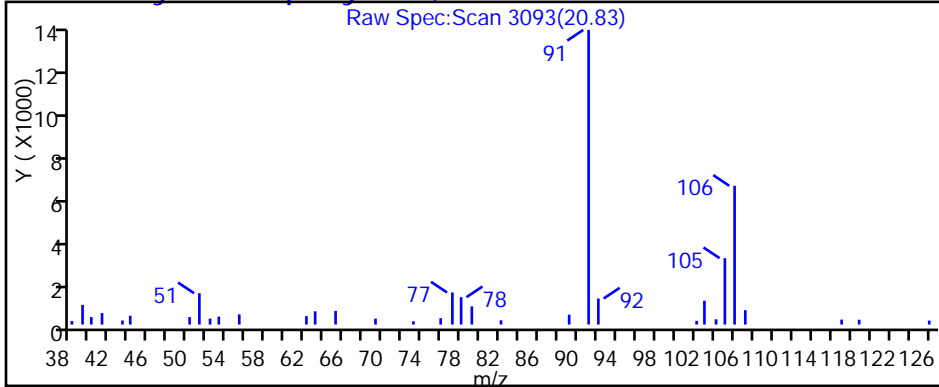
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

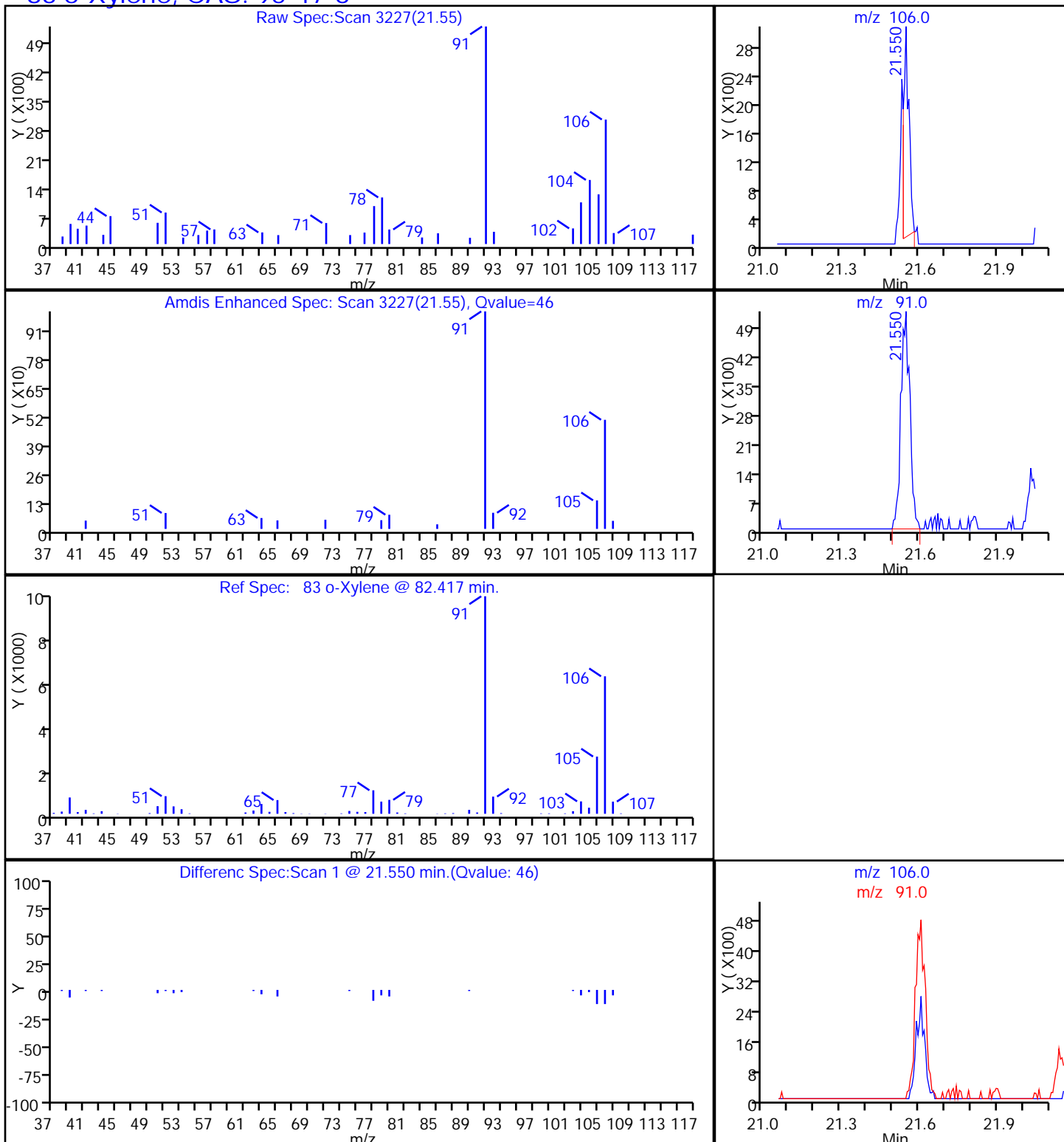
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

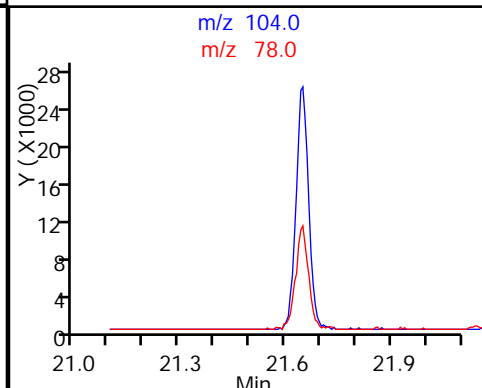
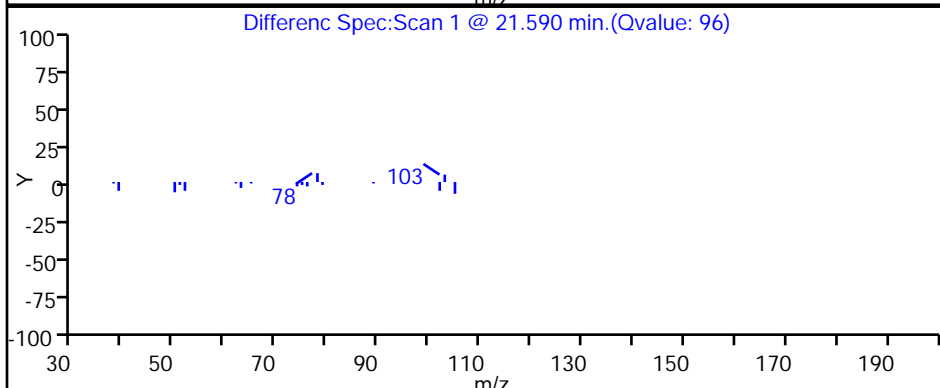
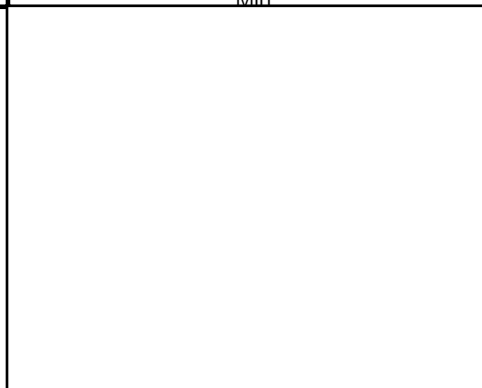
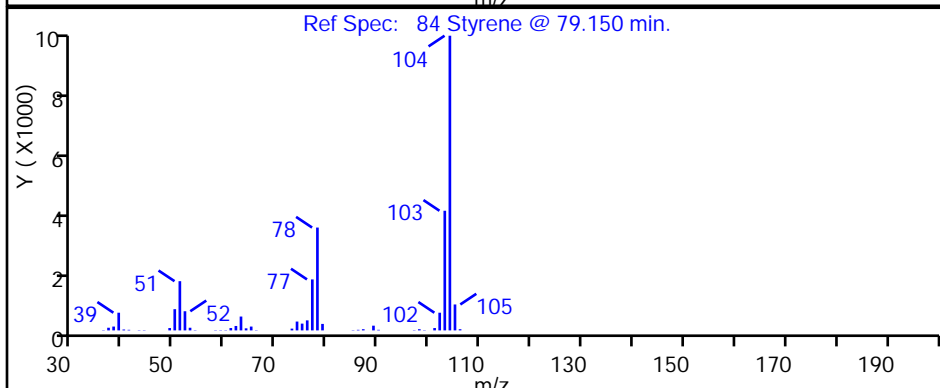
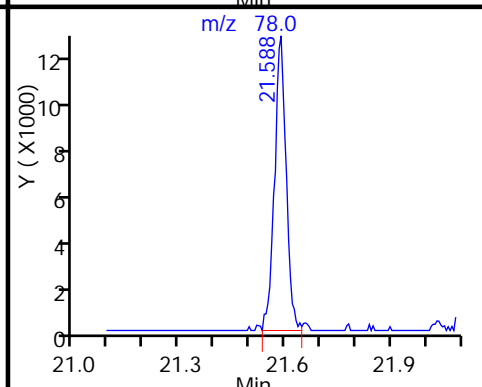
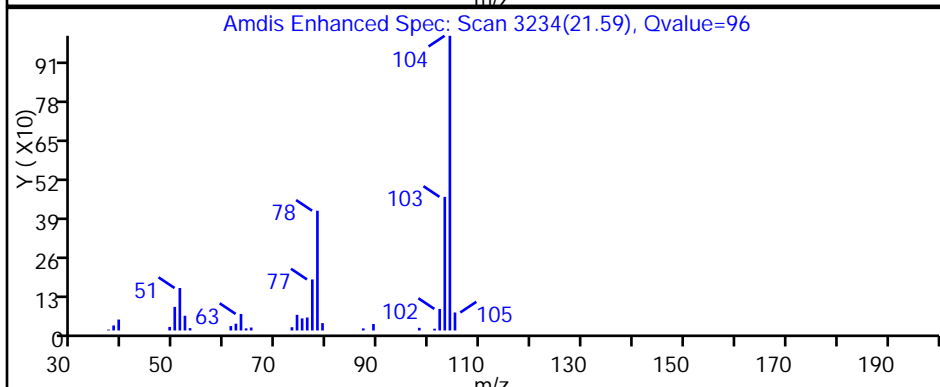
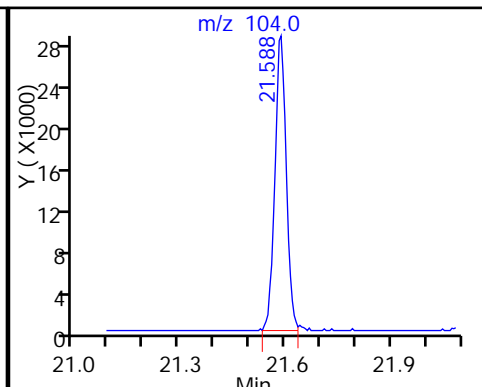
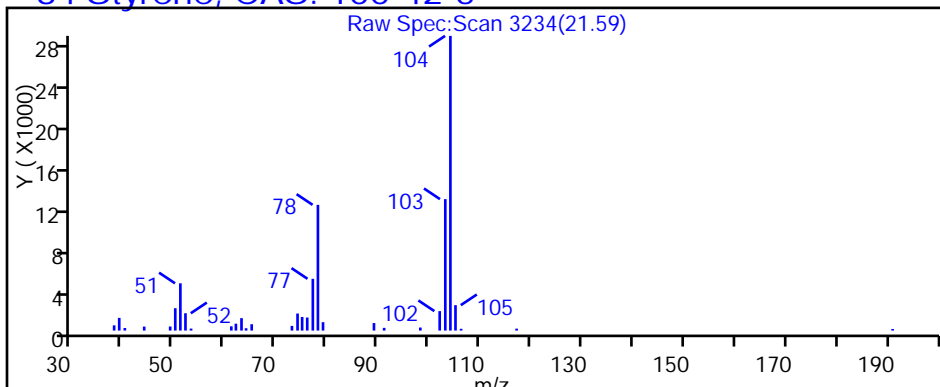
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

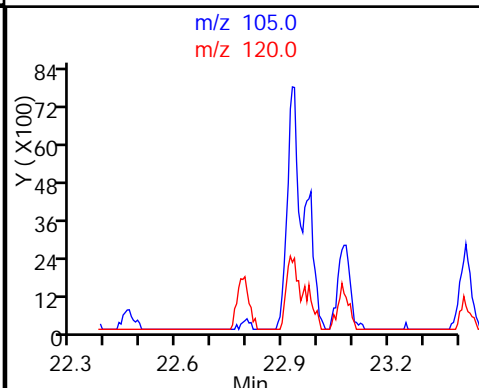
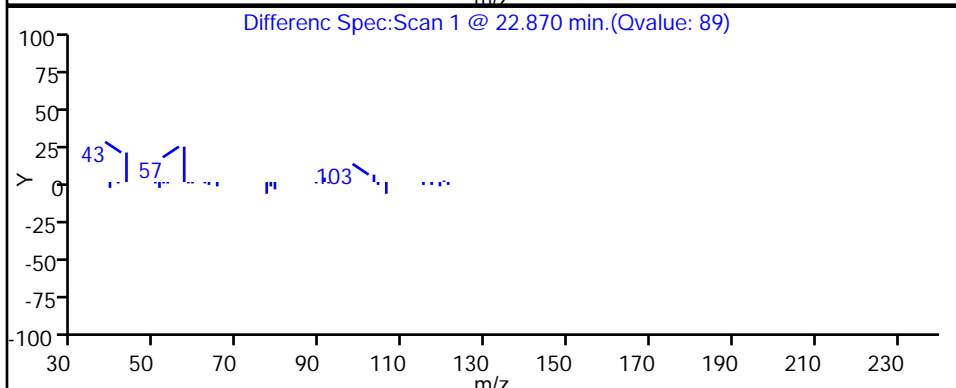
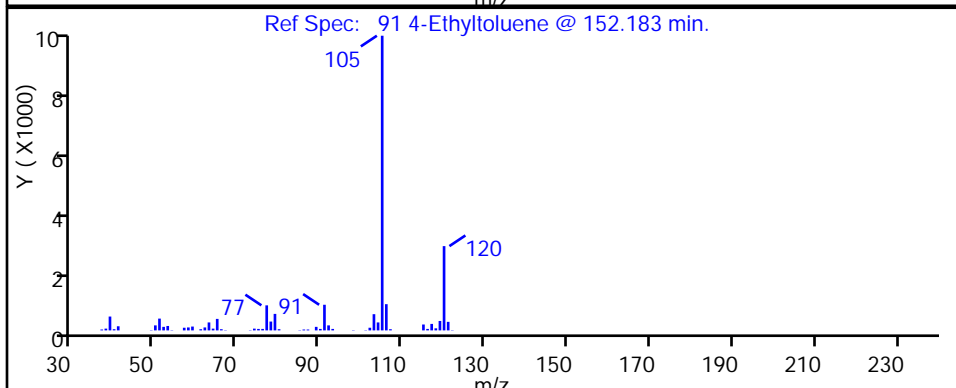
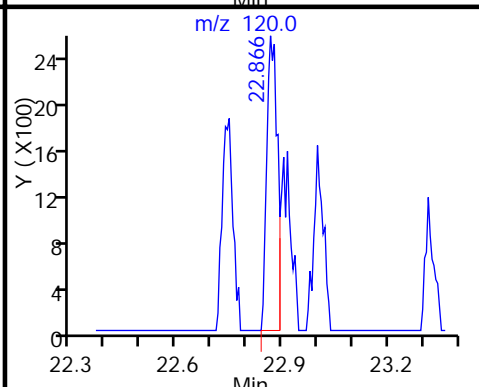
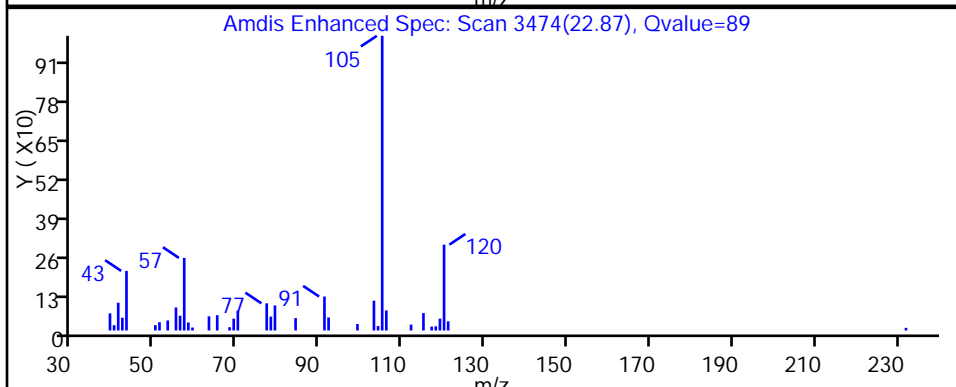
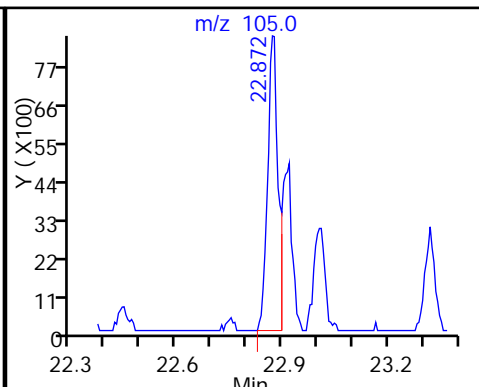
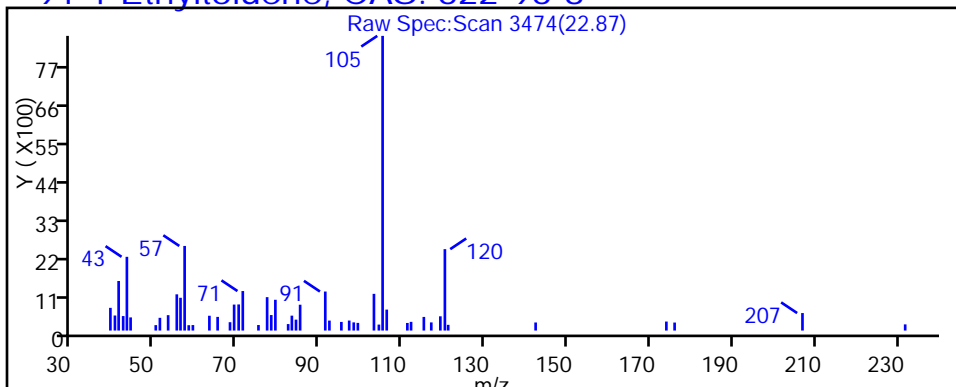
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

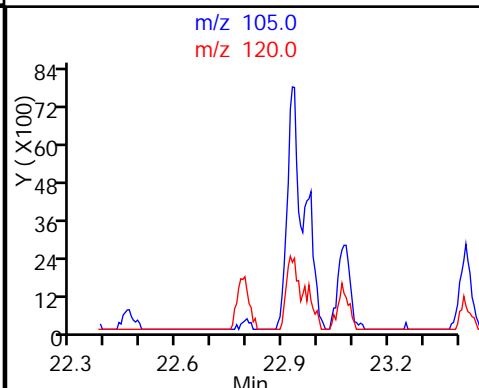
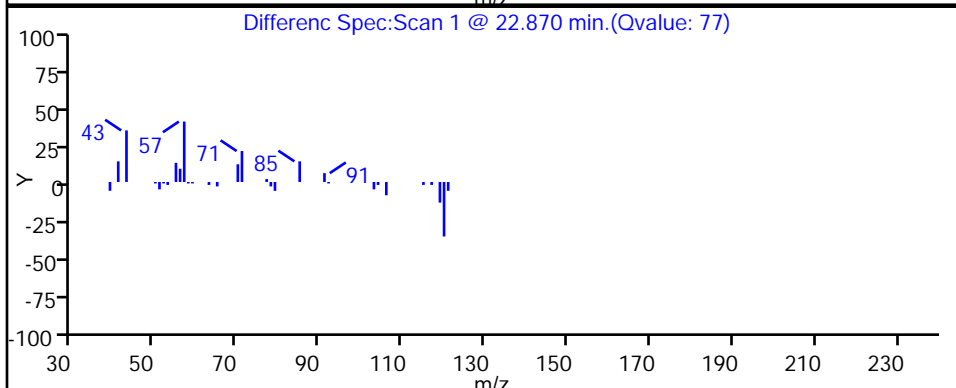
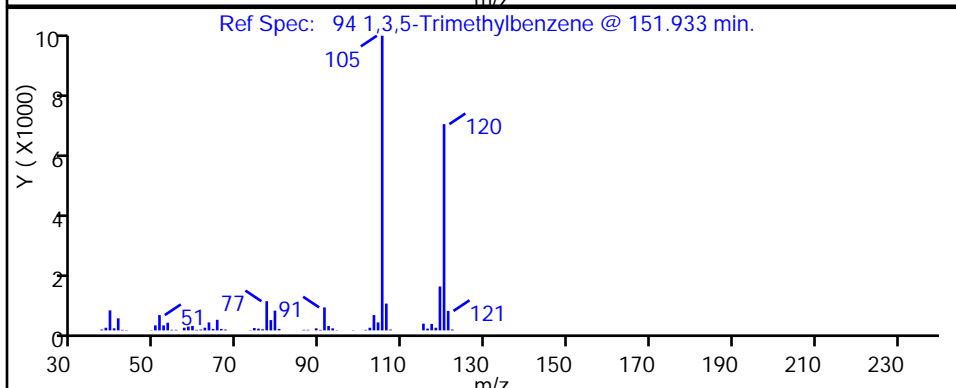
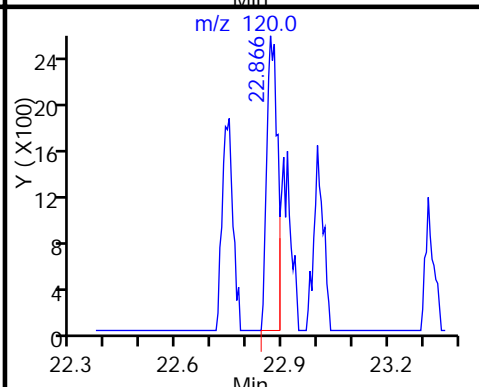
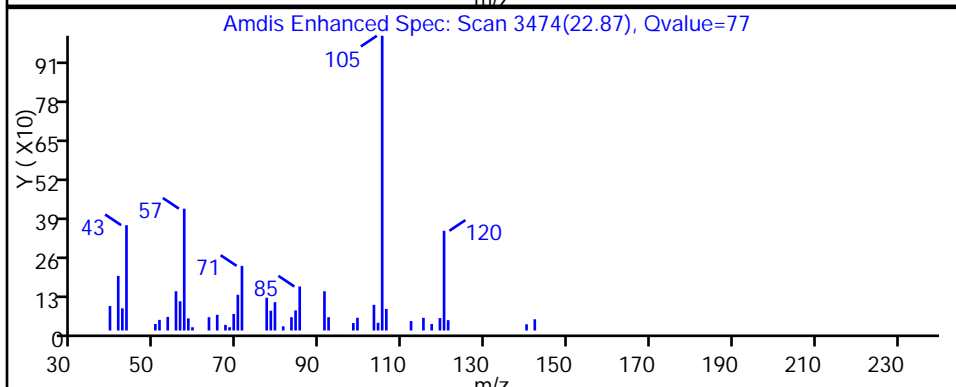
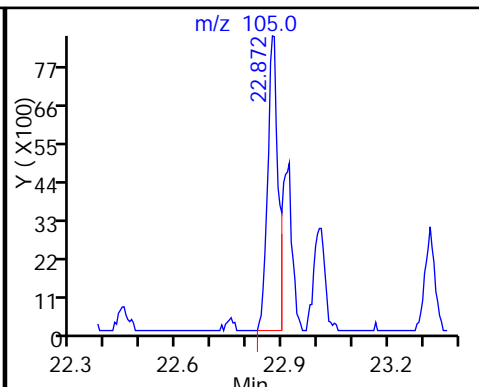
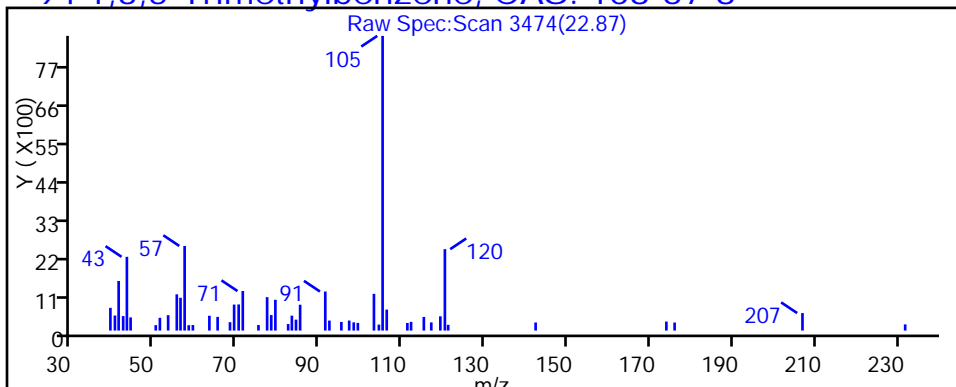
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

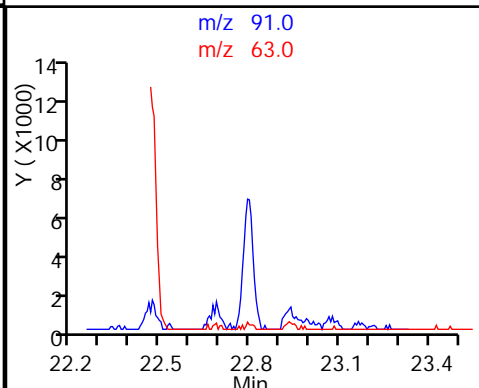
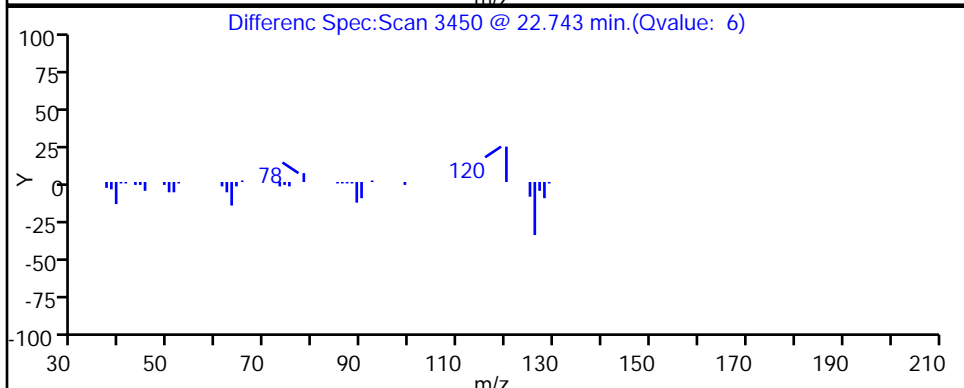
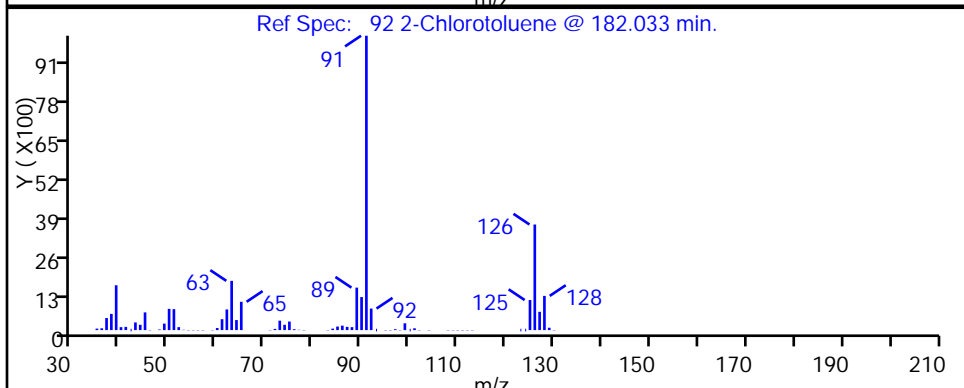
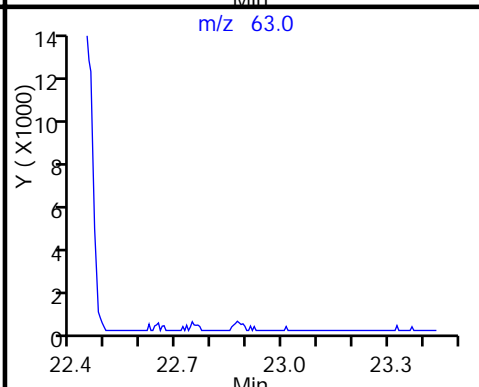
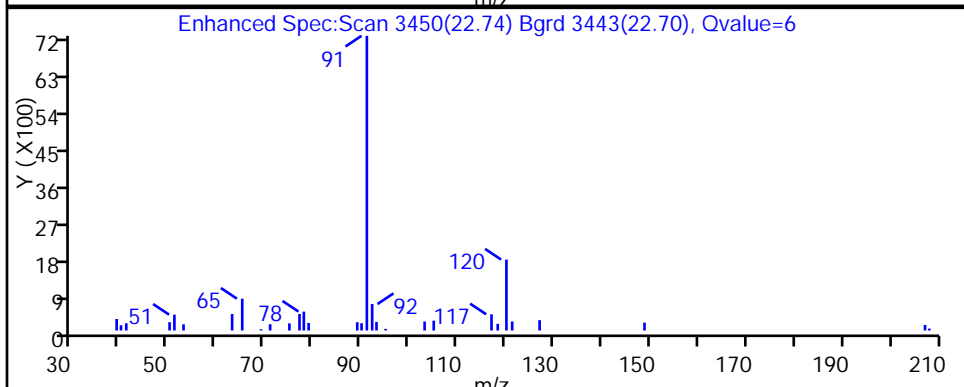
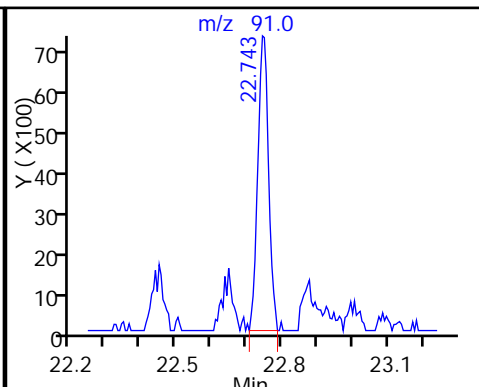
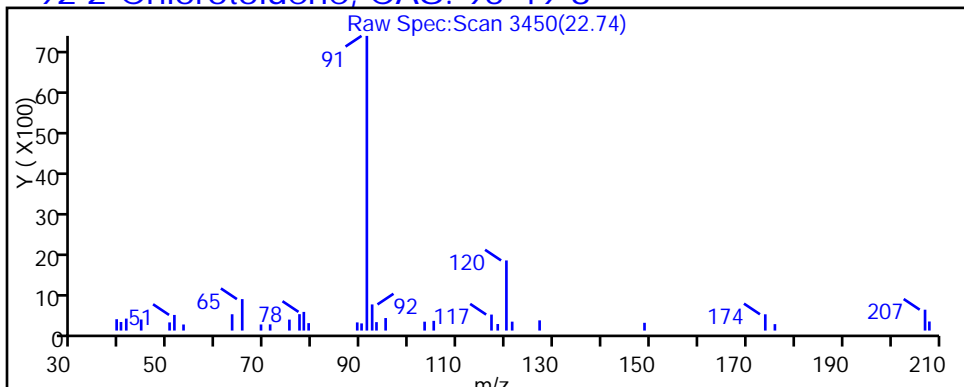
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

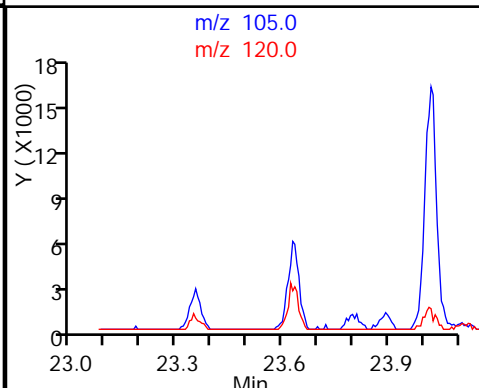
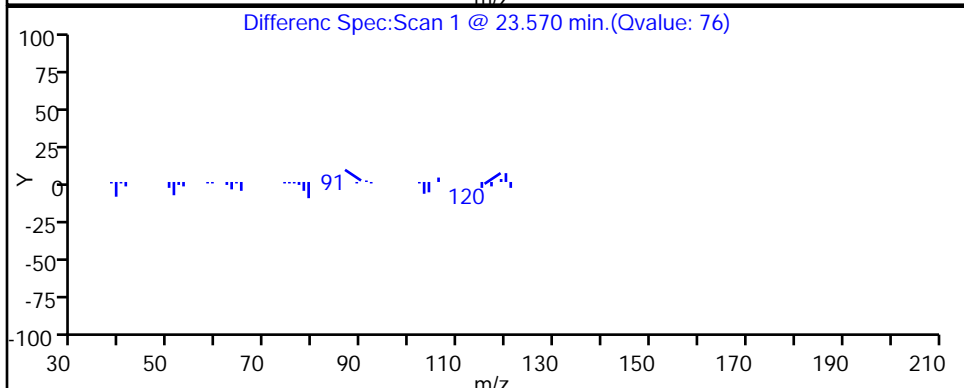
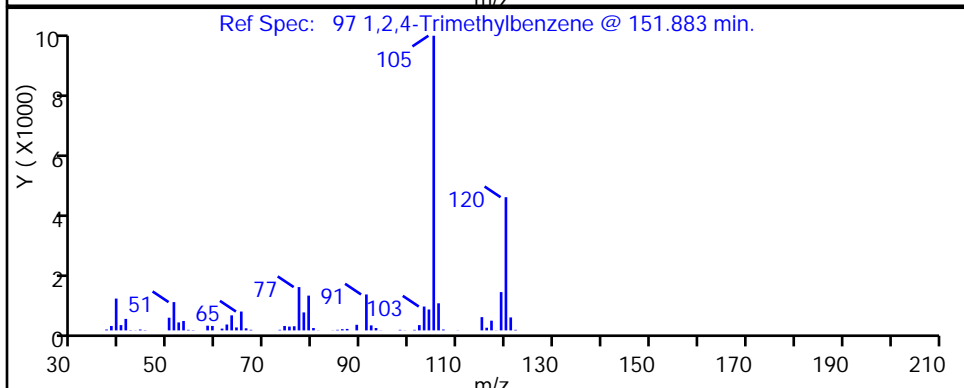
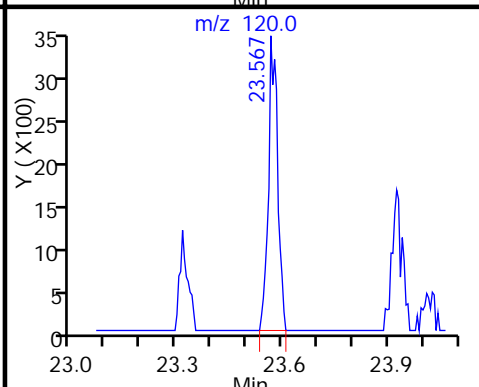
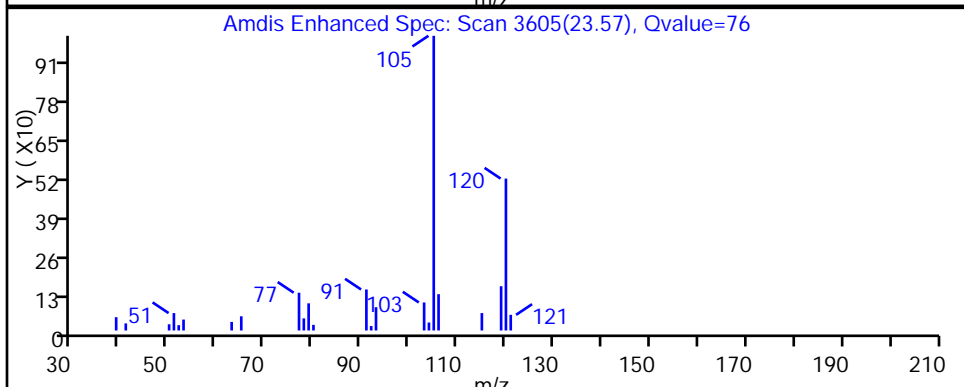
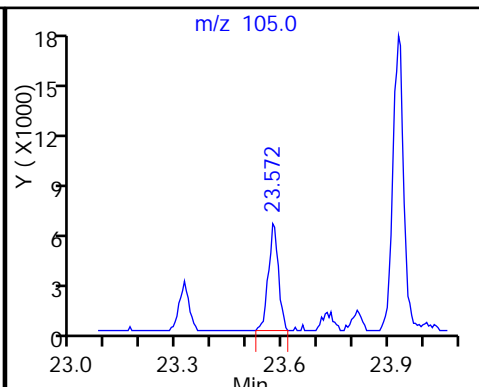
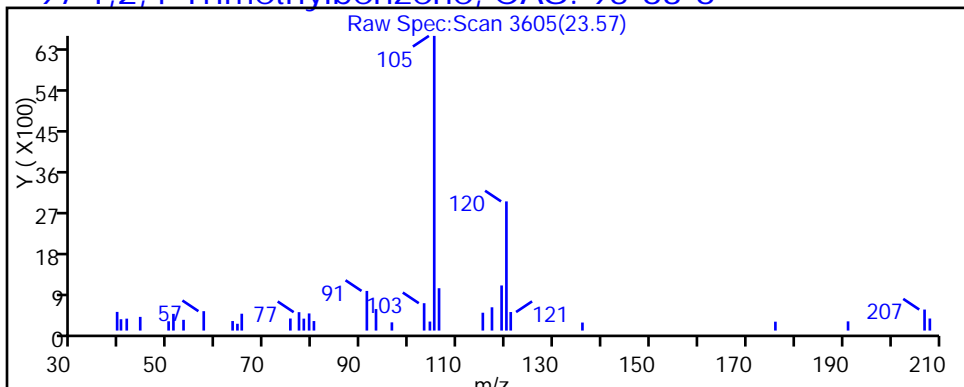
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_016.d

Injection Date: 17-Feb-2014 23:52:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-3

Lab Sample ID: 200-20955-3

Client ID: IA-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

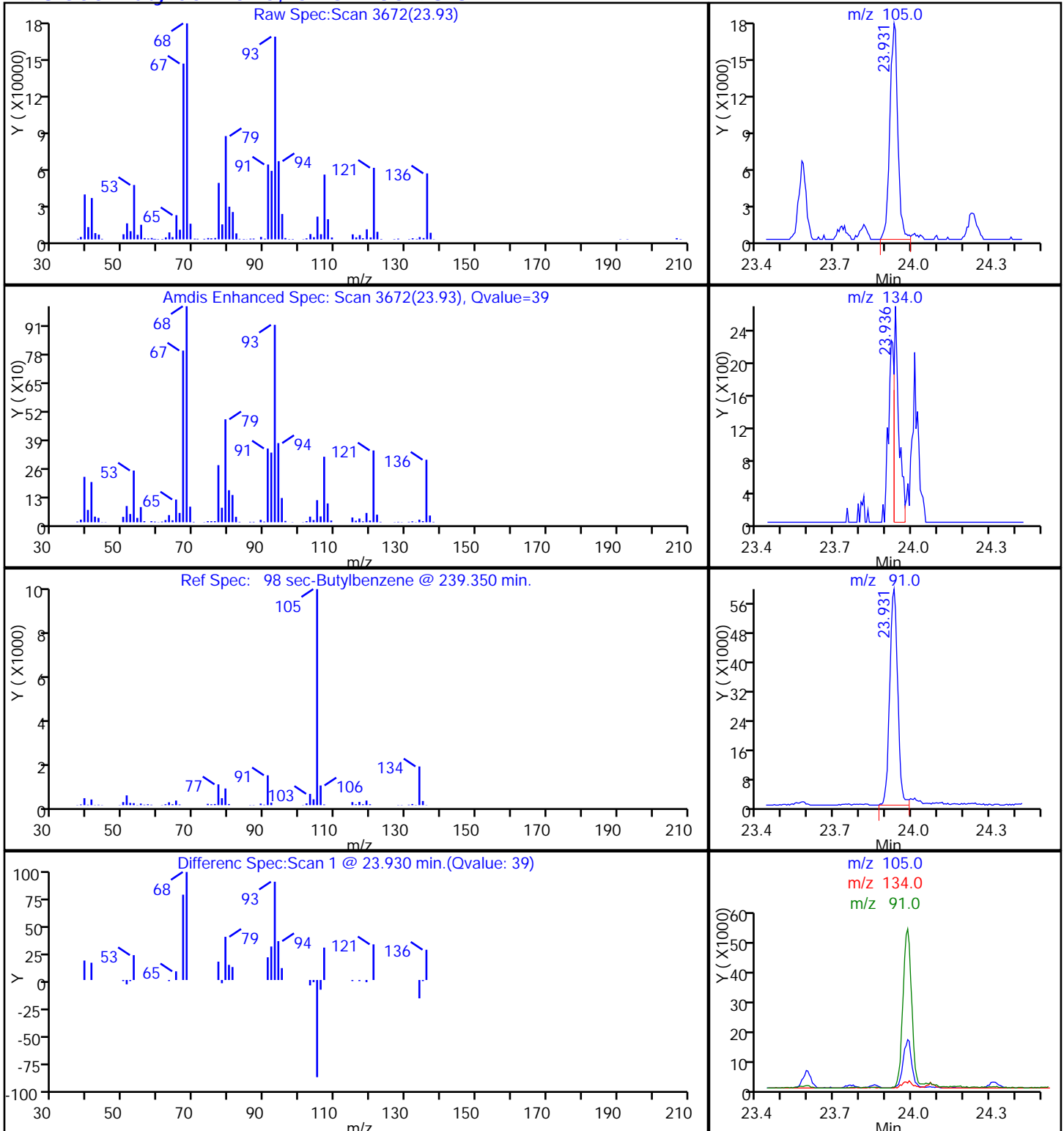
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

98 sec-Butylbenzene, CAS: 135-98-8



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2C Lab Sample ID: 200-20955-5
 Matrix: Air Lab File ID: 6171_017.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 00:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.49	J	0.50	0.030
75-45-6	Freon 22	86.47	9.4		0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.52		0.50	0.14
106-97-8	n-Butane	58.12	1.3		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.31		0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.44		0.20	0.030
76-13-1	Freon 113	187.38	0.075	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	4.6	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	150	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	1.8		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.27		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.71		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	0.32	J	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	20		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.074		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.32		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.18	J	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2C Lab Sample ID: 200-20955-5
 Matrix: Air Lab File ID: 6171_017.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 00:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.10	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.78		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.12	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.14	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.18	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.065	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.25		0.20	0.034
100-42-5	Styrene	104.15	0.50		0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.078	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.032	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.066	J	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.071	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.12	J	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2C Lab Sample ID: 200-20955-5
 Matrix: Air Lab File ID: 6171_017.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 00:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2C Lab Sample ID: 200-20955-5
 Matrix: Air Lab File ID: 6171_017.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 00:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.4	J	2.5	0.15
75-45-6	Freon 22	86.47	33		1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.1		1.0	0.28
106-97-8	n-Butane	58.12	3.0		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.68		0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	2.5		1.1	0.17
76-13-1	Freon 113	187.38	0.58	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	11	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	380	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	6.4		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.94		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	2.1		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.95	J	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	67		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.47		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	1.0		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.72	J	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2C Lab Sample ID: 200-20955-5
 Matrix: Air Lab File ID: 6171_017.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 00:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	0.42	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	2.9		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.57	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.63	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.79	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.28	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.1		0.87	0.15
100-42-5	Styrene	104.15	2.1		0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.38	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.16	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	0.34	J	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.35	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	0.64	J	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-2C Lab Sample ID: 200-20955-5
 Matrix: Air Lab File ID: 6171_017.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 00:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d
 Lims ID: 200-20955-A-5 Lab Sample ID: 200-20955-5
 Client ID: IA-VMP-2C
 Sample Type: Client
 Inject. Date: 18-Feb-2014 00:44:30 ALS Bottle#: 15 Worklist Smp#: 17
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-017
 Misc. Info.: 200-20955-A-5
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:48:27 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.501	4.474	0.027	83	80695	0.4934	
6 Chlorodifluoromethane	51	4.431	4.538	-0.107	38	582217	9.40	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50	5.041	5.020	0.021	90	14596	0.5185	
9 Butane	43	5.309	5.287	0.022	90	57076	1.25	
10 Vinyl chloride	62		5.341					
11 Butadiene	54	5.469	5.442	0.027	85	7650	0.3070	
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.213	7.192	0.021	83	80290	0.4380	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.481	8.438	0.043	76	8625	0.0752	
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.786	8.749	0.038	87	240350	4.63	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.112	9.027	0.085	97	6714102	154.3	E
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.754	9.733	0.021	77	66529	1.84	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.669	10.648	0.021	87	13291	0.2656	
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72	12.413	12.392	0.021	97	15703	0.7142	
44 Tetrahydrofuran	42	13.098	12.852	0.246	27	10186	0.3218	
* 43 Chlorobromomethane	128	12.868	12.852	0.016	69	357600	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.280	13.258	0.022	83	1192245	19.5	
47 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117	13.547	13.531	0.016	58	11867	0.0744	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response		On-Col Amt ppb v/v	Flags		
	51		57		13.927					
	50		78	14.002	13.986	0.016	90	46484	0.3189	
	52		62		14.141					
	53		43	14.291	14.275	0.016	62	8959	0.1764	
*	54		114	14.756	14.746	0.010	93	1672703	10.0	
	56		95		15.206					
	58		63		15.730					
	59		69	15.826	15.810	0.016	71	4725	0.1026	
	60		88		15.901					
	62		83		16.222					
	64		75		17.083					
	65		43		17.319					
	66		92	17.666	17.661	0.005	93	82993	0.7761	
	70		75		18.191					
	71		83		18.560					
	72		166		18.694					
	73		43		18.950					
	74		129		19.314					
	75		107		19.598					
S	82		106				0		0.2462	7
*	76		117	20.448	20.443	0.005	81	1474613	10.0	
	77		112	20.507	20.496	0.011	38	22254	0.1244	
	78		91	20.619	20.614	0.005	91	36144	0.1447	
	80		106	20.828	20.833	-0.005	100	18233	0.1809	
	83		106	21.550	21.545	0.005	38	6211	0.0653	
	84		104	21.588	21.582	0.006	98	70920	0.5026	
	85		173		21.962					
\$	87		95	22.444	22.444	0.0	97	1004508	NC	
	88		83		22.668					
	90		91		22.743					
	91		105	22.872	22.909	-0.037	91	25231	0.0775	
	92		91	22.749	22.941	-0.192	1	18886	0.0663	
	94		105	22.909	23.000	-0.091	45	9653	0.0320	
	96		119		23.476					
	97		105	23.572	23.573	-0.001	84	20293	0.0706	
	98		105	23.926	23.808	0.118	39	45983	0.1161	
	99		119		24.011					
	100		146		24.081					
	101		146		24.225					
	102		91		24.434					
	103		91		24.653					
	105		146		24.830					
	107		180		27.724					
	108		225		27.927					
	109		128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Worklist Smp#: 17

Client ID: IA-VMP-2C

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

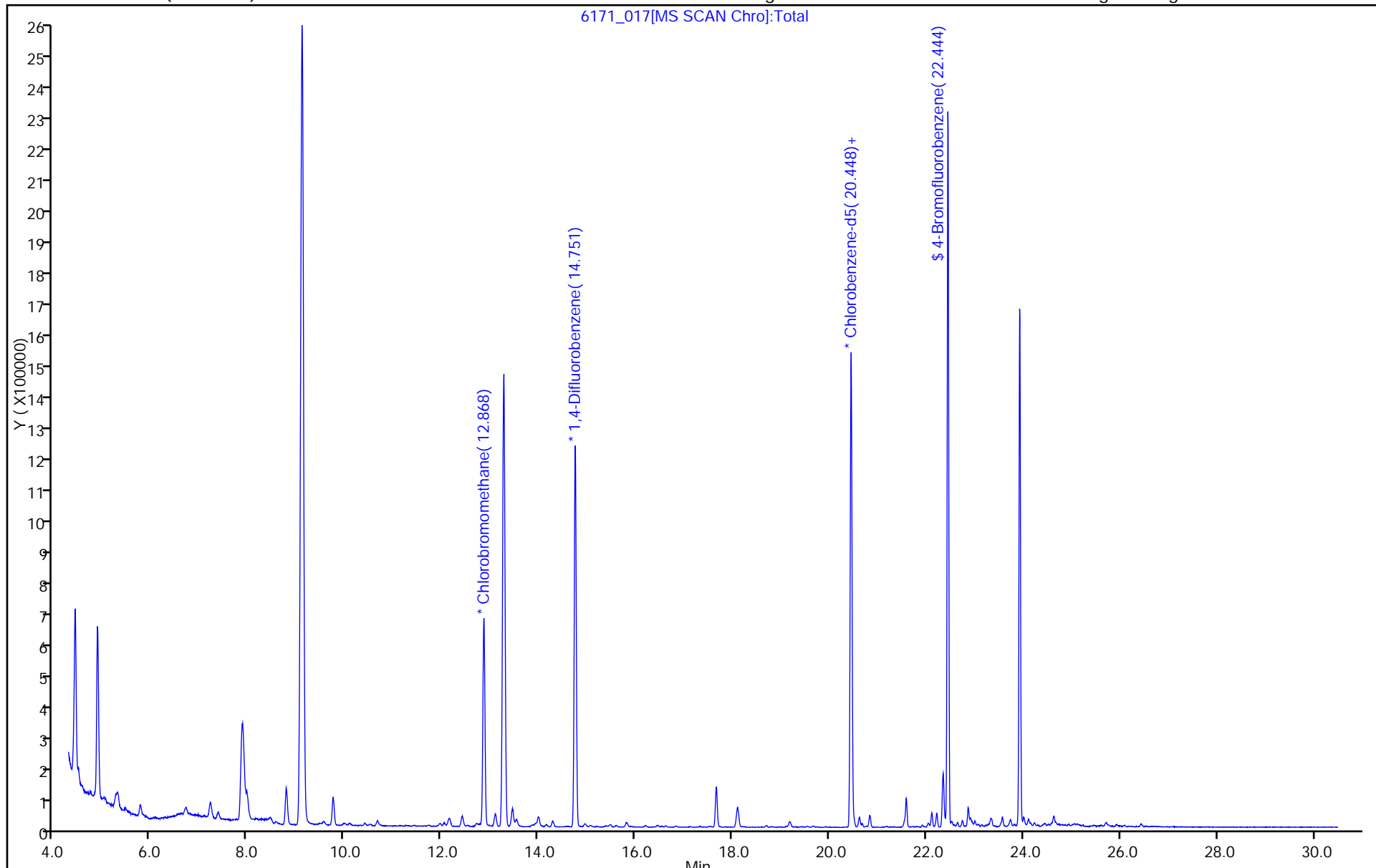
ALS Bottle#: 15

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

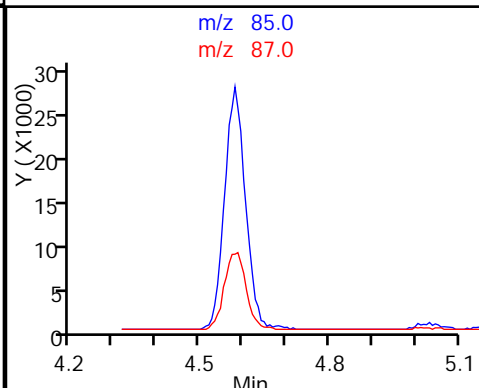
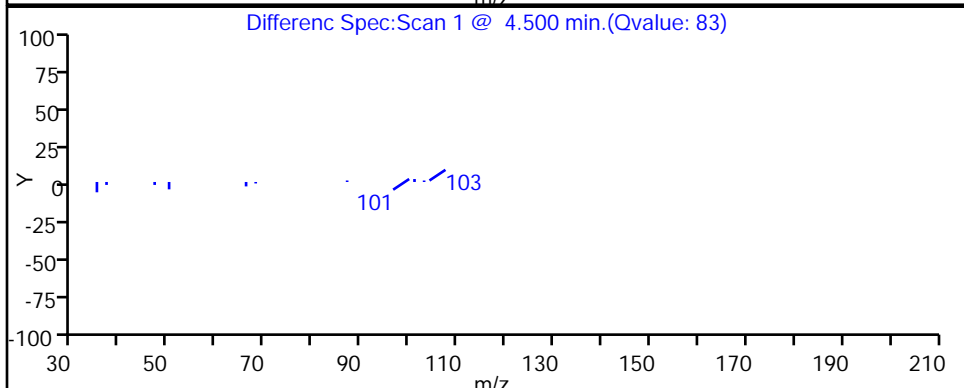
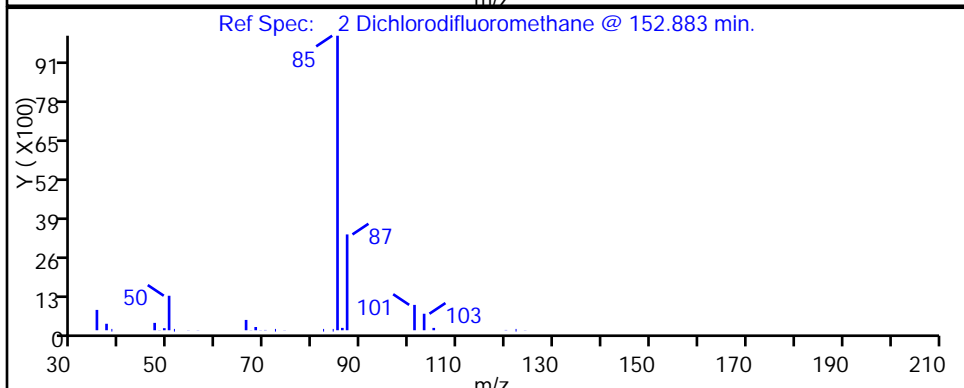
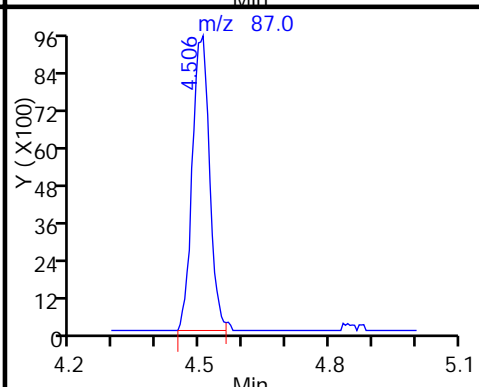
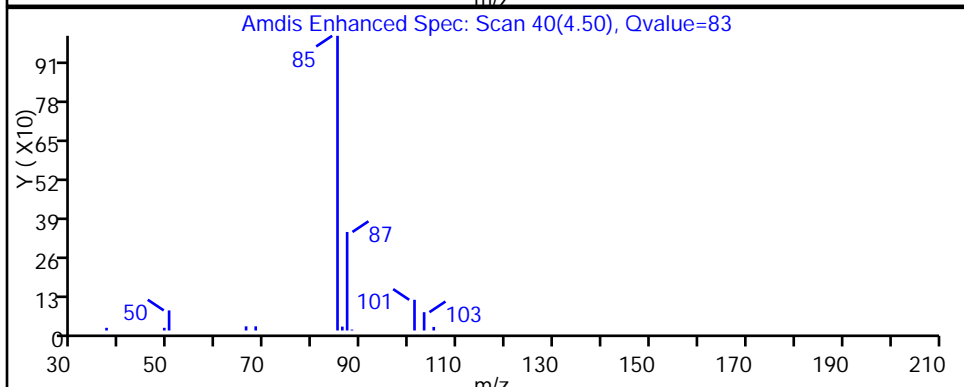
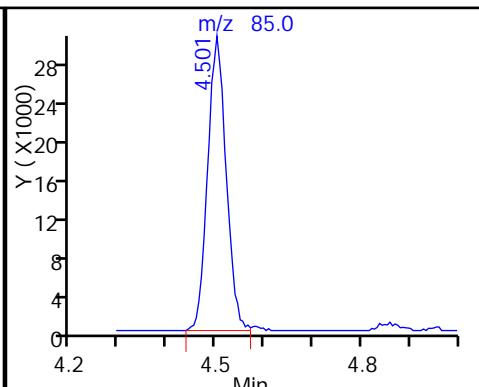
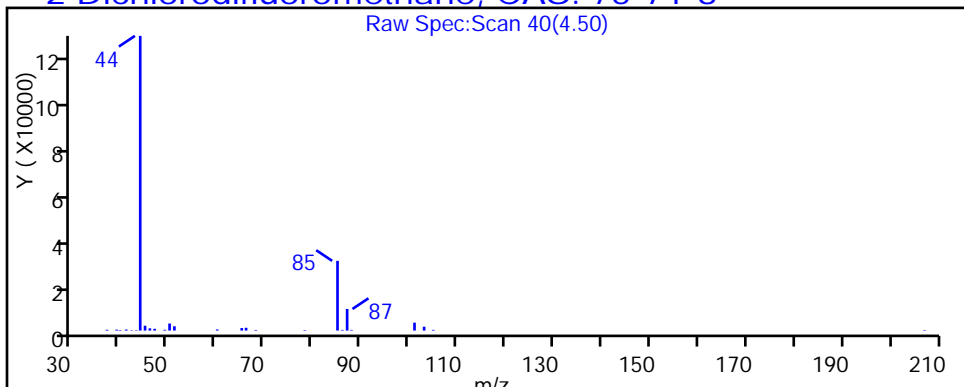
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

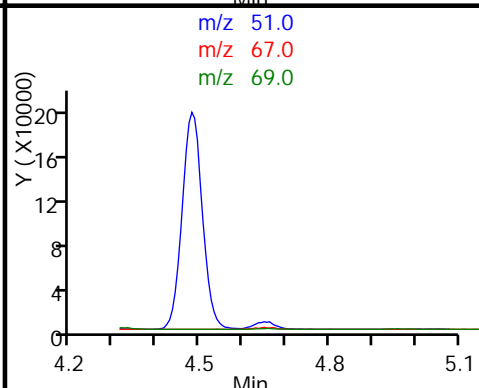
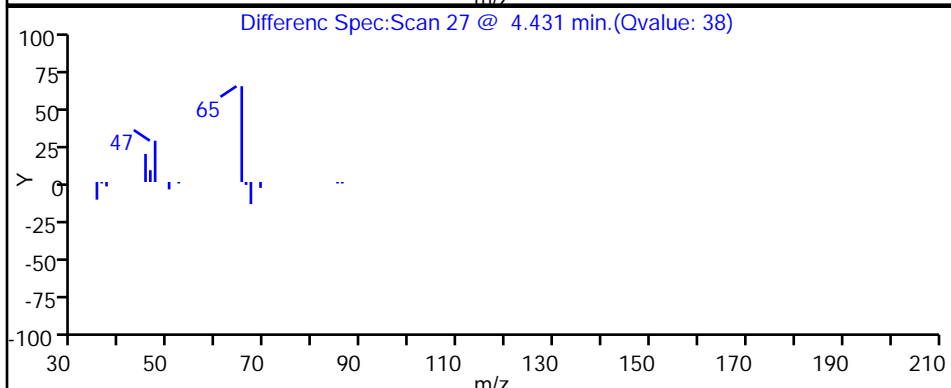
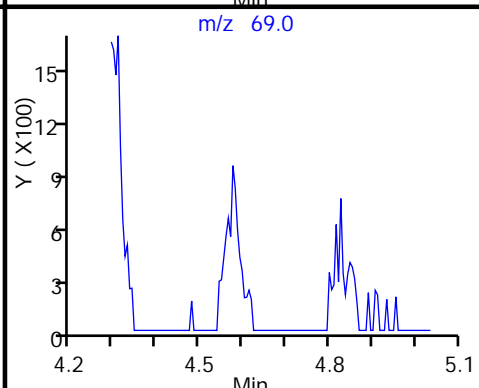
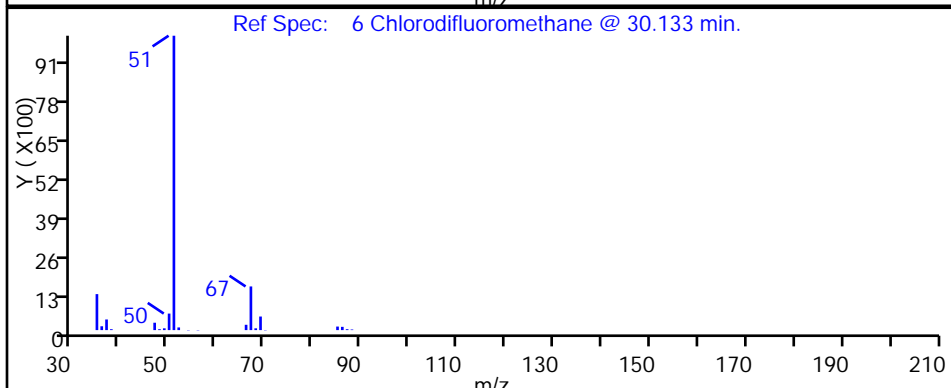
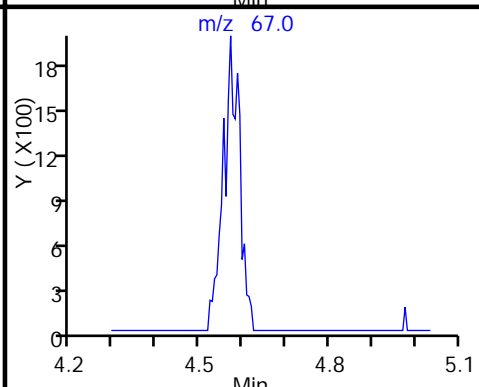
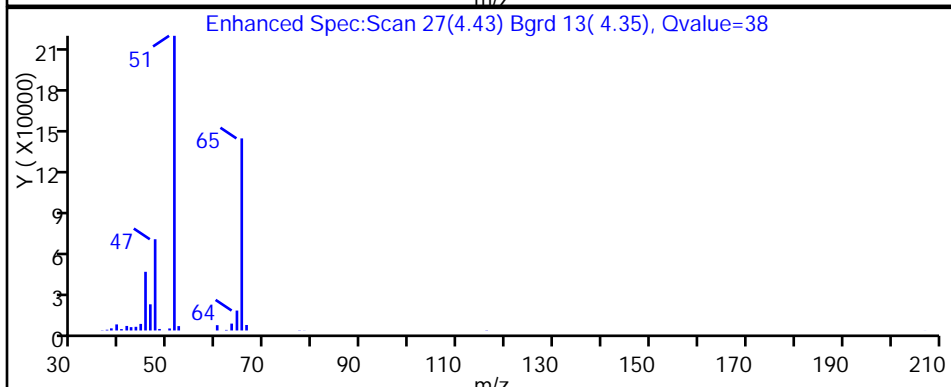
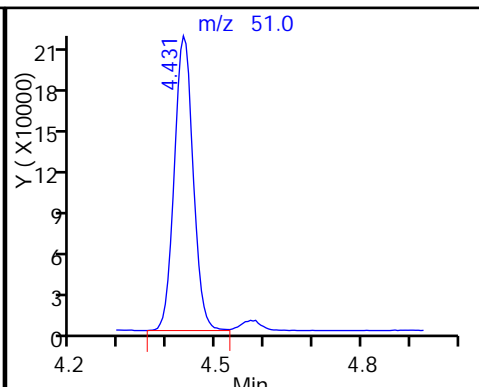
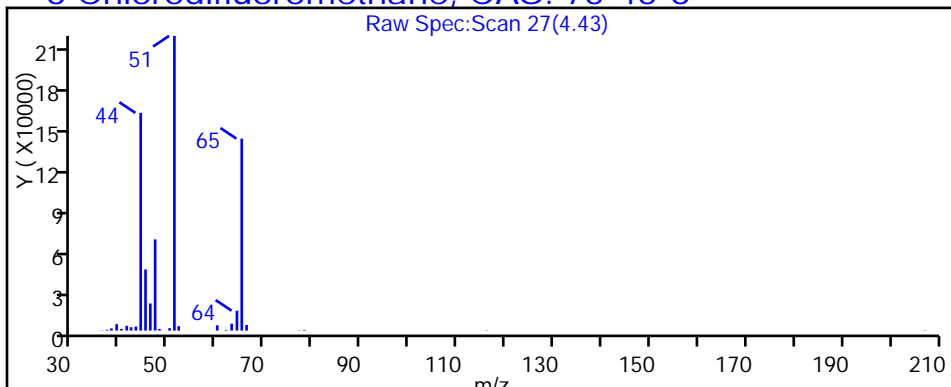
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

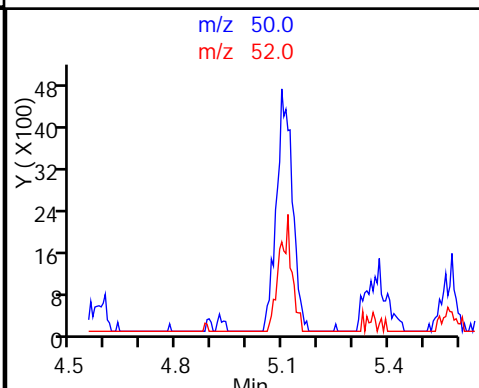
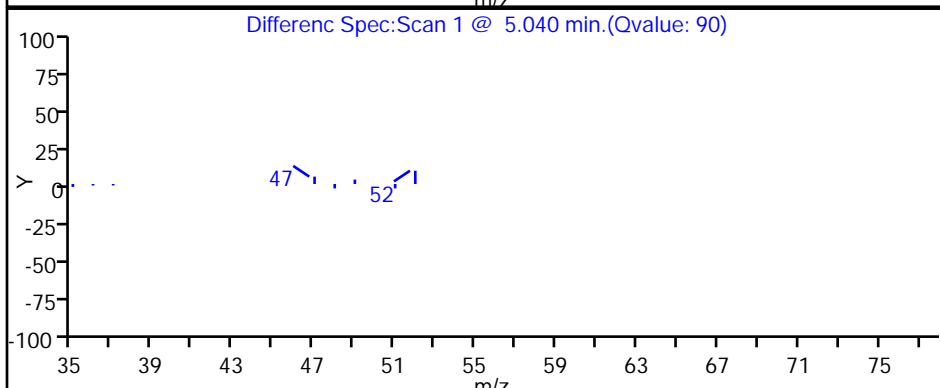
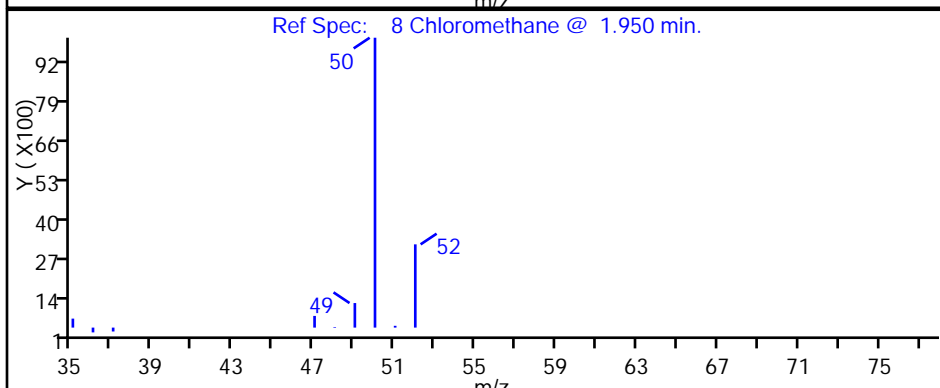
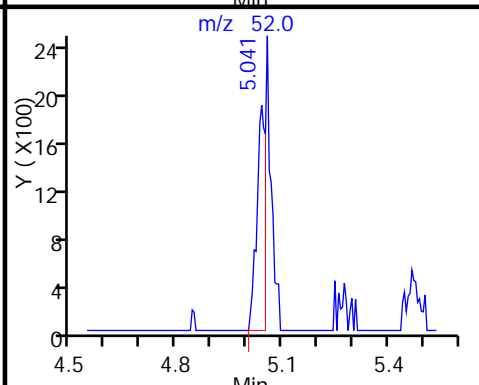
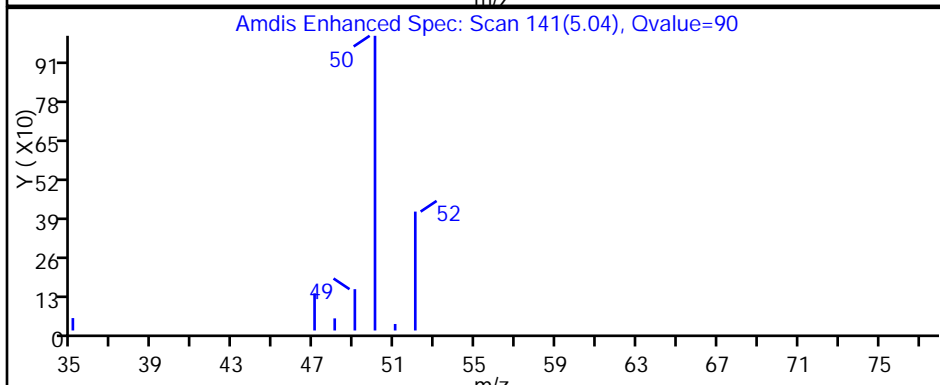
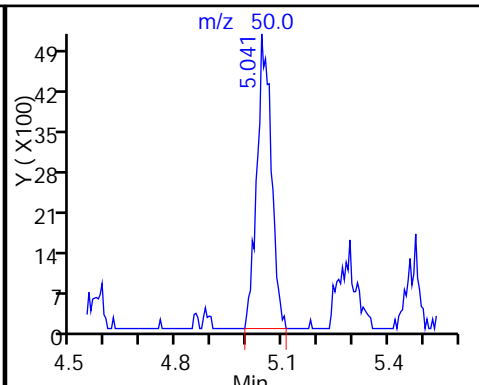
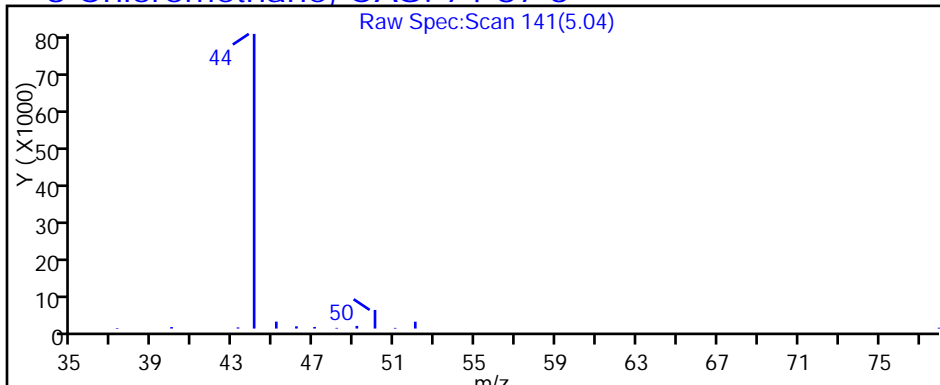
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

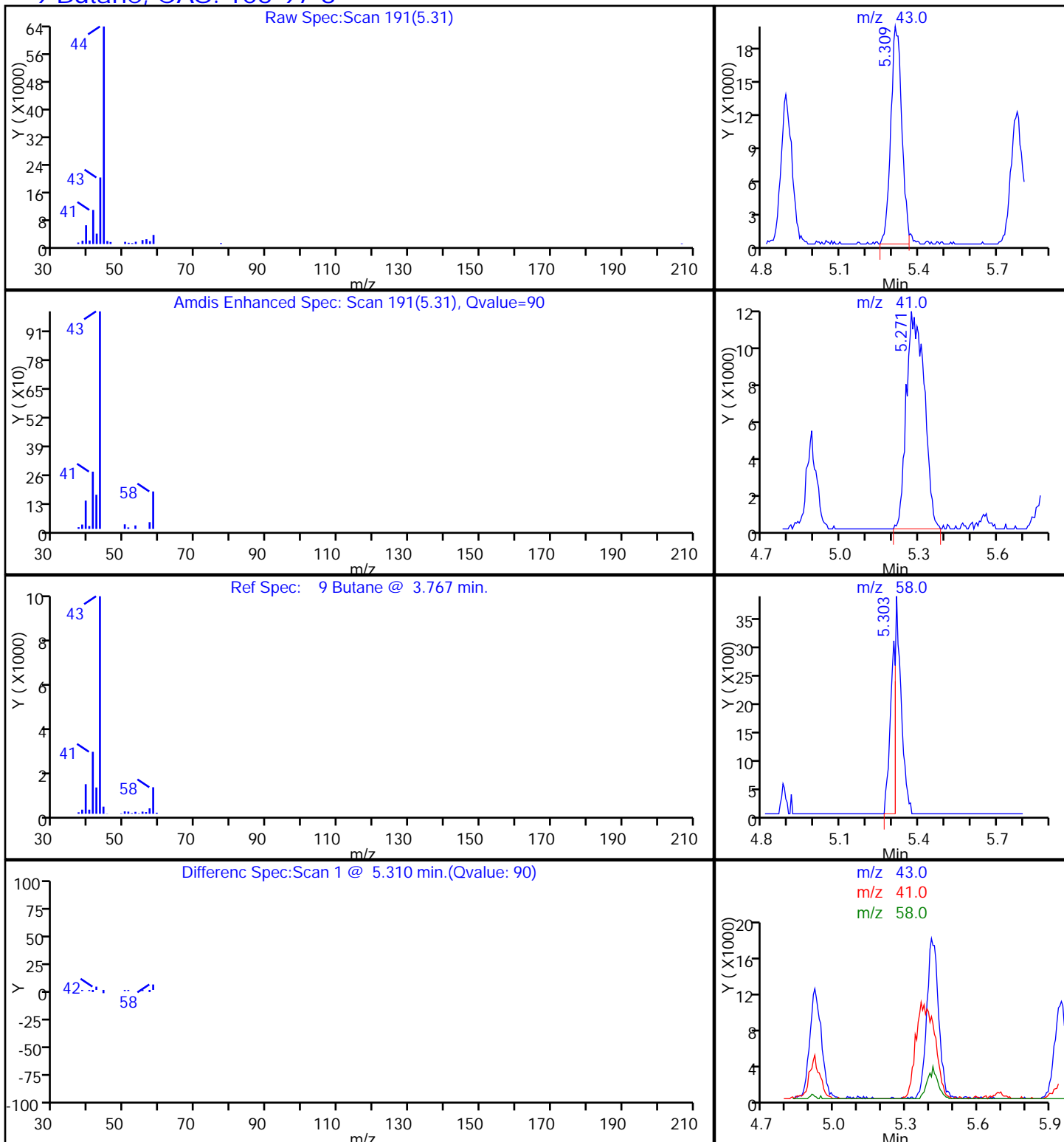
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

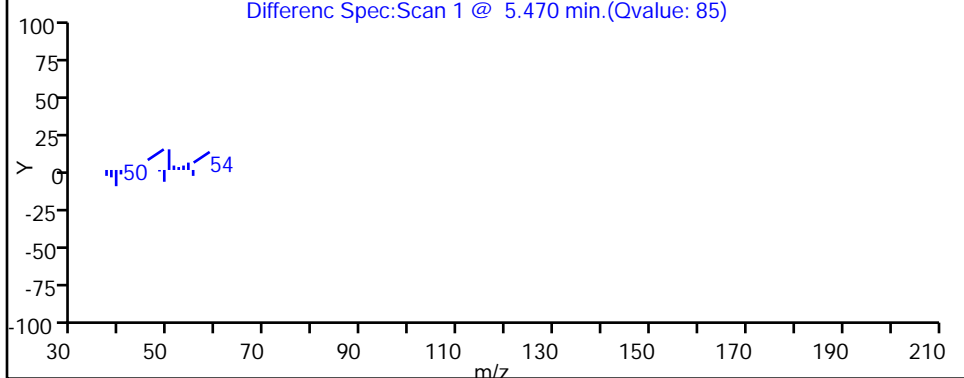
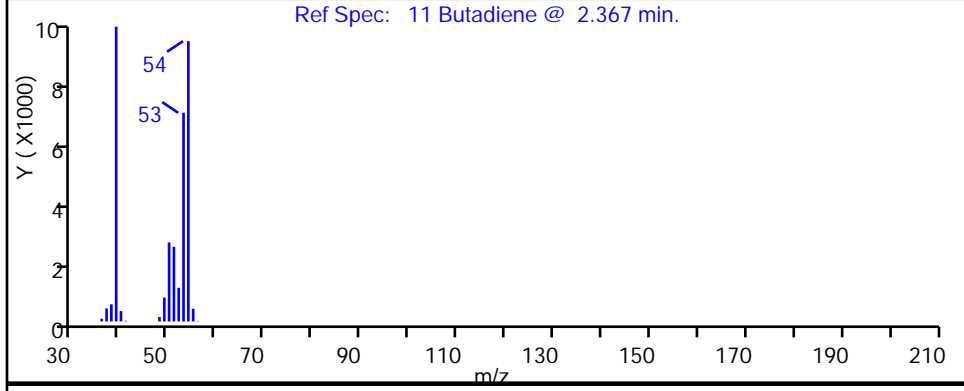
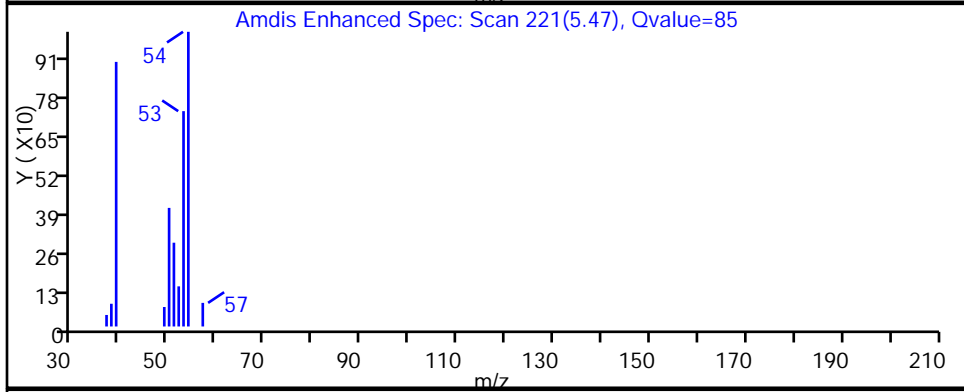
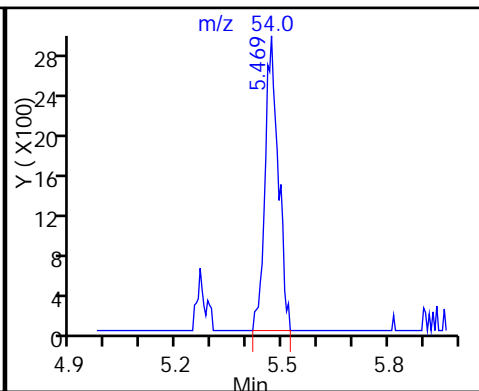
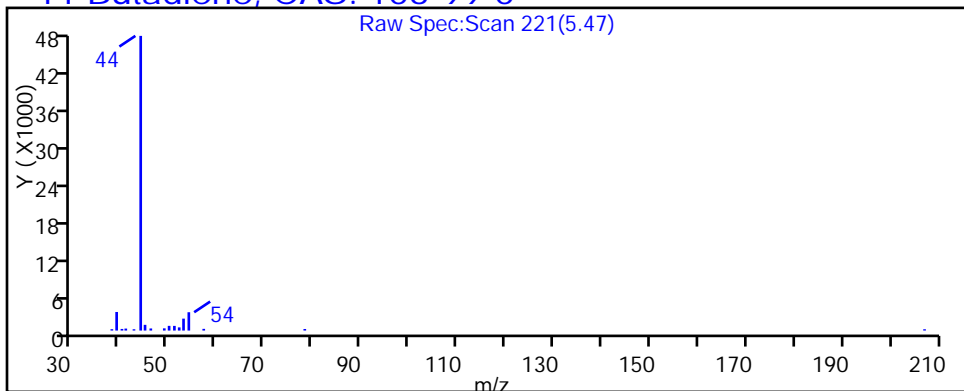
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

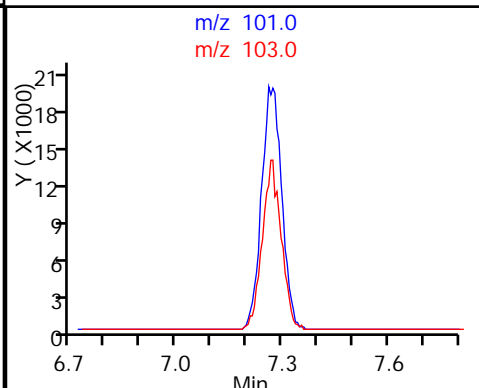
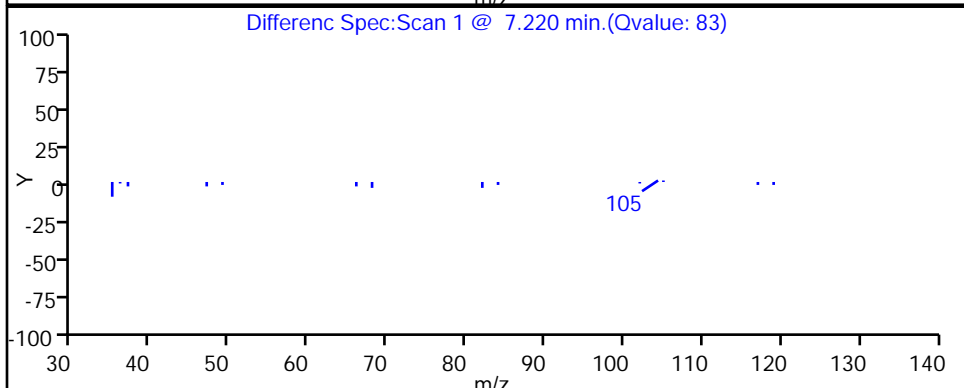
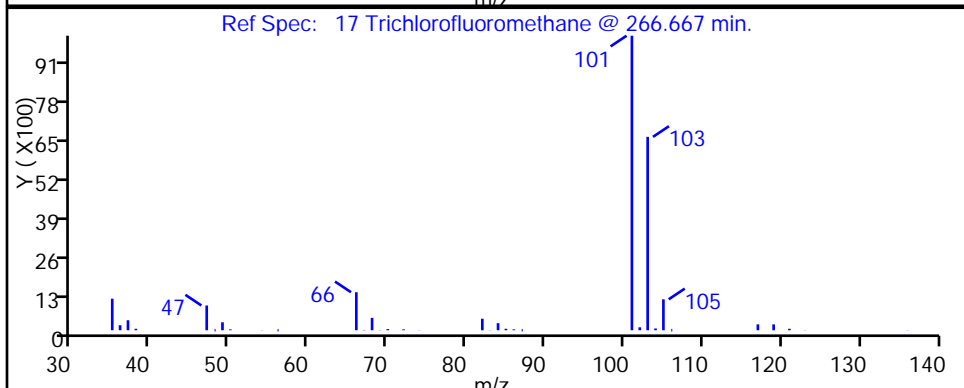
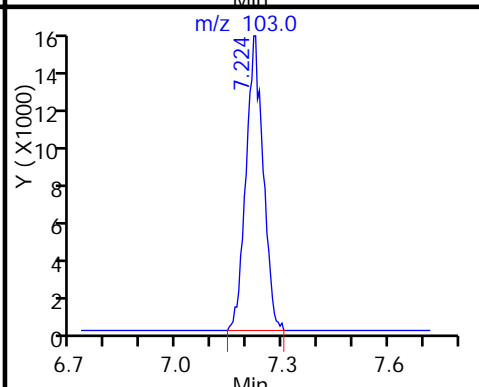
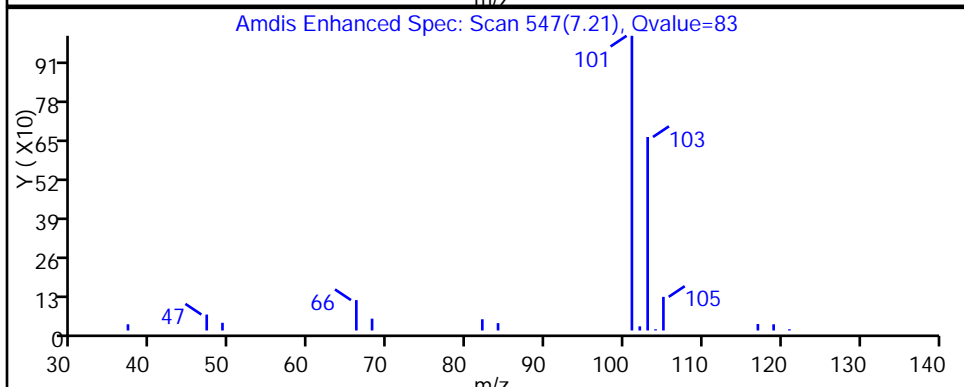
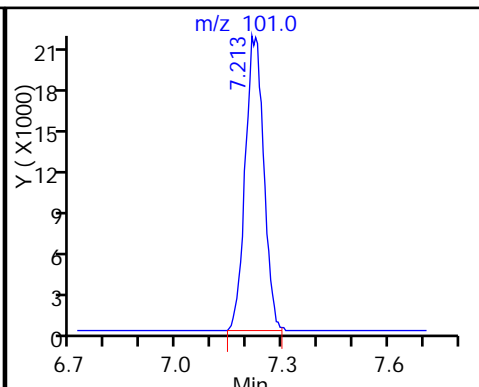
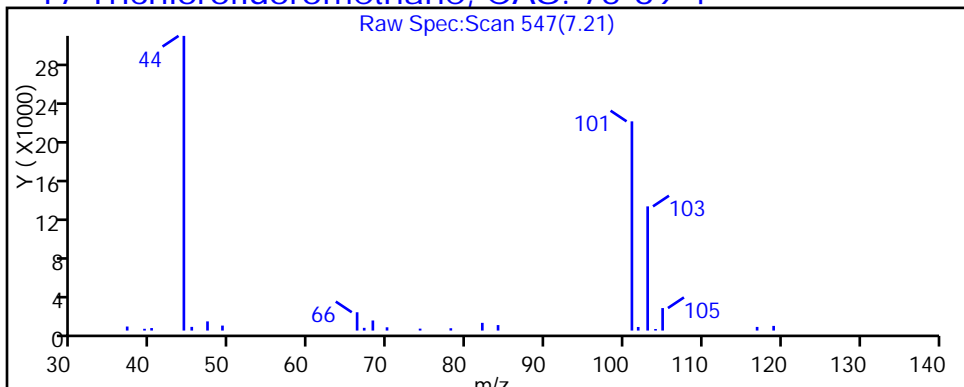
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

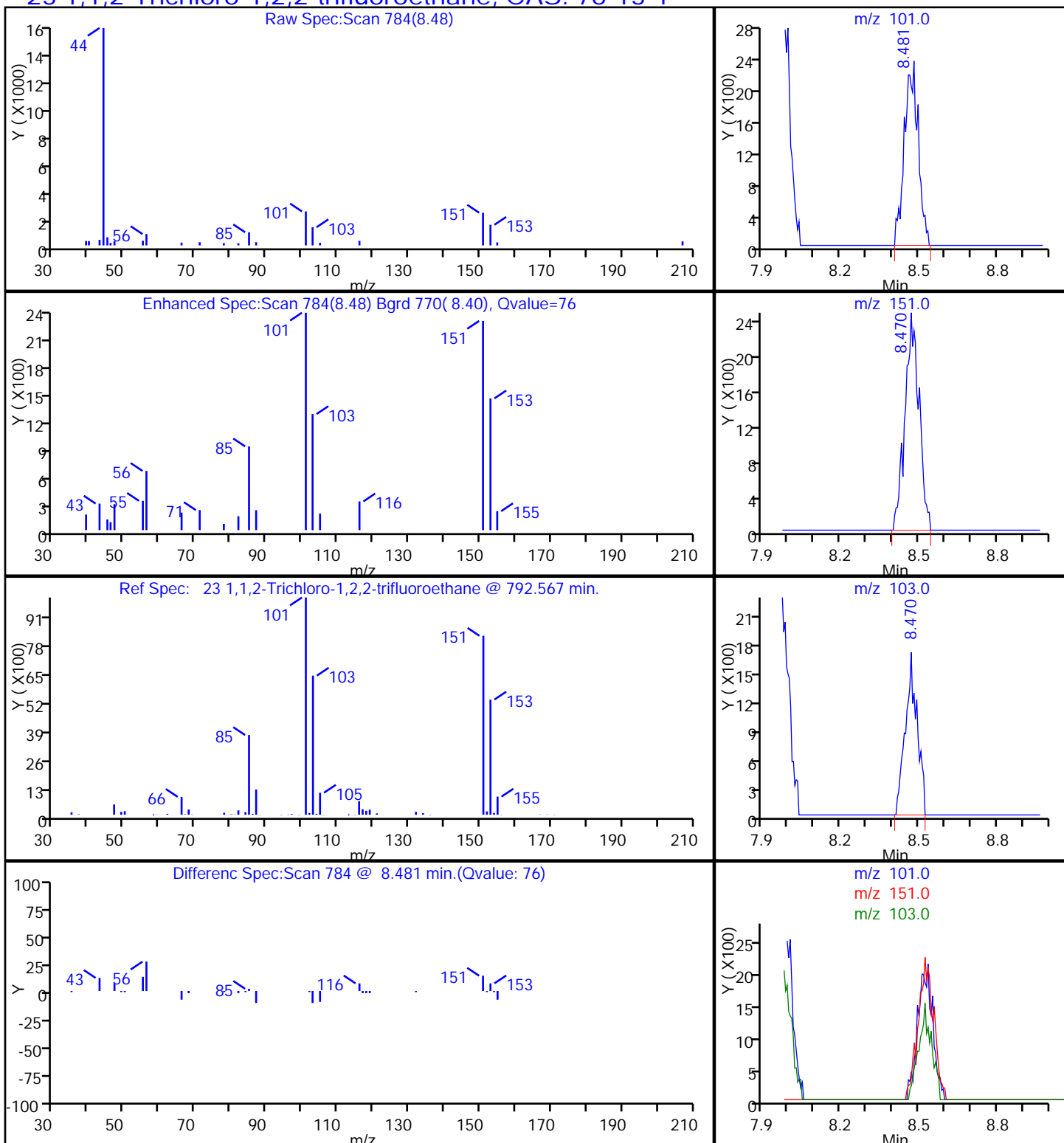
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

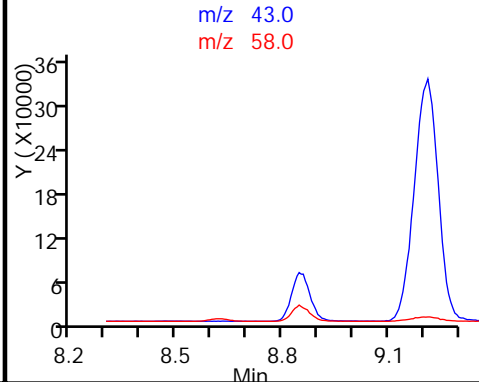
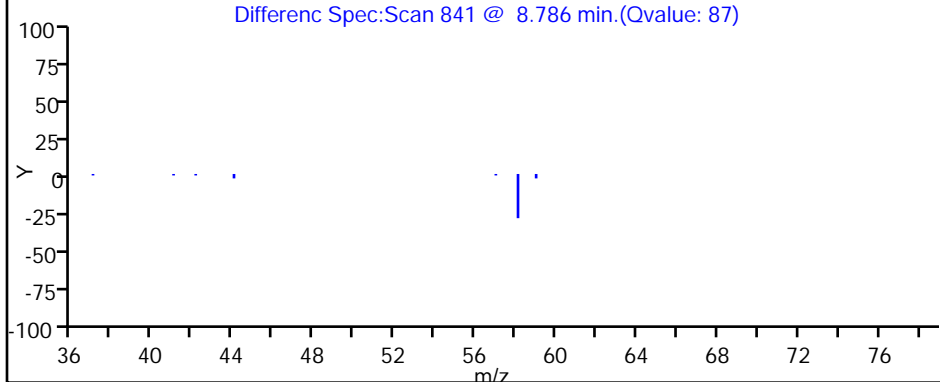
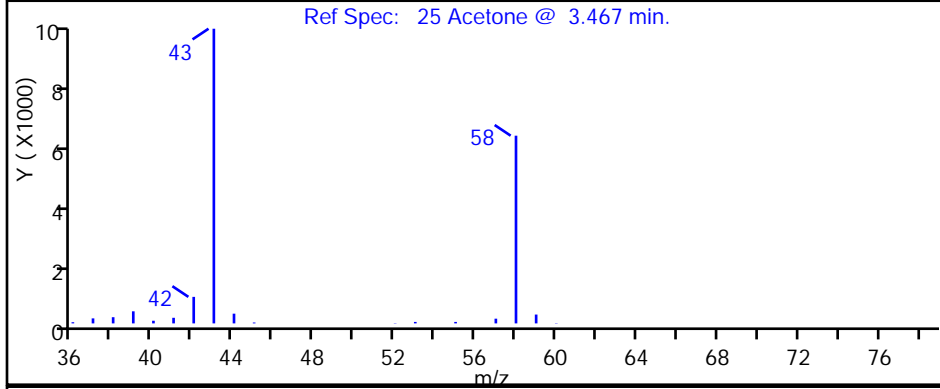
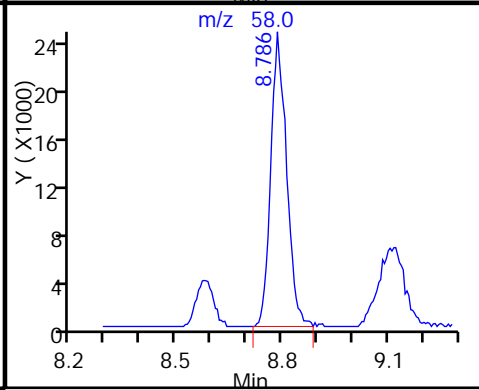
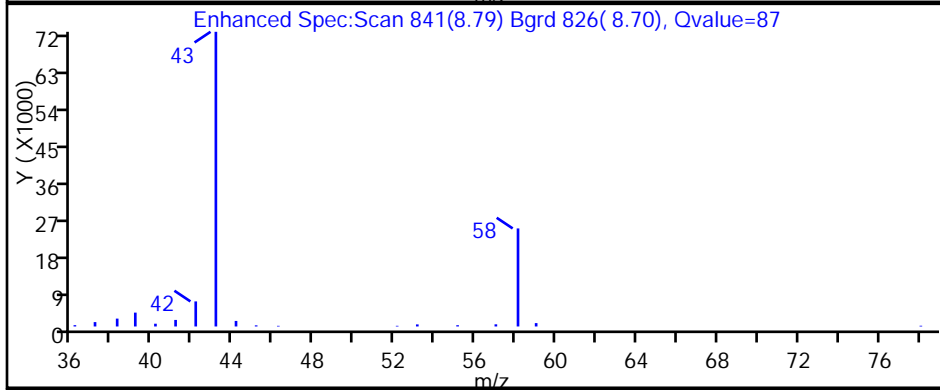
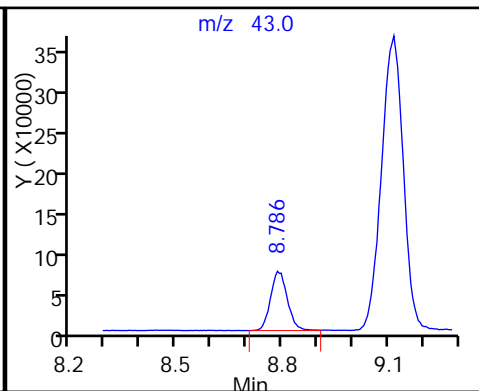
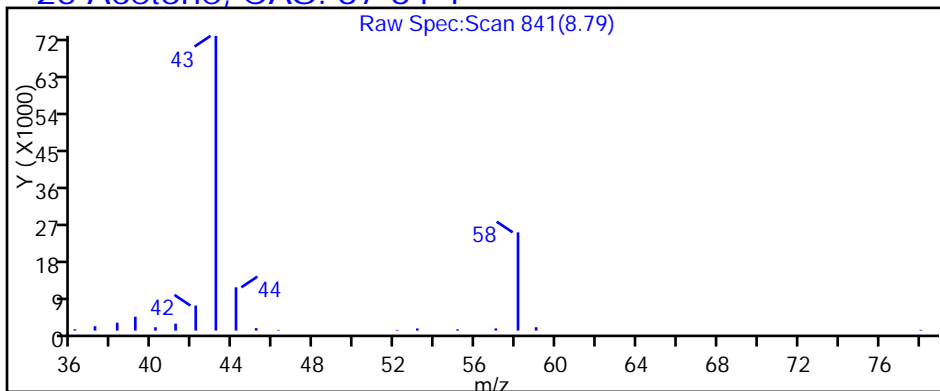
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

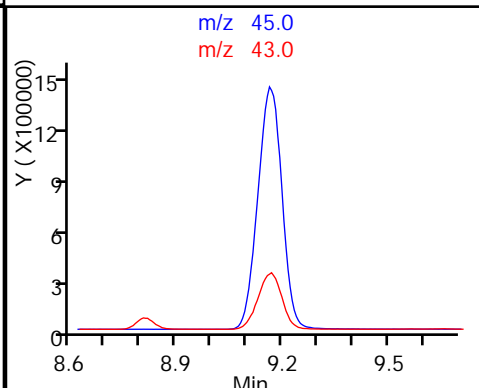
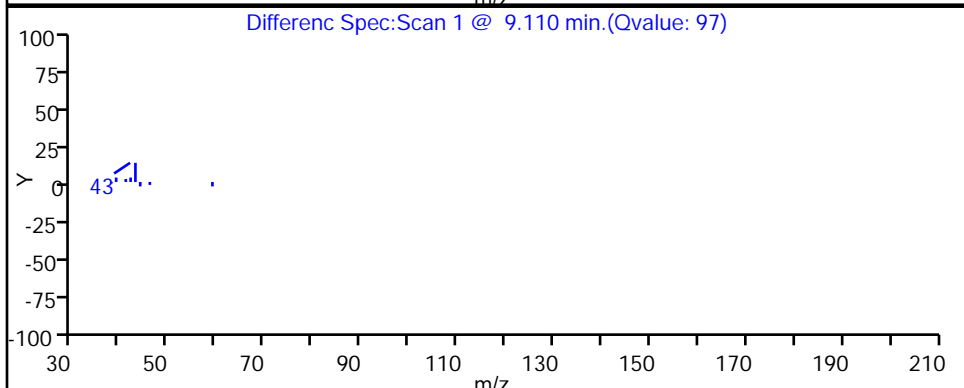
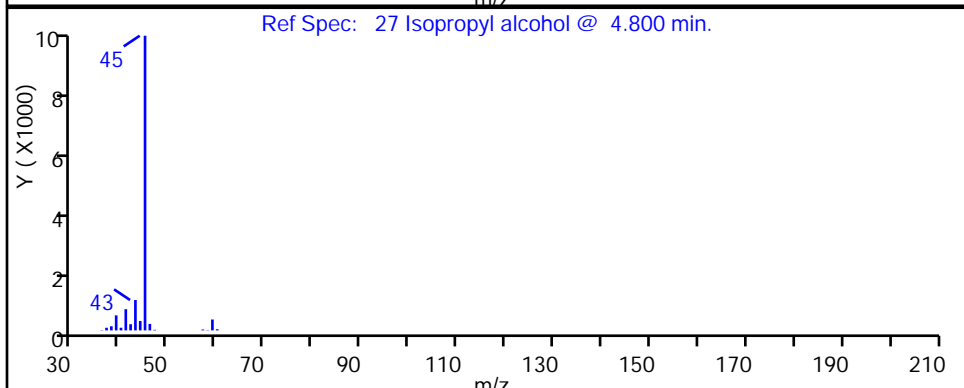
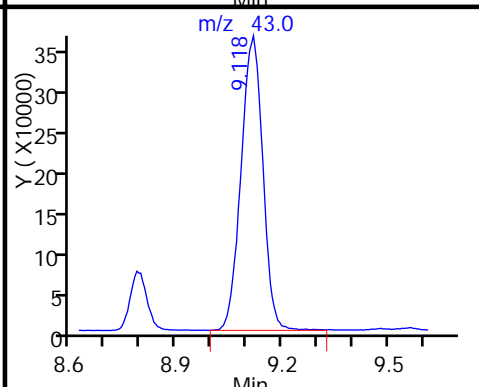
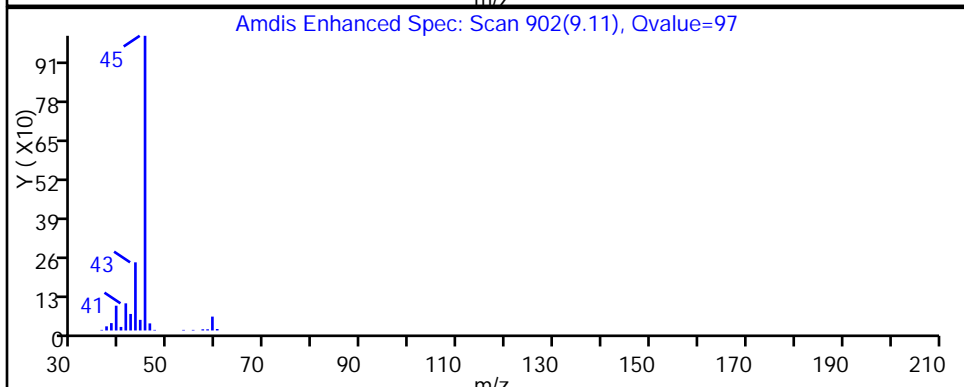
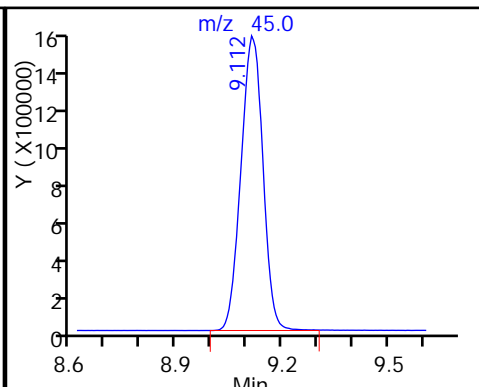
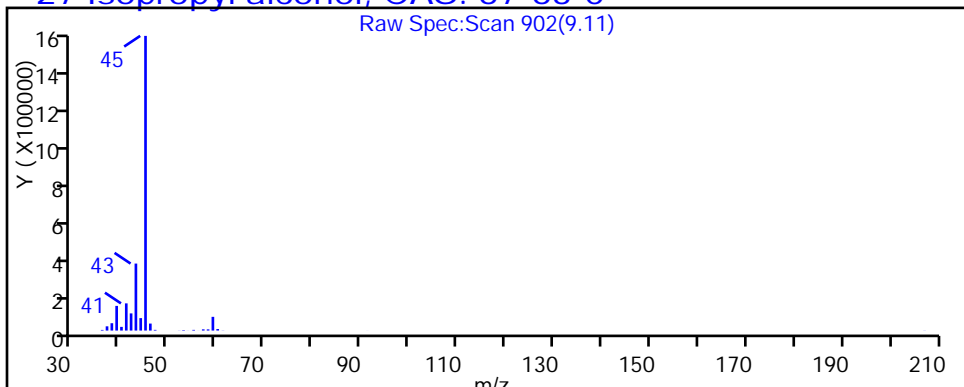
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

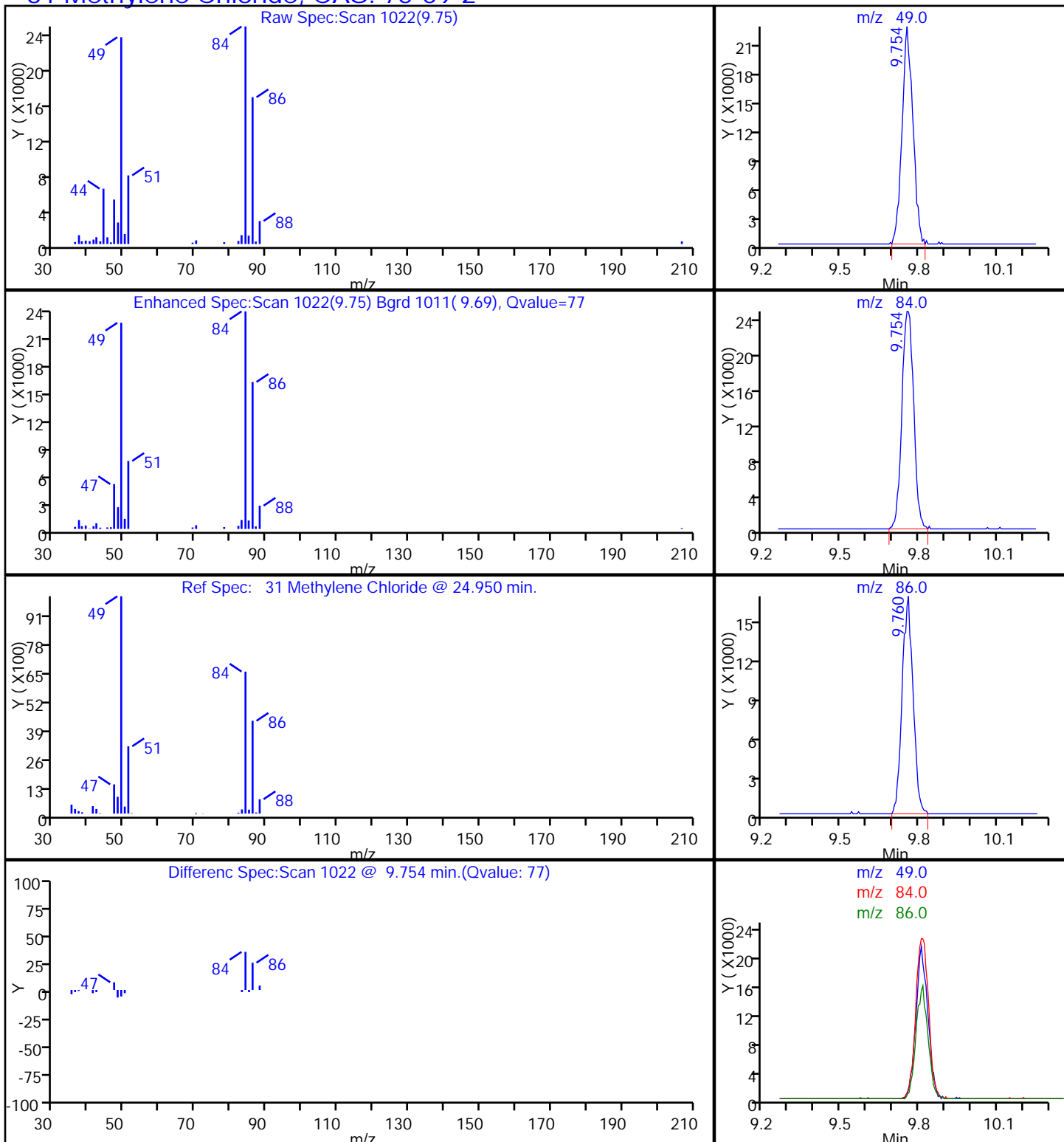
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

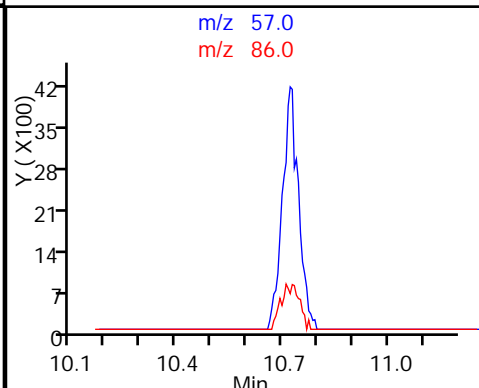
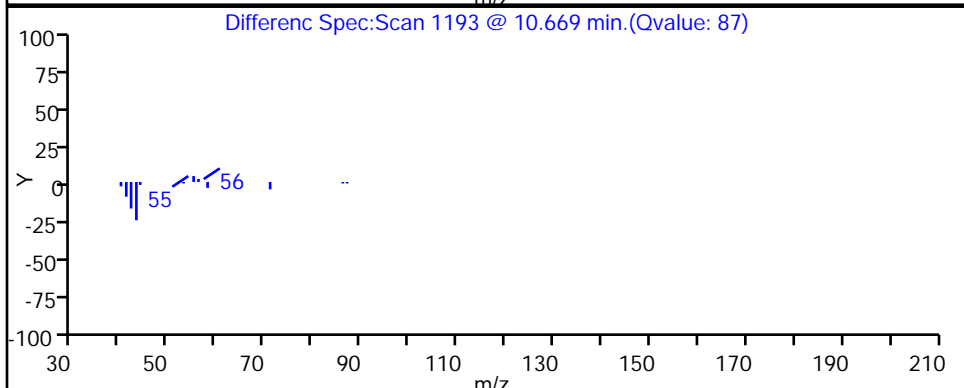
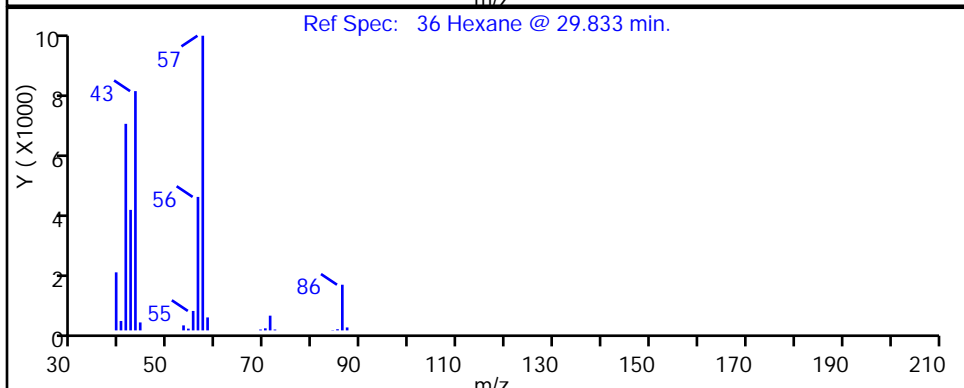
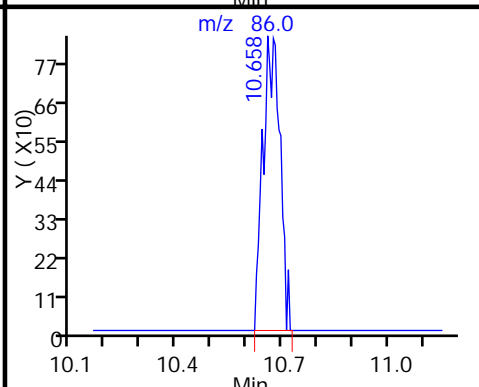
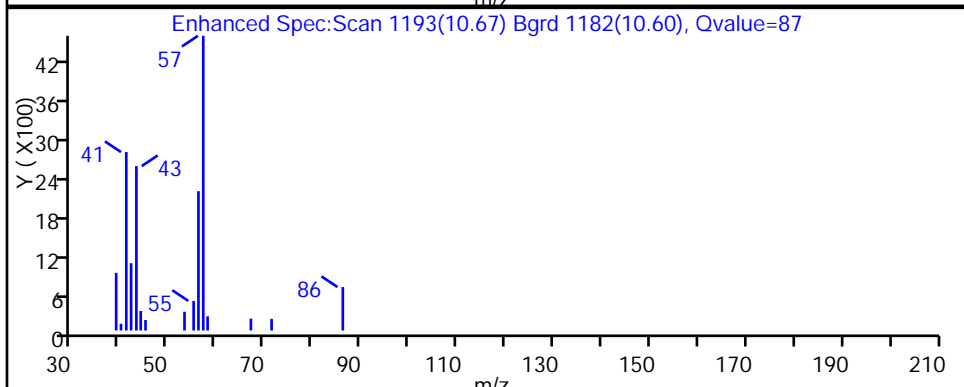
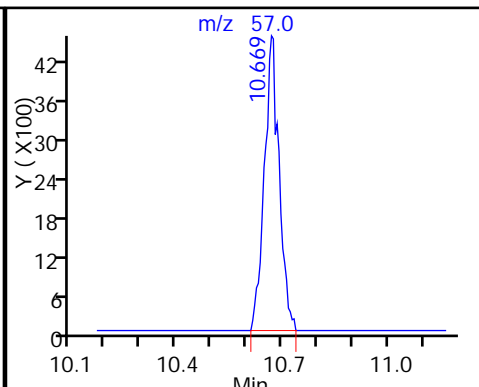
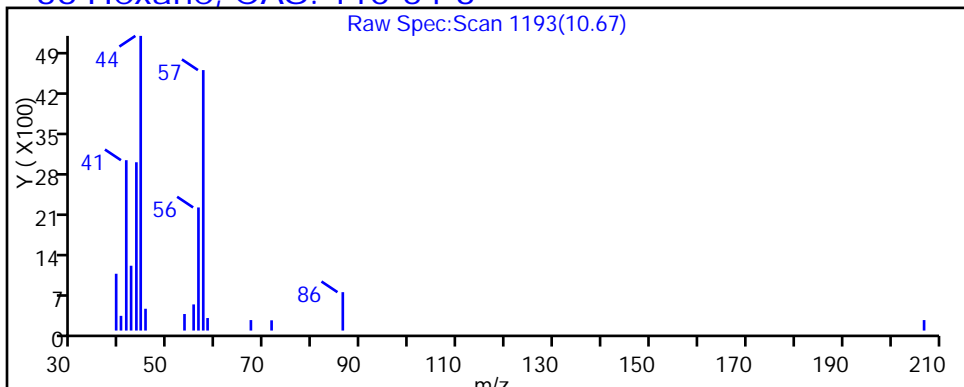
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

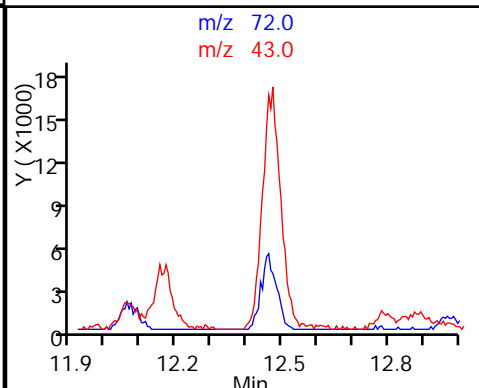
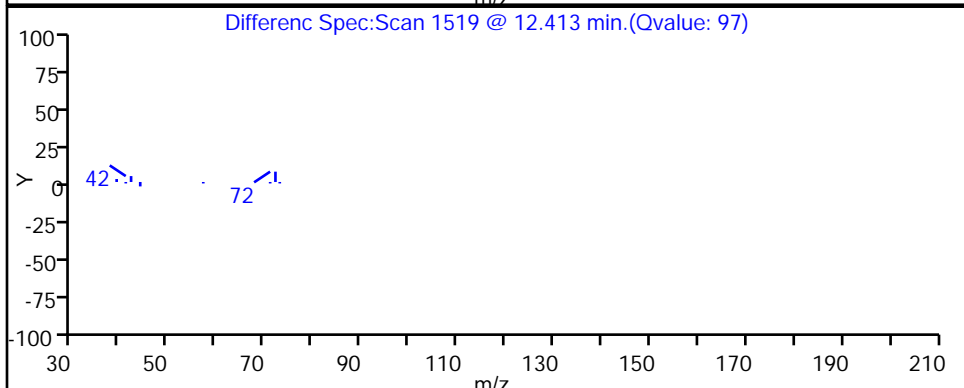
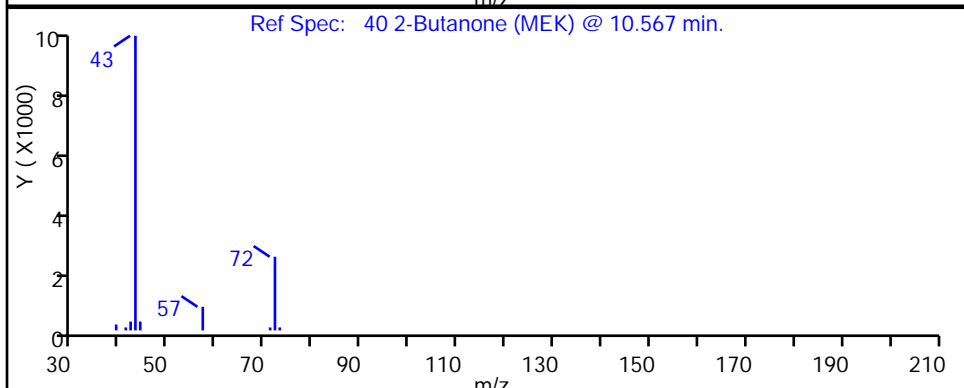
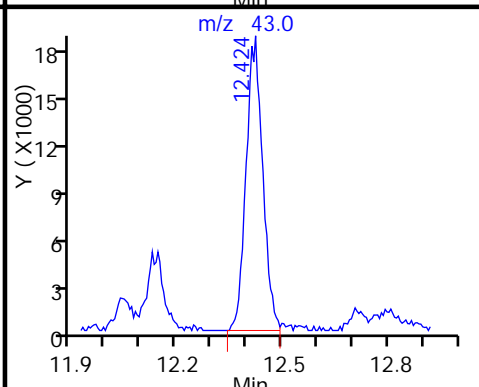
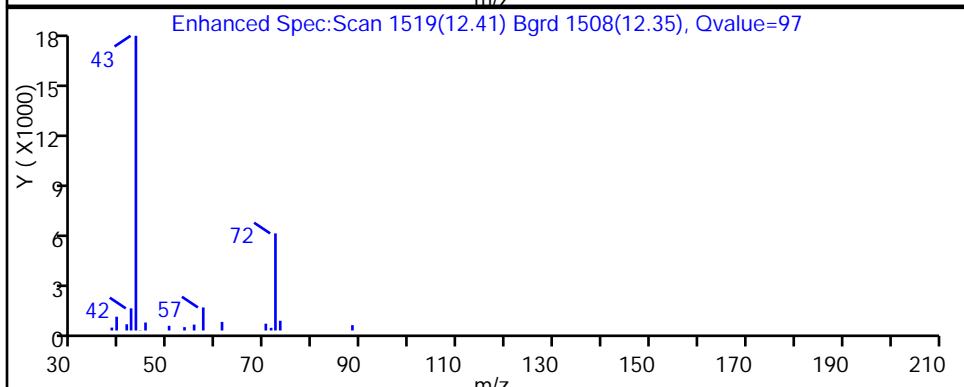
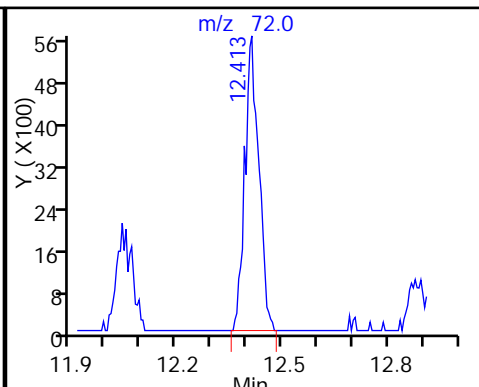
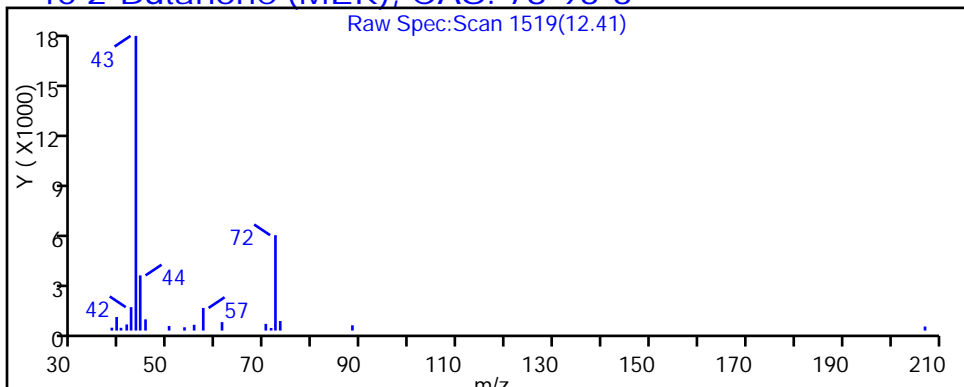
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

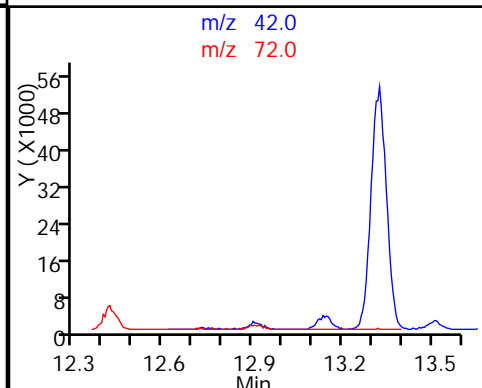
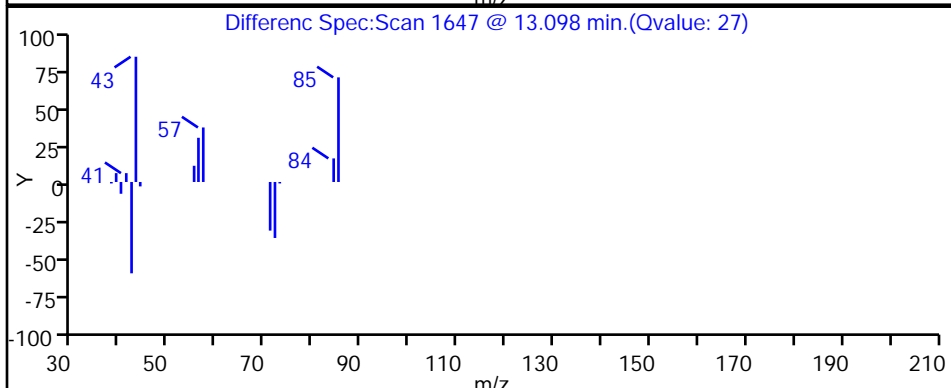
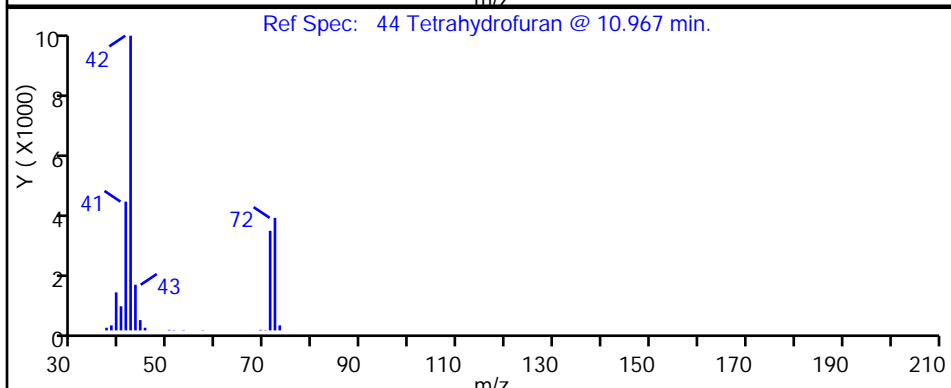
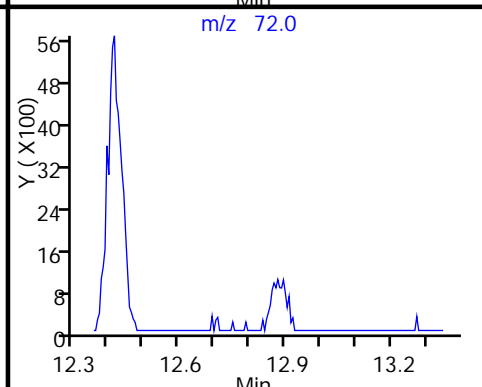
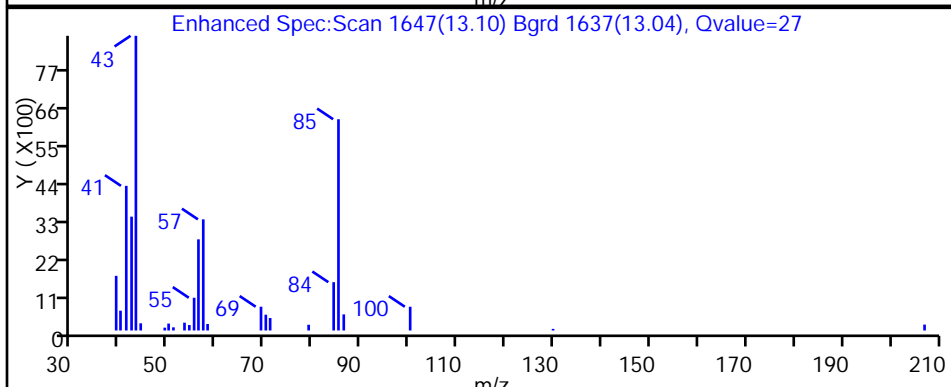
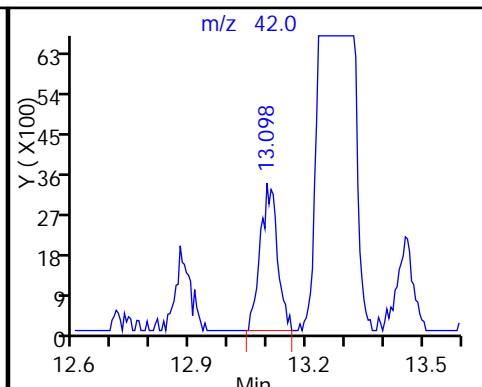
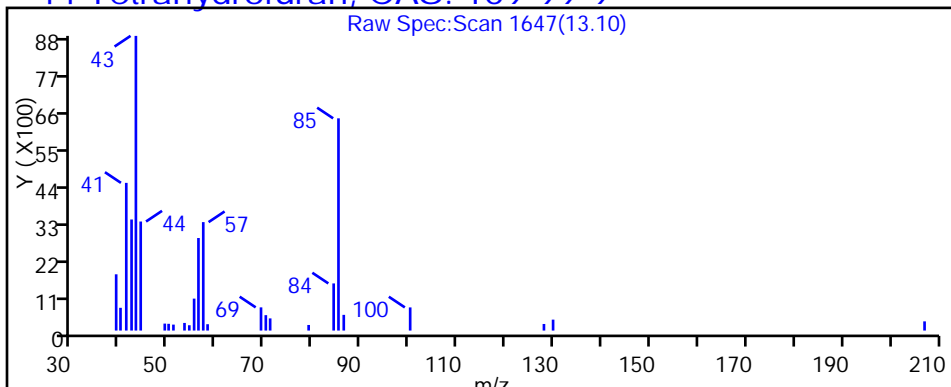
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

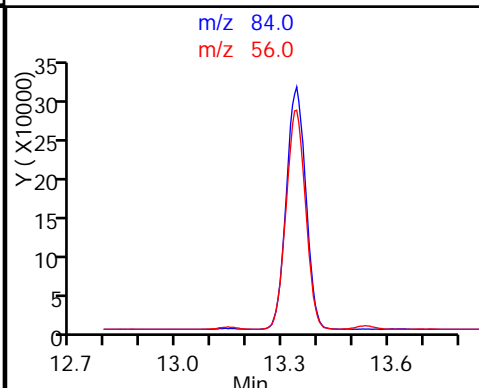
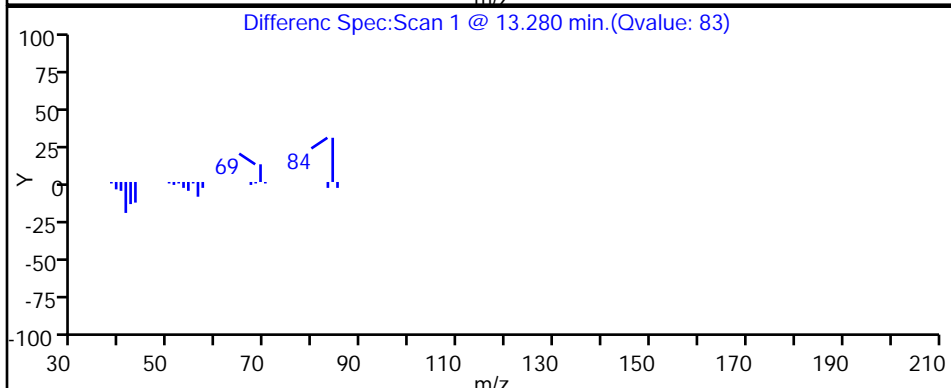
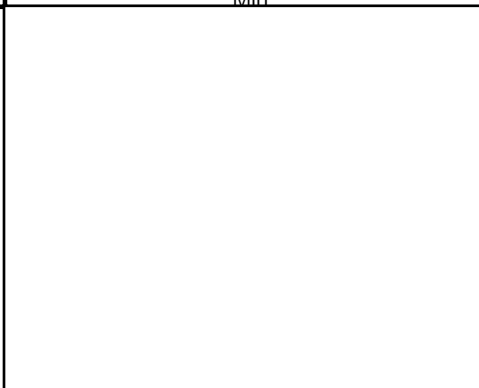
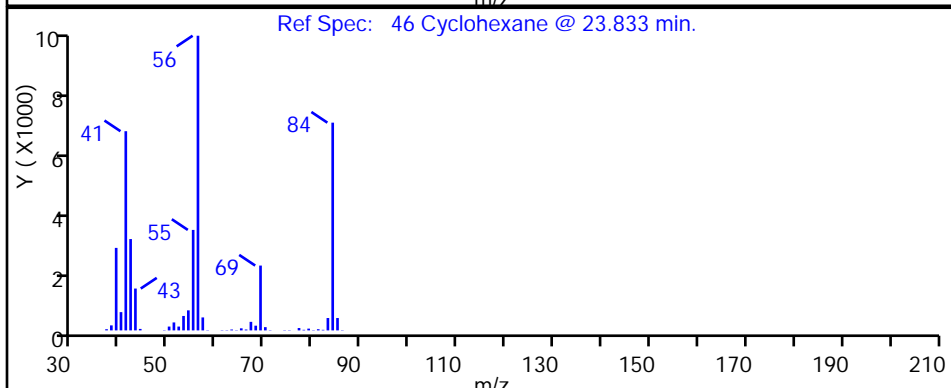
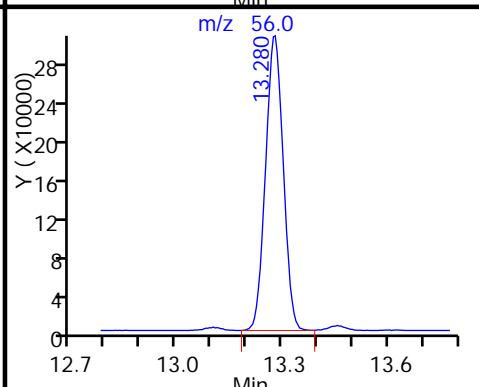
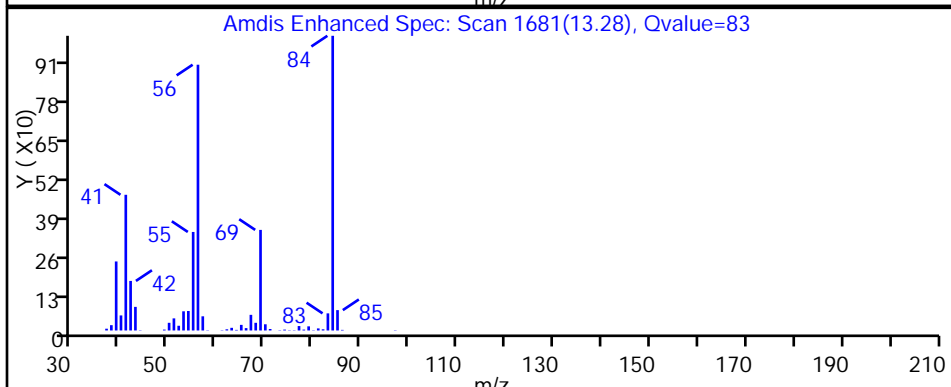
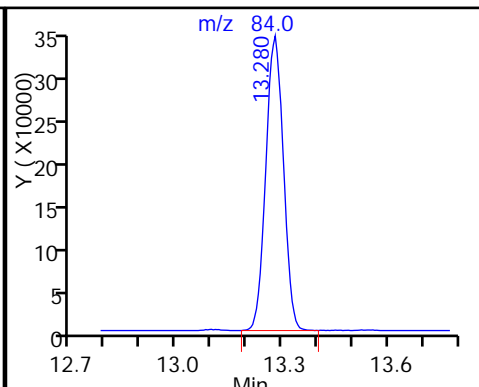
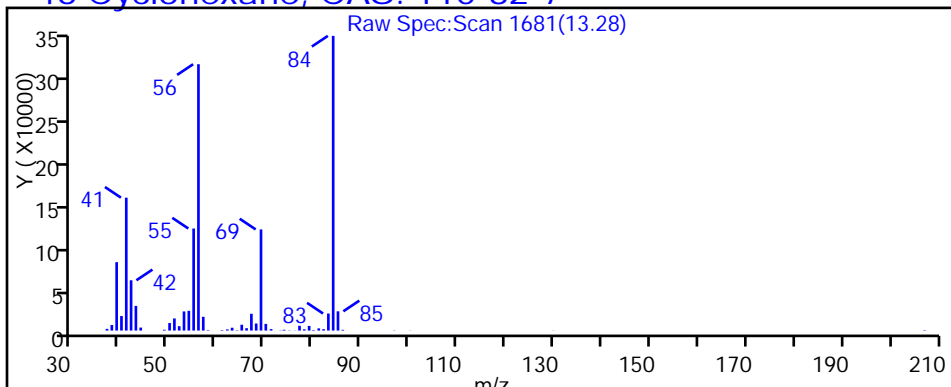
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

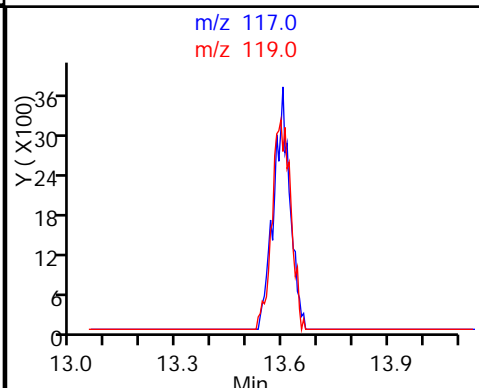
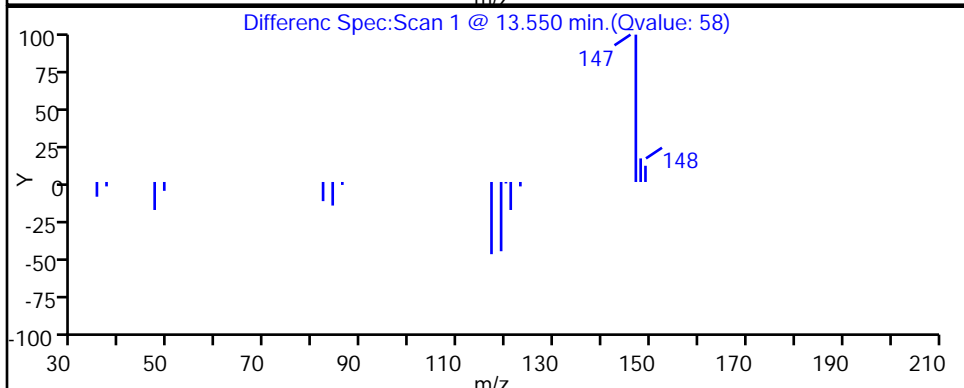
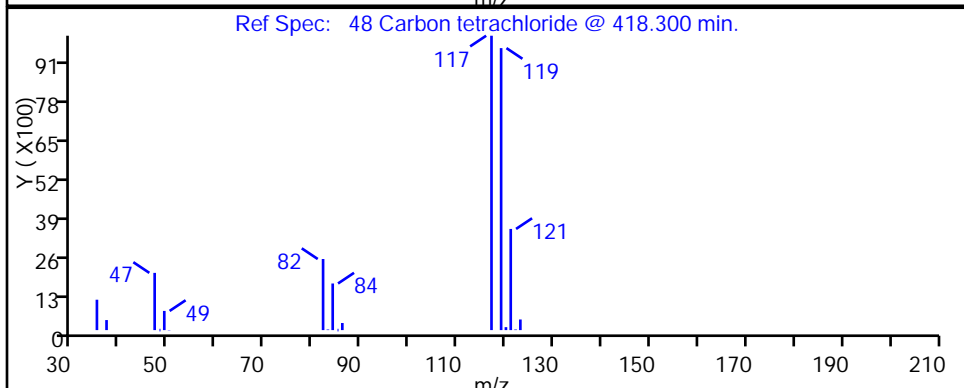
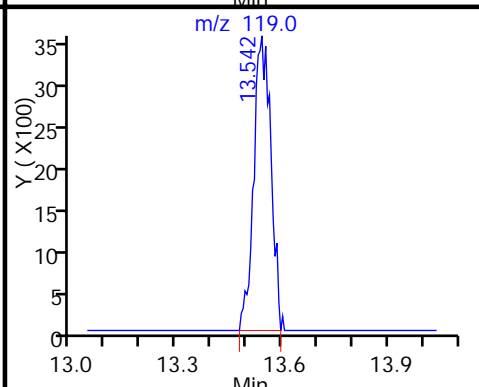
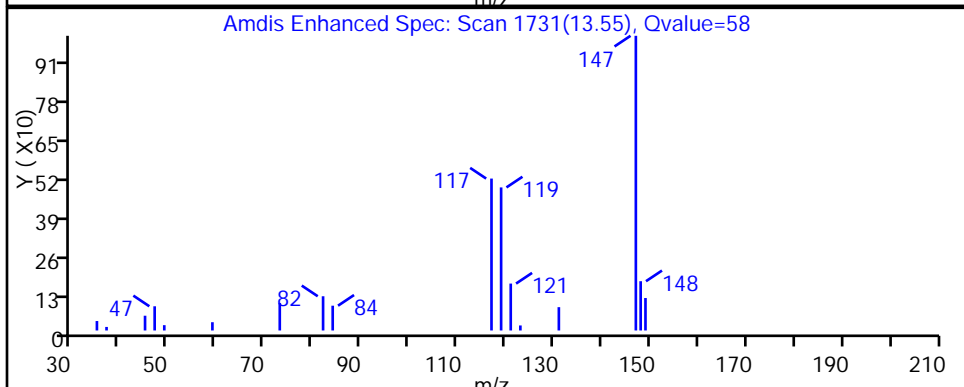
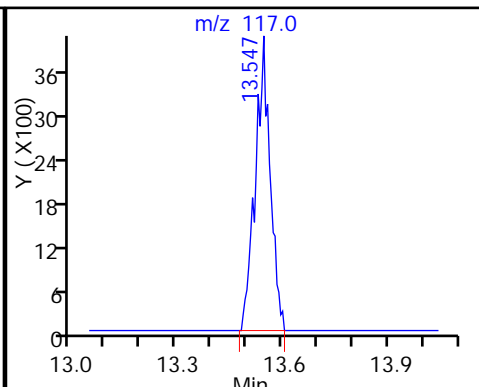
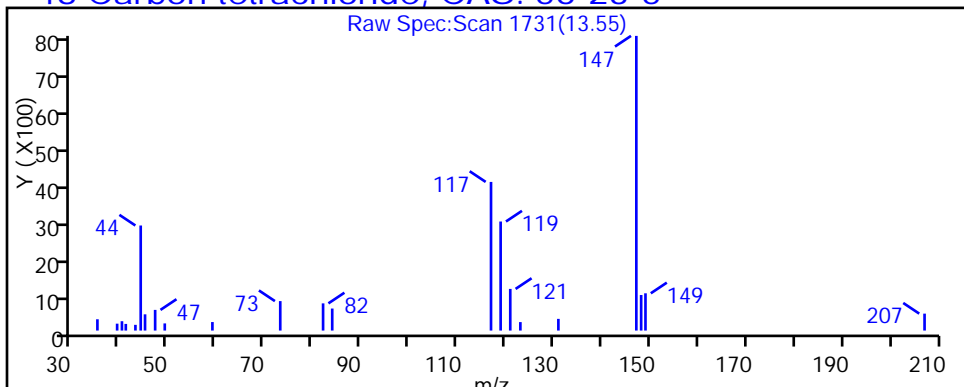
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

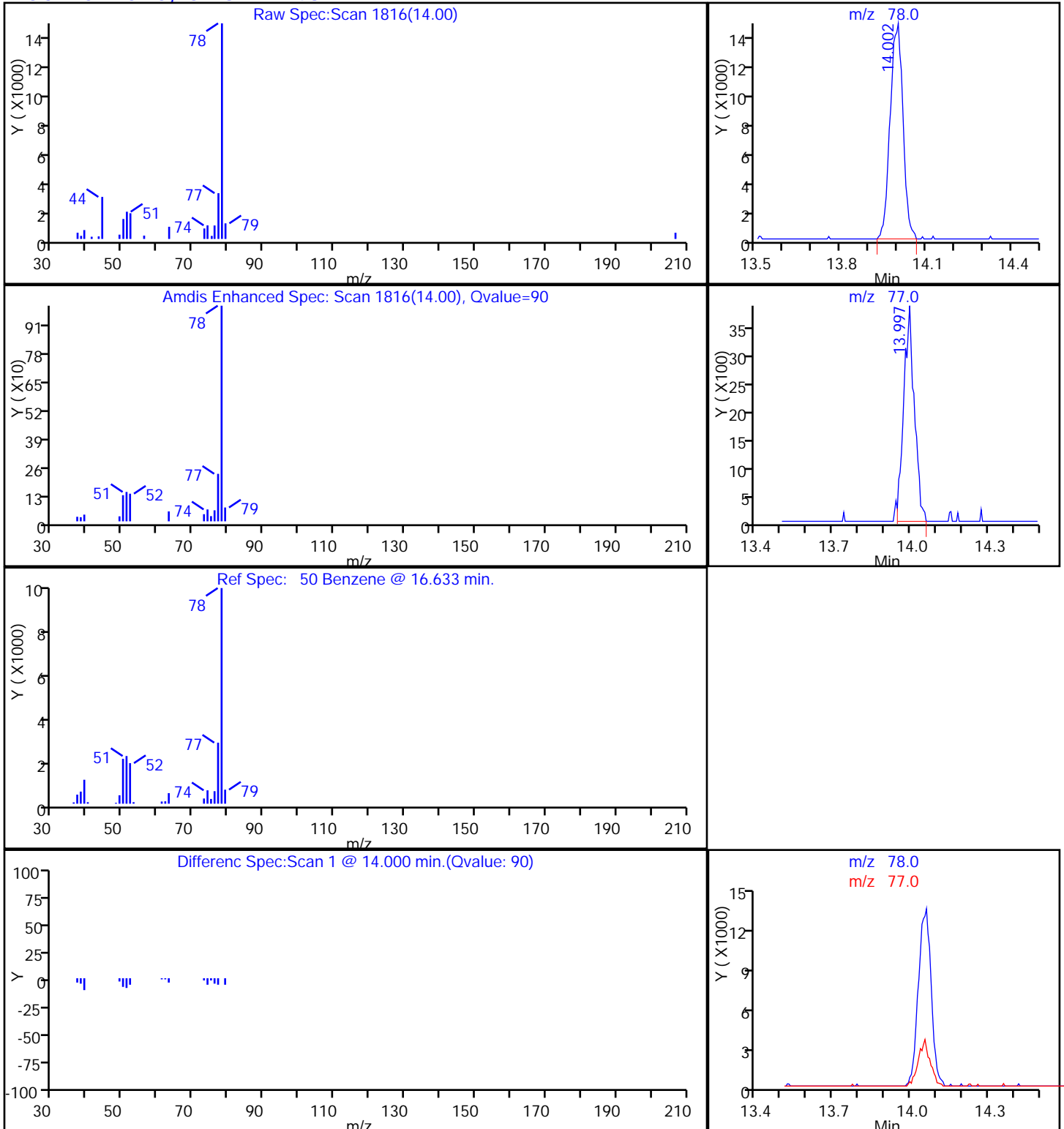
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

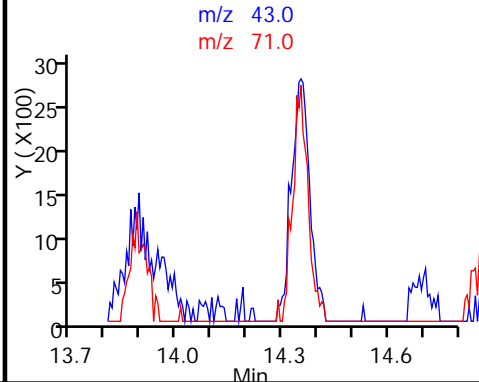
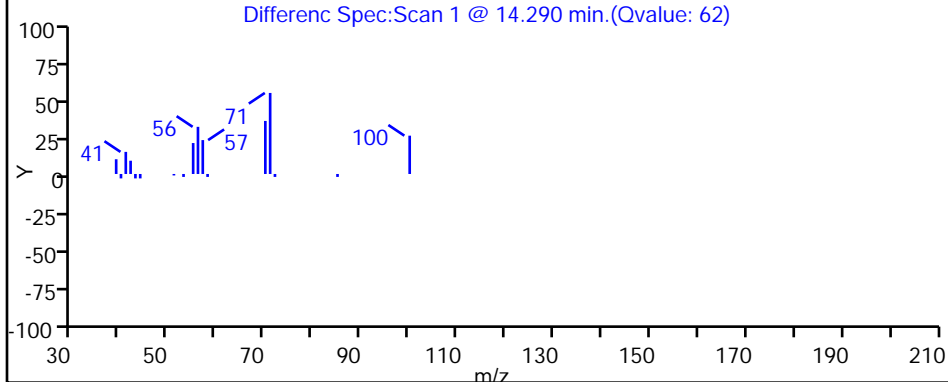
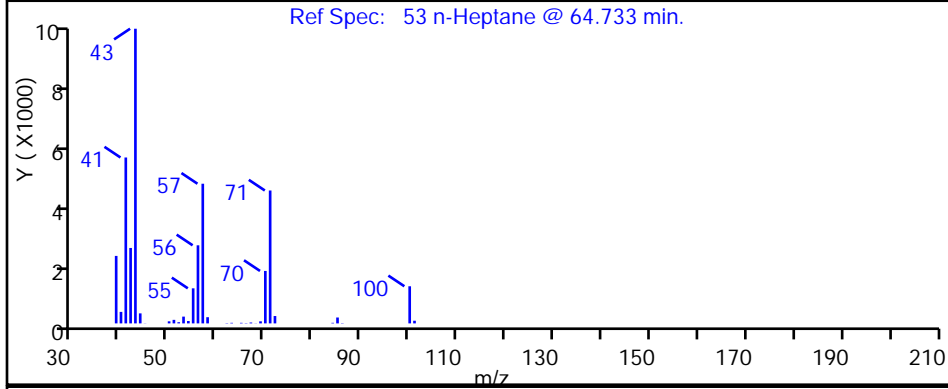
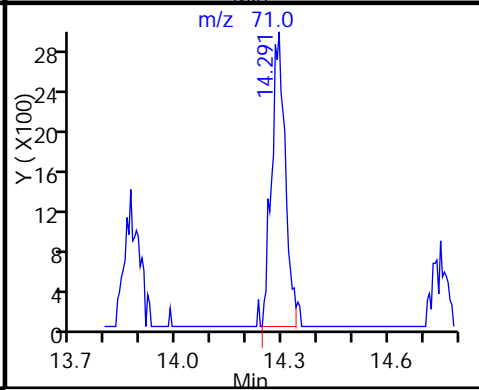
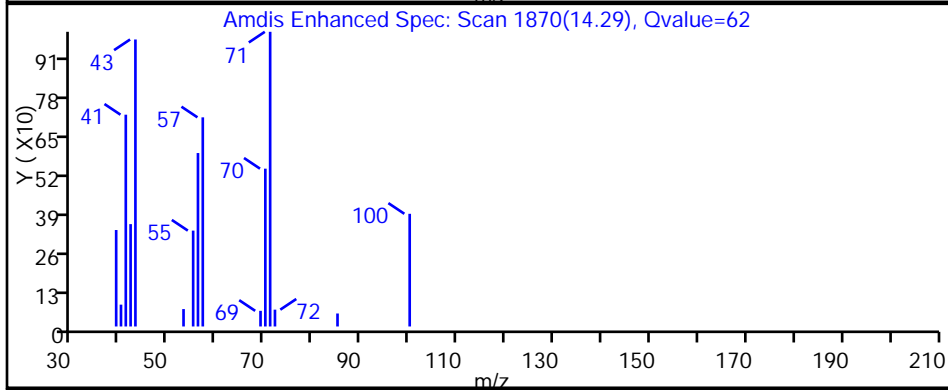
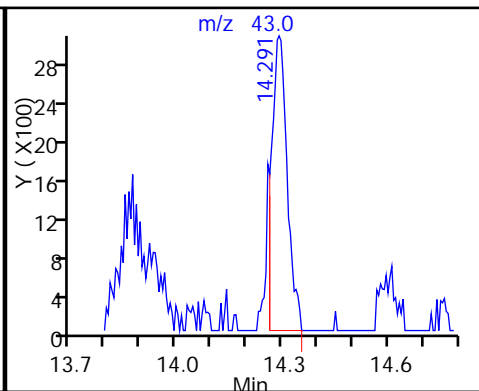
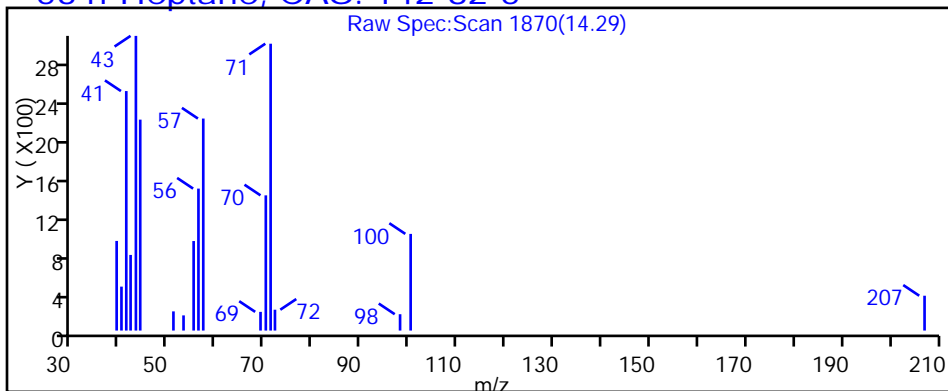
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

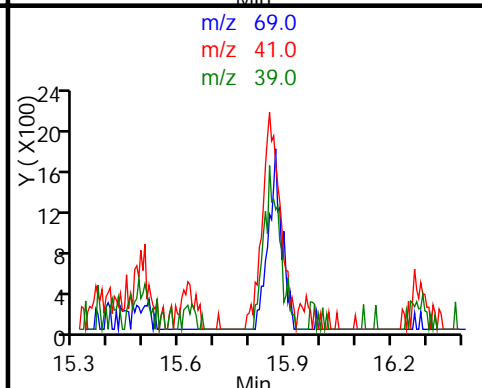
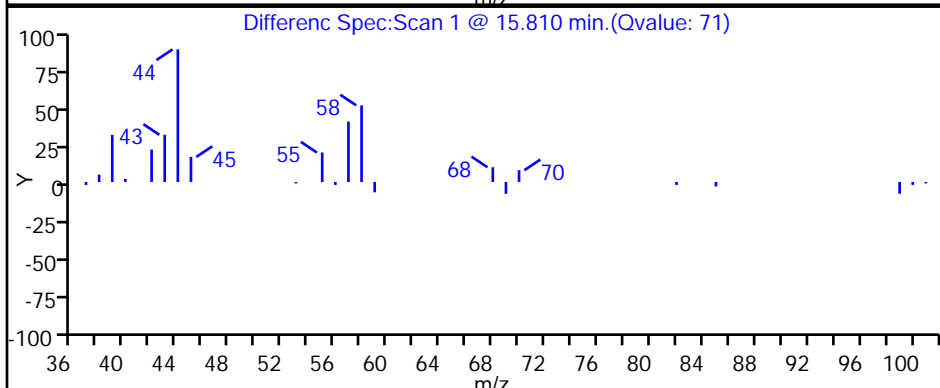
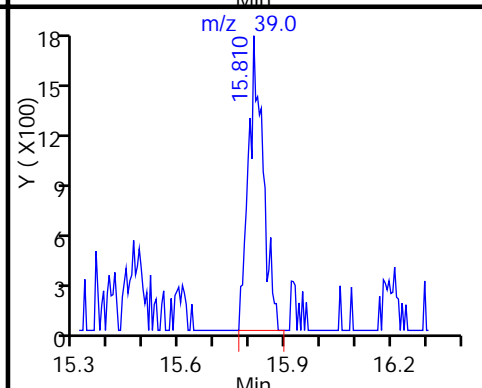
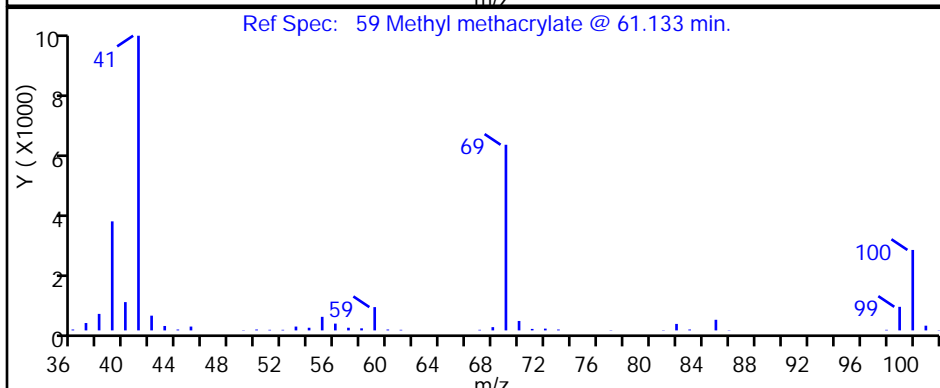
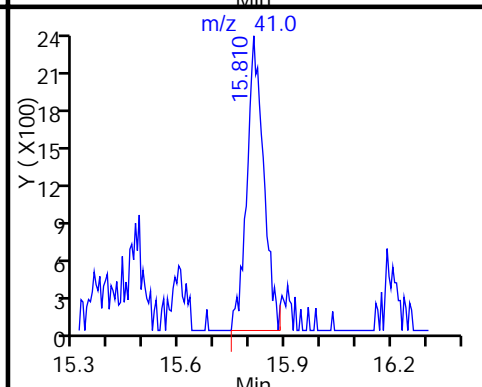
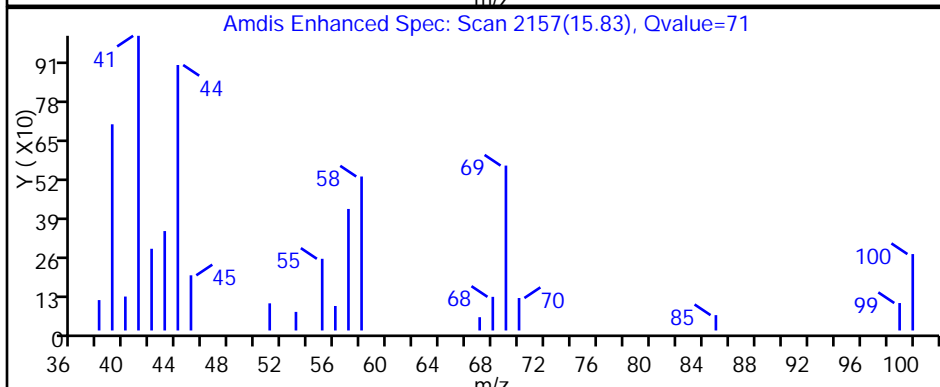
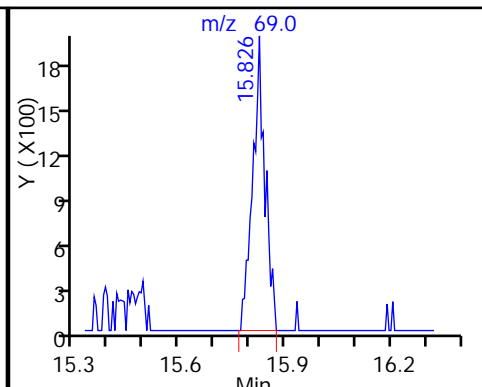
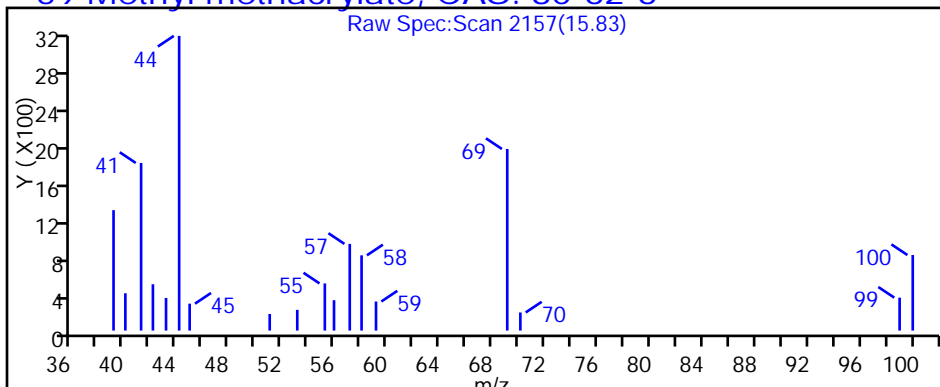
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

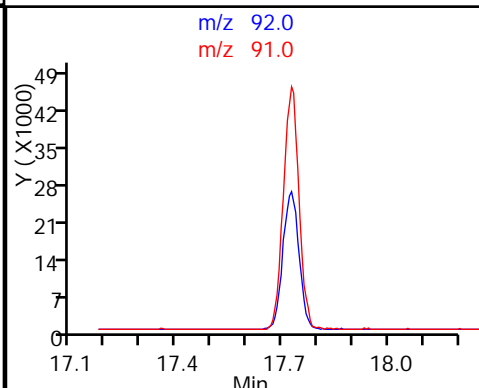
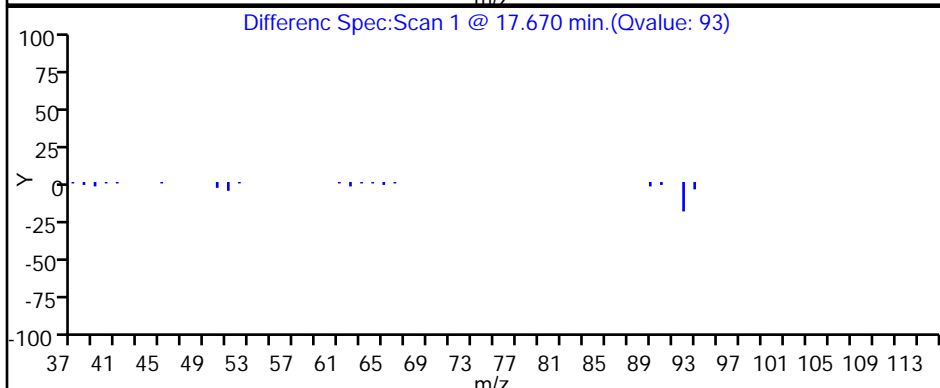
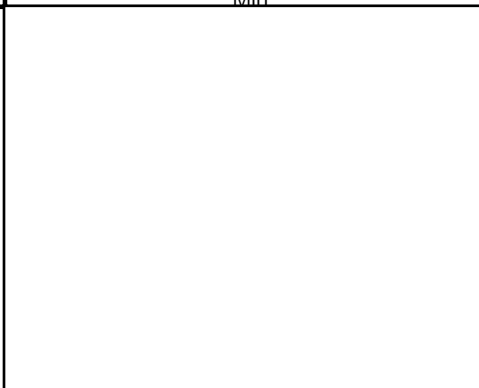
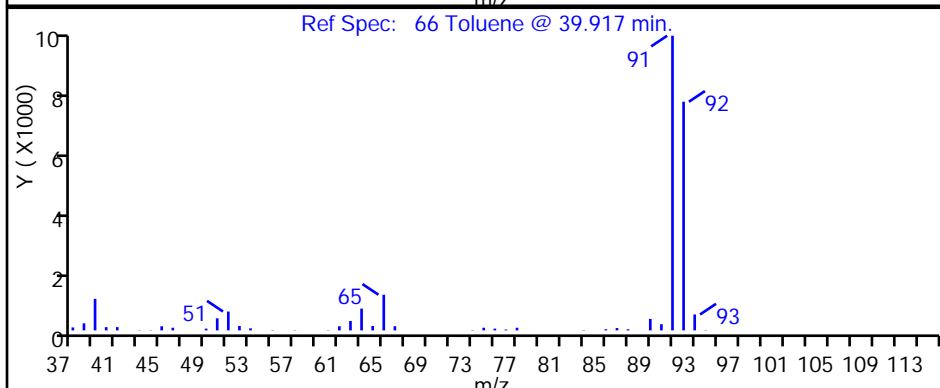
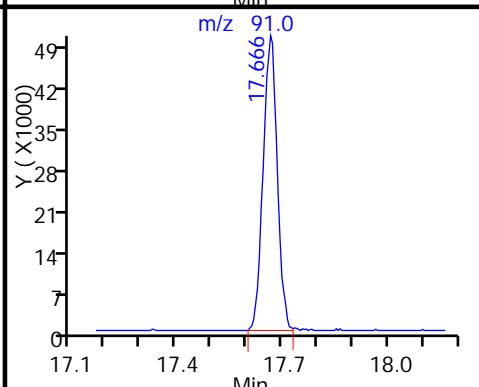
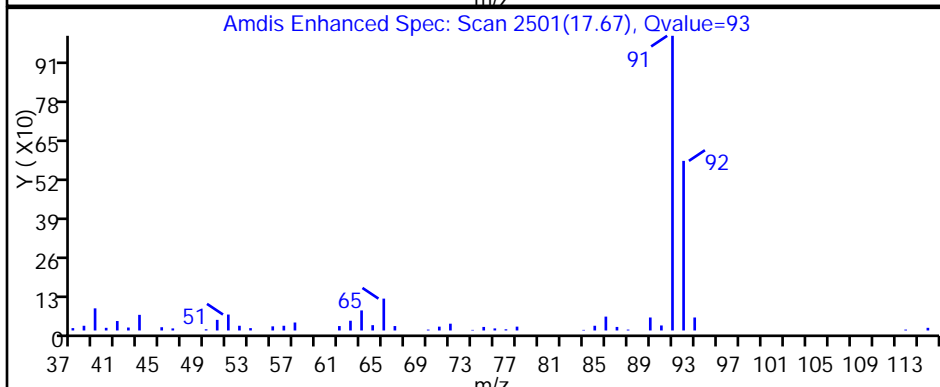
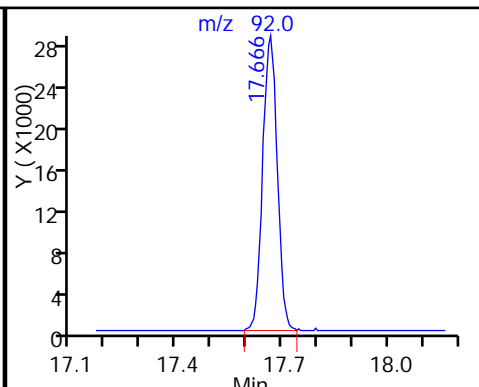
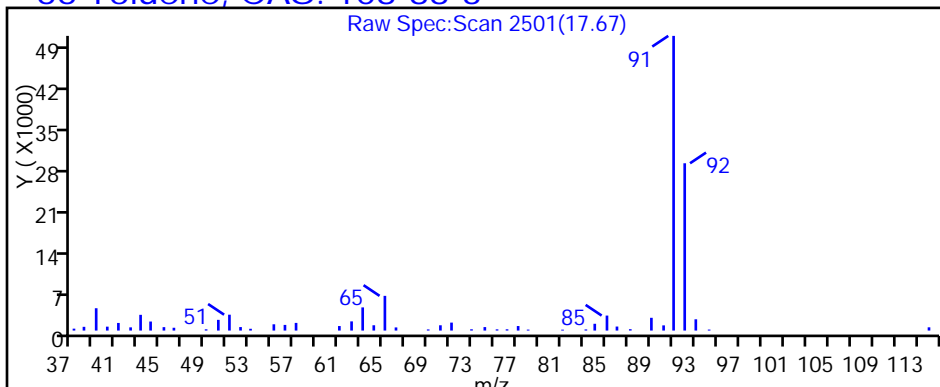
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

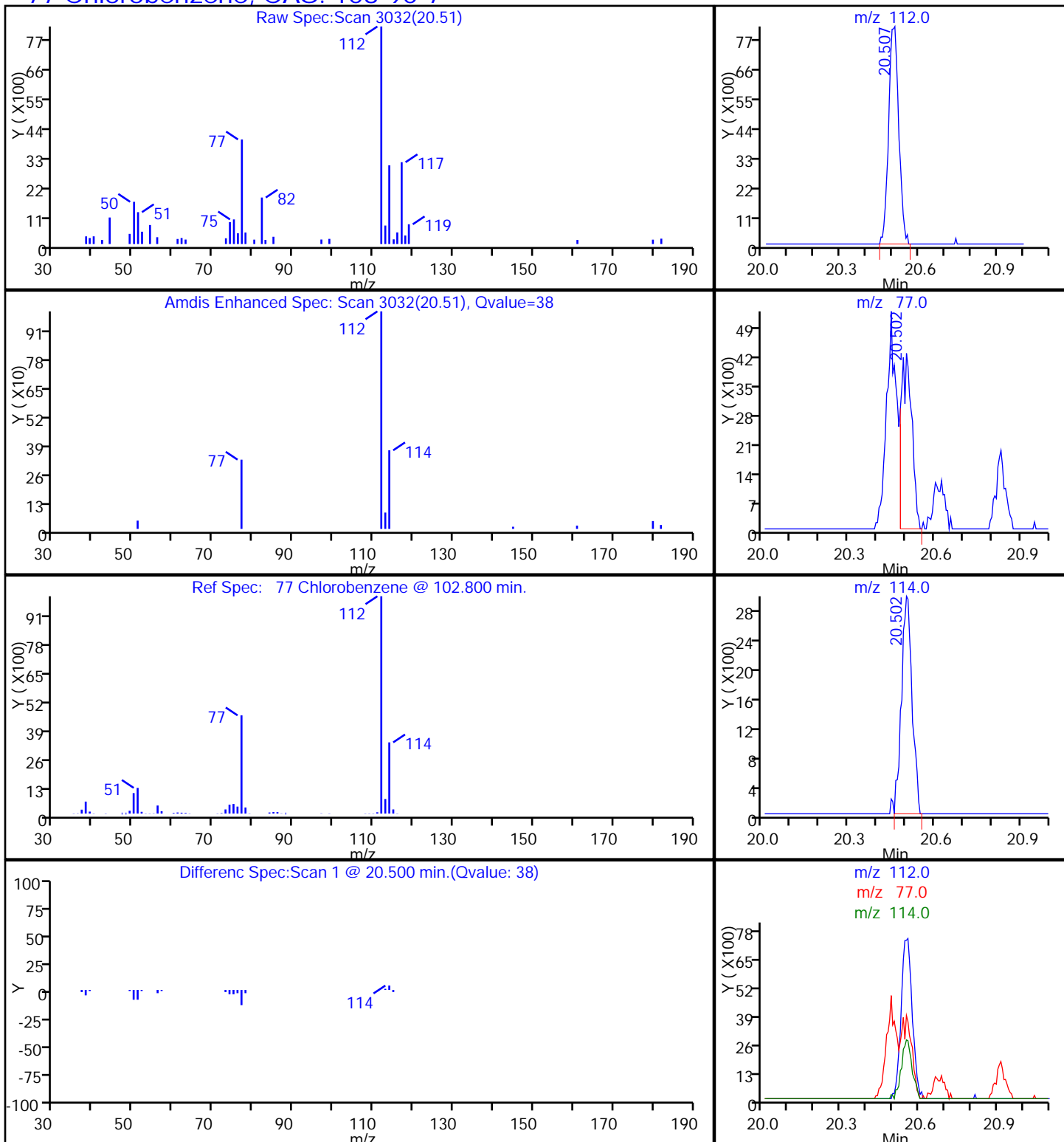
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

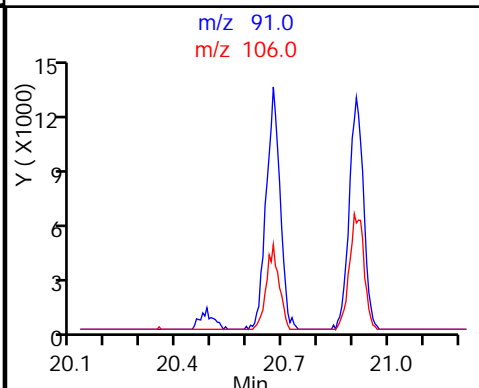
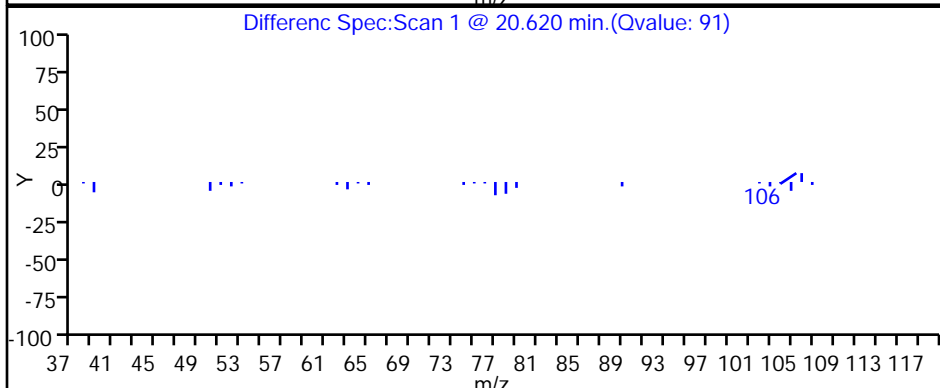
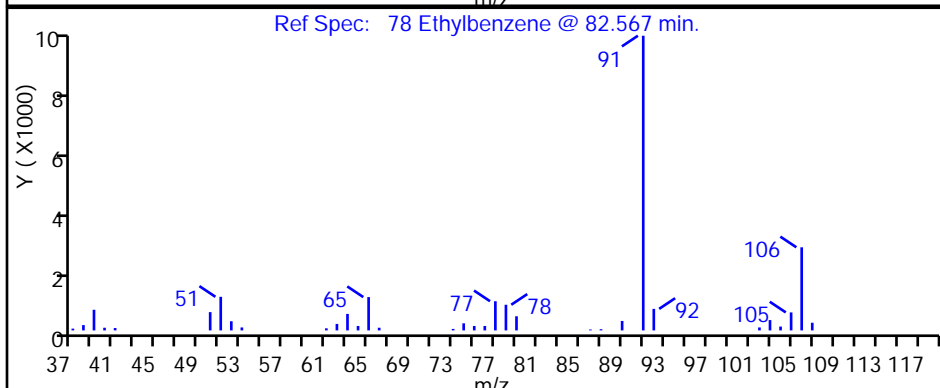
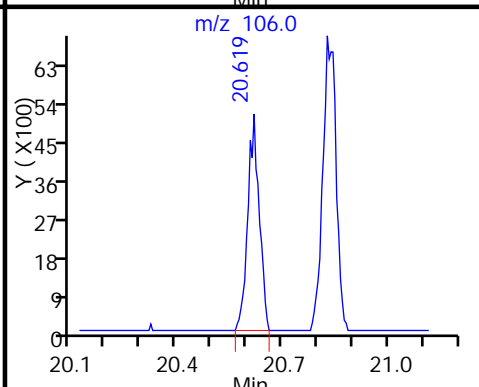
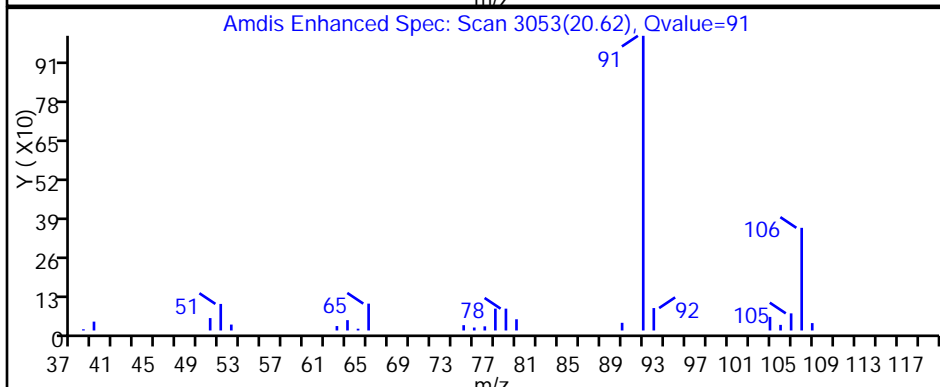
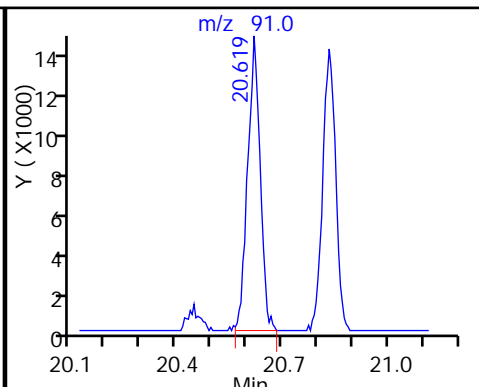
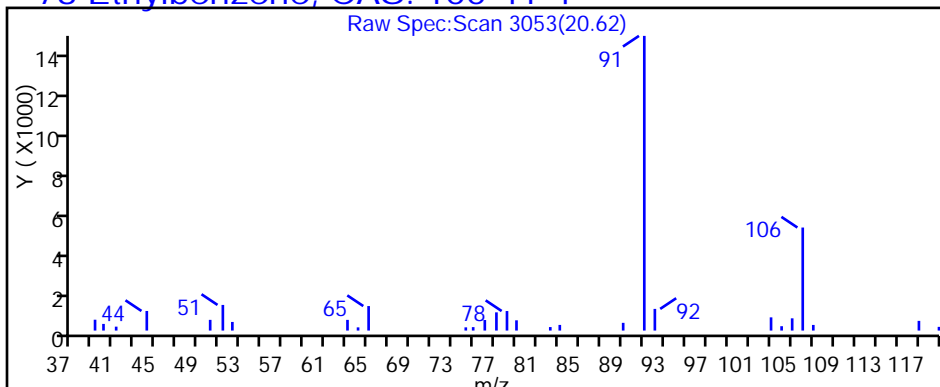
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

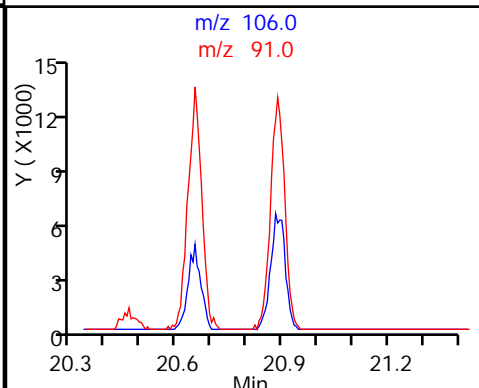
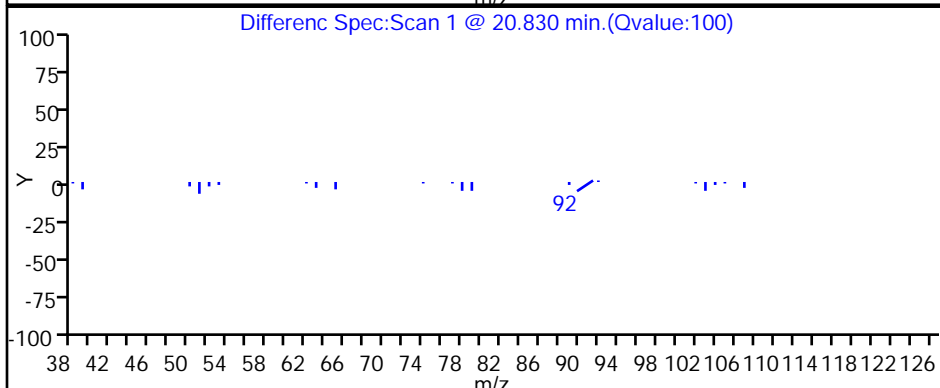
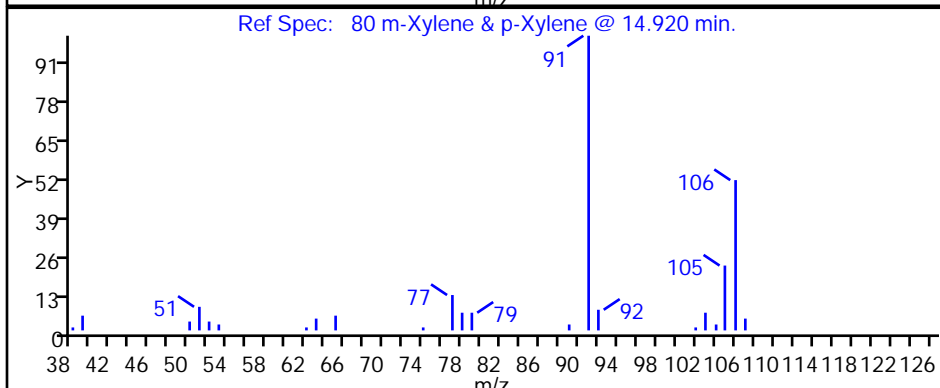
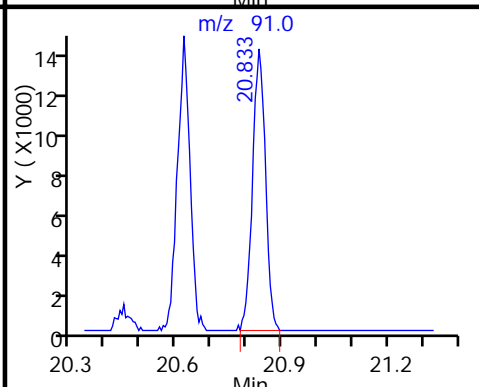
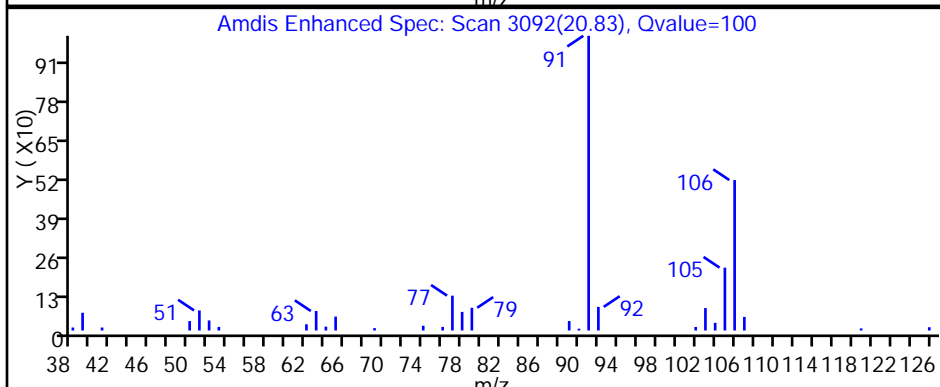
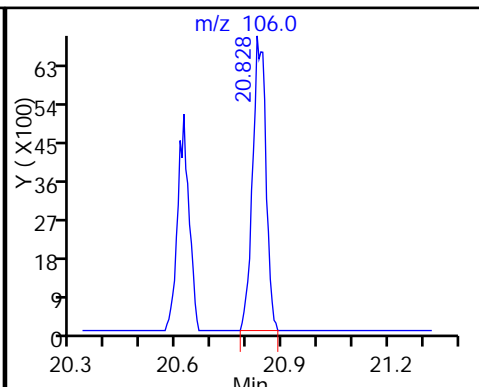
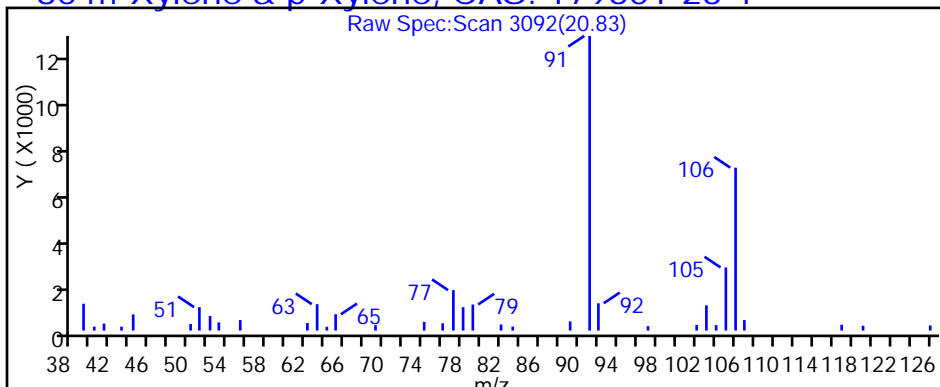
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

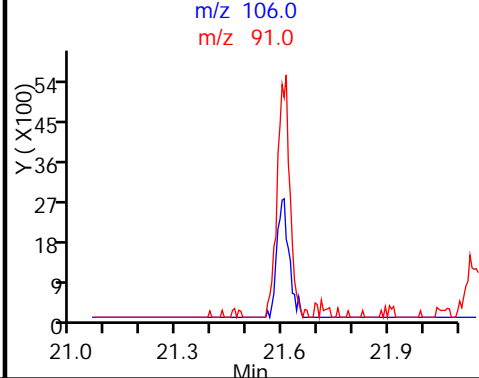
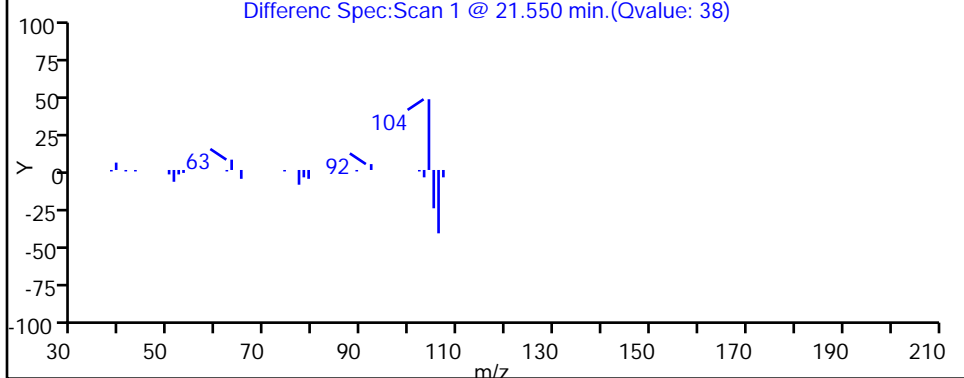
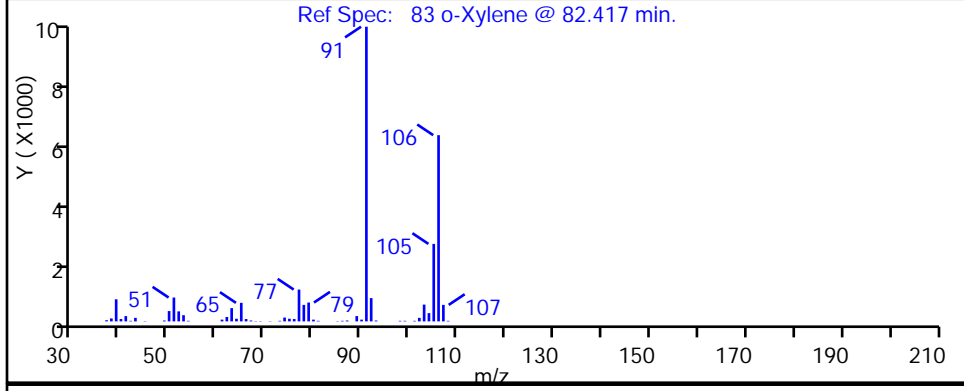
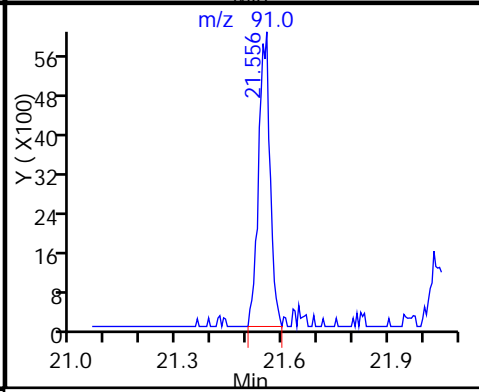
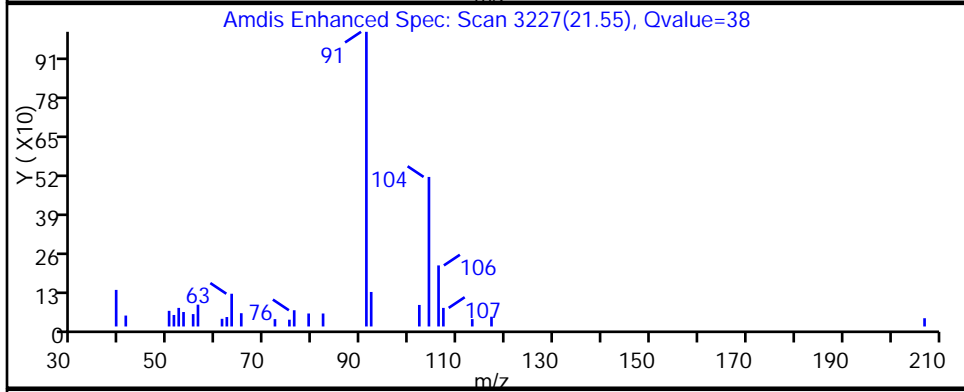
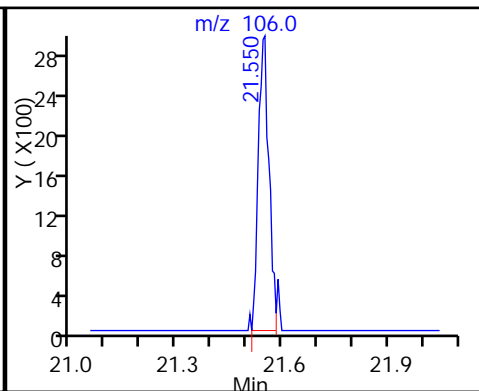
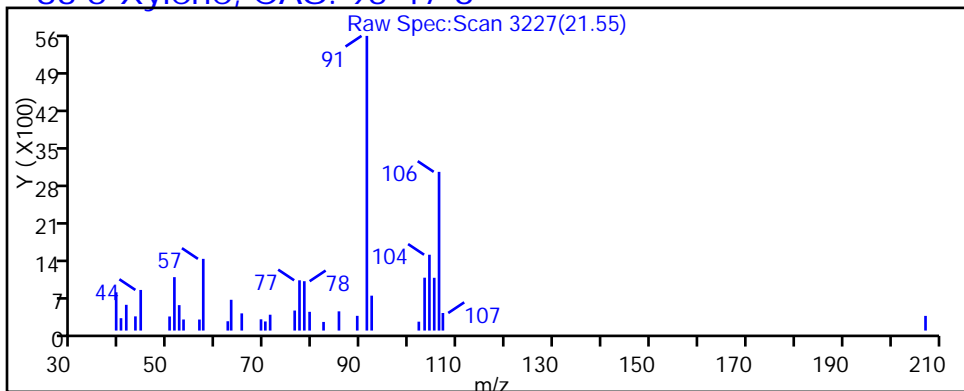
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

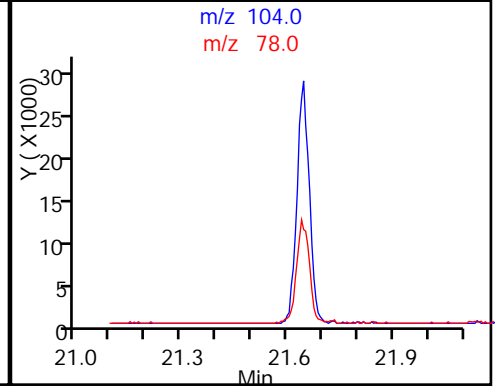
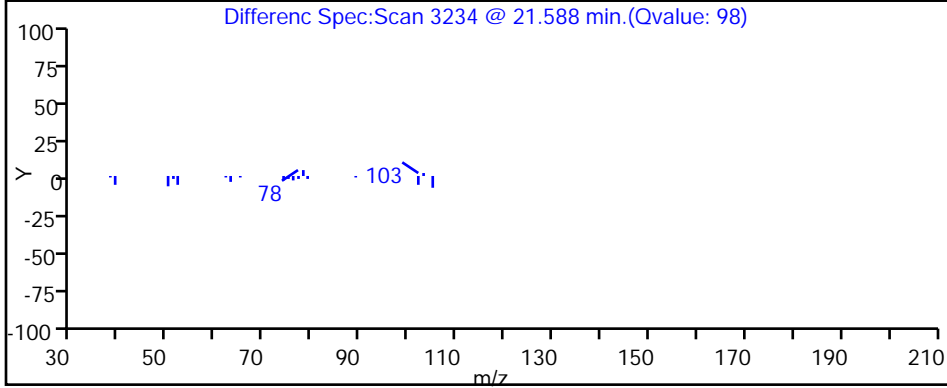
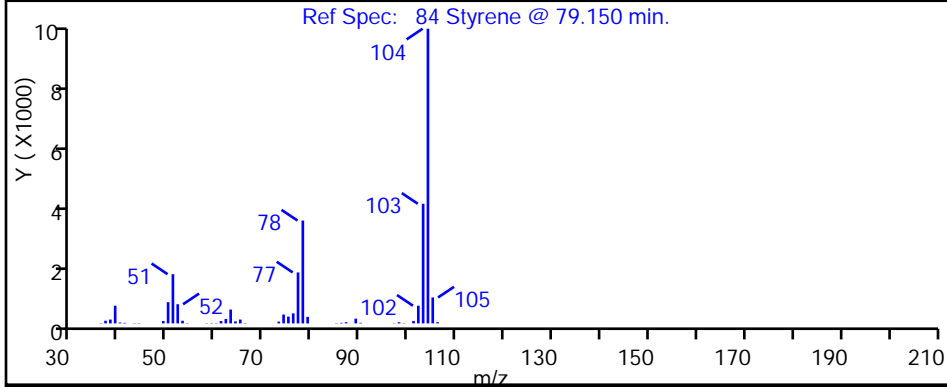
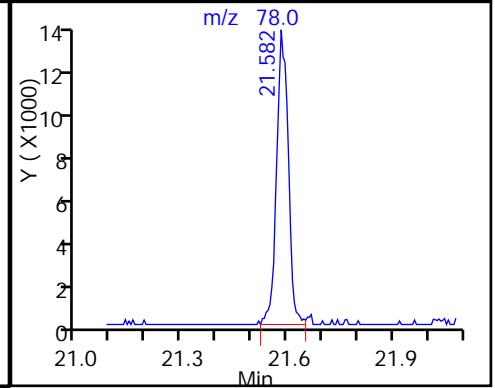
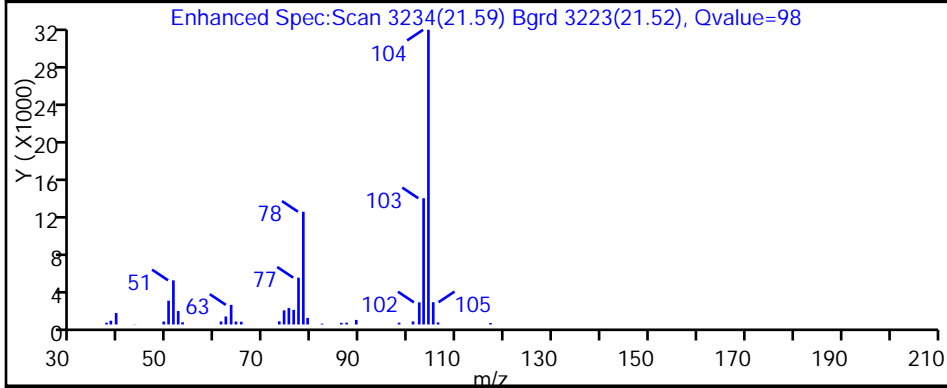
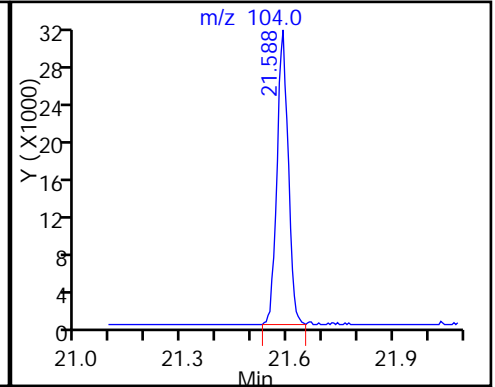
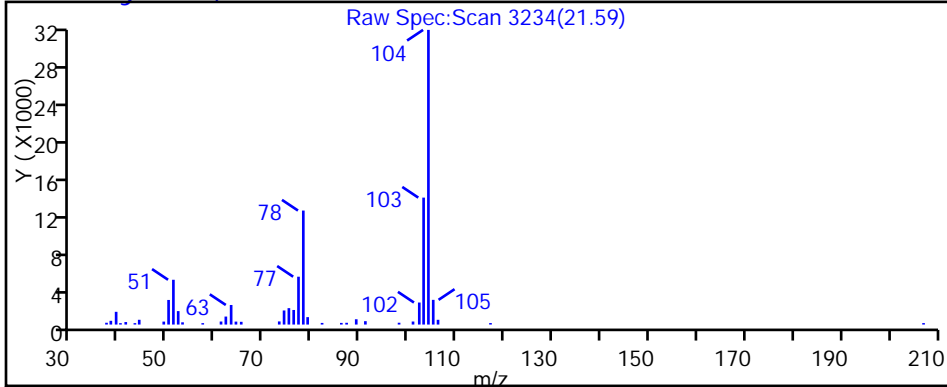
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

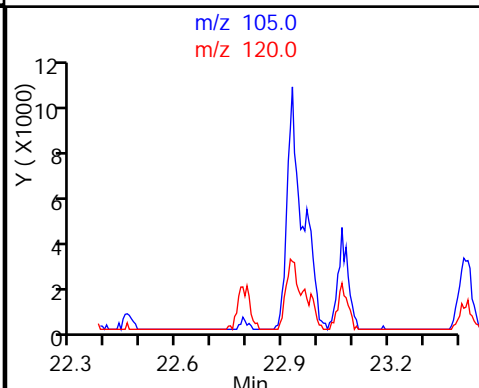
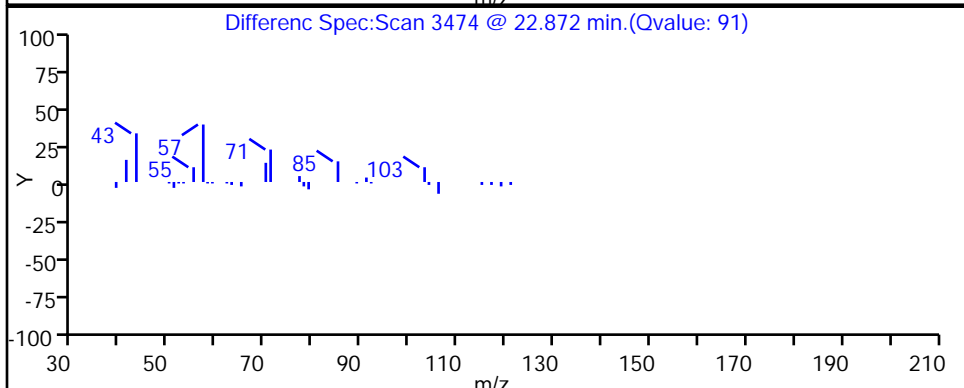
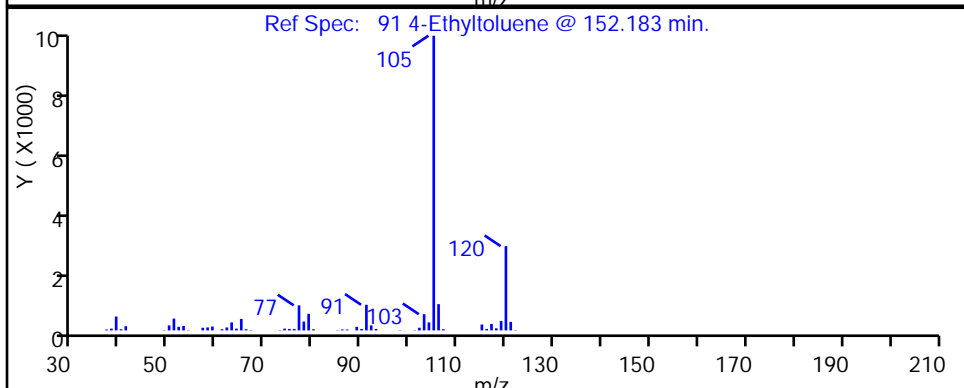
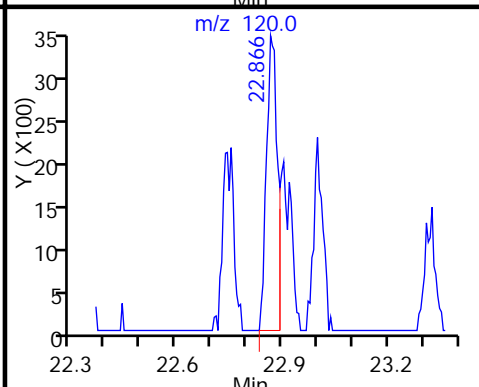
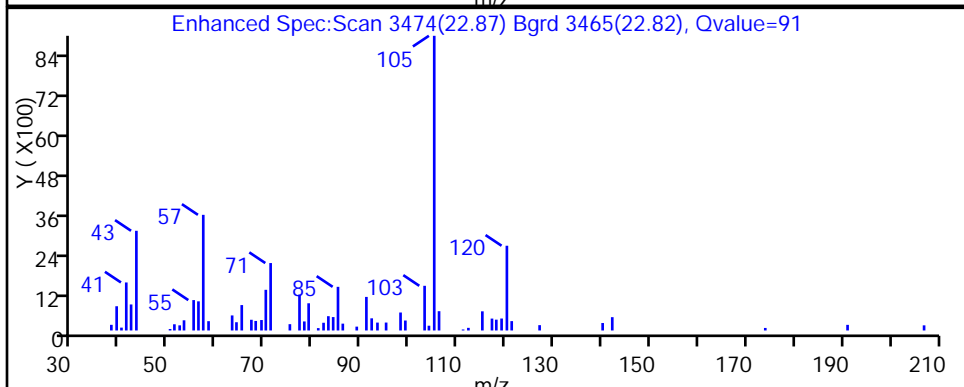
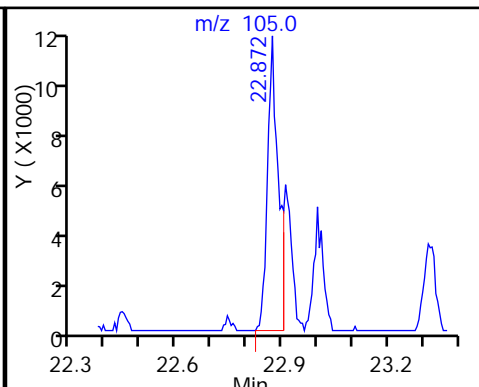
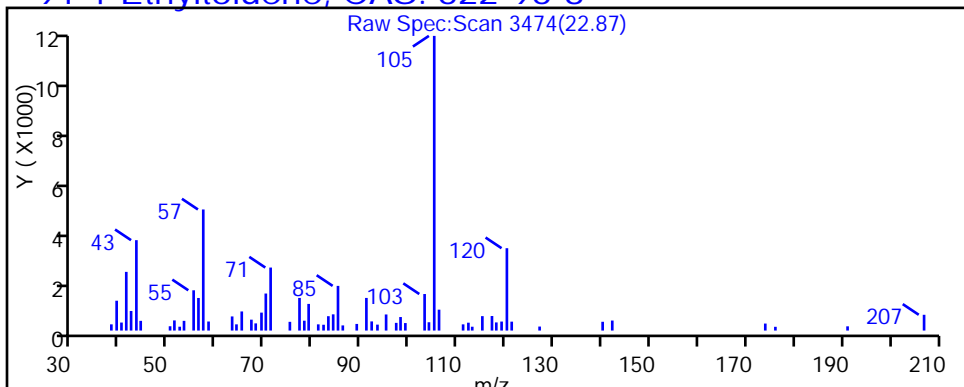
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

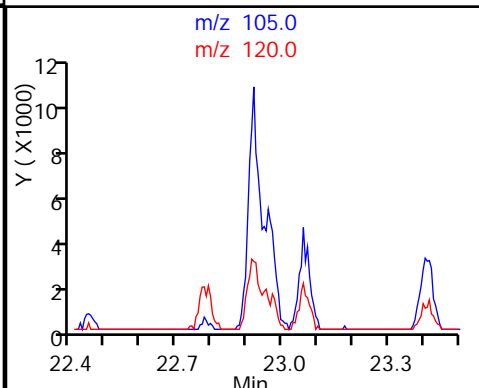
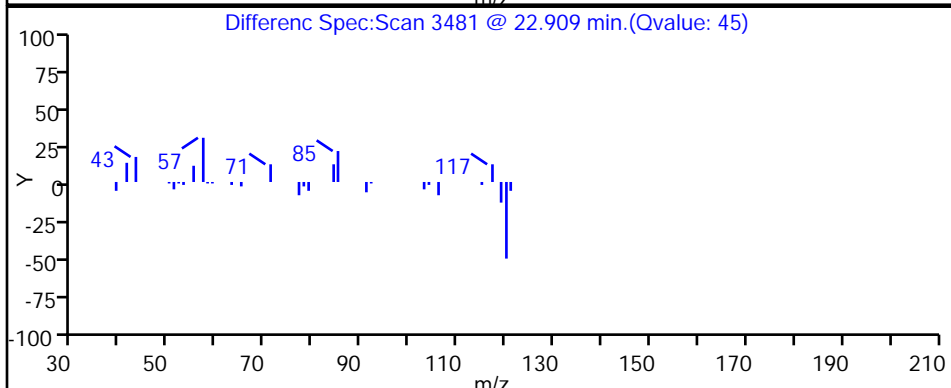
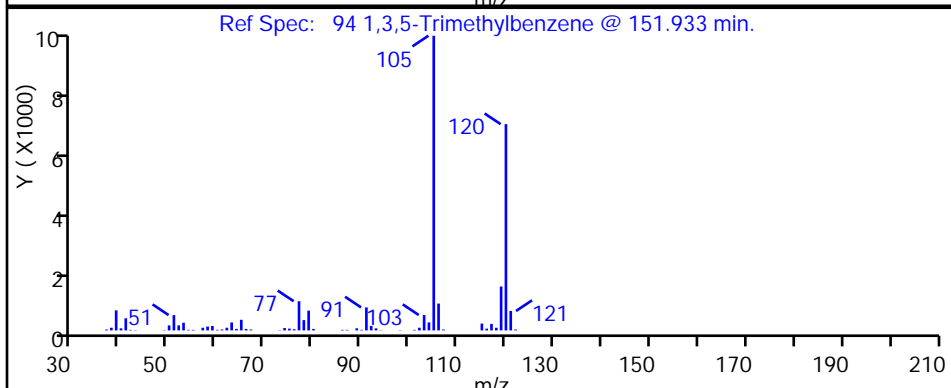
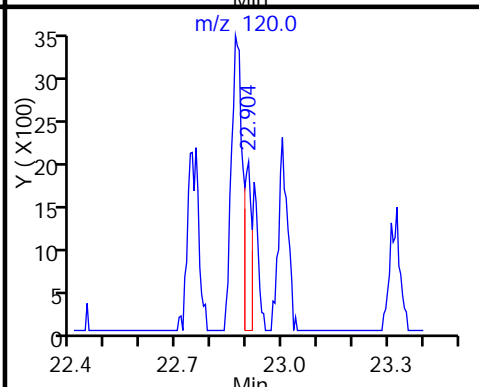
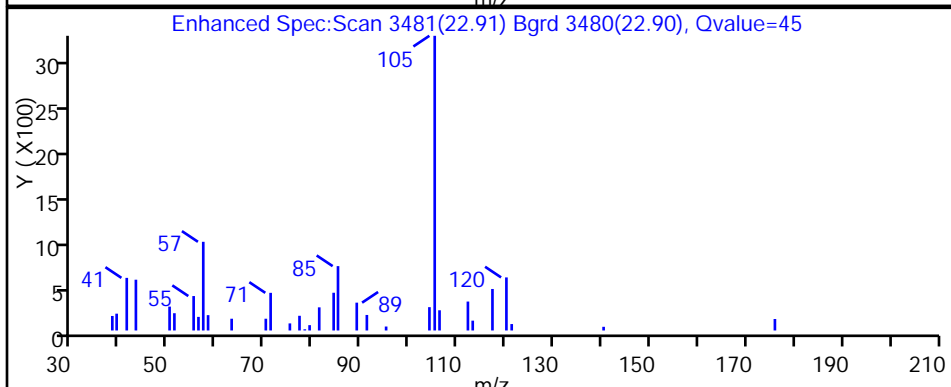
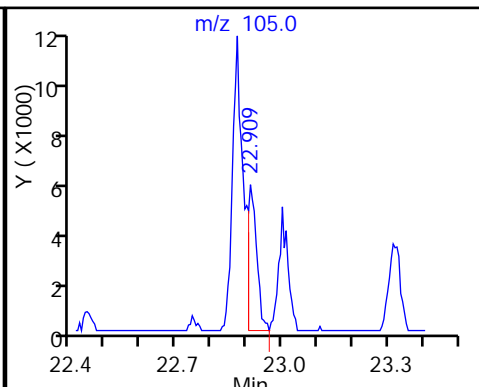
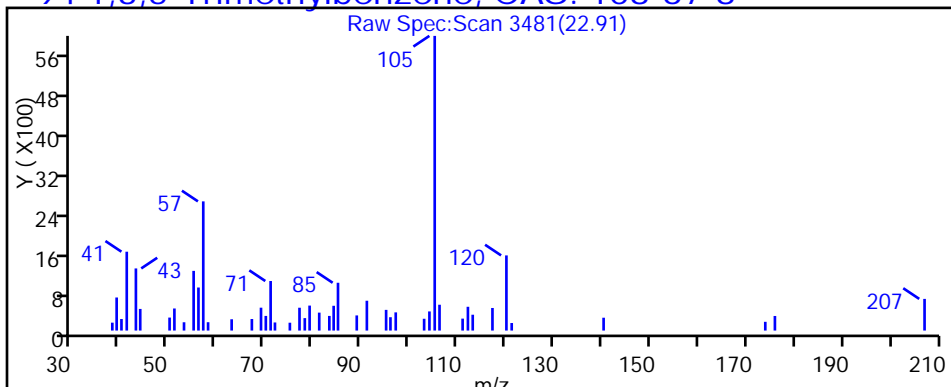
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

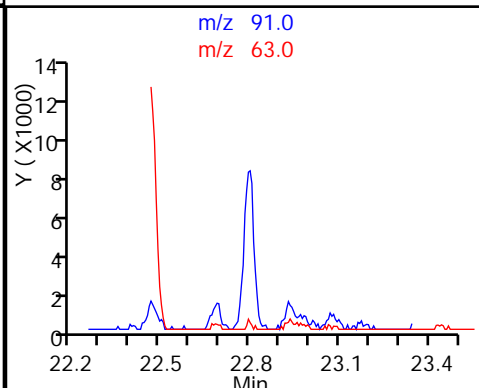
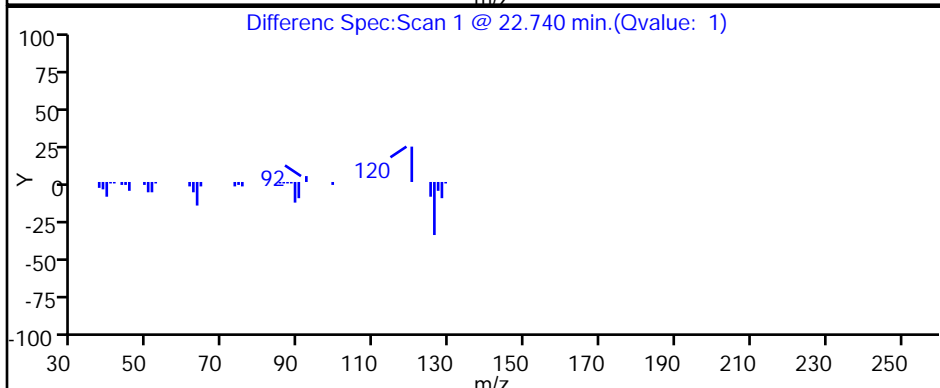
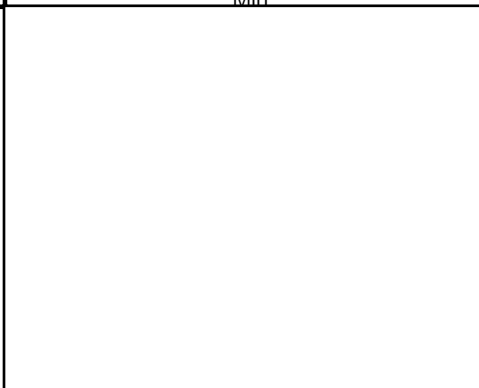
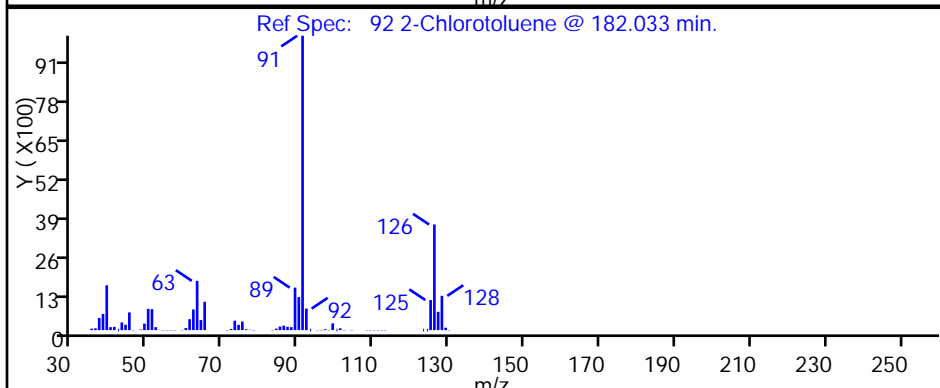
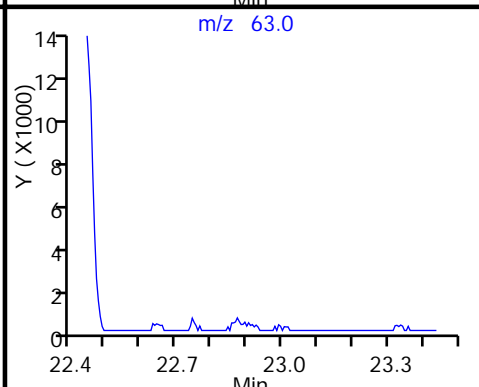
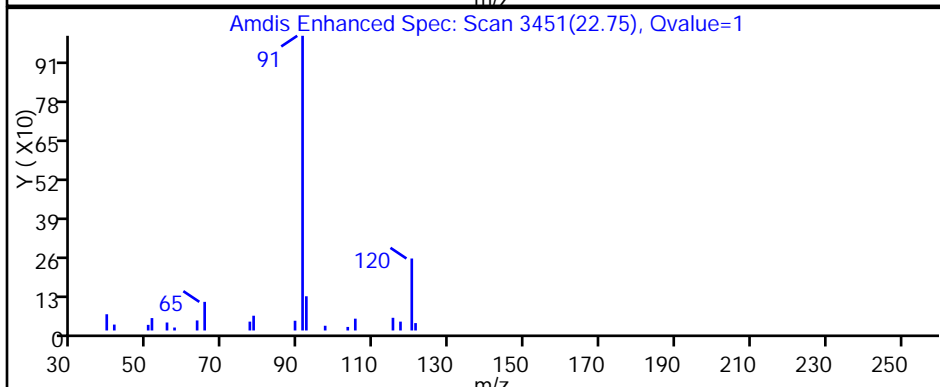
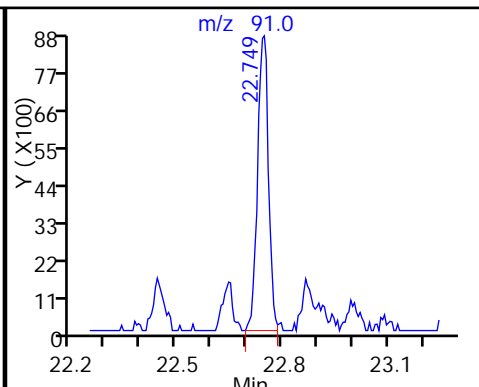
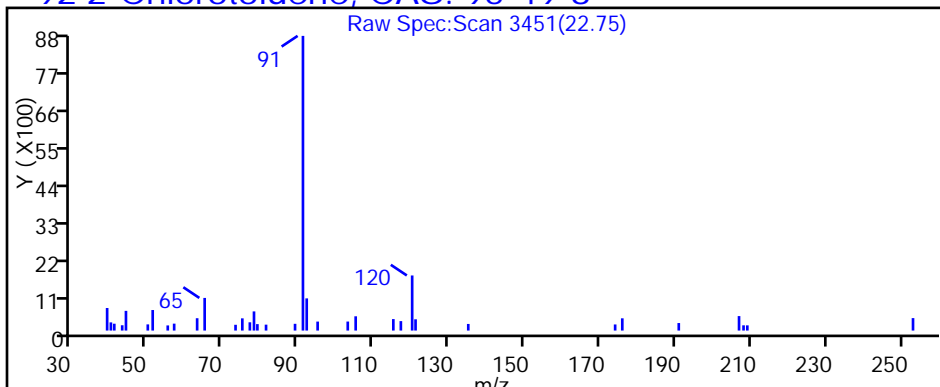
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

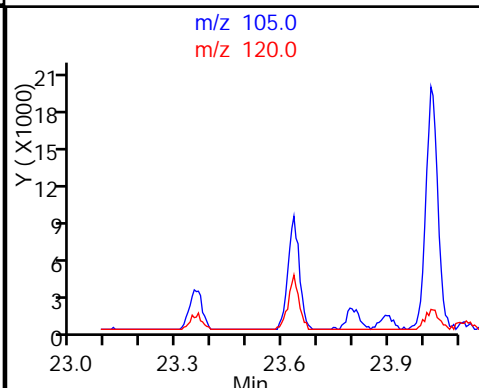
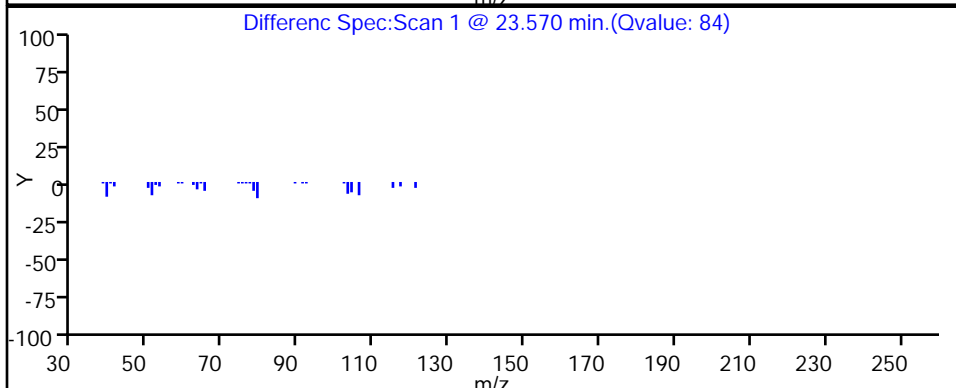
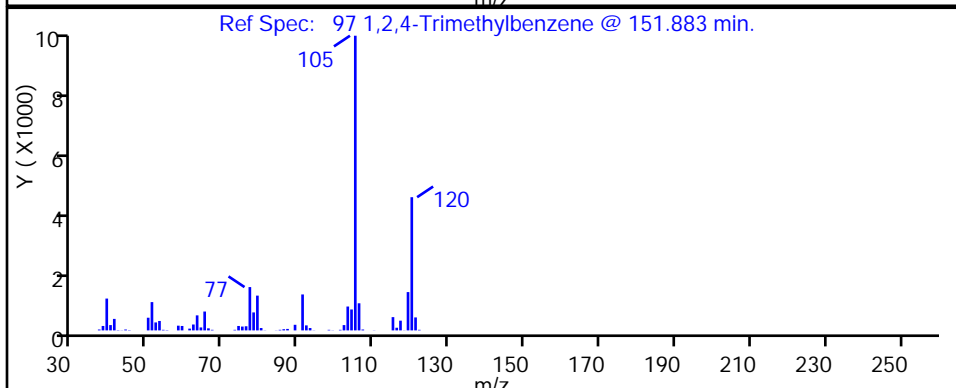
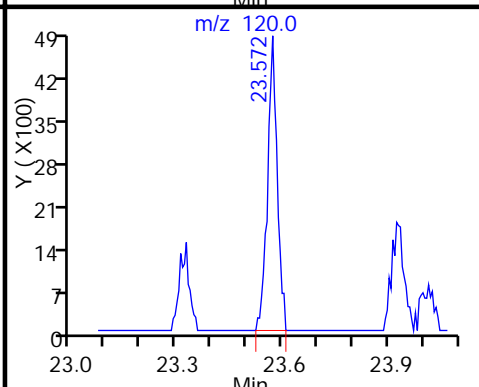
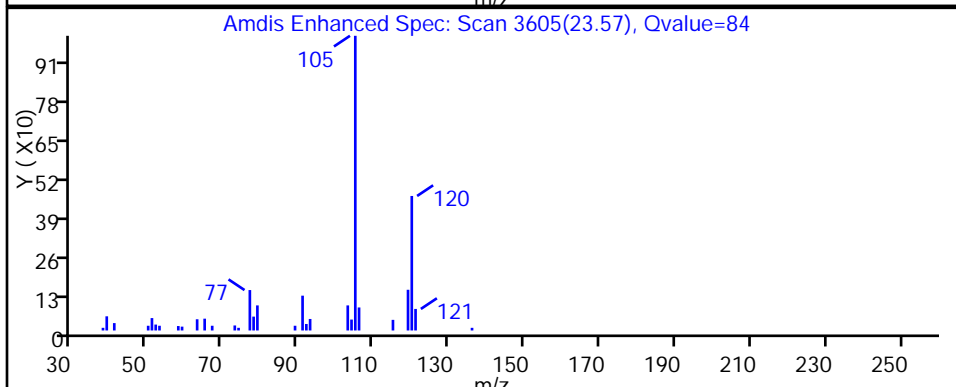
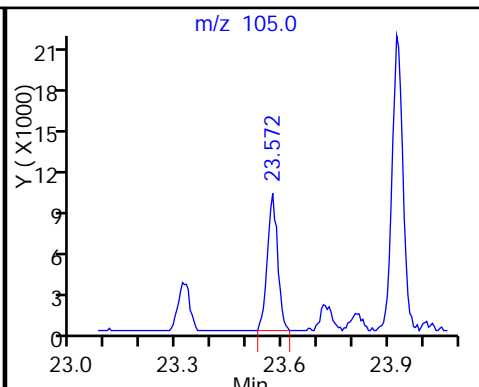
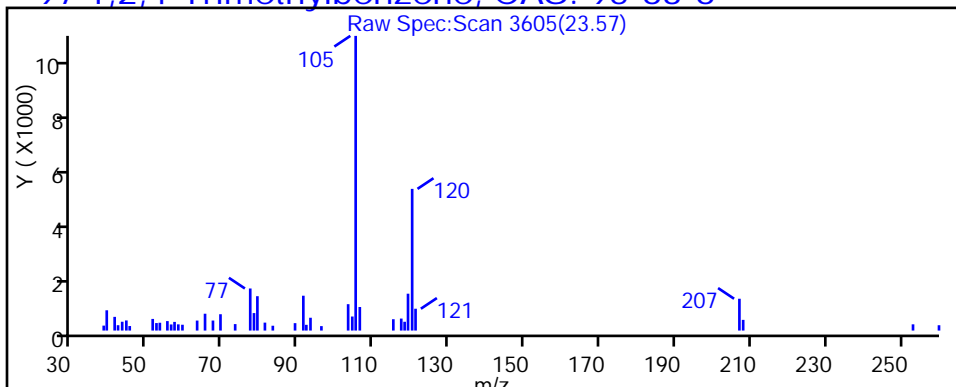
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_017.d

Injection Date: 18-Feb-2014 00:44:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-5

Lab Sample ID: 200-20955-5

Client ID: IA-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

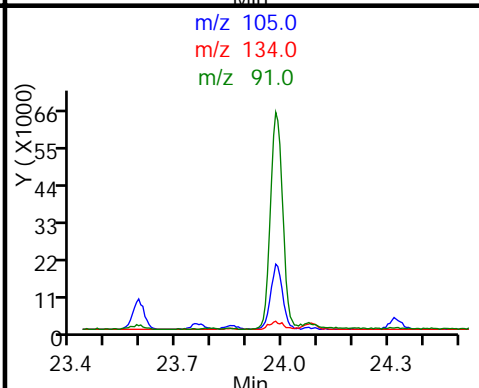
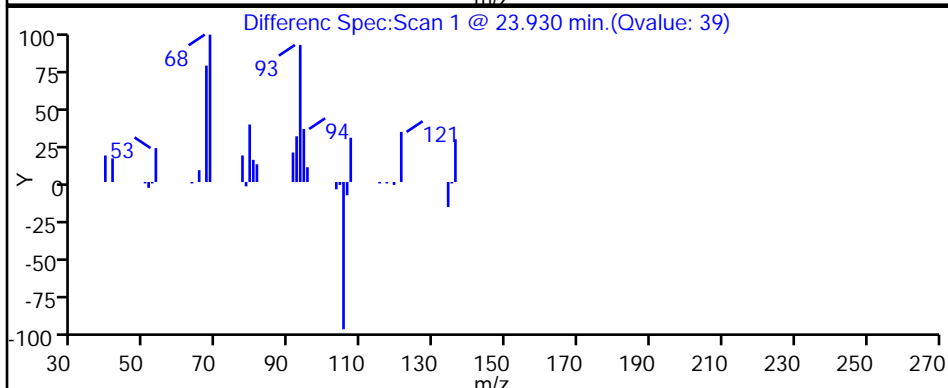
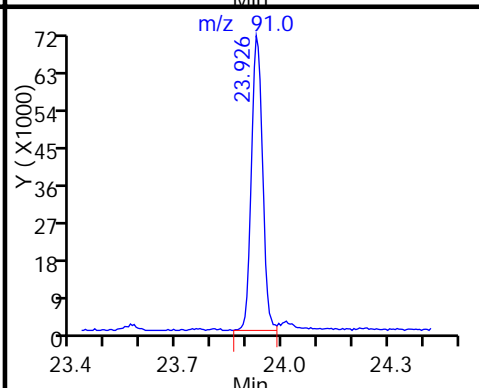
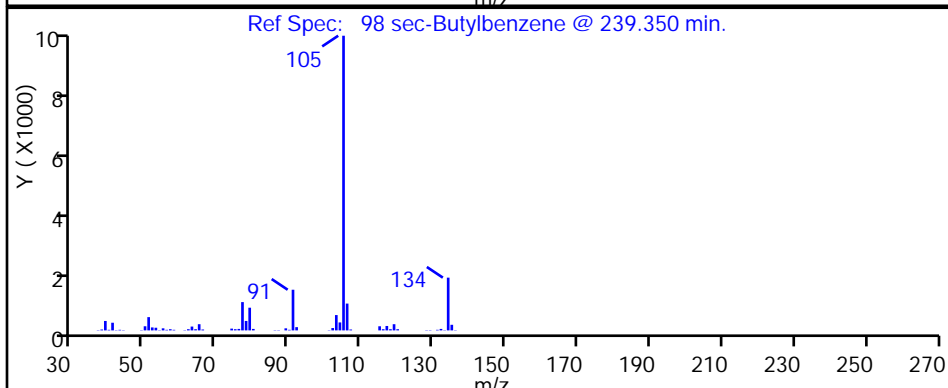
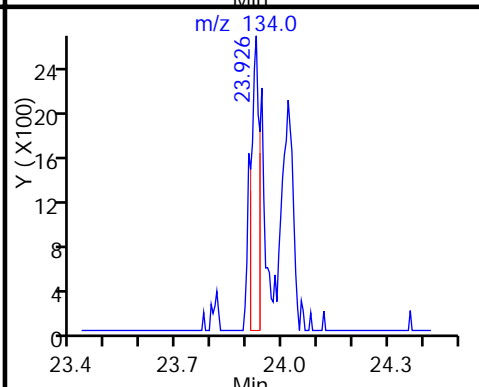
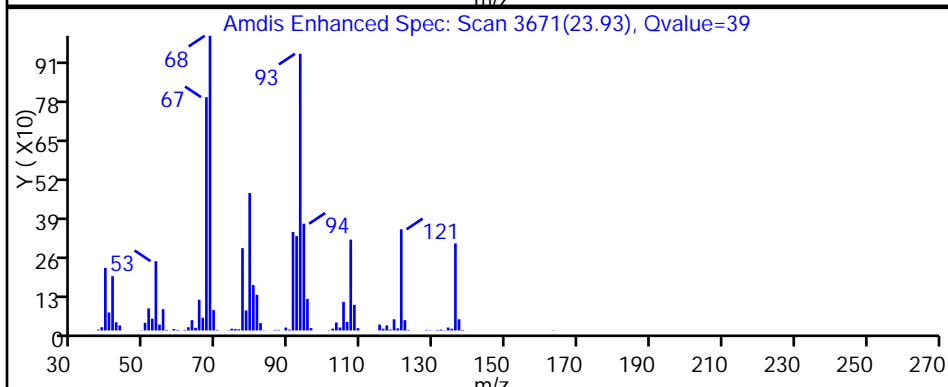
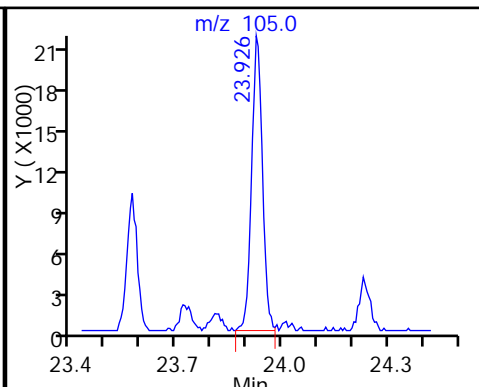
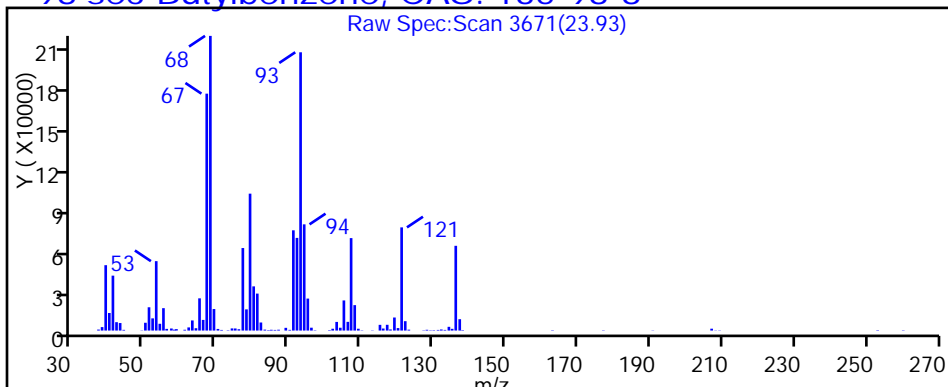
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

98 sec-Butylbenzene, CAS: 135-98-8



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3A Lab Sample ID: 200-20955-7
 Matrix: Air Lab File ID: 6267_019.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:02
 Sample wt/vol: 47 (mL) Date Analyzed: 02/22/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 12.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	6.5	U	6.5	0.39
75-45-6	Freon 22	86.47	2.8	J	6.5	0.62
76-14-2	Freon-114	170.92	2.6	U	2.6	0.45
74-87-3	Chloromethane	50.49	6.5	U	6.5	1.8
106-97-8	n-Butane	58.12	6.5	U	6.5	3.6
75-01-4	Vinyl chloride	62.50	0.52	U	0.52	0.49
106-99-0	1,3-Butadiene	54.09	2.6	U	2.6	0.54
74-83-9	Bromomethane	94.94	2.6	U	2.6	0.36
75-00-3	Chloroethane	64.52	6.5	U	6.5	0.39
593-60-2	Vinyl bromide	106.96	2.6	U	2.6	0.39
75-69-4	Freon 11	137.37	2.6	U	2.6	0.39
76-13-1	Freon 113	187.38	2.6	U	2.6	0.23
75-35-4	1,1-Dichloroethene	96.94	2.6	U	2.6	0.31
67-64-1	Acetone	58.08	65	U	65	16
67-63-0	Isopropyl alcohol	60.10	330		65	2.8
75-15-0	Carbon disulfide	76.14	6.5	U	6.5	0.85
107-05-1	Allyl chloride	76.53	6.5	U	6.5	0.44
75-09-2	Methylene Chloride	84.93	440		6.5	1.6
75-65-0	tert-Butyl alcohol	74.12	65	U	65	4.2
1634-04-4	Methyl tert-butyl ether	88.15	2.6	U	2.6	0.28
156-60-5	trans-1,2-Dichloroethene	96.94	2.6	U	2.6	0.37
110-54-3	Hexane	86.17	2.6	U	2.6	0.44
75-34-3	1,1-Dichloroethane	98.96	2.6	U	2.6	0.49
78-93-3	Methyl Ethyl Ketone	72.11	6.5	U	6.5	3.1
156-59-2	cis-1,2-Dichloroethene	96.94	2.6	U	2.6	0.49
540-59-0	1,2-Dichloroethene, Total	96.94	2.6	U	2.6	0.83
67-66-3	Chloroform	119.38	2.6	U	2.6	0.32
109-99-9	Tetrahydrofuran	72.11	6.8	J	65	0.59
71-55-6	1,1,1-Trichloroethane	133.41	2.6	U	2.6	0.27
110-82-7	Cyclohexane	84.16	2.5	J	2.6	0.32
56-23-5	Carbon tetrachloride	153.81	0.52	U	0.52	0.27
540-84-1	2,2,4-Trimethylpentane	114.23	2.6	U	2.6	0.35
71-43-2	Benzene	78.11	2.6	U	2.6	0.25
107-06-2	1,2-Dichloroethane	98.96	2.6	U	2.6	0.22
142-82-5	Heptane	100.21	2.6	U	2.6	0.59

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3A Lab Sample ID: 200-20955-7
 Matrix: Air Lab File ID: 6267_019.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:02
 Sample wt/vol: 47 (mL) Date Analyzed: 02/22/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 12.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.52	U	0.52	0.31
80-62-6	Methyl methacrylate	100.12	6.5	U	6.5	0.39
78-87-5	1,2-Dichloropropane	112.99	2.6	U	2.6	0.41
123-91-1	1,4-Dioxane	88.11	65	U	65	2.6
75-27-4	Bromodichloromethane	163.83	2.6	U	2.6	0.22
10061-01-5	cis-1,3-Dichloropropene	110.97	2.6	U	2.6	0.36
108-10-1	methyl isobutyl ketone	100.16	6.5	U	6.5	0.35
108-88-3	Toluene	92.14	1.5	J	2.6	0.22
10061-02-6	trans-1,3-Dichloropropene	110.97	2.6	U	2.6	0.28
79-00-5	1,1,2-Trichloroethane	133.41	2.6	U	2.6	0.22
127-18-4	Tetrachloroethene	165.83	2.6	U	2.6	0.21
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	6.5	U	6.5	2.6
124-48-1	Dibromochloromethane	208.29	2.6	U	2.6	0.26
106-93-4	1,2-Dibromoethane	187.87	2.6	U	2.6	0.26
108-90-7	Chlorobenzene	112.56	2.6	U	2.6	0.10
100-41-4	Ethylbenzene	106.17	2.6	U	2.6	0.17
179601-23-1	m,p-Xylene	106.17	6.5	U	6.5	0.30
95-47-6	Xylene, o-	106.17	2.6	U	2.6	0.21
1330-20-7	Xylene (total)	106.17	2.6	U	2.6	0.44
100-42-5	Styrene	104.15	2.6	U	2.6	0.23
75-25-2	Bromoform	252.75	2.6	U	2.6	0.13
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.6	U	2.6	0.21
103-65-1	n-Propylbenzene	120.19	2.6	U	2.6	1.0
622-96-8	4-Ethyltoluene	120.20	2.6	U	2.6	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	2.6	U	2.6	0.15
95-49-8	2-Chlorotoluene	126.59	2.6	U	2.6	0.17
98-06-6	tert-Butylbenzene	134.22	2.6	U	2.6	0.22
95-63-6	1,2,4-Trimethylbenzene	120.20	2.6	U	2.6	0.18
135-98-8	sec-Butylbenzene	134.22	2.6	U	2.6	1.0
99-87-6	4-Isopropyltoluene	134.22	2.6	U	2.6	1.0
541-73-1	1,3-Dichlorobenzene	147.00	2.6	U	2.6	0.18
106-46-7	1,4-Dichlorobenzene	147.00	2.6	U	2.6	0.18
100-44-7	Benzyl chloride	126.58	2.6	U	2.6	1.0
104-51-8	n-Butylbenzene	134.22	2.6	U	2.6	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3A Lab Sample ID: 200-20955-7
 Matrix: Air Lab File ID: 6267_019.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:02
 Sample wt/vol: 47 (mL) Date Analyzed: 02/22/2014 01:30
 Soil Aliquot Vol.: _____ Dilution Factor: 12.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.6	U	2.6	0.18
120-82-1	1,2,4-Trichlorobenzene	181.45	6.5	U	6.5	0.35
87-68-3	Hexachloro-1,3-butadiene	260.76	2.6	U	2.6	0.28
91-20-3	Naphthalene	128.17	6.5	U	6.5	2.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3A Lab Sample ID: 200-20955-7
 Matrix: Air Lab File ID: 6267_019.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:02
 Sample wt/vol: 47 (mL) Date Analyzed: 02/22/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 12.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	32	U	32	1.9
75-45-6	Freon 22	86.47	9.8	J	23	2.2
76-14-2	Freon-114	170.92	18	U	18	3.2
74-87-3	Chloromethane	50.49	13	U	13	3.6
106-97-8	n-Butane	58.12	15	U	15	8.6
75-01-4	Vinyl chloride	62.50	1.3	U	1.3	1.3
106-99-0	1,3-Butadiene	54.09	5.7	U	5.7	1.2
74-83-9	Bromomethane	94.94	10	U	10	1.4
75-00-3	Chloroethane	64.52	17	U	17	1.0
593-60-2	Vinyl bromide	106.96	11	U	11	1.7
75-69-4	Freon 11	137.37	14	U	14	2.2
76-13-1	Freon 113	187.38	20	U	20	1.8
75-35-4	1,1-Dichloroethene	96.94	10	U	10	1.2
67-64-1	Acetone	58.08	150	U	150	38
67-63-0	Isopropyl alcohol	60.10	810		160	6.8
75-15-0	Carbon disulfide	76.14	20	U	20	2.7
107-05-1	Allyl chloride	76.53	20	U	20	1.4
75-09-2	Methylene Chloride	84.93	1500		22	5.6
75-65-0	tert-Butyl alcohol	74.12	200	U	200	13
1634-04-4	Methyl tert-butyl ether	88.15	9.3	U	9.3	1.0
156-60-5	trans-1,2-Dichloroethene	96.94	10	U	10	1.5
110-54-3	Hexane	86.17	9.1	U	9.1	1.5
75-34-3	1,1-Dichloroethane	98.96	10	U	10	2.0
78-93-3	Methyl Ethyl Ketone	72.11	19	U	19	9.2
156-59-2	cis-1,2-Dichloroethene	96.94	10	U	10	1.9
540-59-0	1,2-Dichloroethene, Total	96.94	10	U	10	3.3
67-66-3	Chloroform	119.38	13	U	13	1.6
109-99-9	Tetrahydrofuran	72.11	20	J	190	1.8
71-55-6	1,1,1-Trichloroethane	133.41	14	U	14	1.5
110-82-7	Cyclohexane	84.16	8.7	J	8.9	1.1
56-23-5	Carbon tetrachloride	153.81	3.2	U	3.2	1.7
540-84-1	2,2,4-Trimethylpentane	114.23	12	U	12	1.6
71-43-2	Benzene	78.11	8.2	U	8.2	0.78
107-06-2	1,2-Dichloroethane	98.96	10	U	10	0.89
142-82-5	Heptane	100.21	11	U	11	2.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3A Lab Sample ID: 200-20955-7
 Matrix: Air Lab File ID: 6267_019.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:02
 Sample wt/vol: 47 (mL) Date Analyzed: 02/22/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 12.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.8	U	2.8	1.7
80-62-6	Methyl methacrylate	100.12	26	U	26	1.6
78-87-5	1,2-Dichloropropane	112.99	12	U	12	1.9
123-91-1	1,4-Dioxane	88.11	230	U	230	9.3
75-27-4	Bromodichloromethane	163.83	17	U	17	1.5
10061-01-5	cis-1,3-Dichloropropene	110.97	12	U	12	1.6
108-10-1	methyl isobutyl ketone	100.16	26	U	26	1.4
108-88-3	Toluene	92.14	5.5	J	9.7	0.83
10061-02-6	trans-1,3-Dichloropropene	110.97	12	U	12	1.3
79-00-5	1,1,2-Trichloroethane	133.41	14	U	14	1.2
127-18-4	Tetrachloroethene	165.83	17	U	17	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	26	U	26	11
124-48-1	Dibromochloromethane	208.29	22	U	22	2.2
106-93-4	1,2-Dibromoethane	187.87	20	U	20	2.0
108-90-7	Chlorobenzene	112.56	12	U	12	0.48
100-41-4	Ethylbenzene	106.17	11	U	11	0.73
179601-23-1	m,p-Xylene	106.17	28	U	28	1.3
95-47-6	Xylene, o-	106.17	11	U	11	0.90
1330-20-7	Xylene (total)	106.17	11	U	11	1.9
100-42-5	Styrene	104.15	11	U	11	0.99
75-25-2	Bromoform	252.75	27	U	27	1.3
79-34-5	1,1,2,2-Tetrachloroethane	167.85	18	U	18	1.4
103-65-1	n-Propylbenzene	120.19	13	U	13	5.1
622-96-8	4-Ethyltoluene	120.20	13	U	13	1.1
108-67-8	1,3,5-Trimethylbenzene	120.20	13	U	13	0.76
95-49-8	2-Chlorotoluene	126.59	13	U	13	0.87
98-06-6	tert-Butylbenzene	134.22	14	U	14	1.2
95-63-6	1,2,4-Trimethylbenzene	120.20	13	U	13	0.89
135-98-8	sec-Butylbenzene	134.22	14	U	14	5.7
99-87-6	4-Isopropyltoluene	134.22	14	U	14	5.7
541-73-1	1,3-Dichlorobenzene	147.00	16	U	16	1.1
106-46-7	1,4-Dichlorobenzene	147.00	16	U	16	1.1
100-44-7	Benzyl chloride	126.58	13	U	13	5.3
104-51-8	n-Butylbenzene	134.22	14	U	14	5.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3A Lab Sample ID: 200-20955-7
 Matrix: Air Lab File ID: 6267_019.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:02
 Sample wt/vol: 47(mL) Date Analyzed: 02/22/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 12.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	16	U	16	1.1
120-82-1	1,2,4-Trichlorobenzene	181.45	48	U	48	2.6
87-68-3	Hexachloro-1,3-butadiene	260.76	28	U	28	3.0
91-20-3	Naphthalene	128.17	34	U	34	14

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D
 Lims ID: 200-20955-A-7 Lab Sample ID: 200-20955-7
 Client ID: IA-VMP-3A
 Sample Type: Client
 Inject. Date: 22-Feb-2014 01:30:30 ALS Bottle#: 16 Worklist Smp#: 19
 Purge Vol: 200.000 mL Dil. Factor: 12.9000
 Sample Info: 200-0006267-019
 Misc. Info.: 20955-7
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:46:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.127					
6 Chlorodifluoromethane	51	3.181	3.181	0.001	87	17354	0.2141	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	1243696	25.6	
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	1668754	34.4	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72		10.135					
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	67	686284	10.0	
44 Tetrahydrofuran	42	10.579	10.579	0.0	83	24431	0.5233	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.986	10.991	-0.005	78	19197	0.1959	M
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48						
	50						
	51						
	52						
	53						
*	54			114	12.617	12.623	-0.006 91 3925820 10.0
	56						
	58						
	59						
	60						
	62						
	64						
	65						
	66			92	15.854	15.849	0.005 86 31364 0.1136
	70						
	71						
	72						
	73						
	74						
	75						
*	76			117	18.786	18.786	0.0 81 3769324 10.0
	77						
	78						
	80						
S	82						
	83						
	84						
	85						
\$	87			95	21.107	21.107	0.0 98 1785967 NC
	88						
	90						
	92						
	91						
	94						
	96						
	97						
	98						
	99						
	100						
	101						
	102						
	103						
	105						
	107						
	108						
	109						

QC Flag Legend

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Worklist Smp#: 19

Client ID: IA-VMP-3A

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

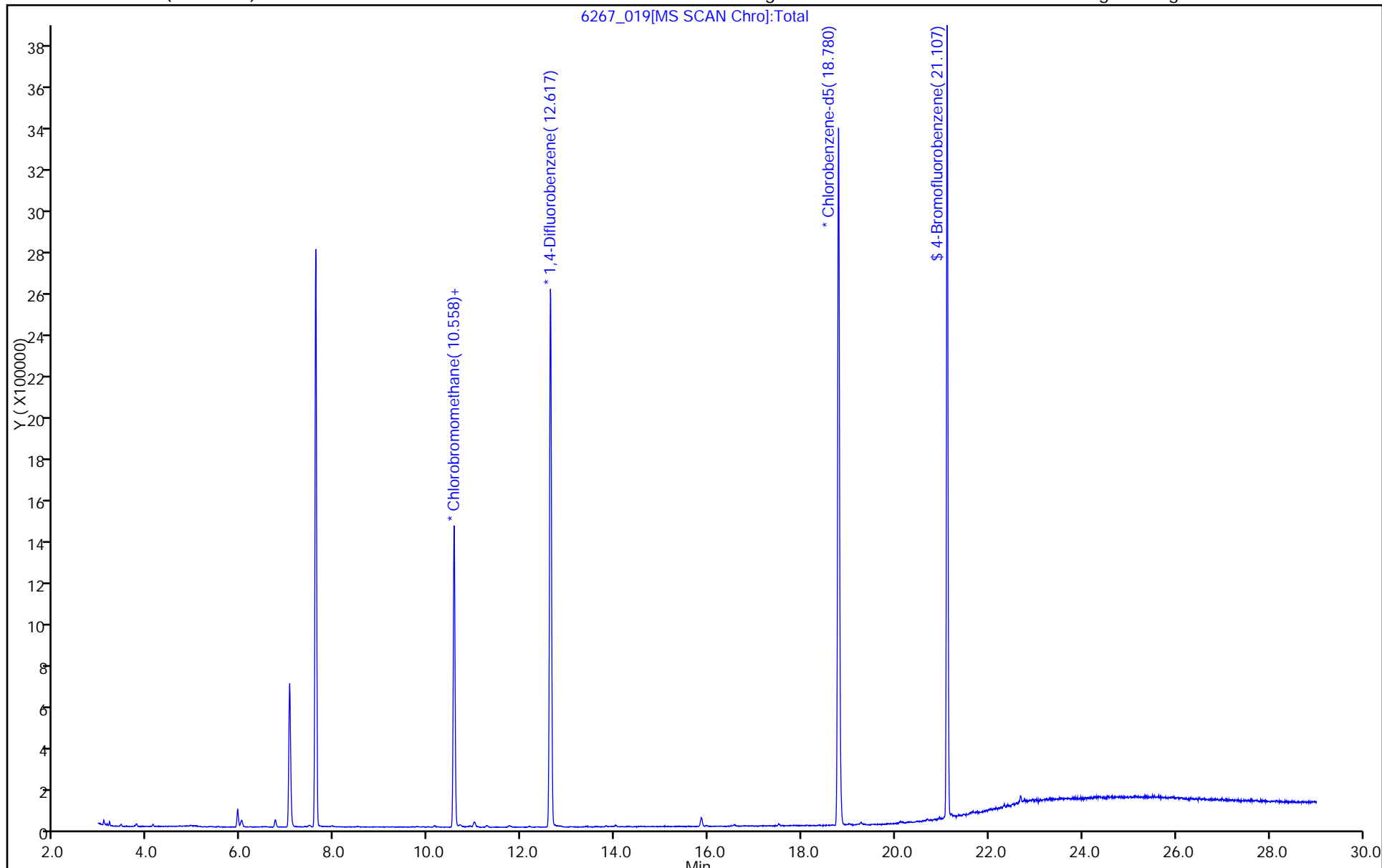
ALS Bottle#: 16

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Client ID: IA-VMP-3A

Operator ID: bl

ALS Bottle#: 16

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

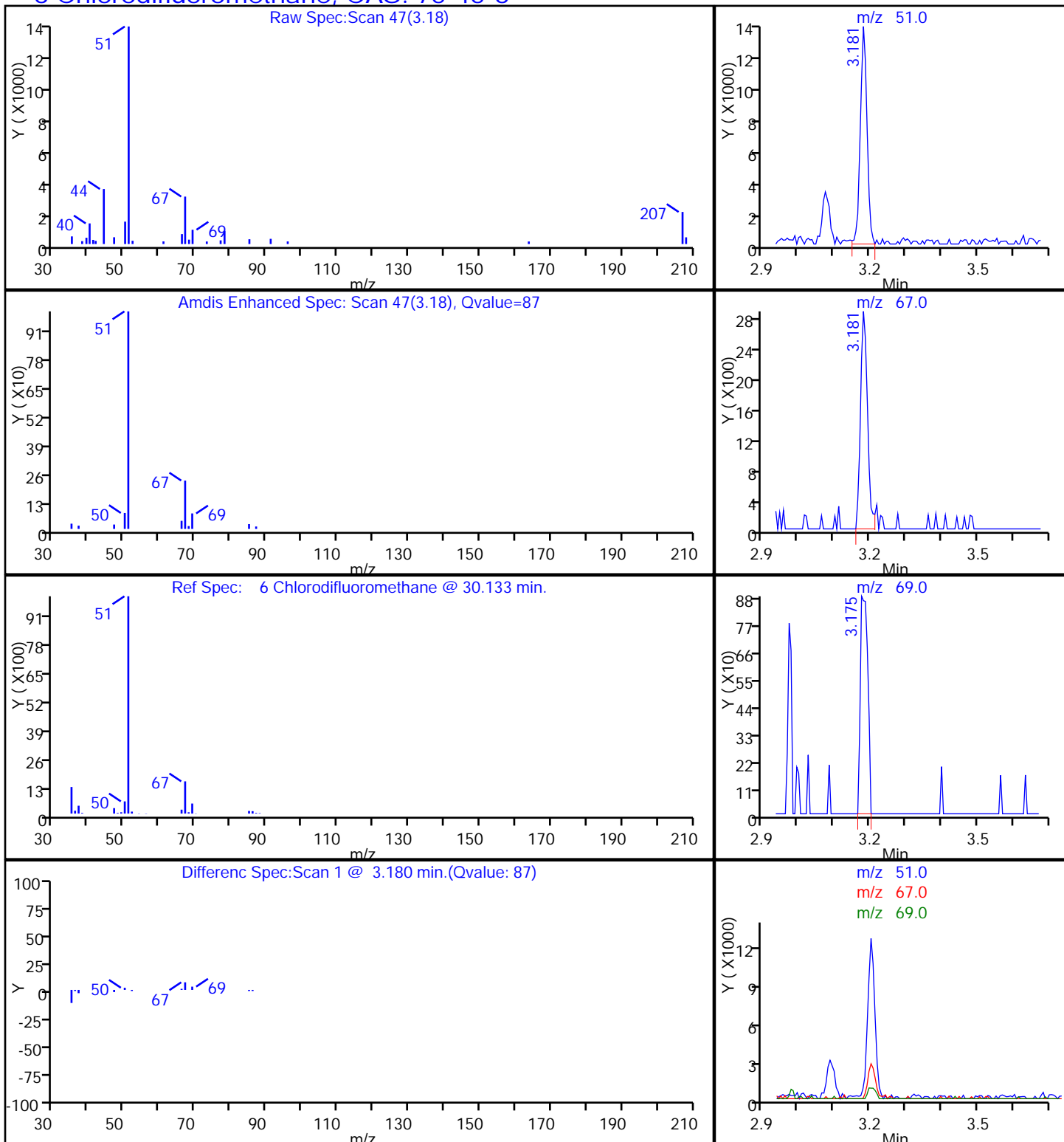
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Client ID: IA-VMP-3A

Operator ID: bl

ALS Bottle#: 16

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

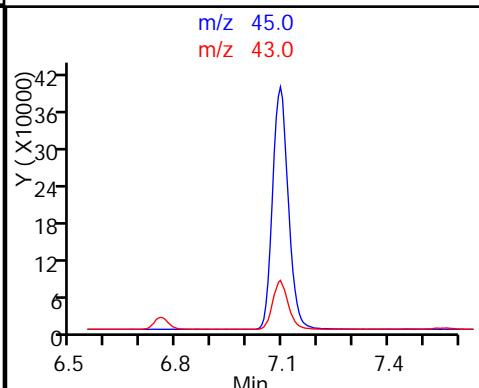
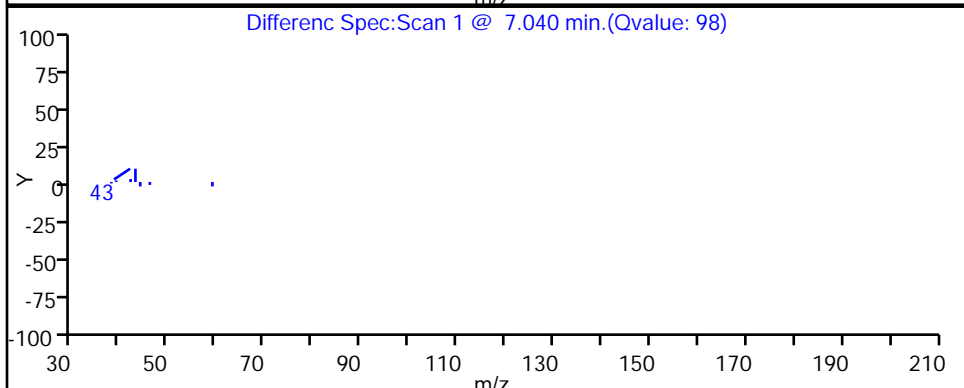
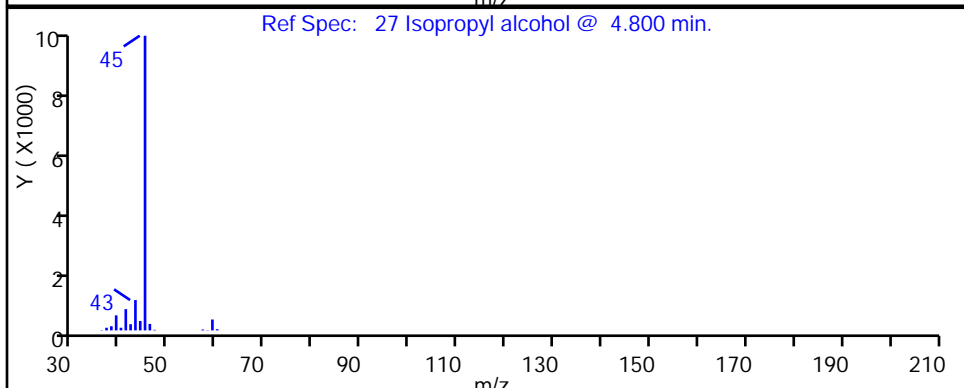
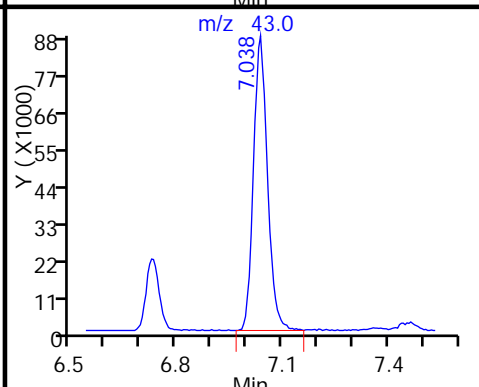
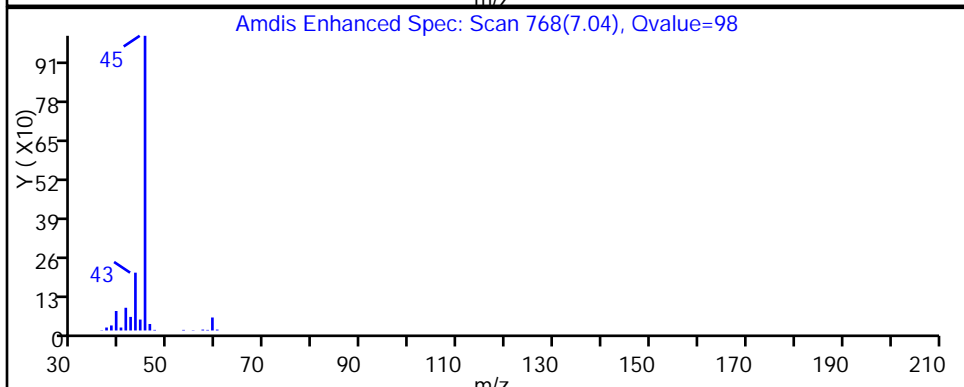
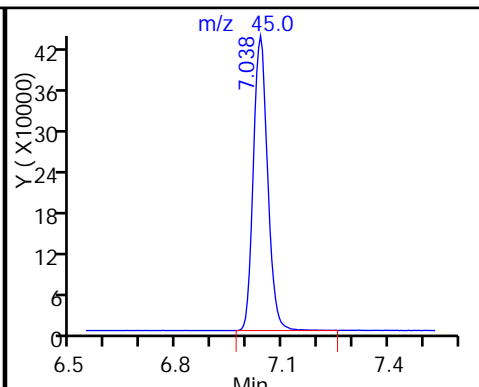
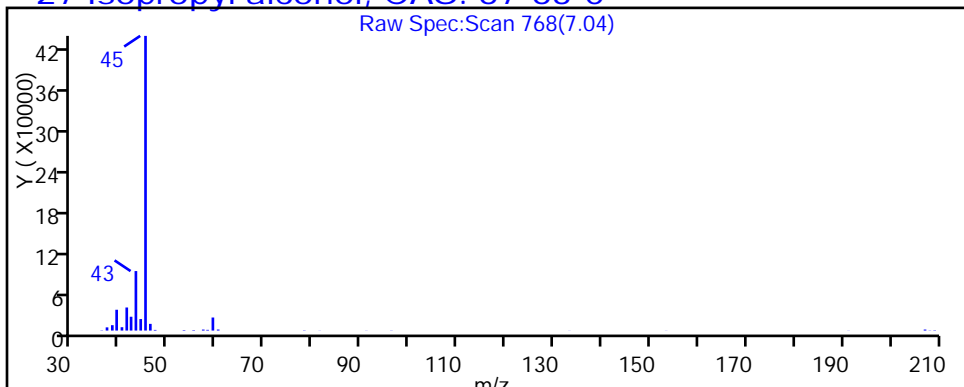
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Client ID: IA-VMP-3A

Operator ID: bl

ALS Bottle#: 16

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

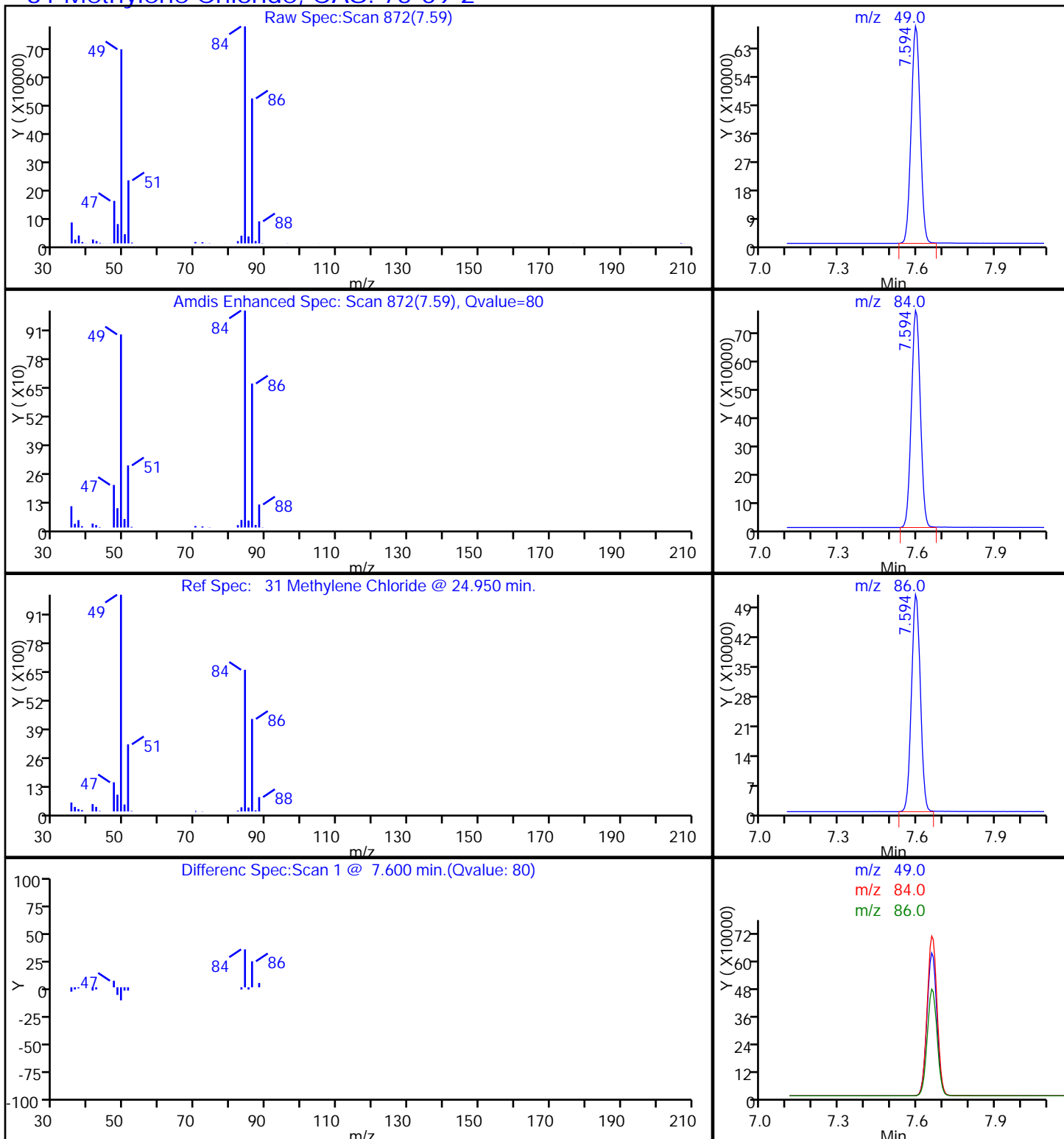
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Client ID: IA-VMP-3A

Operator ID: bl

ALS Bottle#: 16

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

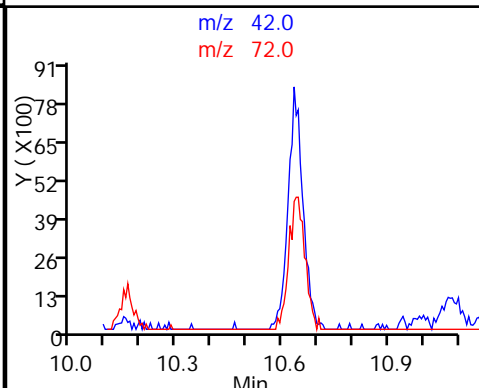
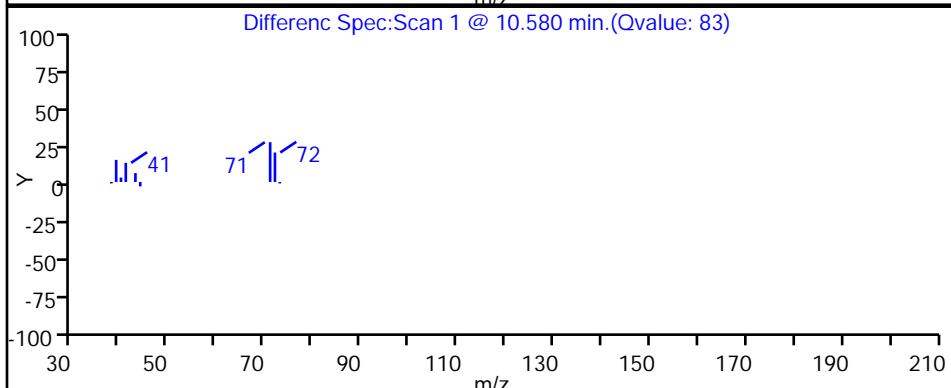
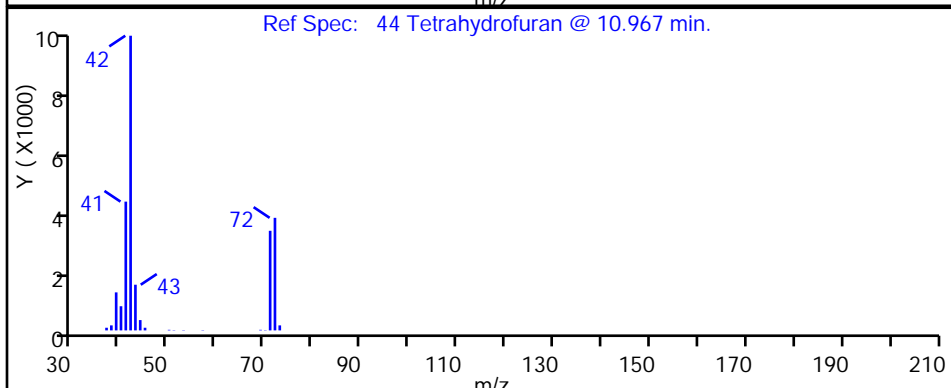
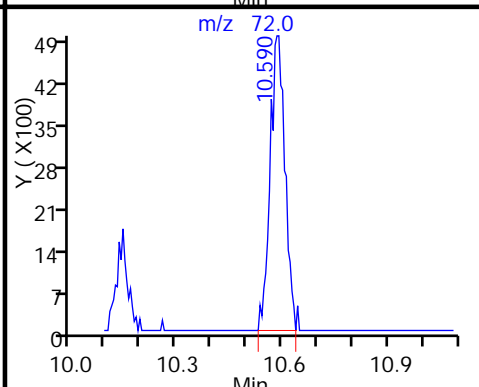
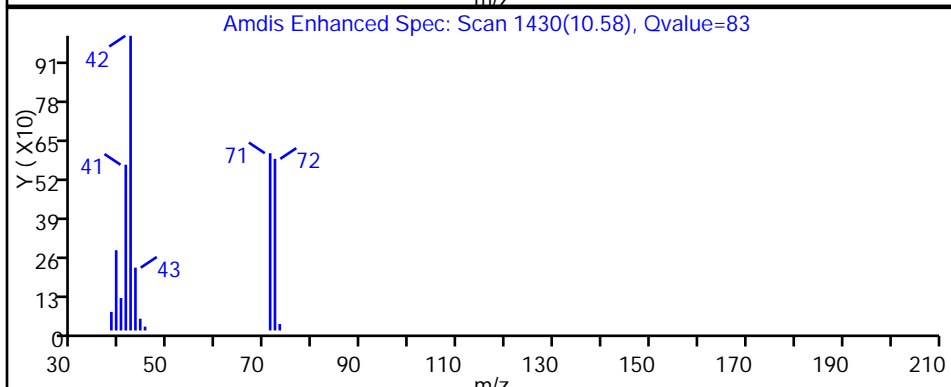
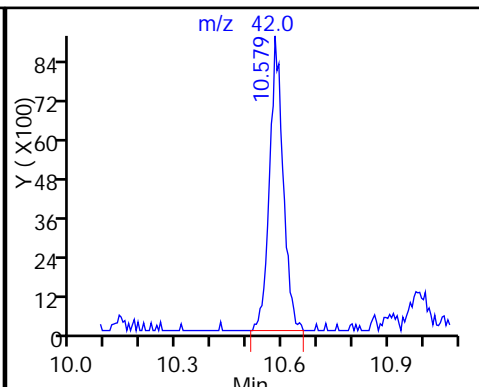
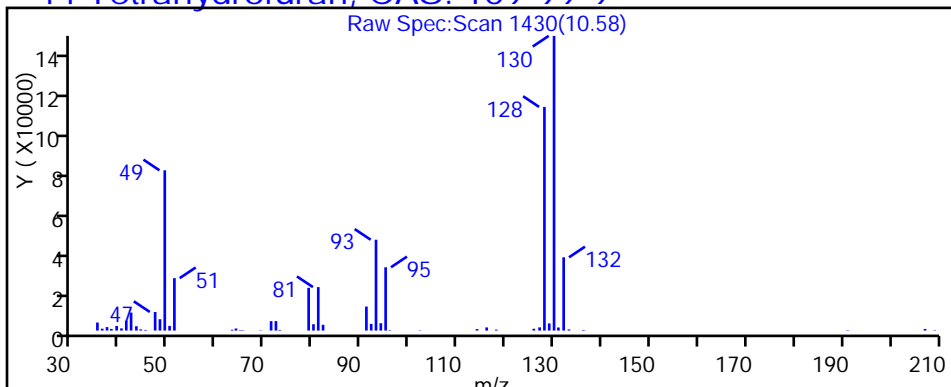
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Client ID: IA-VMP-3A

Operator ID: bl

ALS Bottle#: 16

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

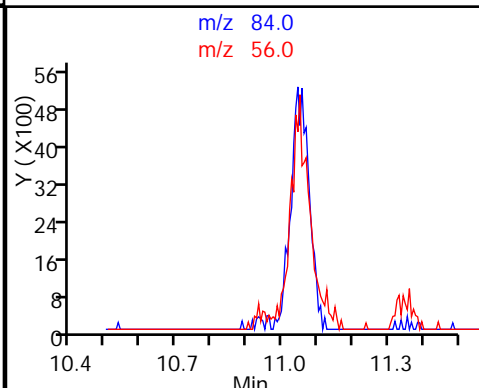
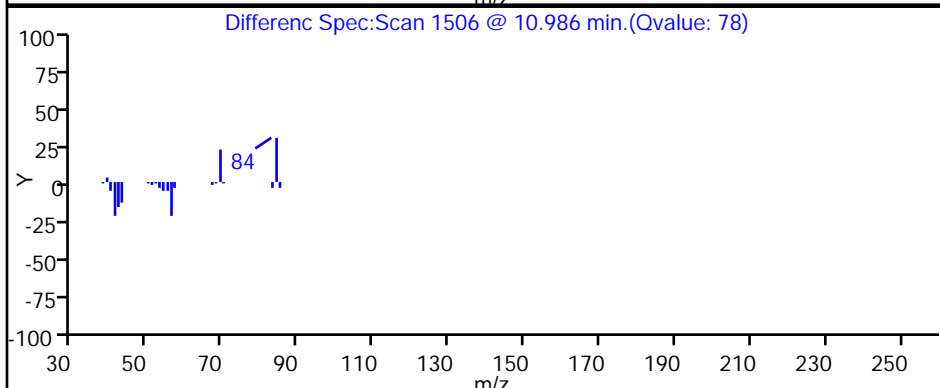
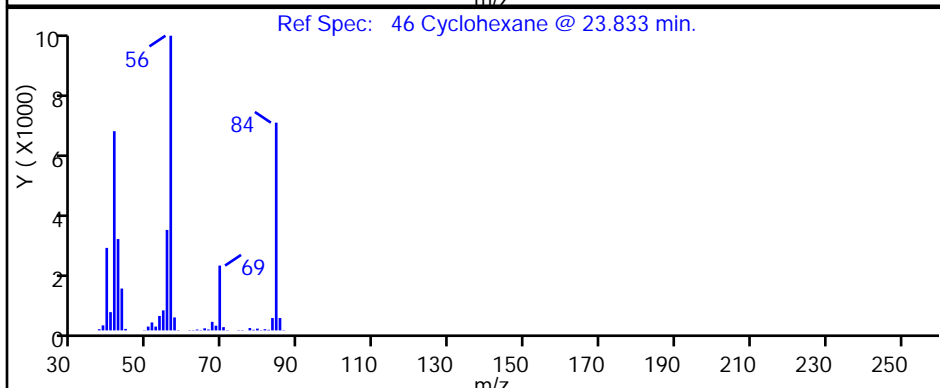
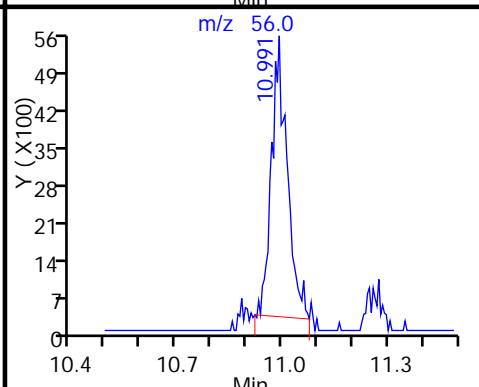
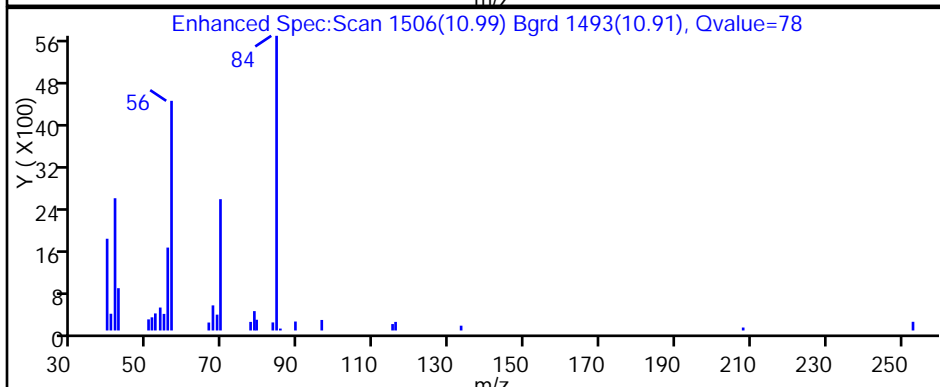
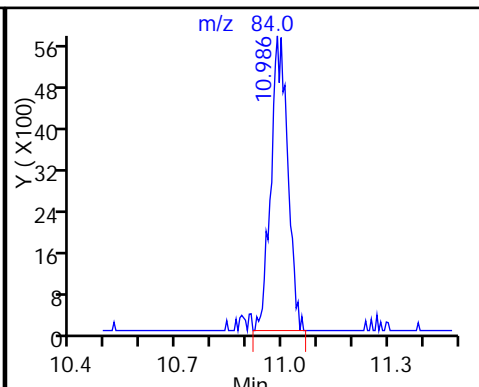
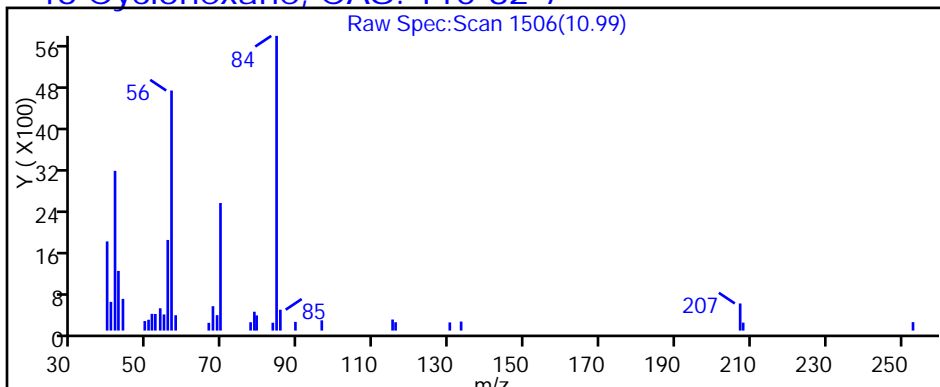
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D

Injection Date: 22-Feb-2014 01:30:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-7

Lab Sample ID: 200-20955-7

Client ID: IA-VMP-3A

Operator ID: bl

ALS Bottle#: 16

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 12.9000

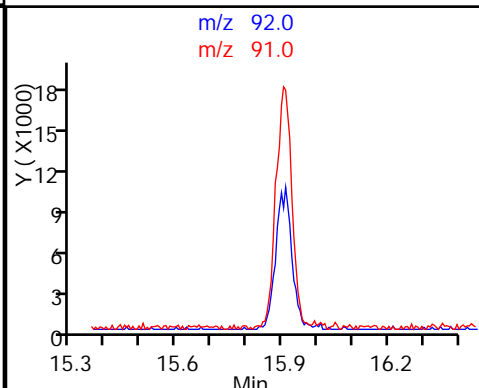
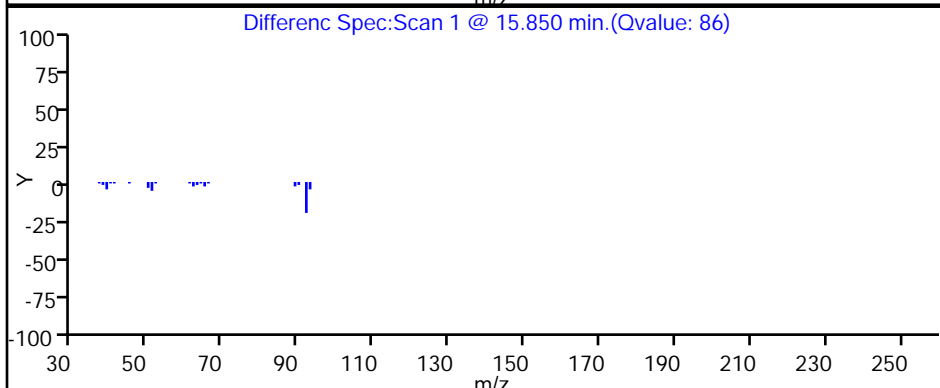
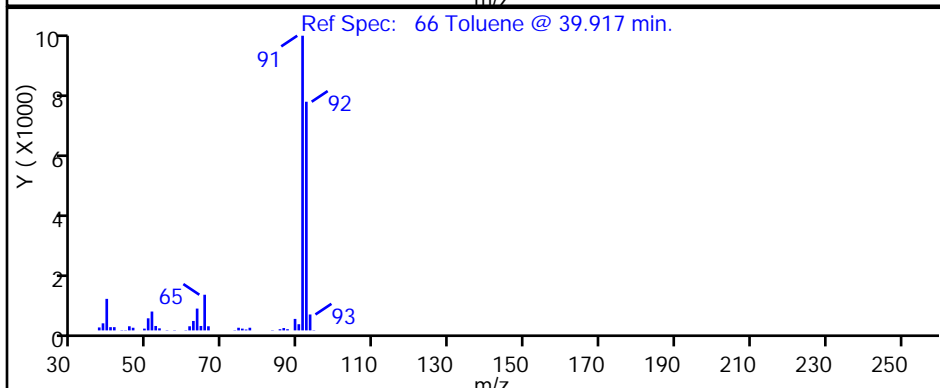
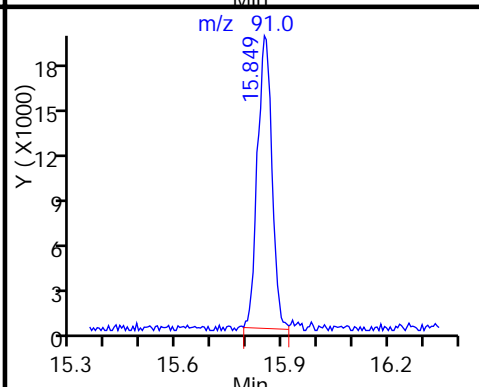
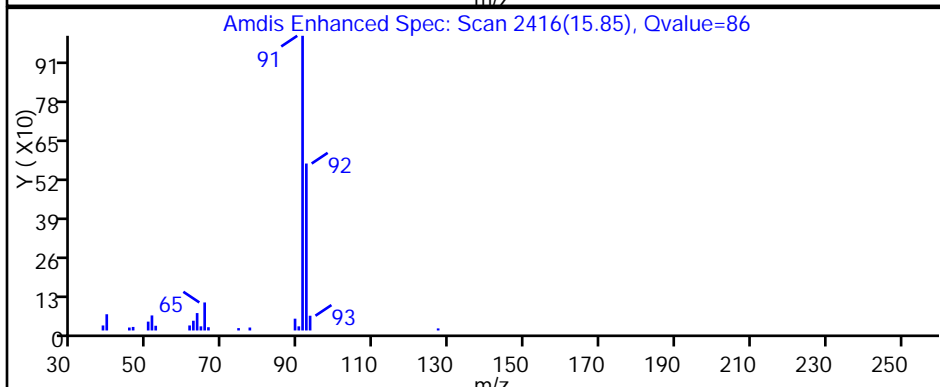
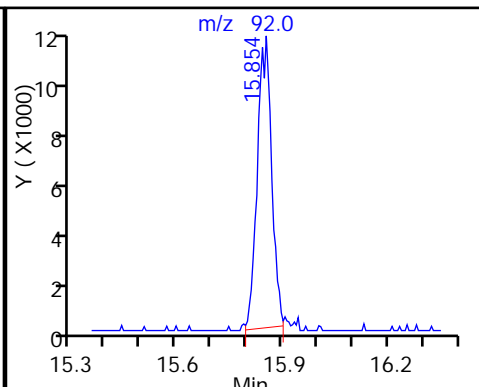
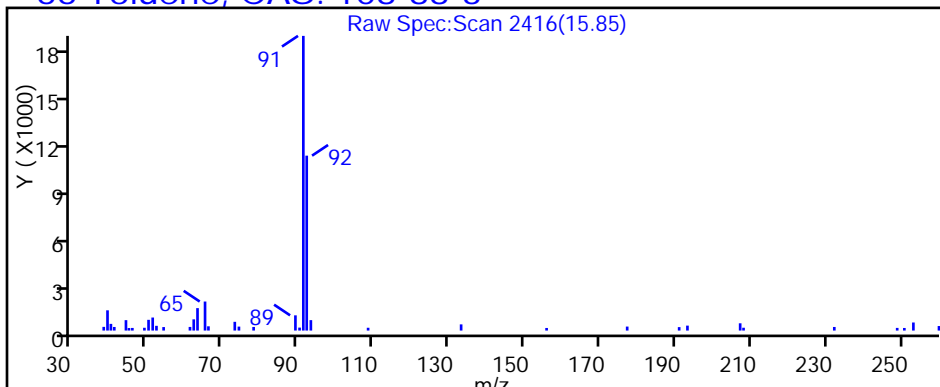
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



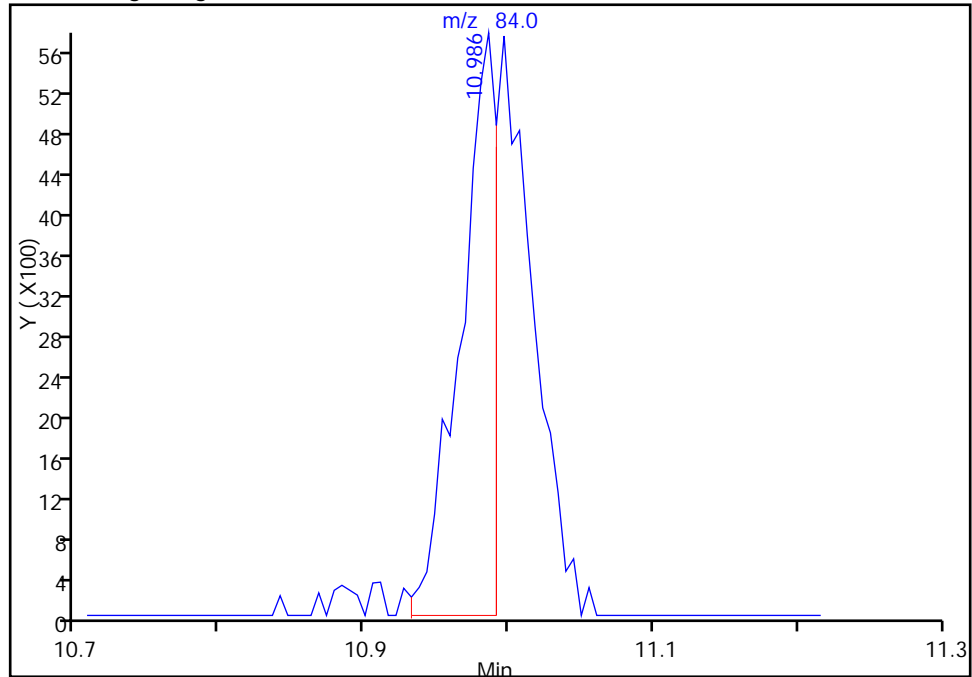
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D
Injection Date: 22-Feb-2014 01:30:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-7 Lab Sample ID: 200-20955-7
Client ID: IA-VMP-3A
Operator ID: bl ALS Bottle#: 16 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 12.9000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

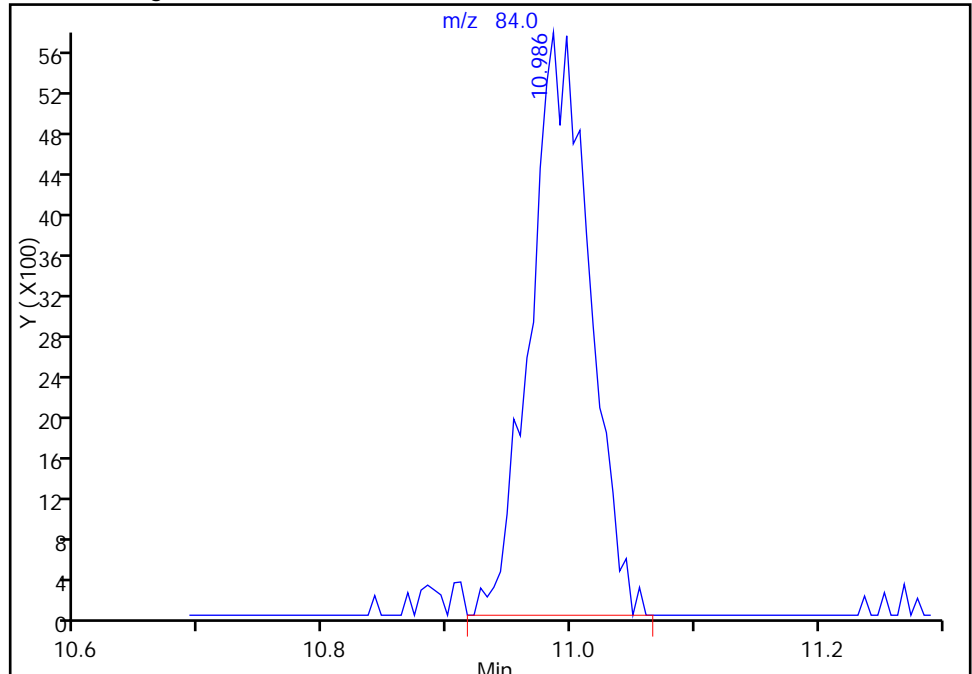
RT: 10.99
Response: 10067
Amount: 0.102740

Processing Integration Results



RT: 10.99
Response: 19197
Amount: 0.195918

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:46:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

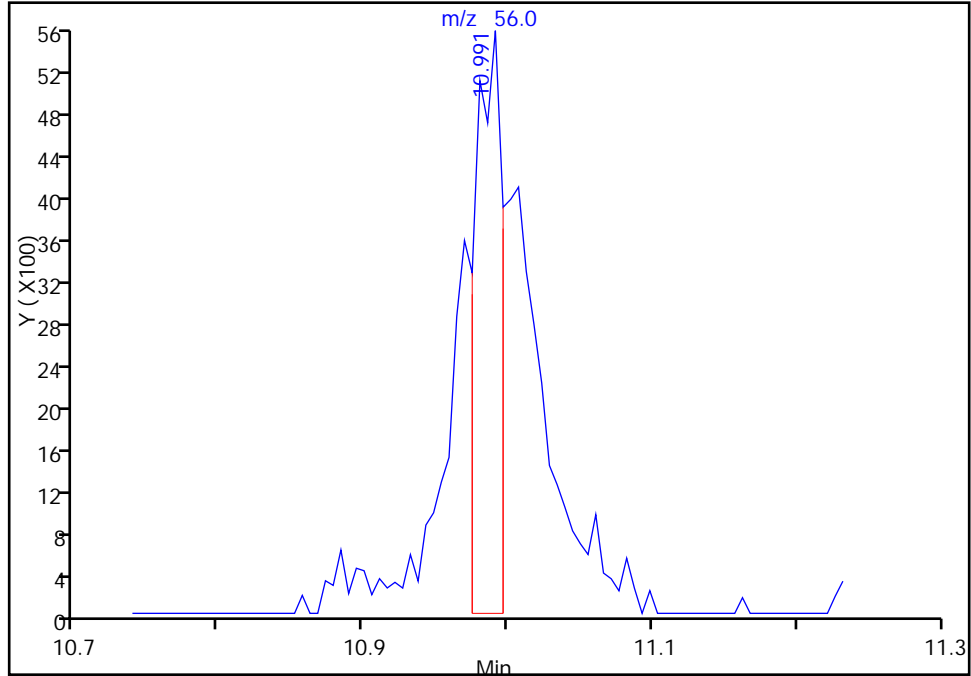
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_019.D
Injection Date: 22-Feb-2014 01:30:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-7 Lab Sample ID: 200-20955-7
Client ID: IA-VMP-3A
Operator ID: bl ALS Bottle#: 16 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 12.9000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

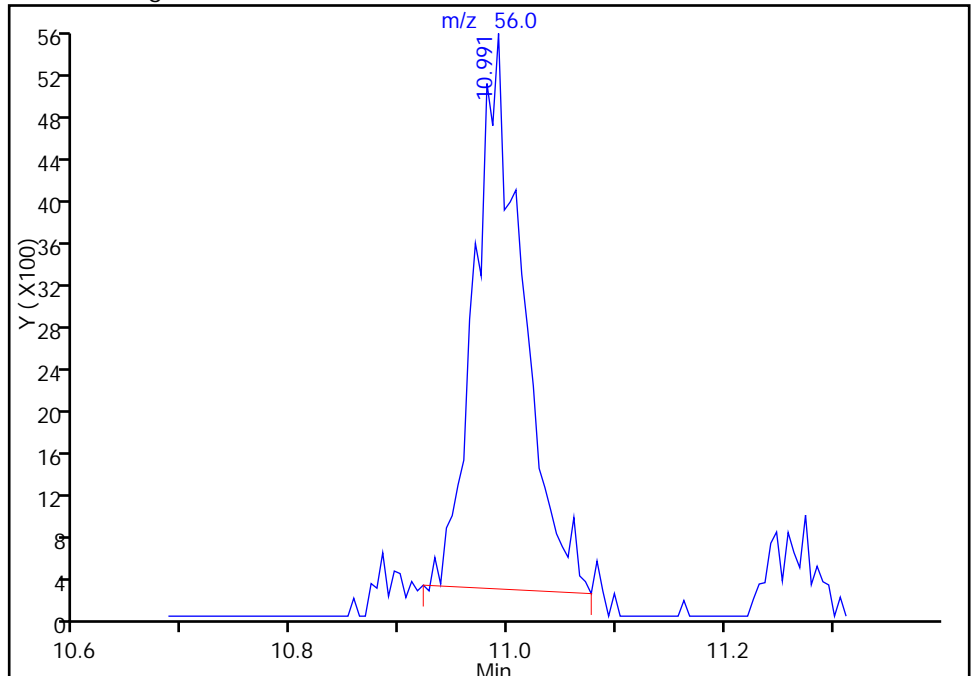
RT: 10.99
Response: 7231
Amount: 0.102740

Processing Integration Results



RT: 10.99
Response: 16394
Amount: 0.195918

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:46:22
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3B Lab Sample ID: 200-20955-9
 Matrix: Air Lab File ID: 6171_019.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:22
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 02:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.46	J	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	1.0		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.25		0.20	0.030
76-13-1	Freon 113	187.38	0.072	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	4.9	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	38		5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	11		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.13	J	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.79		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.83		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.065		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.27		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.12	J	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3B Lab Sample ID: 200-20955-9
 Matrix: Air Lab File ID: 6171_019.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:22
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 02:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.56		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.047	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.048	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.091	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.091	J	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3B Lab Sample ID: 200-20955-9
 Matrix: Air Lab File ID: 6171_019.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:22
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 02:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3B Lab Sample ID: 200-20955-9
 Matrix: Air Lab File ID: 6171_019.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:22
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 02:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.3	J	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	2.4		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.4		1.1	0.17
76-13-1	Freon 113	187.38	0.56	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	94		12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	39		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.47	J	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	2.3		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	2.9		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.41		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.86		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.49	J	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3B Lab Sample ID: 200-20955-9
 Matrix: Air Lab File ID: 6171_019.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:22
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 02:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	2.1		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.32	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.21	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.39	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.40	J	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3B Lab Sample ID: 200-20955-9
 Matrix: Air Lab File ID: 6171_019.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:22
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 02:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
 Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
 Client ID: IA-VMP-3B
 Sample Type: Client
 Inject. Date: 18-Feb-2014 02:23:30 ALS Bottle#: 1 Worklist Smp#: 19
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-019
 Misc. Info.: 200-20955-A-9
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:48:30 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.485	4.474	0.011	83	81195	0.4598	
6 Chlorodifluoromethane	51		4.538					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50		5.020					
9 Butane	43	5.293	5.287	0.006	90	49054	1.00	
10 Vinyl chloride	62		5.341					
11 Butadiene	54		5.442					
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.213	7.192	0.021	93	49396	0.2496	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.460	8.438	0.022	77	8976	0.0725	
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.770	8.749	0.022	87	276773	4.94	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.080	9.027	0.053	97	1797416	38.3	
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.749	9.733	0.016	79	439939	11.3	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.669	10.648	0.021	82	7214	0.1335	
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72	12.402	12.392	0.010	97	18822	0.7929	
44 Tetrahydrofuran	42		12.852					
* 43 Chlorobromomethane	128	12.868	12.852	0.016	67	386084	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.264	13.258	0.006	80	57351	0.8348	M
47 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117	13.542	13.531	0.011	78	11619	0.0648	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	51 Isooctane		57		13.927					
	50 Benzene		78	13.997	13.986	0.011	94	44335	0.2704	M
	52 1,2-Dichloroethane		62		14.141					
	53 n-Heptane		43	14.275	14.275	0.0	62	6770	0.1185	M
*	54 1,4-Difluorobenzene		114	14.751	14.746	0.005	93	1881646	10.0	
	56 Trichloroethene		95		15.206					
	58 1,2-Dichloropropane		63		15.730					
	59 Methyl methacrylate		69		15.810					
	60 1,4-Dioxane		88		15.901					
	62 Dichlorobromomethane		83		16.222					
	64 cis-1,3-Dichloropropene		75		17.083					
	65 4-Methyl-2-pentanone (MIBK)		43		17.319					
	66 Toluene		92	17.661	17.661	0.0	95	67812	0.5623	
	70 trans-1,3-Dichloropropene		75		18.191					
	71 1,1,2-Trichloroethane		83		18.560					
	72 Tetrachloroethene		166	18.699	18.694	0.005	73	7095	0.0473	M
	73 2-Hexanone		43		18.950					
	74 Chlorodibromomethane		129		19.314					
	75 Ethylene Dibromide		107		19.598					
S	82 Xylenes, Total		106				0		0.0910	7
*	76 Chlorobenzene-d5		117	20.443	20.443	0.0	84	1663066	10.0	
	77 Chlorobenzene		112		20.496					
	78 Ethylbenzene		91	20.614	20.614	0.0	79	13457	0.0478	
	80 m-Xylene & p-Xylene		106	20.828	20.833	-0.005	98	10337	0.0910	
	83 o-Xylene		106		21.545					
	84 Styrene		104		21.582					
	85 Bromoform		173		21.962					
\$	87 4-Bromofluorobenzene		95	22.444	22.444	0.0	97	1082057	NC	
	88 1,1,2,2-Tetrachloroethane		83		22.668					
	90 N-Propylbenzene		91		22.743					
	91 4-Ethyltoluene		105		22.909					
	92 2-Chlorotoluene		91		22.941					
	94 1,3,5-Trimethylbenzene		105		23.000					
	96 tert-Butylbenzene		119		23.476					
	97 1,2,4-Trimethylbenzene		105		23.573					
	98 sec-Butylbenzene		105		23.808					
	99 4-Isopropyltoluene		119		24.011					
	100 1,3-Dichlorobenzene		146		24.081					
	101 1,4-Dichlorobenzene		146		24.225					
	102 Benzyl chloride		91		24.434					
	103 n-Butylbenzene		91		24.653					
	105 1,2-Dichlorobenzene		146		24.830					
	107 1,2,4-Trichlorobenzene		180		27.724					
	108 Hexachlorobutadiene		225		27.927					
	109 Naphthalene		128		28.312					

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Worklist Smp#: 19

Client ID: IA-VMP-3B

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

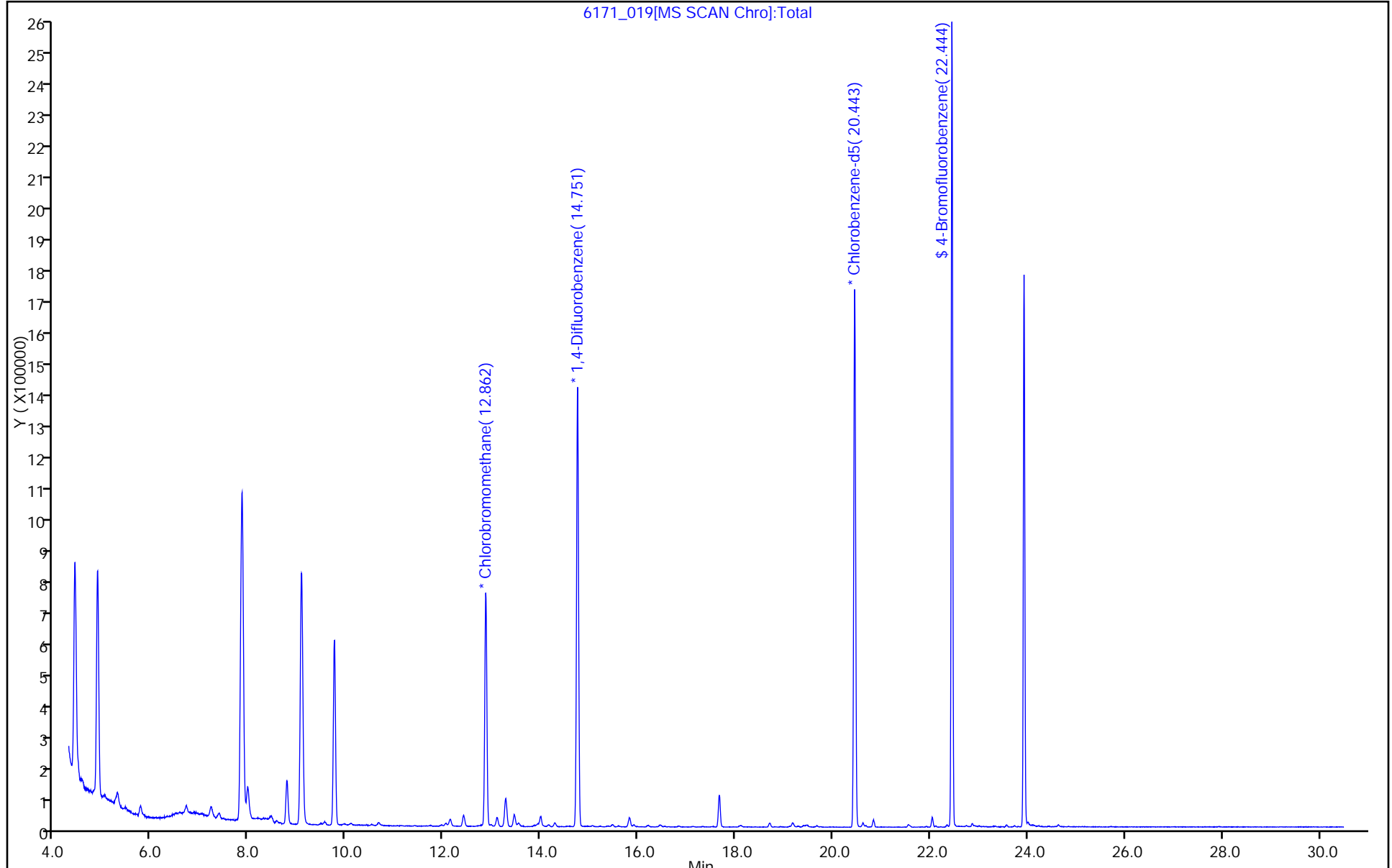
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

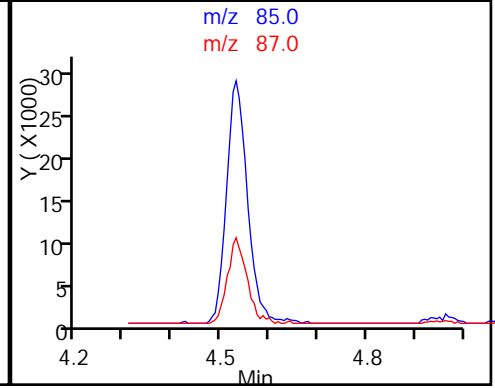
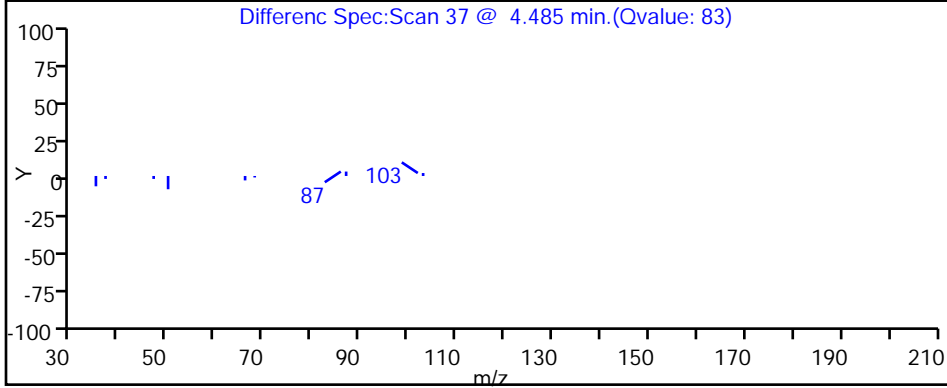
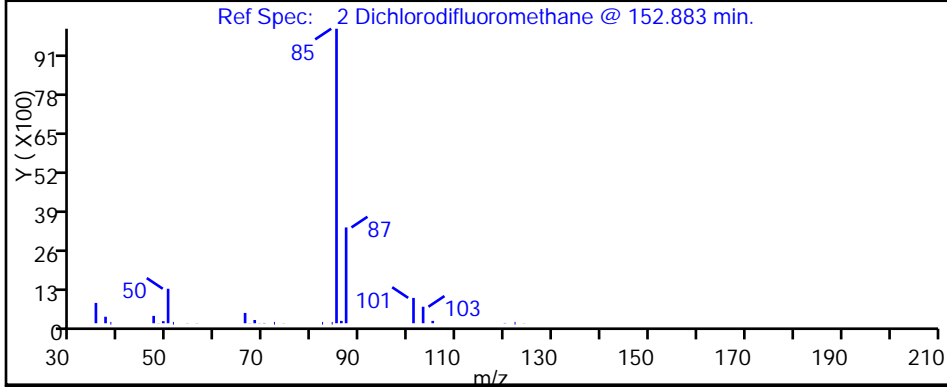
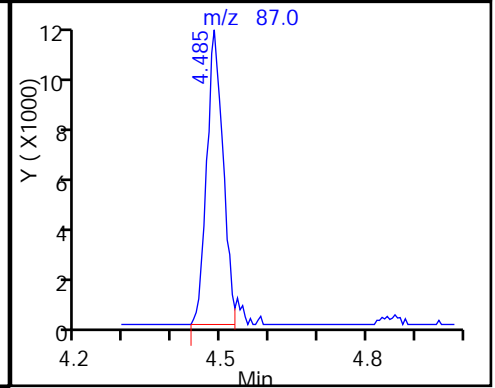
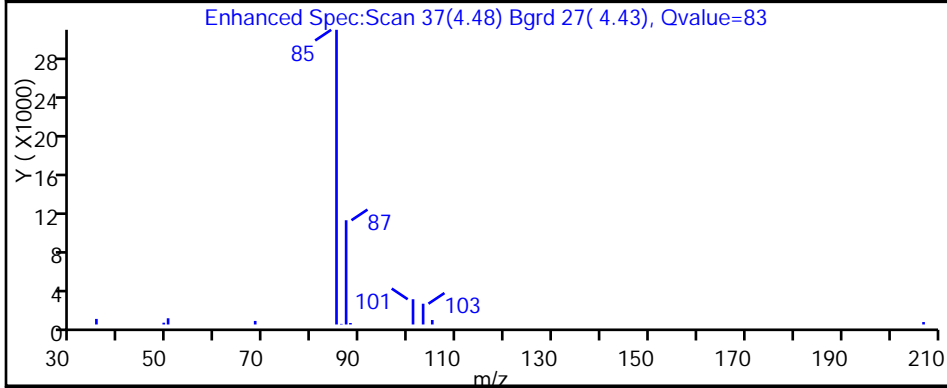
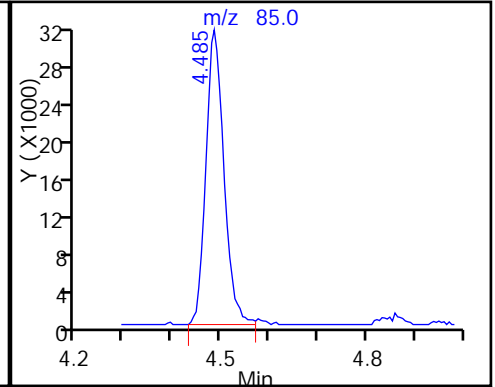
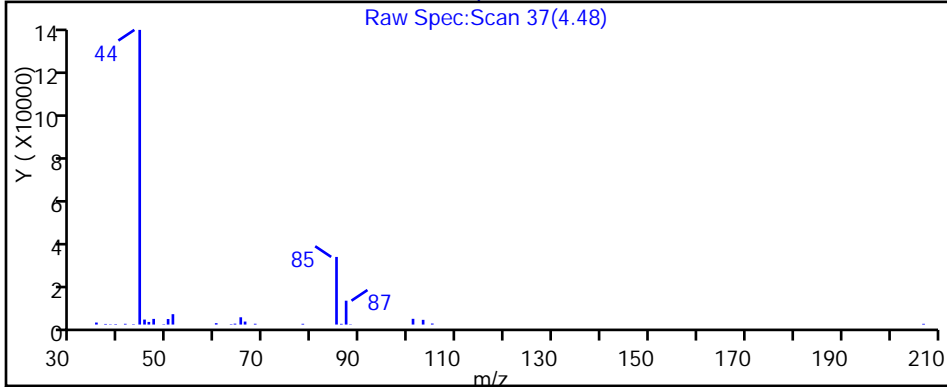
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

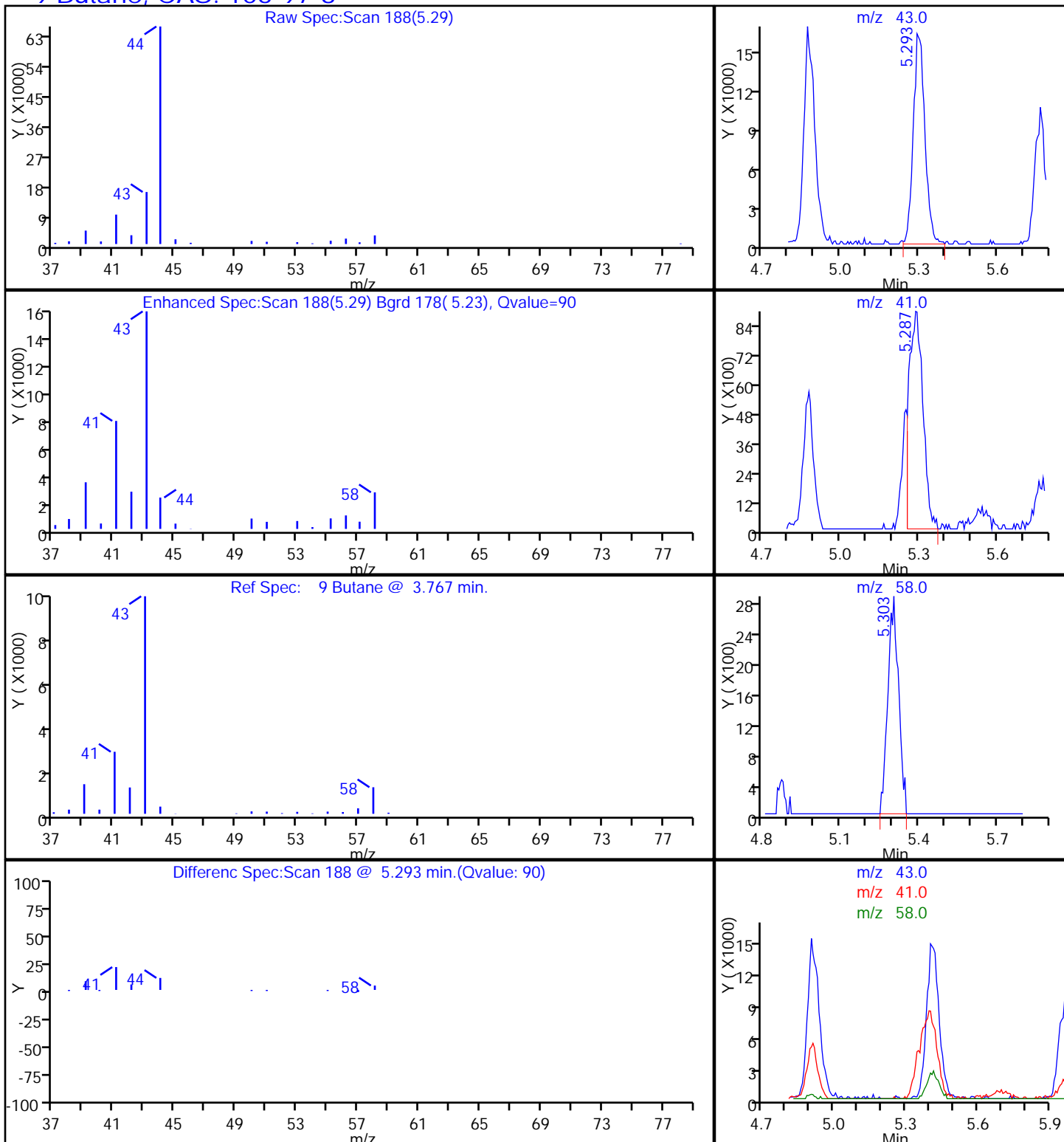
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

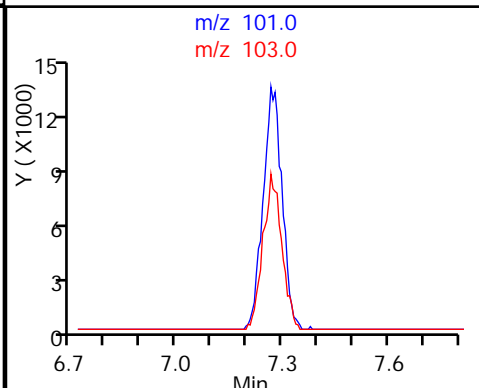
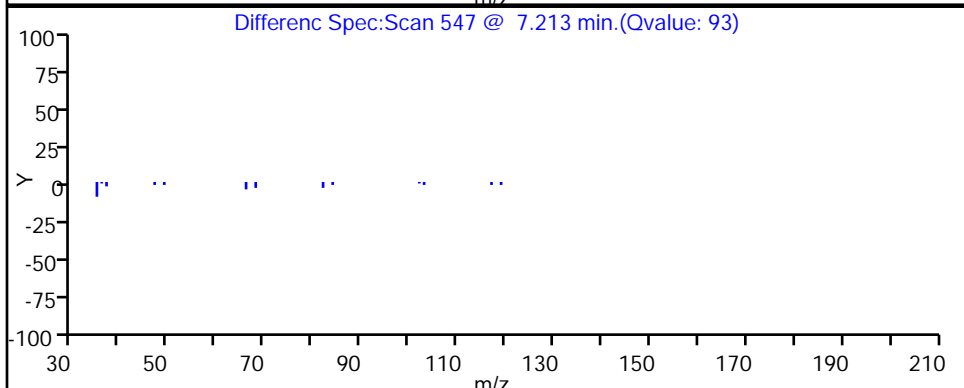
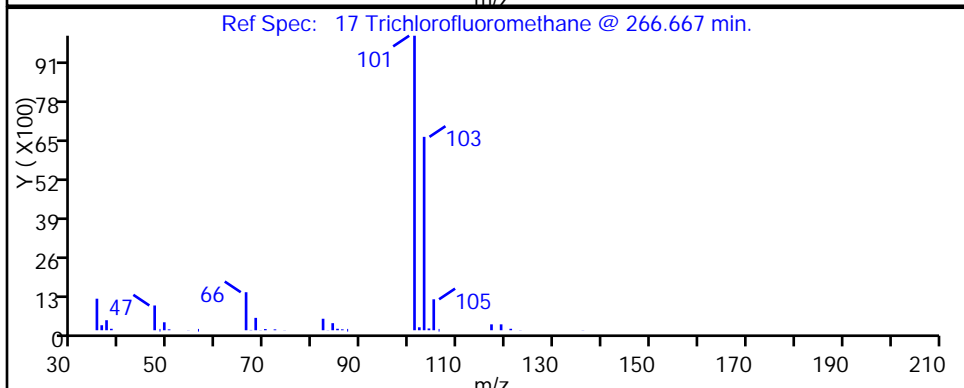
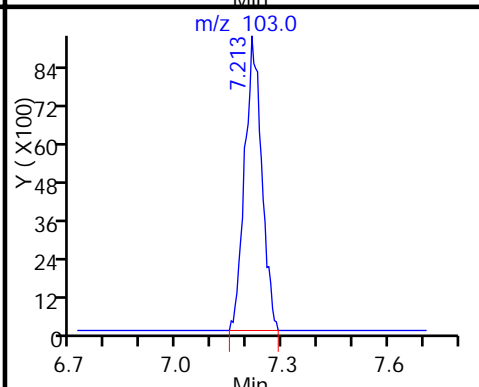
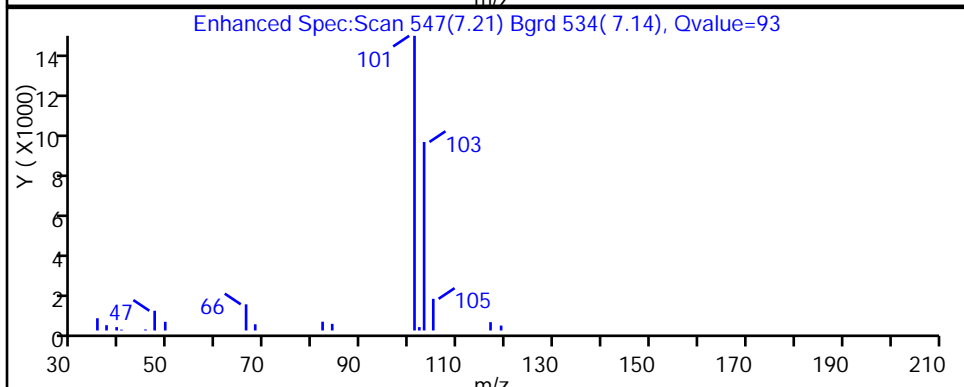
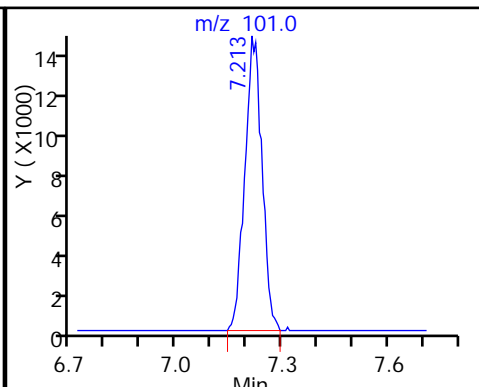
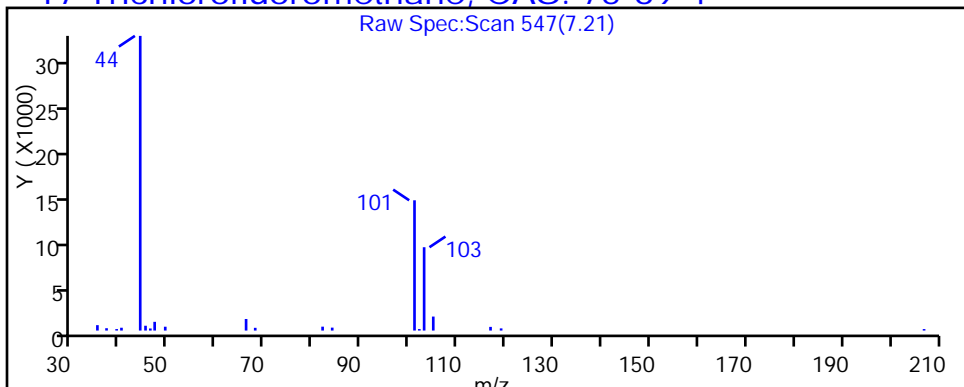
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

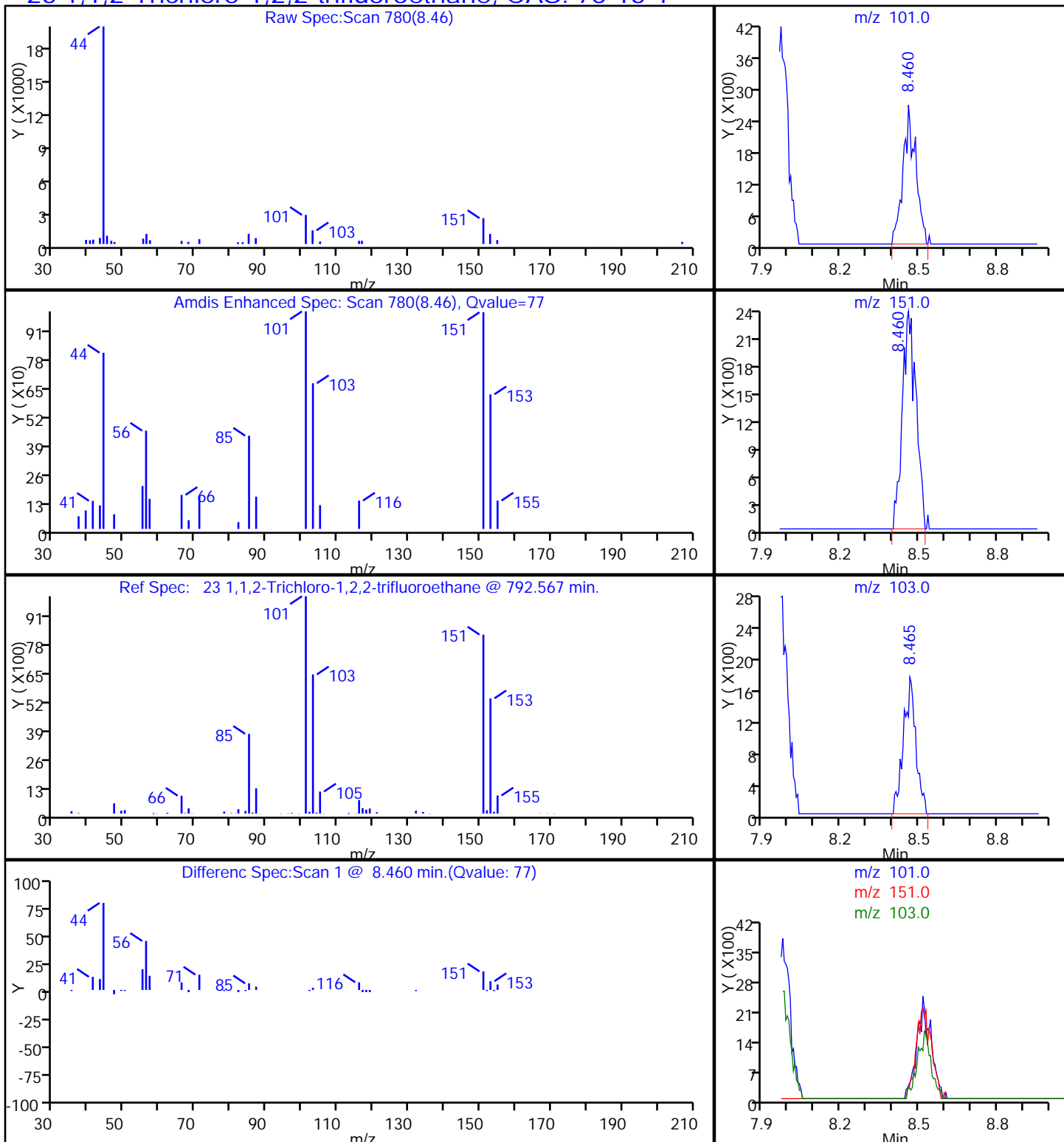
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

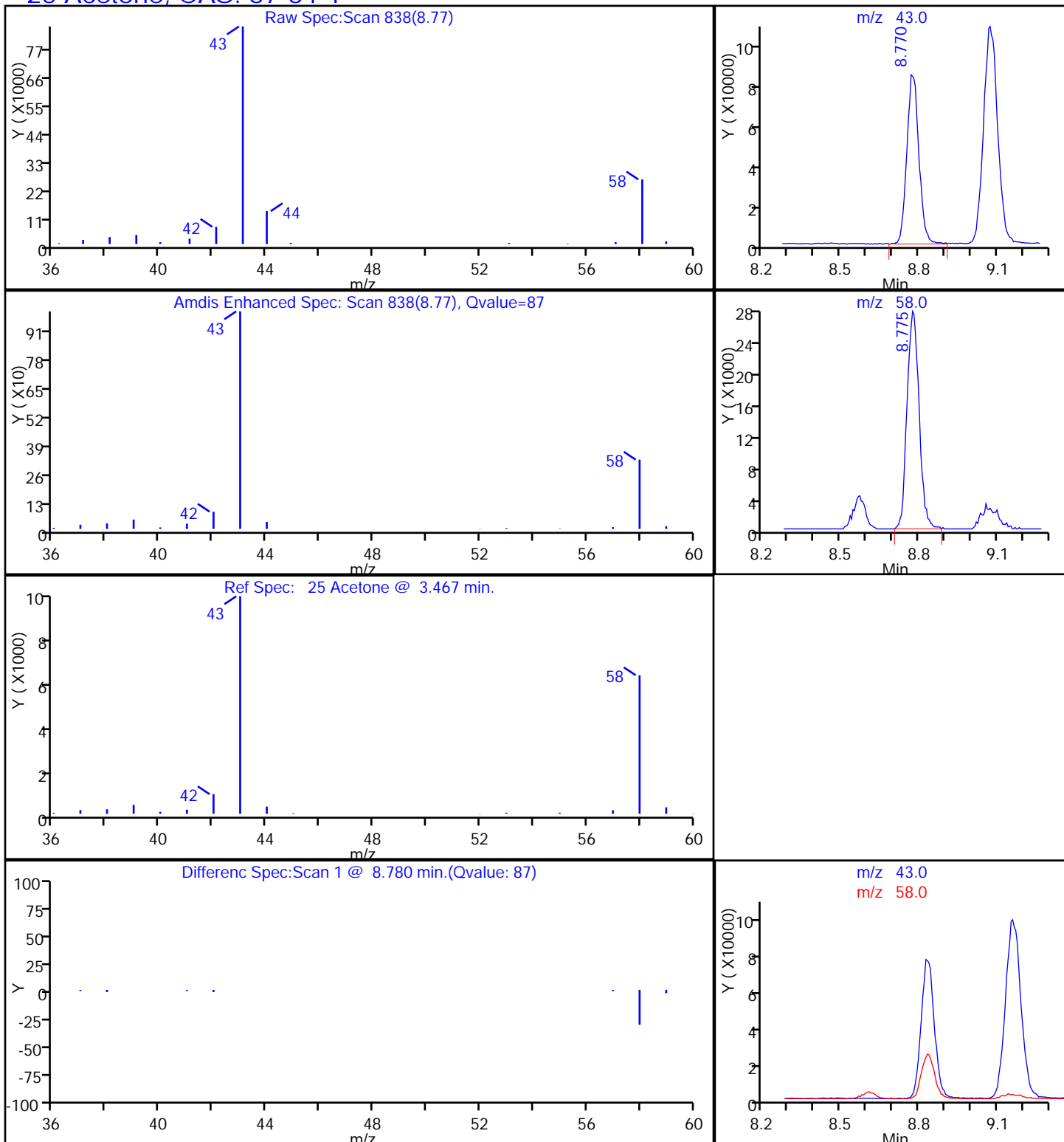
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

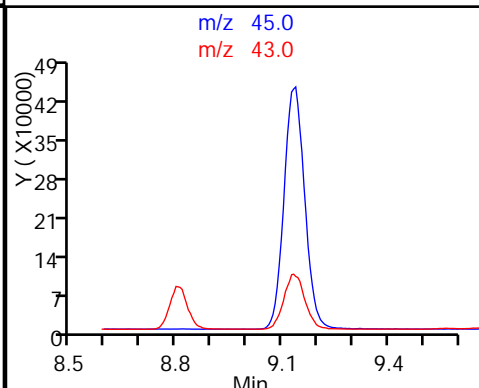
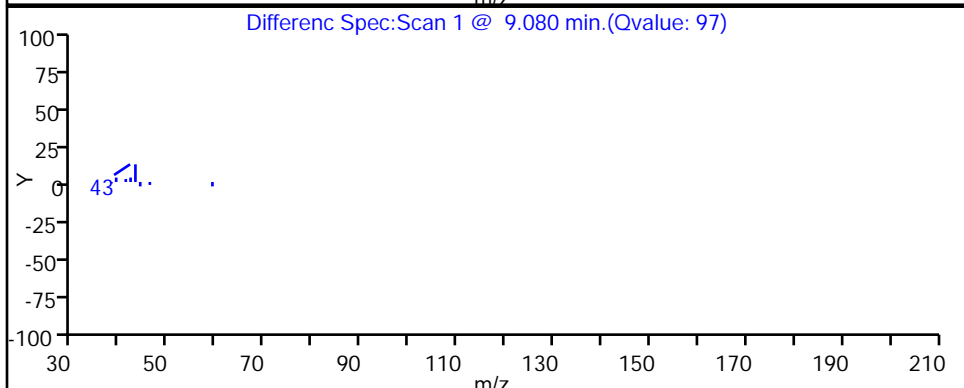
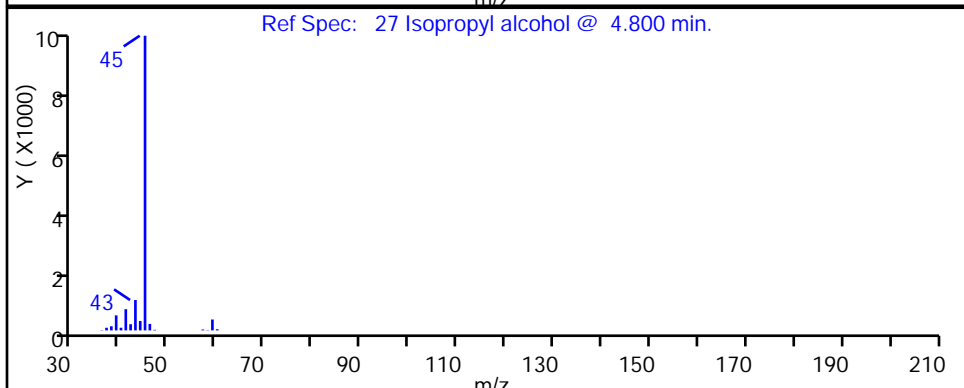
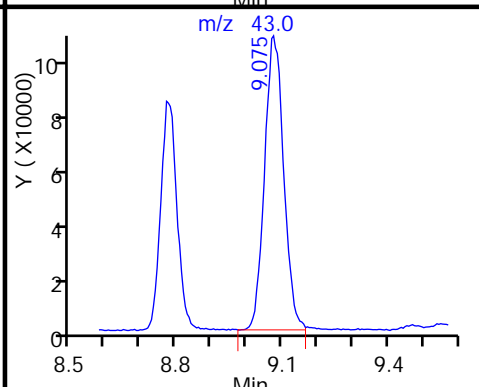
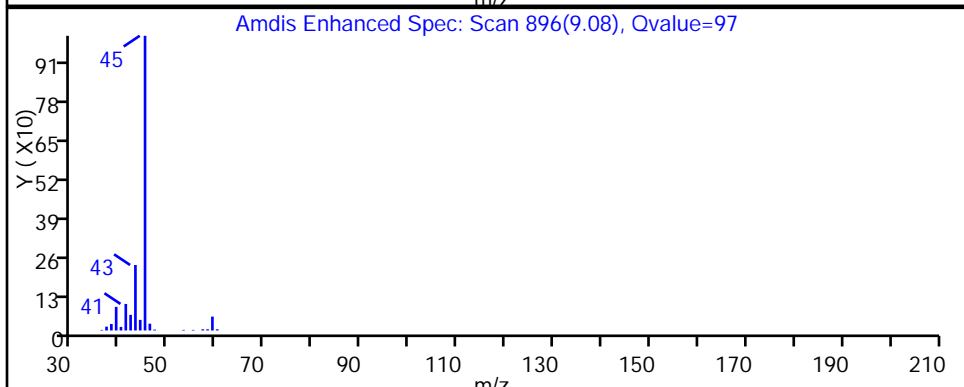
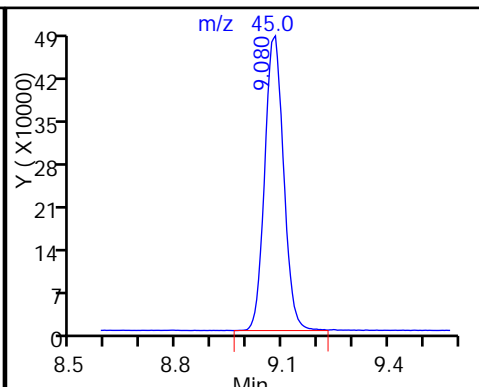
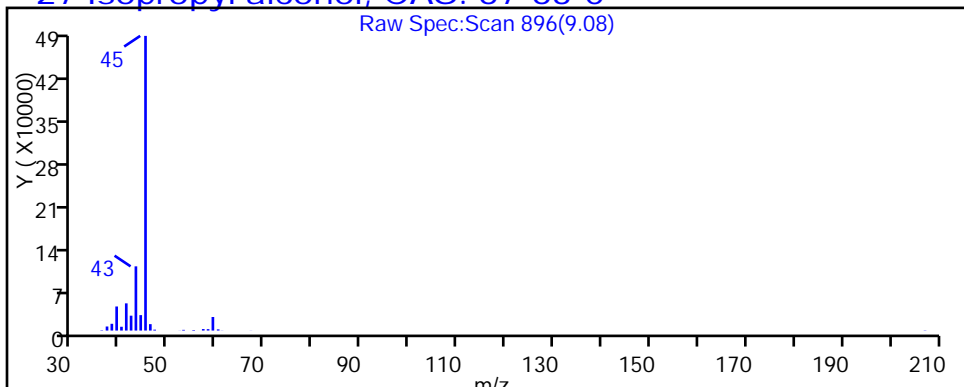
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

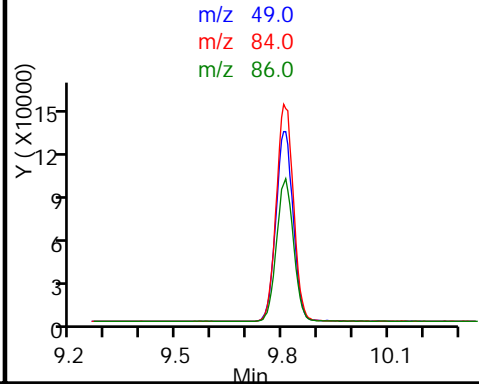
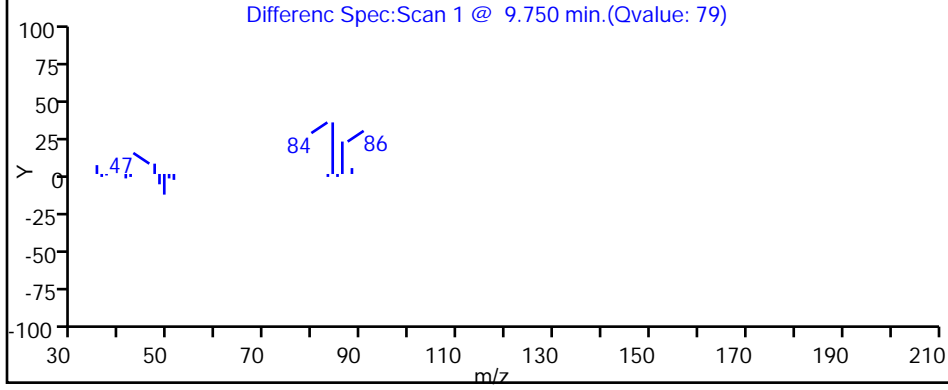
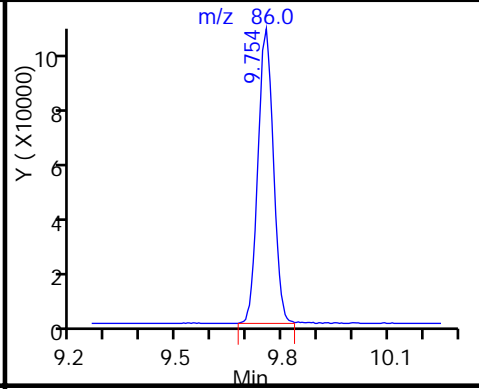
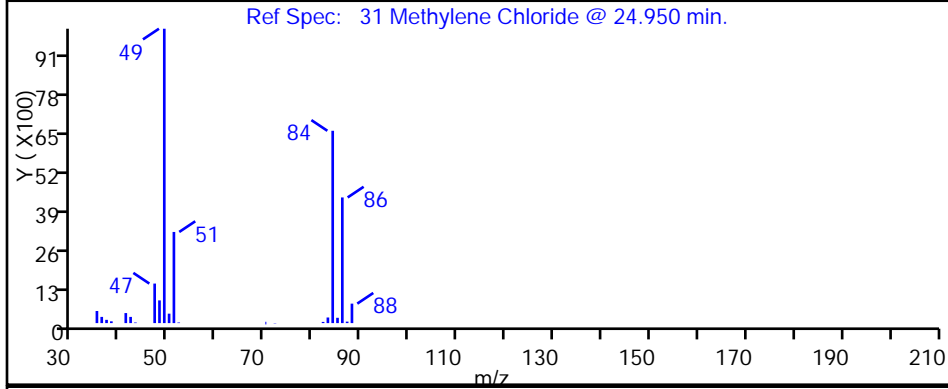
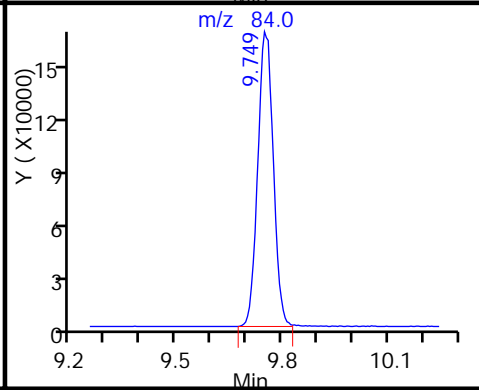
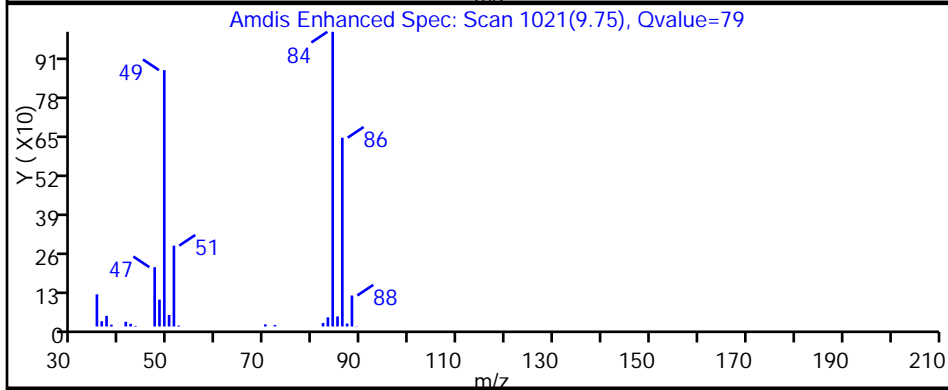
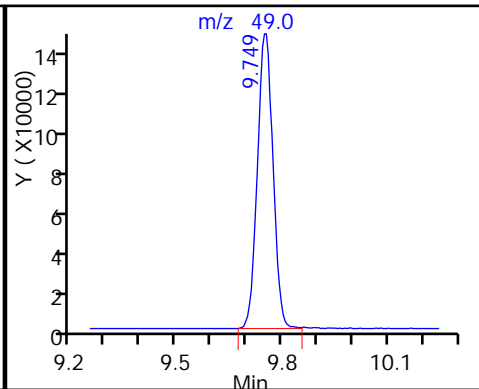
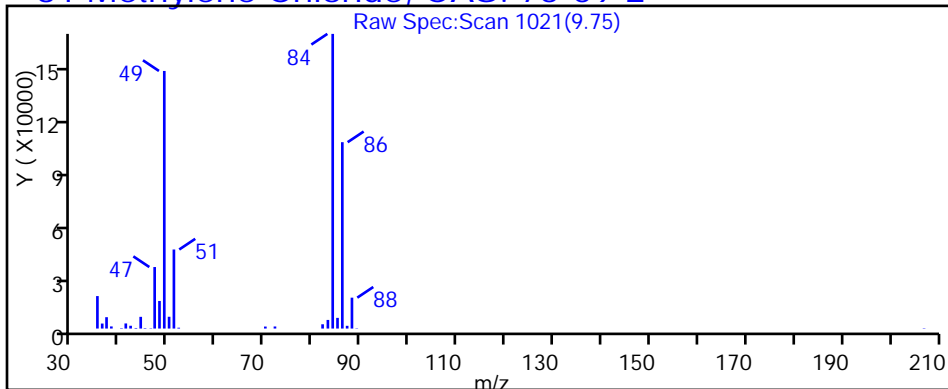
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

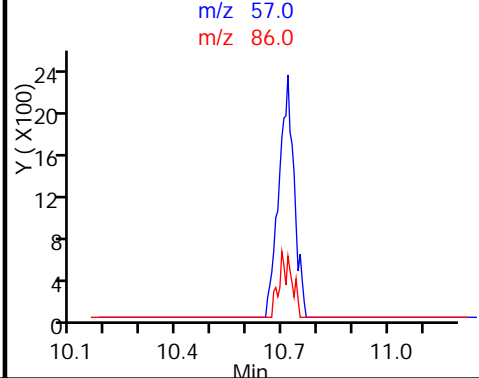
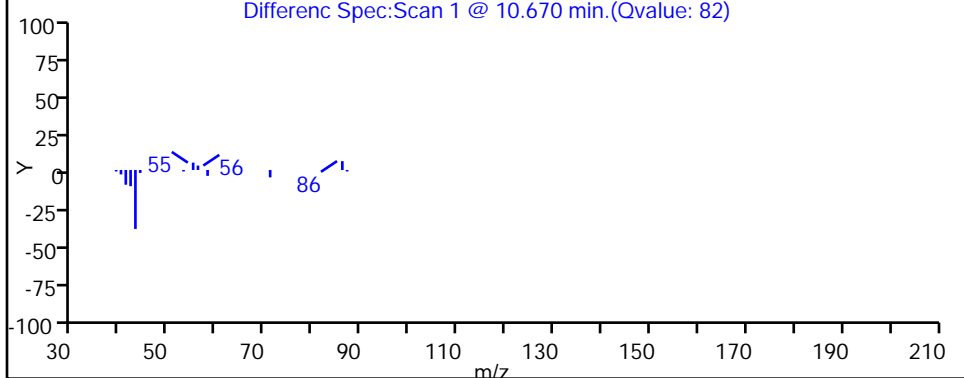
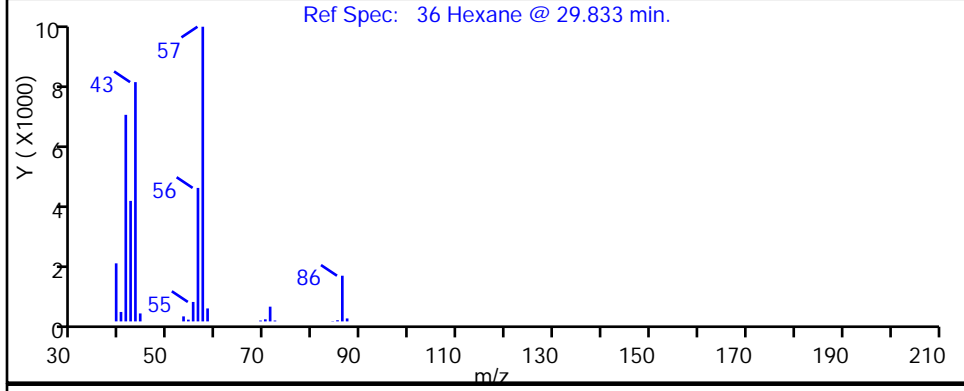
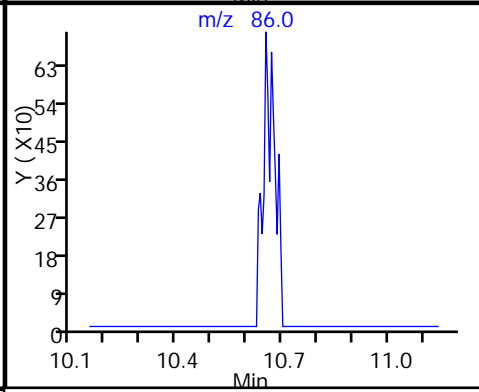
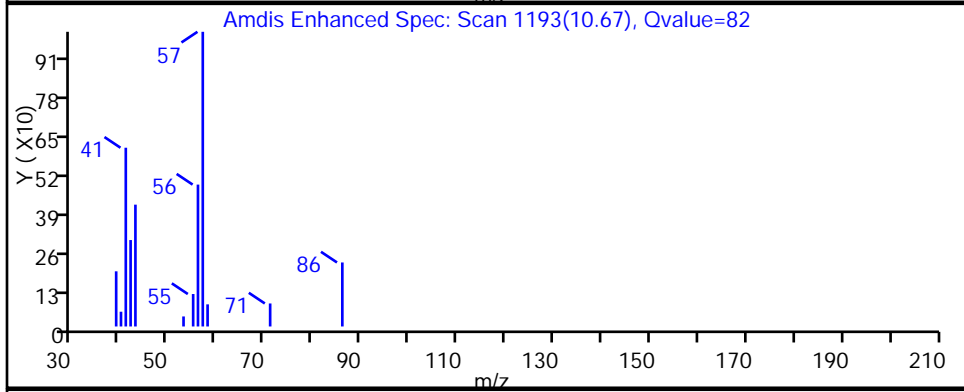
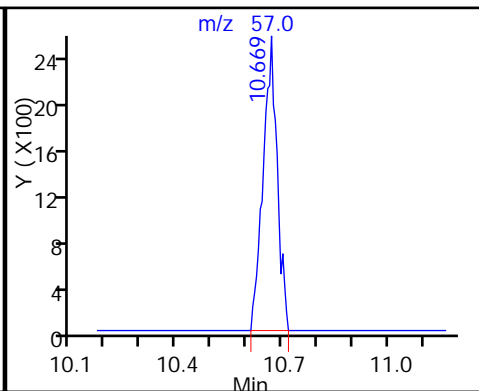
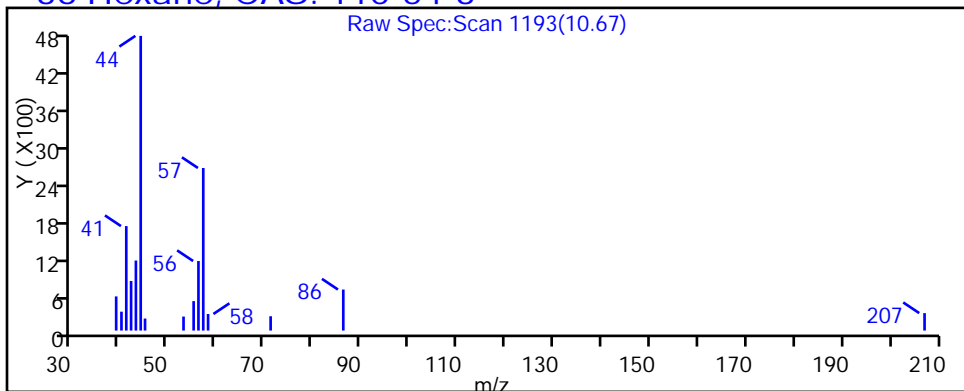
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

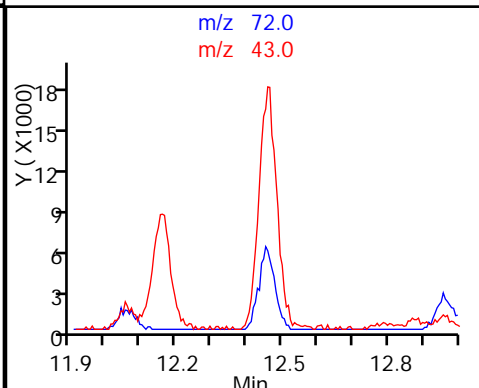
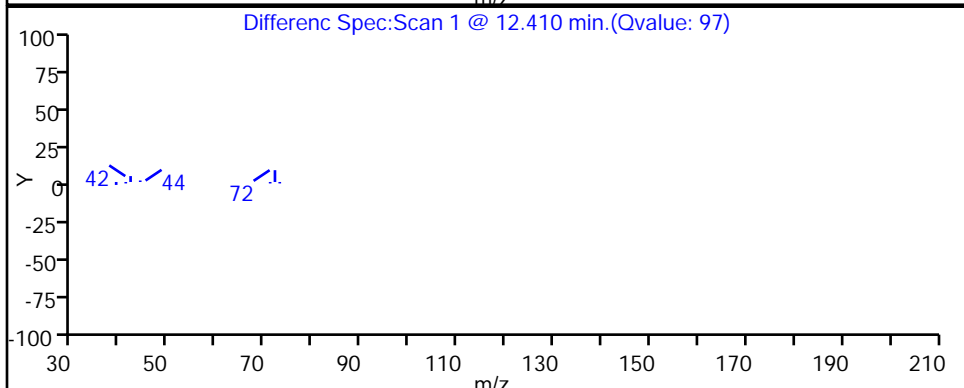
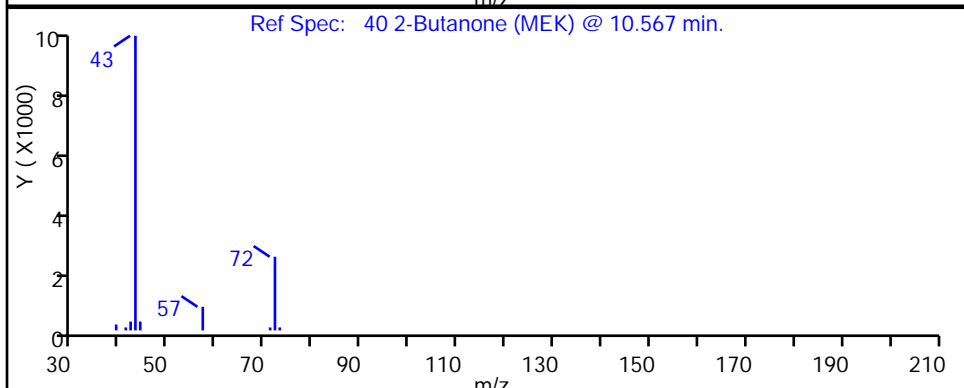
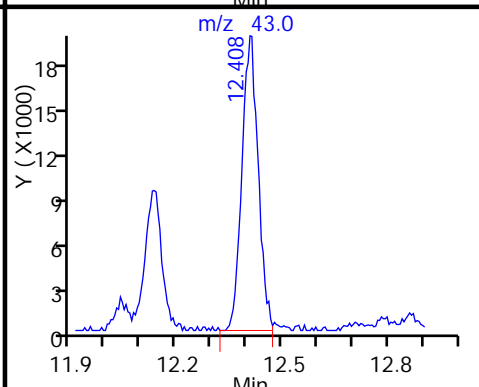
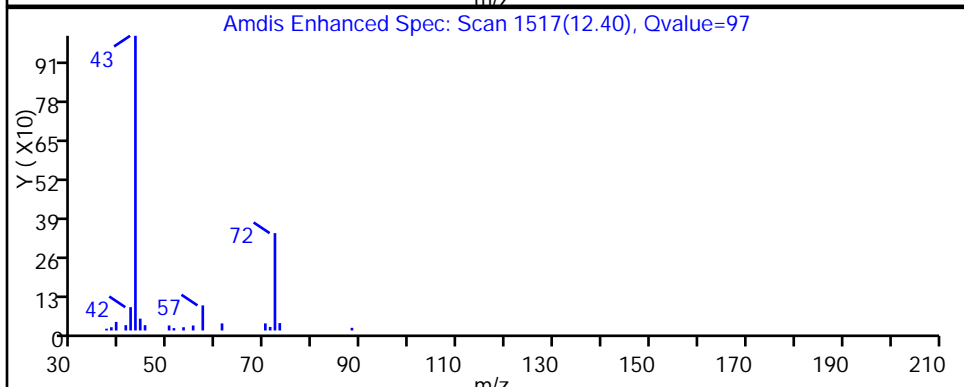
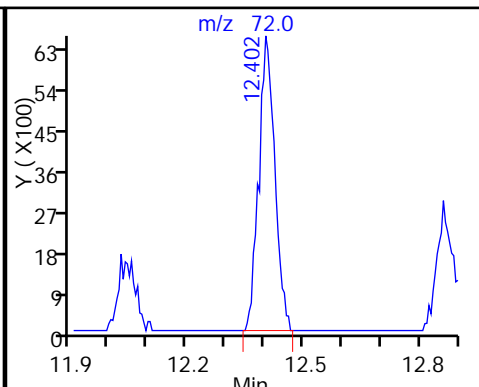
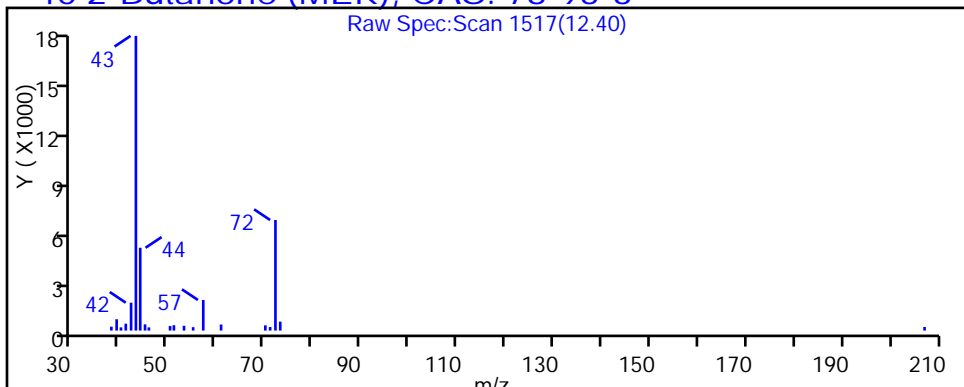
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

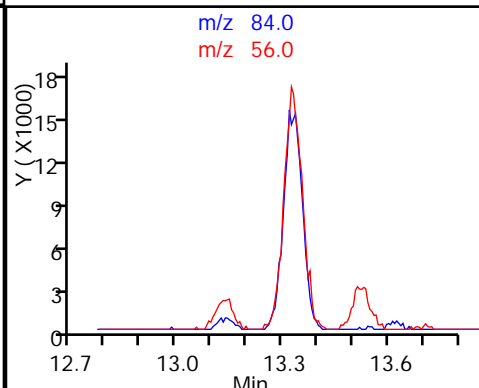
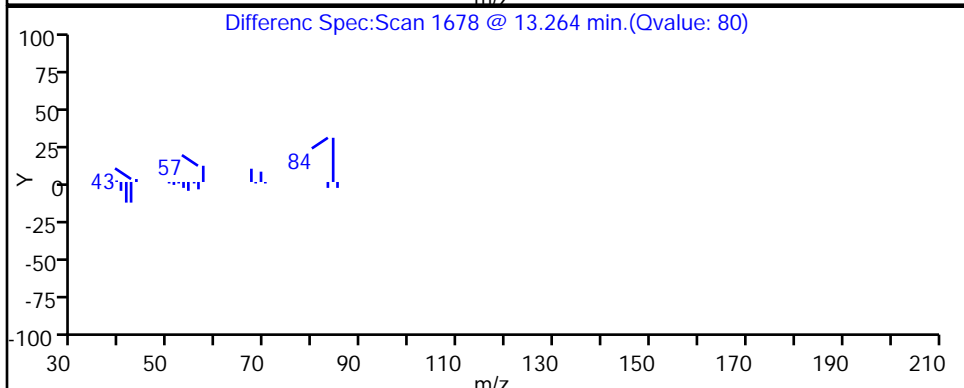
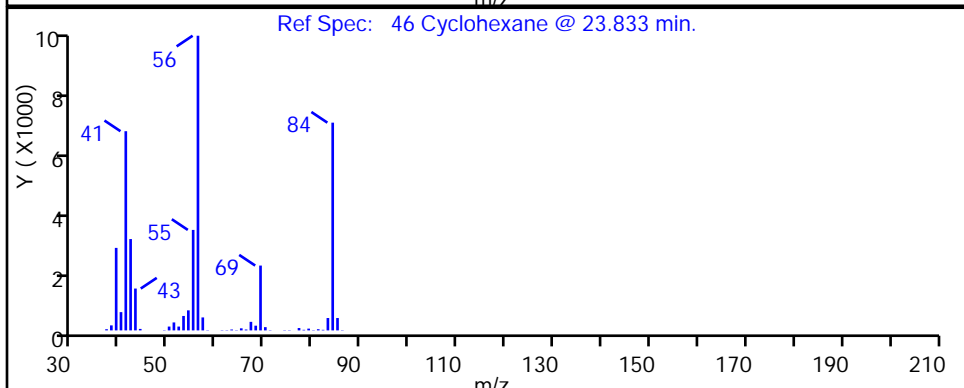
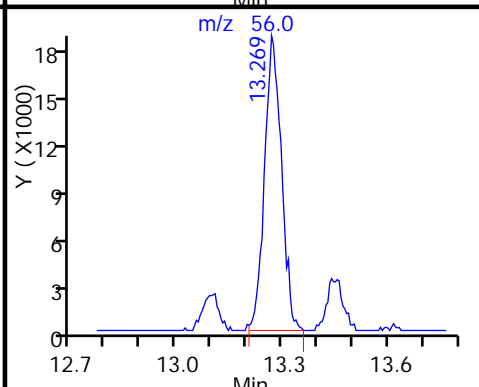
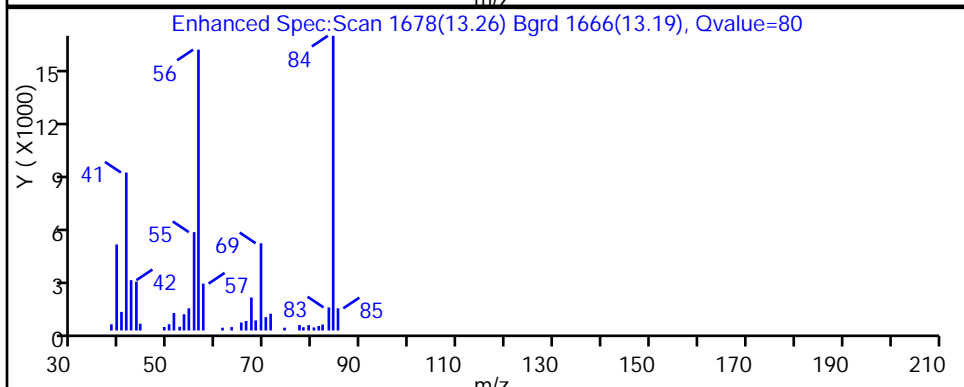
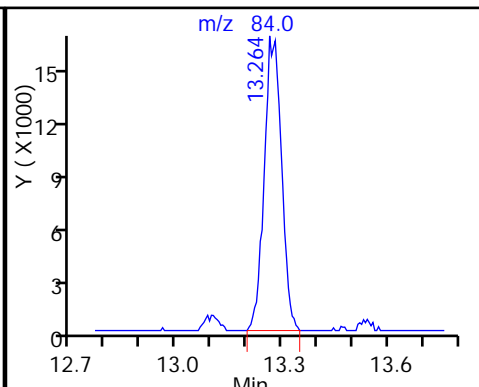
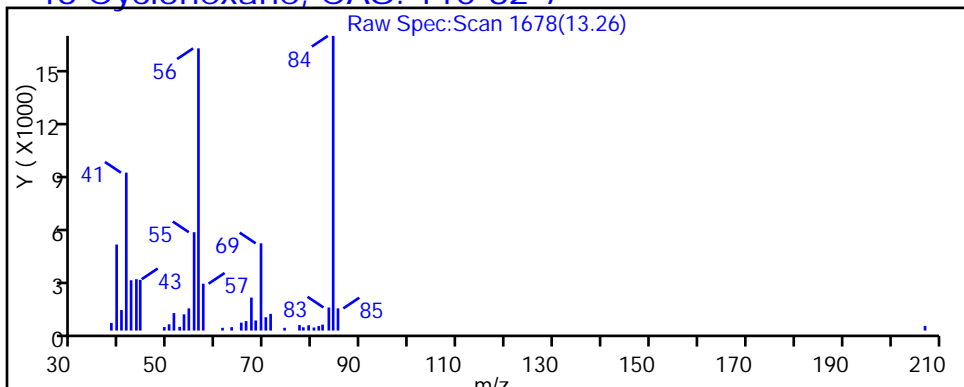
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

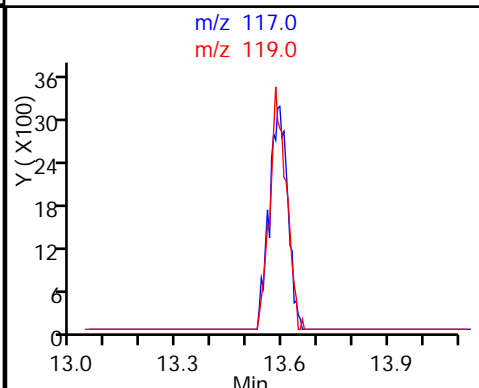
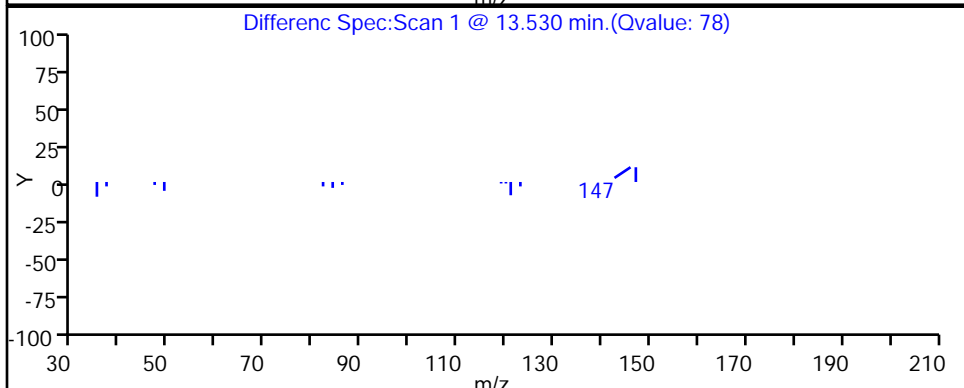
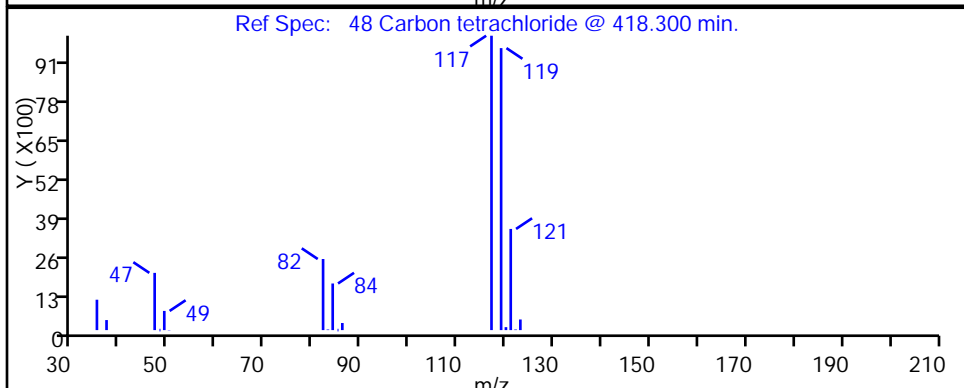
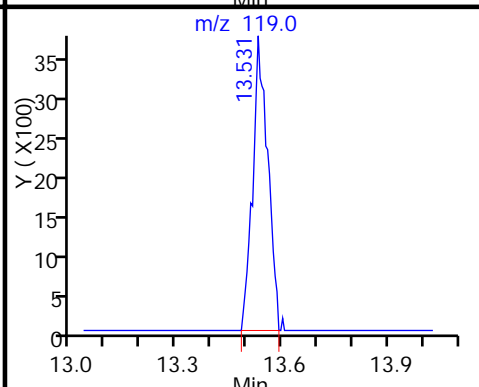
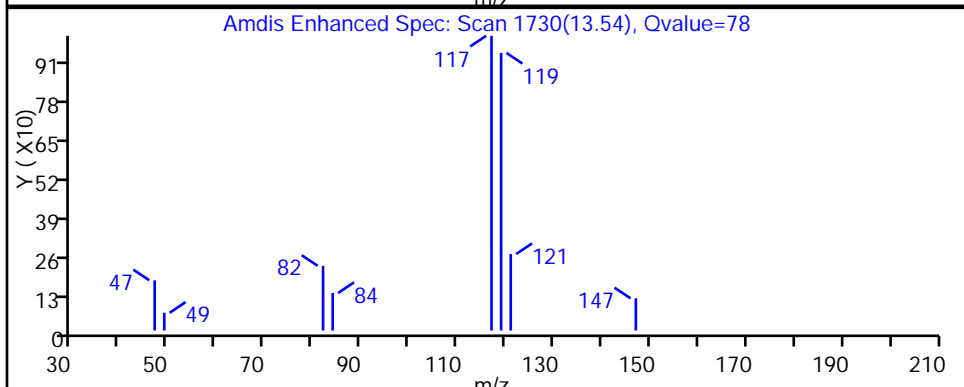
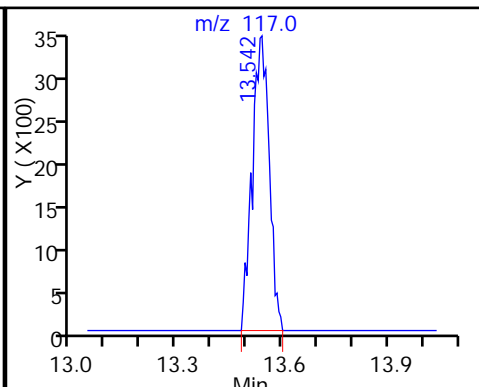
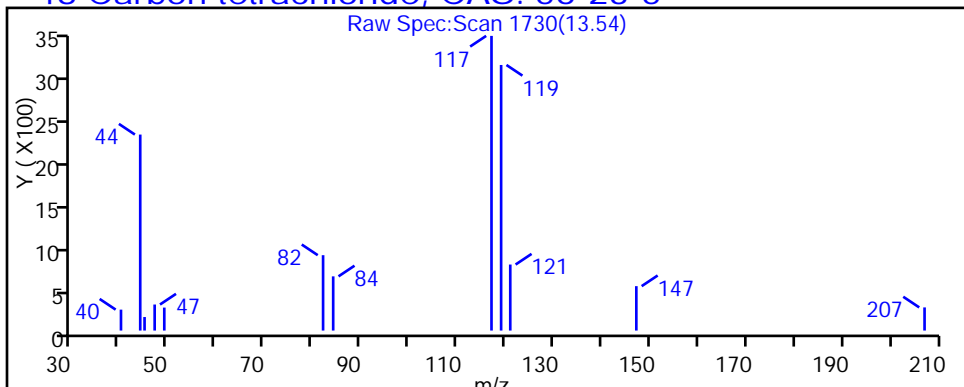
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

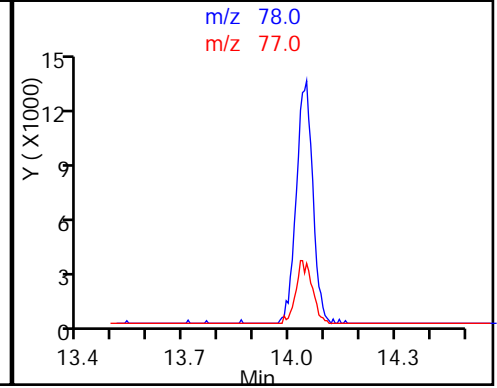
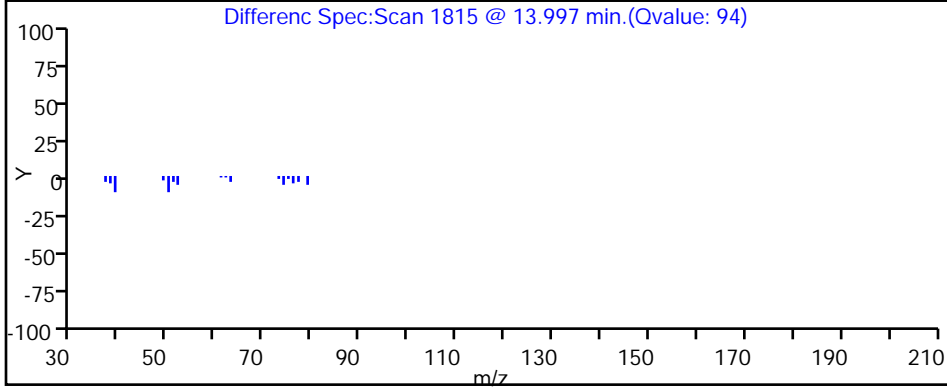
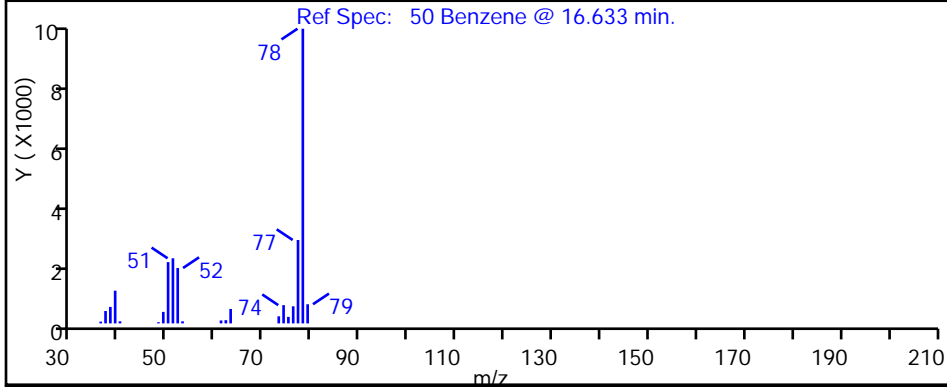
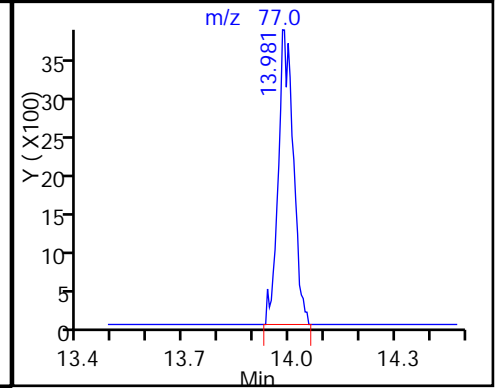
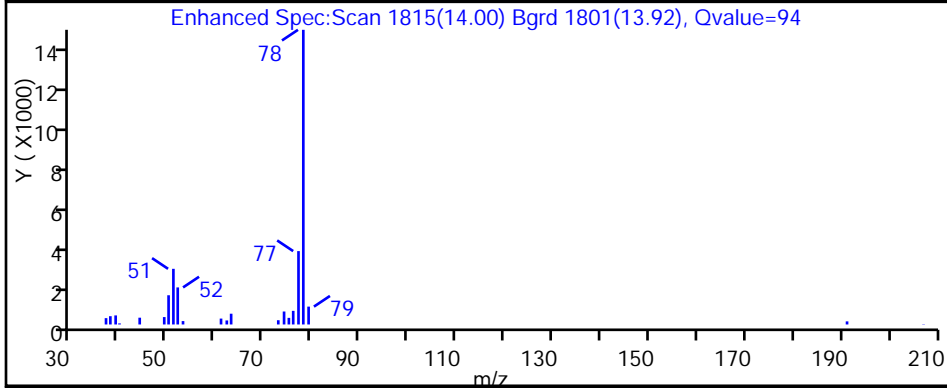
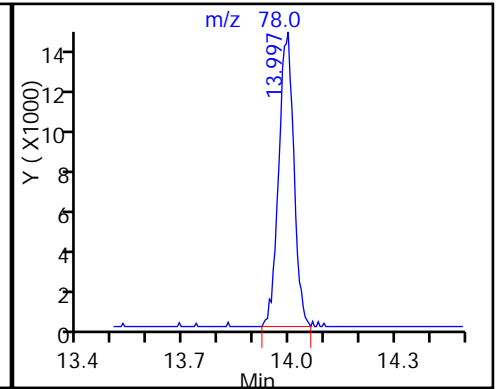
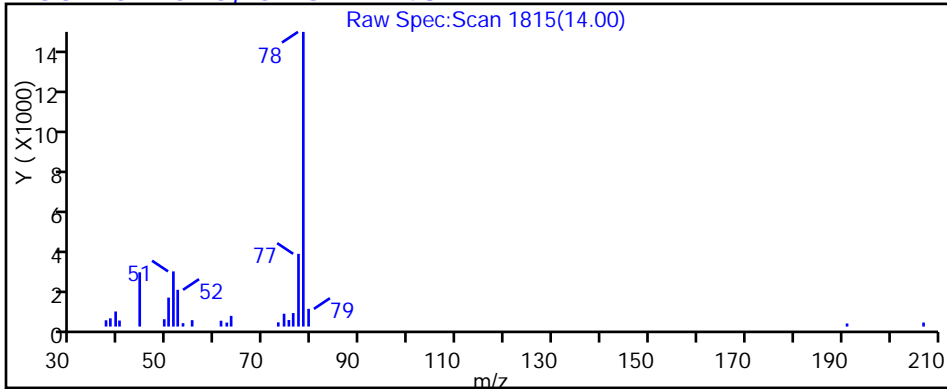
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

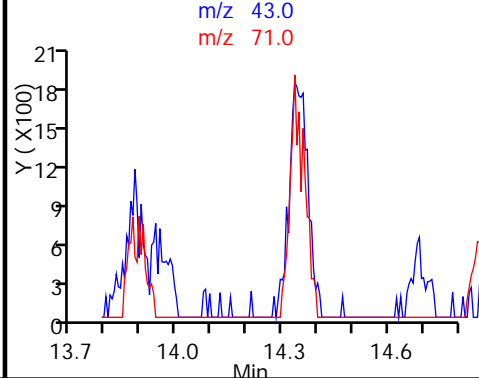
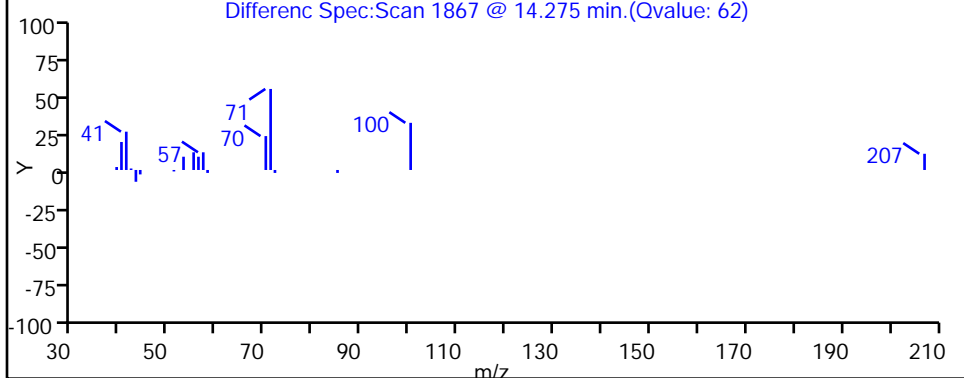
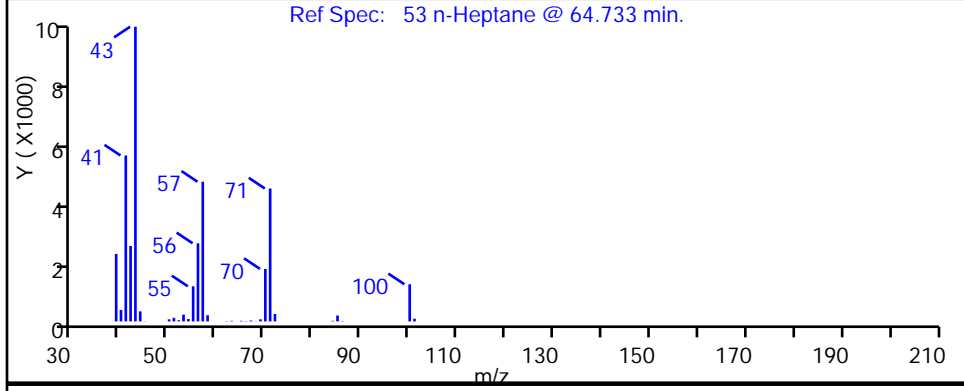
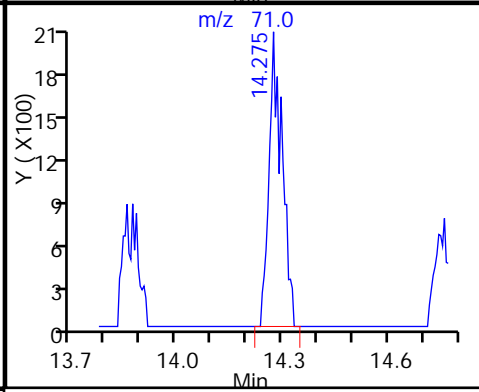
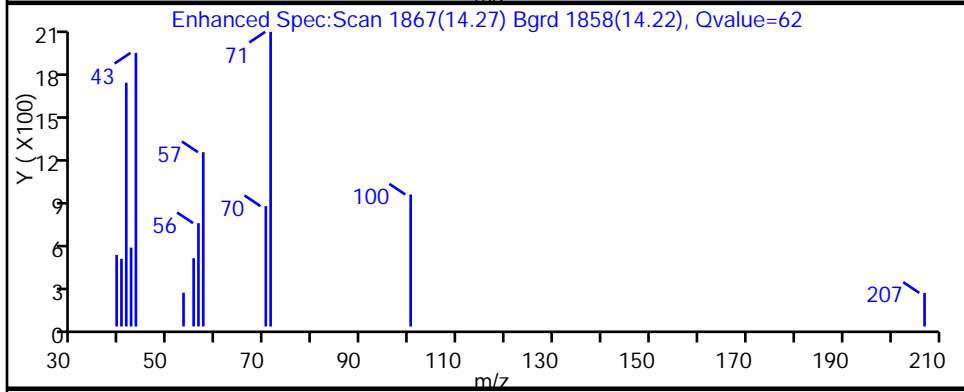
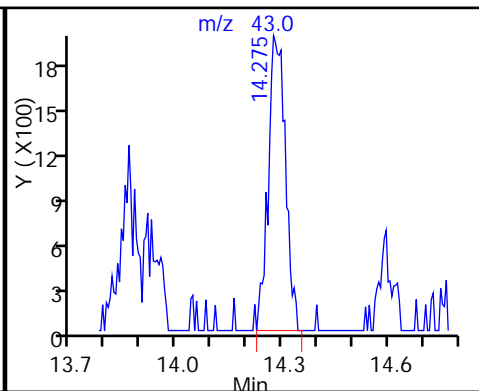
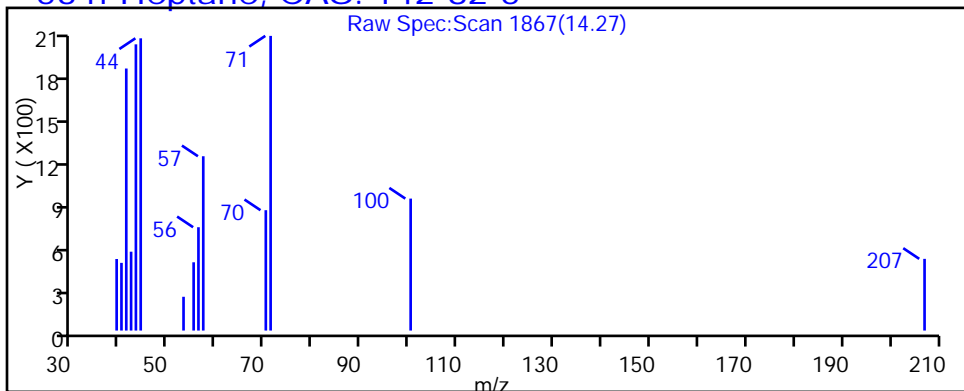
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

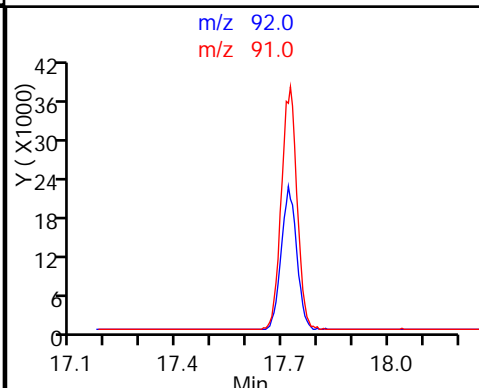
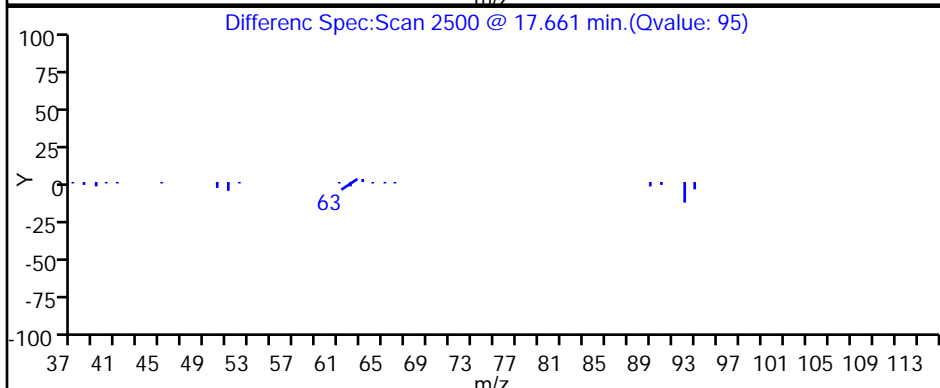
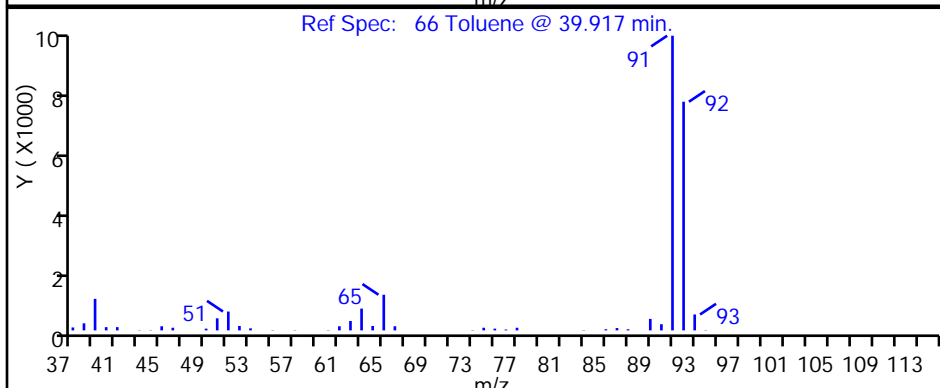
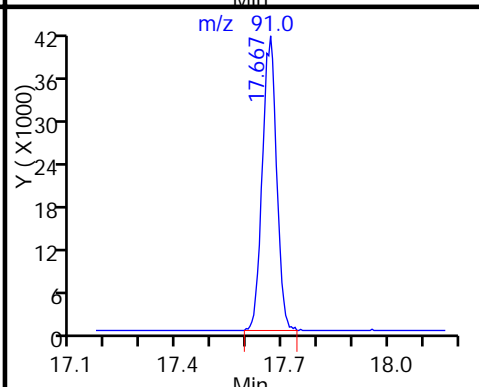
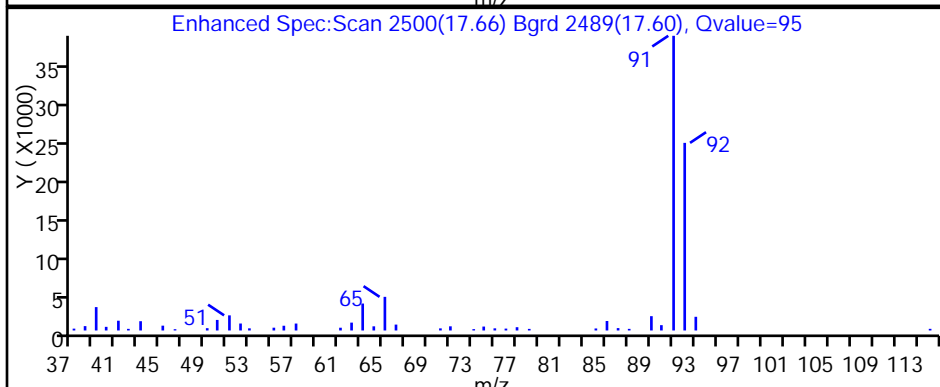
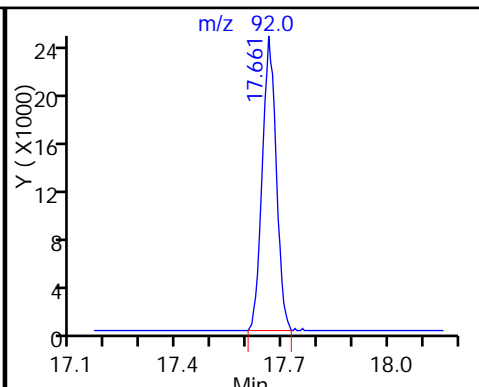
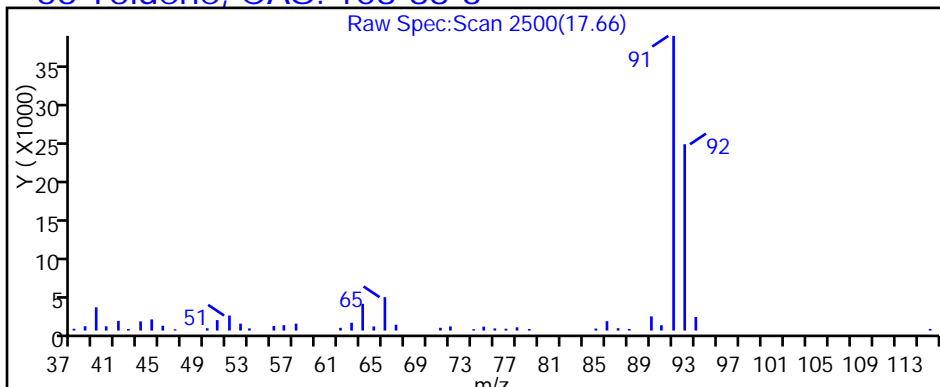
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

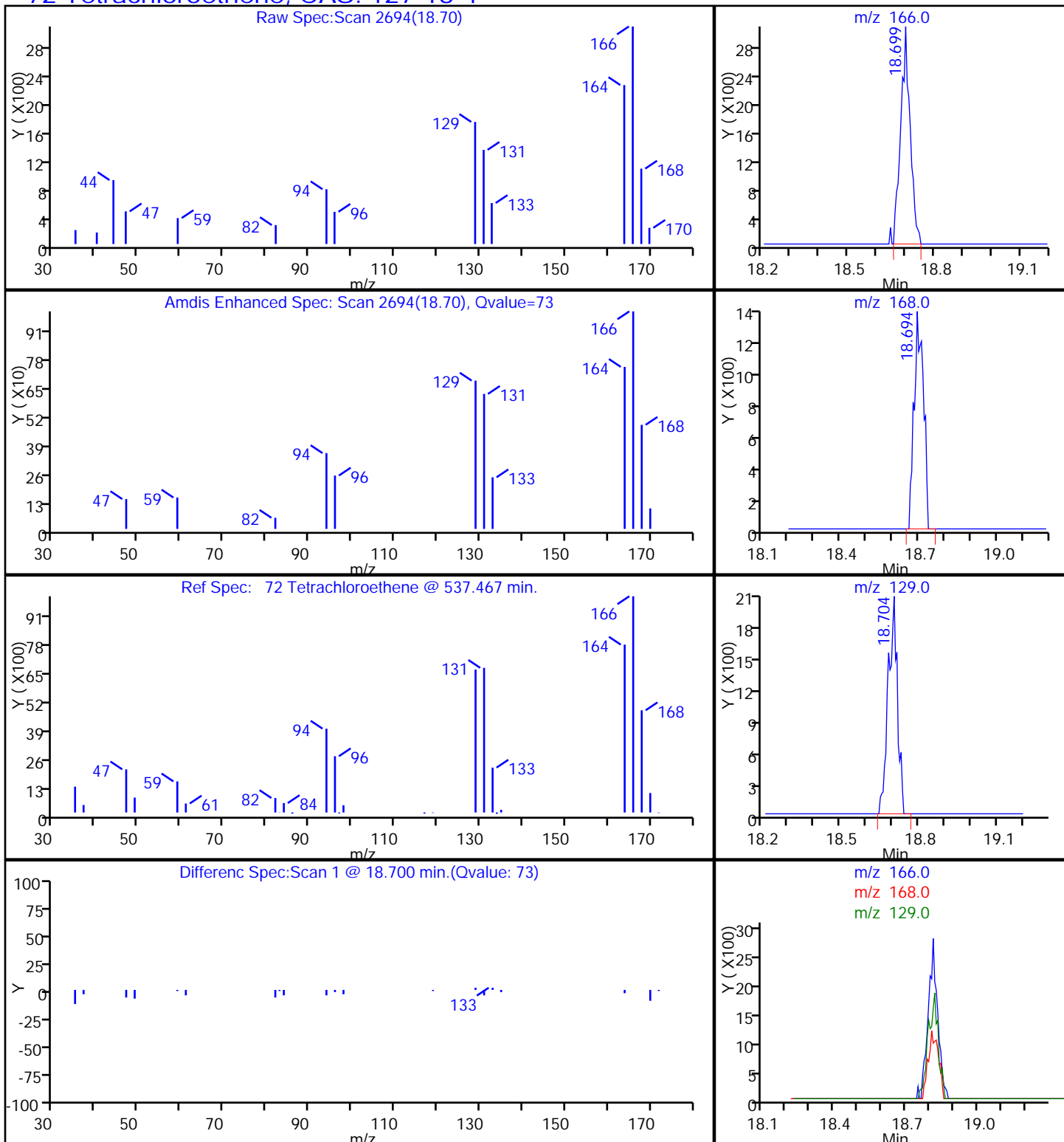
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

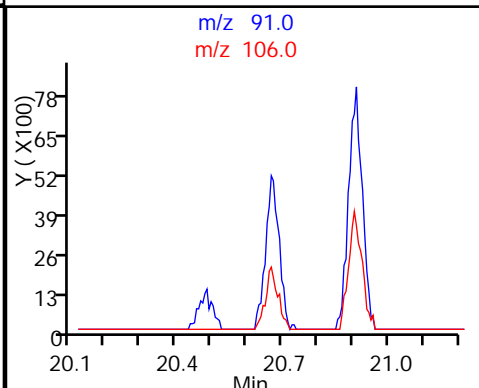
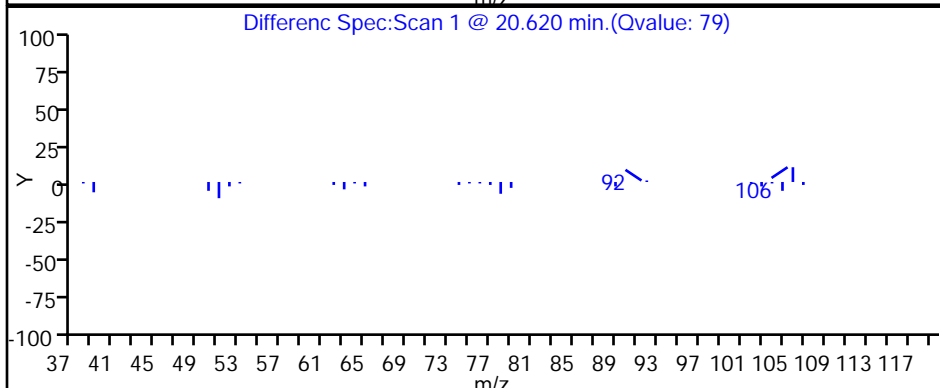
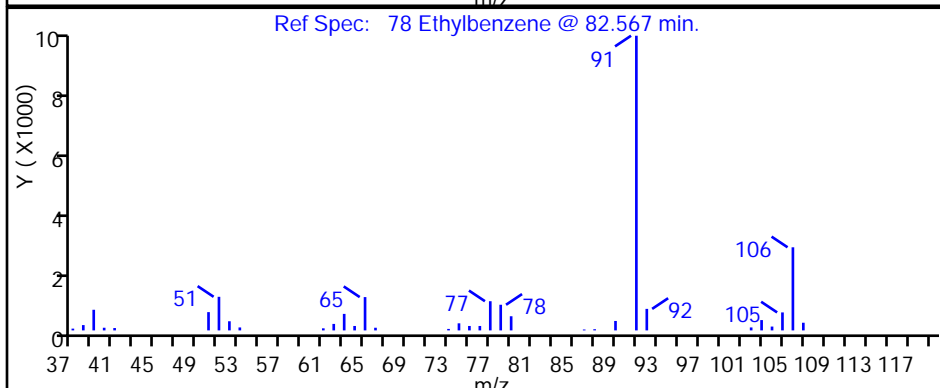
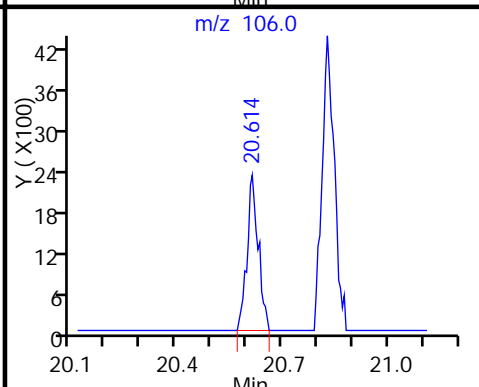
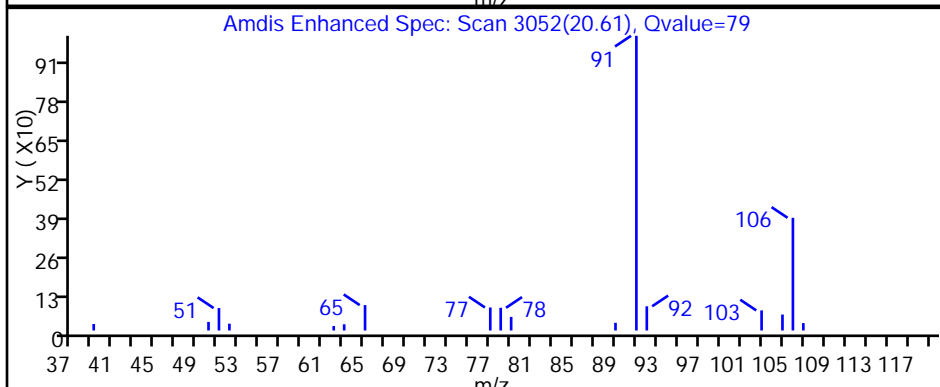
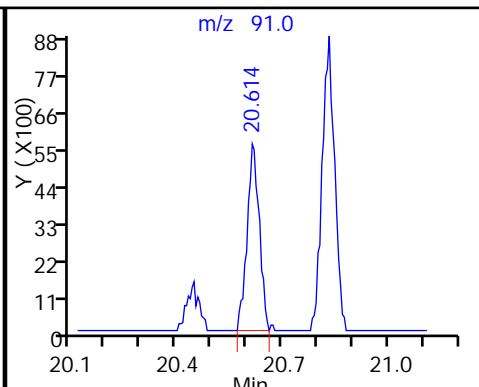
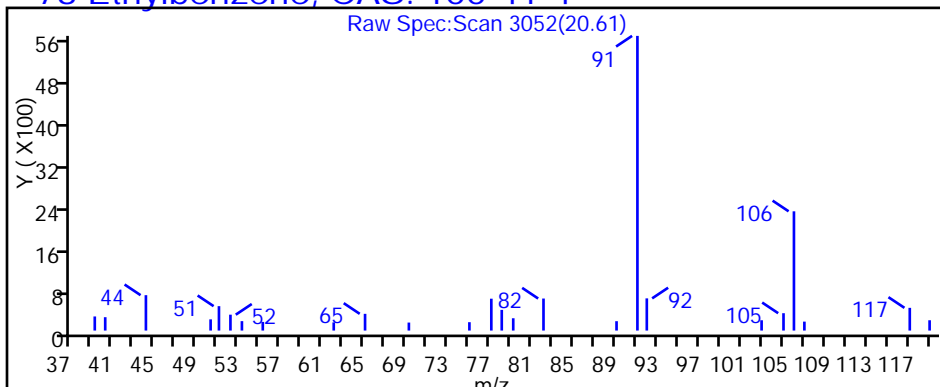
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d

Injection Date: 18-Feb-2014 02:23:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-9

Lab Sample ID: 200-20955-9

Client ID: IA-VMP-3B

Operator ID: bl

ALS Bottle#: 1

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

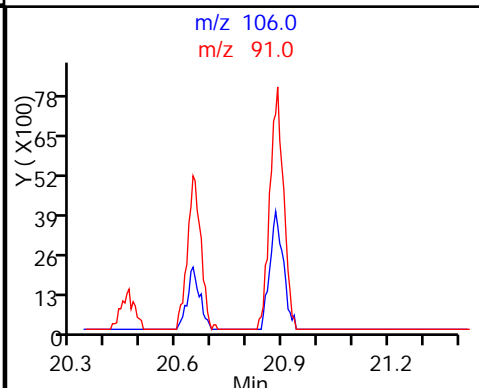
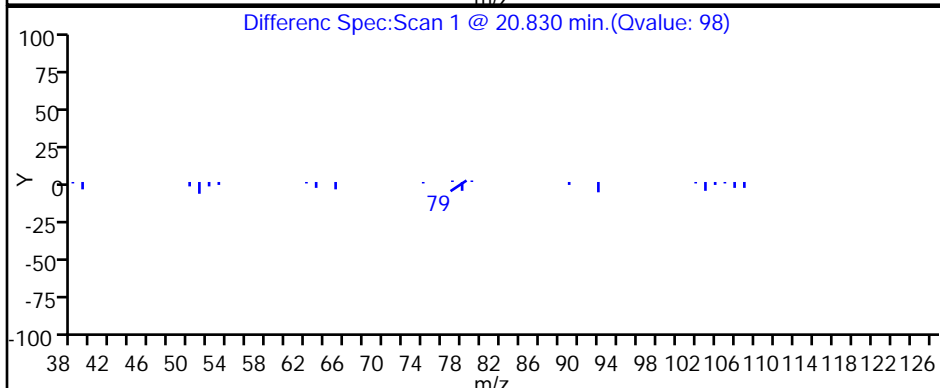
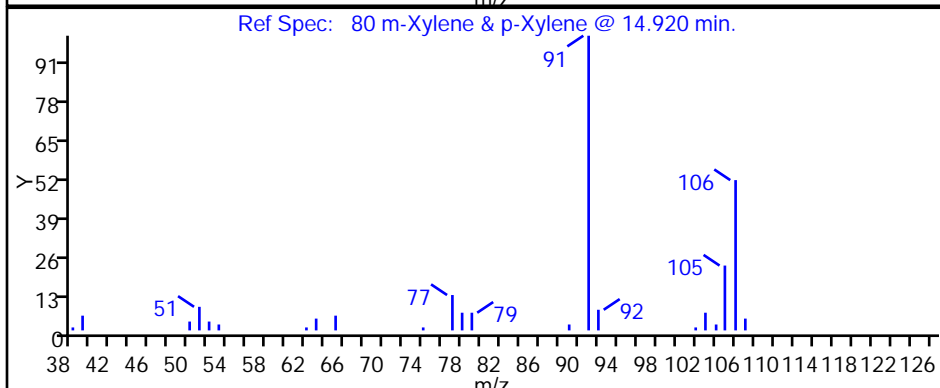
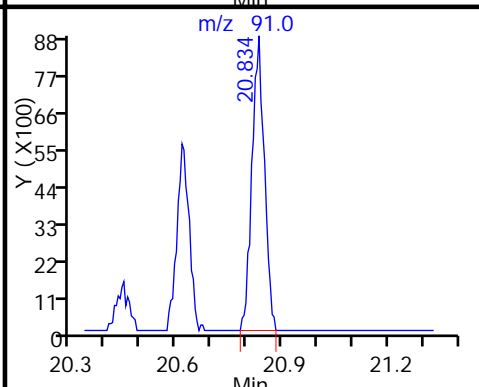
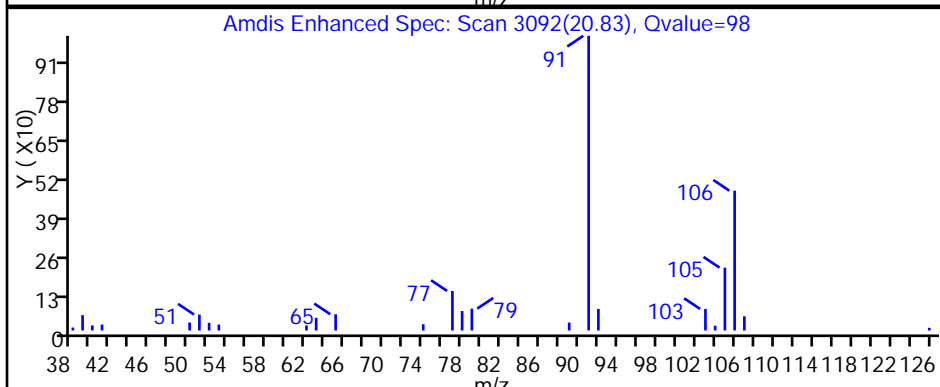
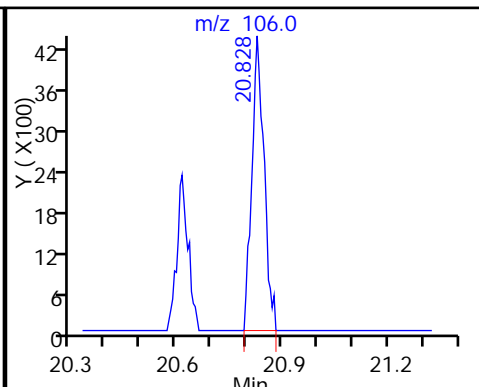
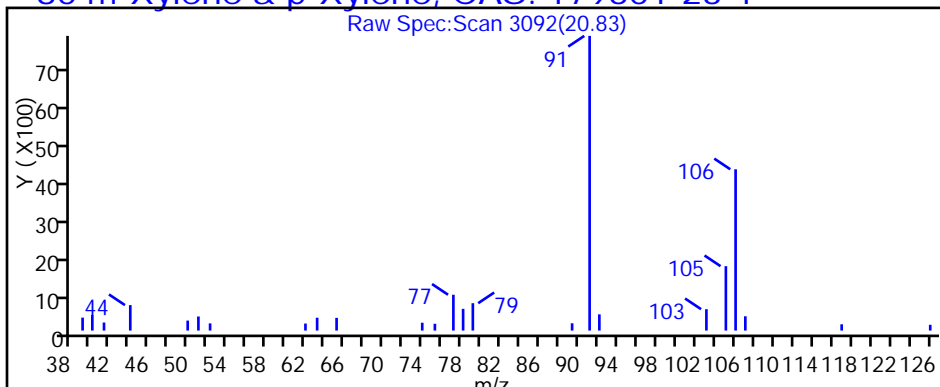
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



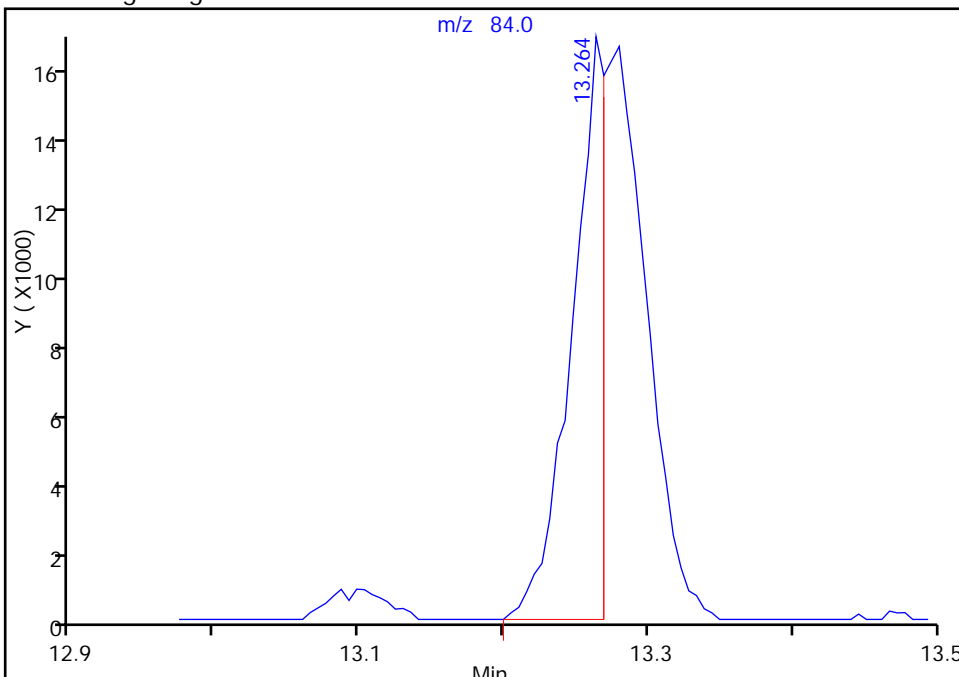
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
Injection Date: 18-Feb-2014 02:23:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
Client ID: IA-VMP-3B
Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

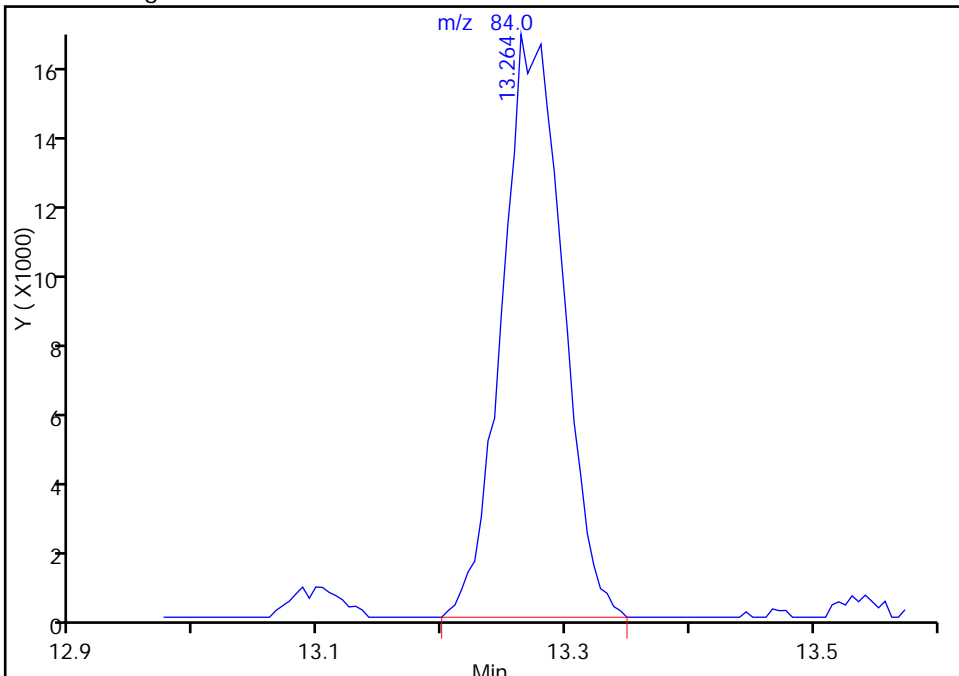
RT: 13.26
Response: 26948
Amount: 0.392260

Processing Integration Results



RT: 13.26
Response: 57351
Amount: 0.834811

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:45:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

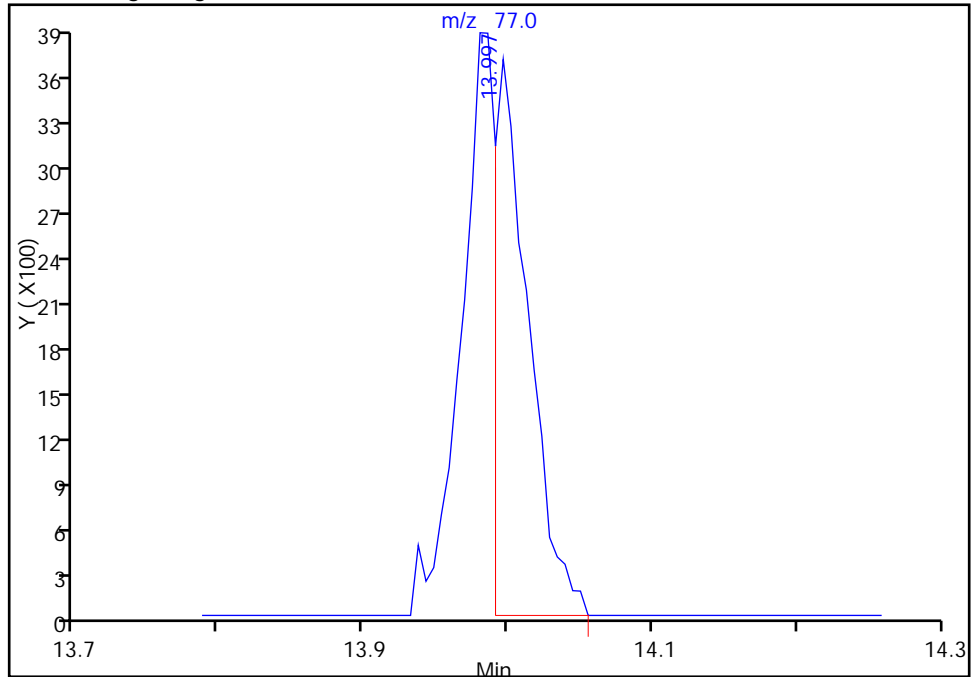
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
Injection Date: 18-Feb-2014 02:23:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
Client ID: IA-VMP-3B
Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

50 Benzene, CAS: 71-43-2

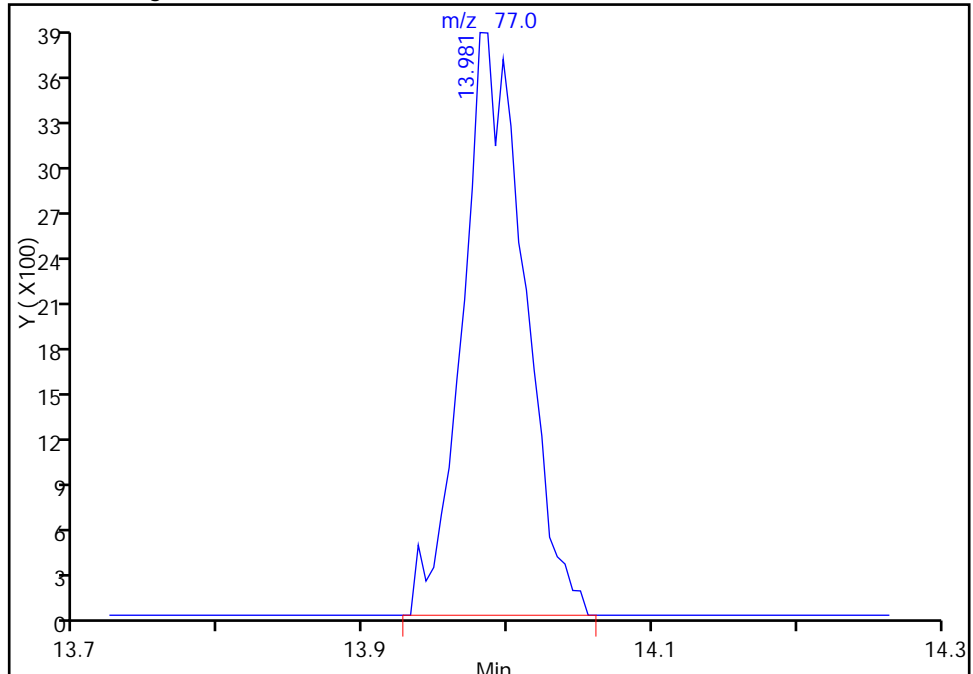
RT: 14.00
Response: 6074
Amount: 0.270379

Processing Integration Results



RT: 13.98
Response: 11451
Amount: 0.270379

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:45:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

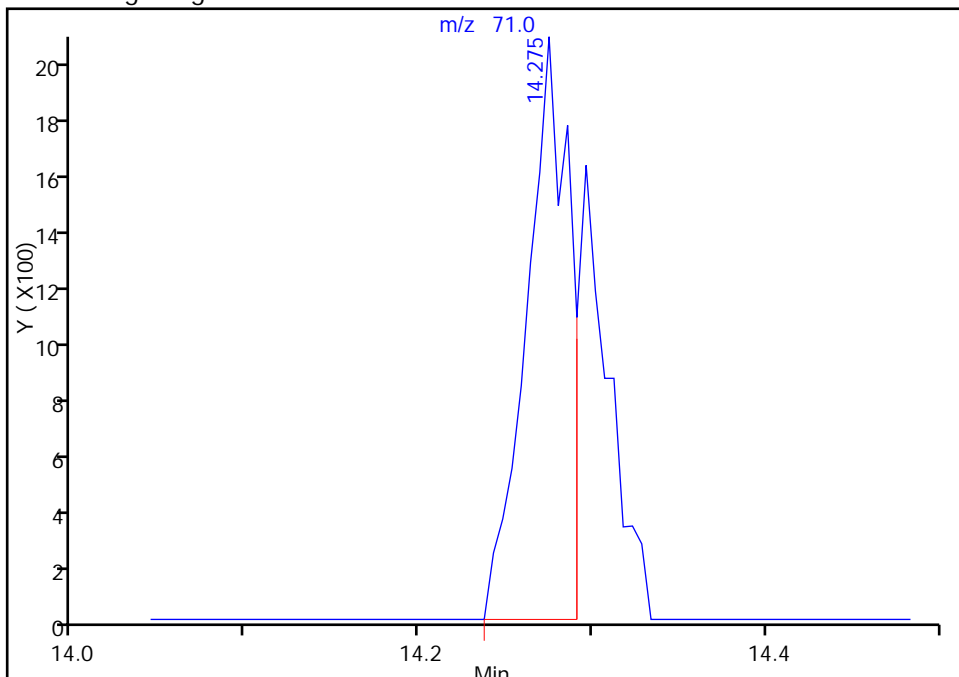
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
Injection Date: 18-Feb-2014 02:23:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
Client ID: IA-VMP-3B
Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

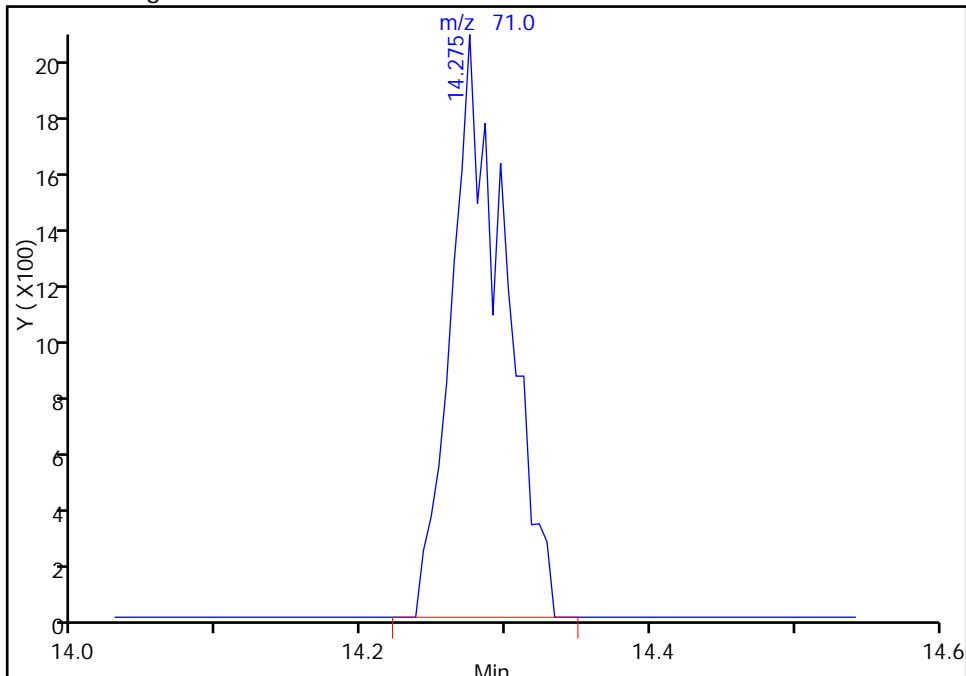
RT: 14.27
Response: 3571
Amount: 0.115802

Processing Integration Results



RT: 14.27
Response: 5302
Amount: 0.118498

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:45:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

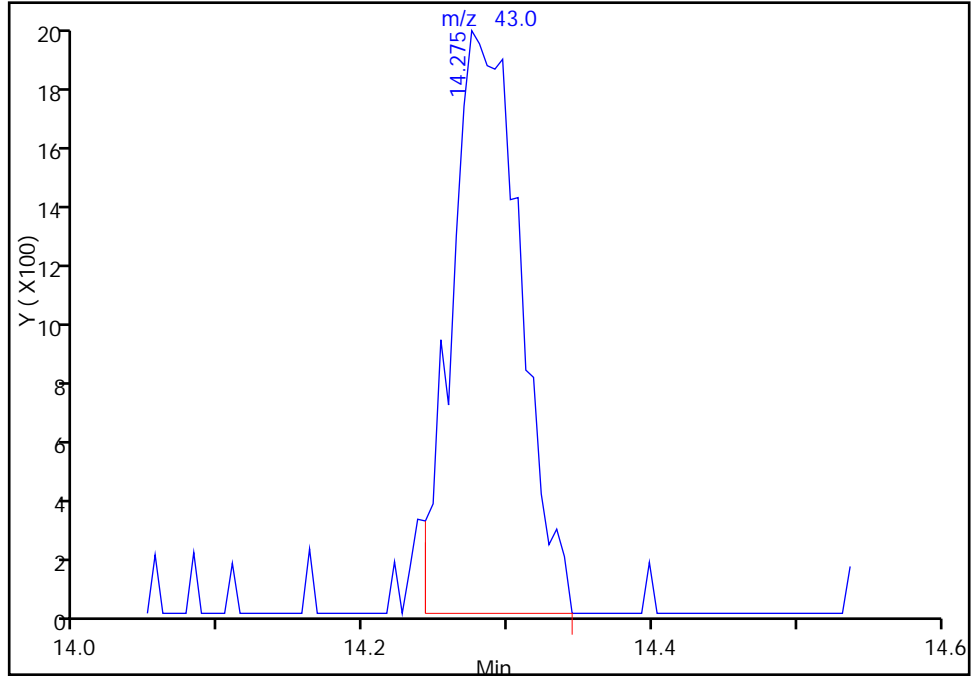
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
Injection Date: 18-Feb-2014 02:23:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
Client ID: IA-VMP-3B
Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

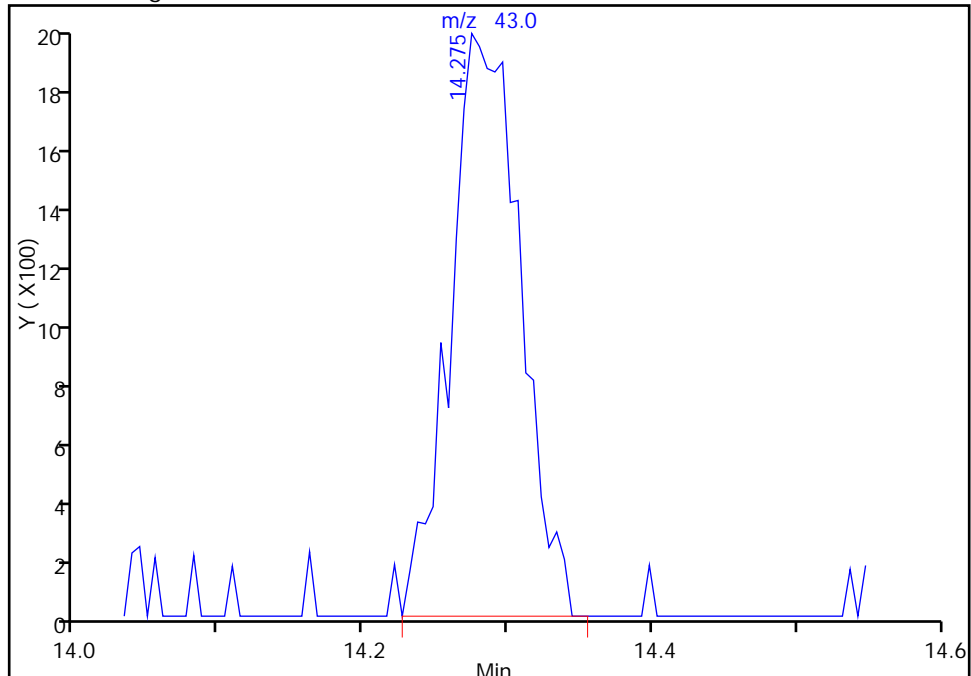
RT: 14.27
Response: 6616
Amount: 0.115802

Processing Integration Results



RT: 14.27
Response: 6770
Amount: 0.118498

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:45:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

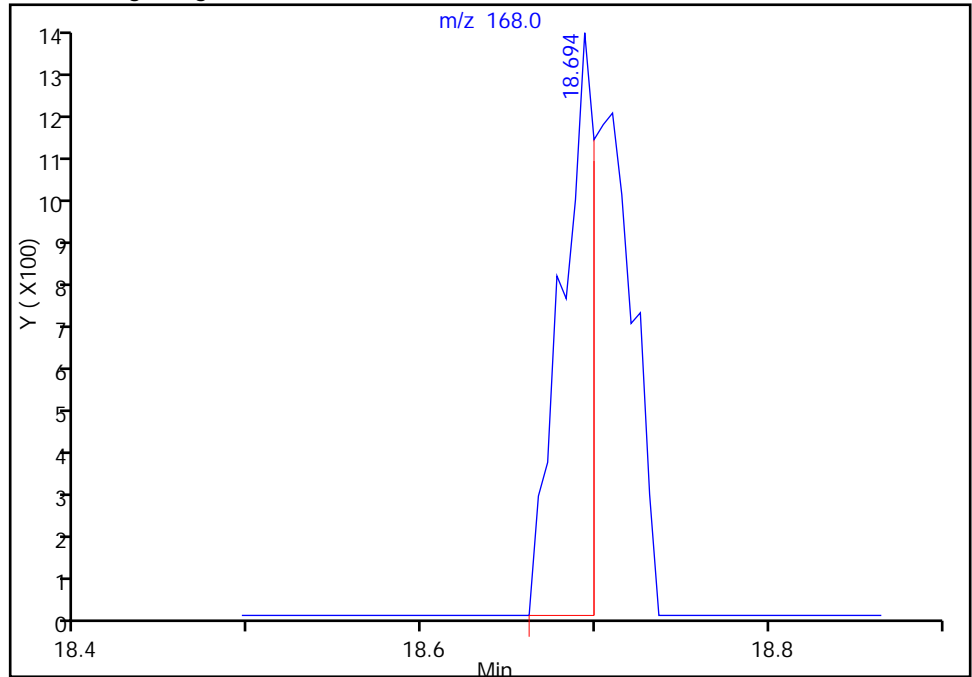
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
Injection Date: 18-Feb-2014 02:23:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
Client ID: IA-VMP-3B
Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

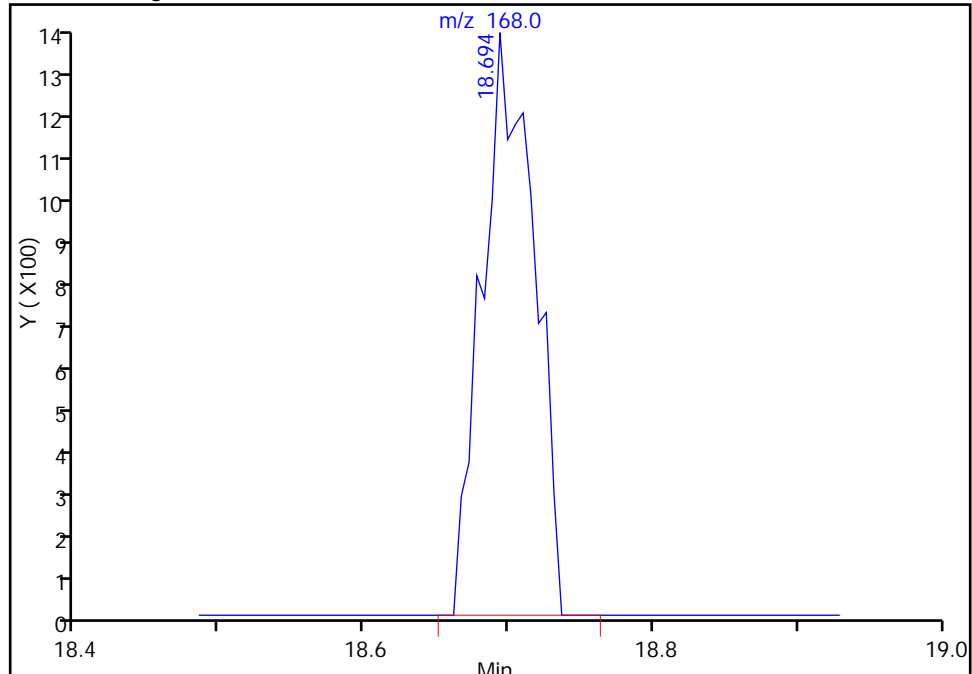
RT: 18.69
Response: 1738
Amount: 0.047275

Processing Integration Results



RT: 18.69
Response: 3278
Amount: 0.047275

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:45:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

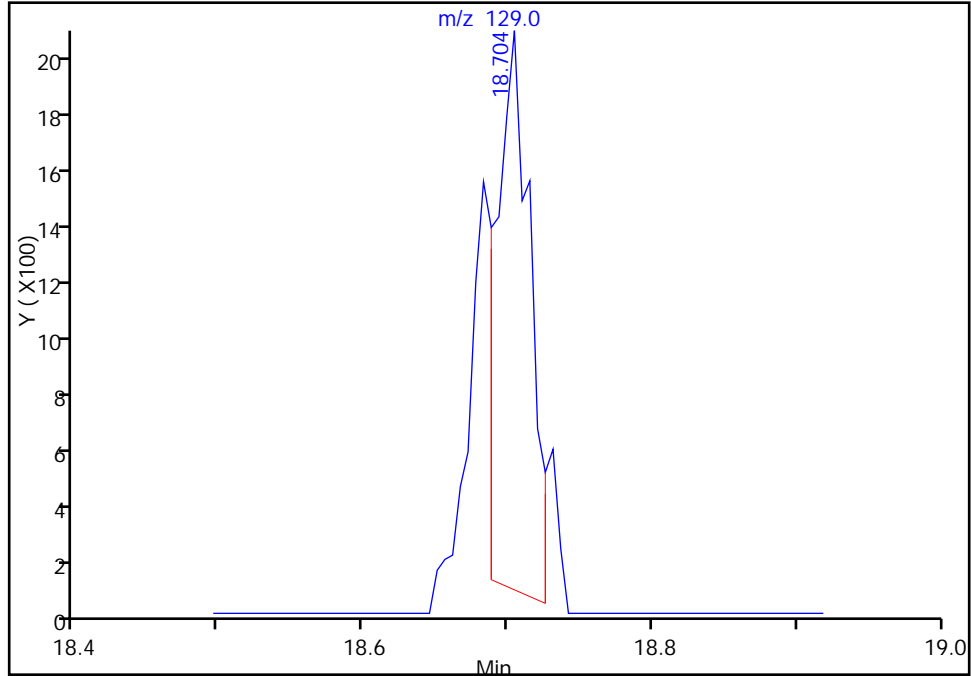
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_019.d
Injection Date: 18-Feb-2014 02:23:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-9 Lab Sample ID: 200-20955-9
Client ID: IA-VMP-3B
Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

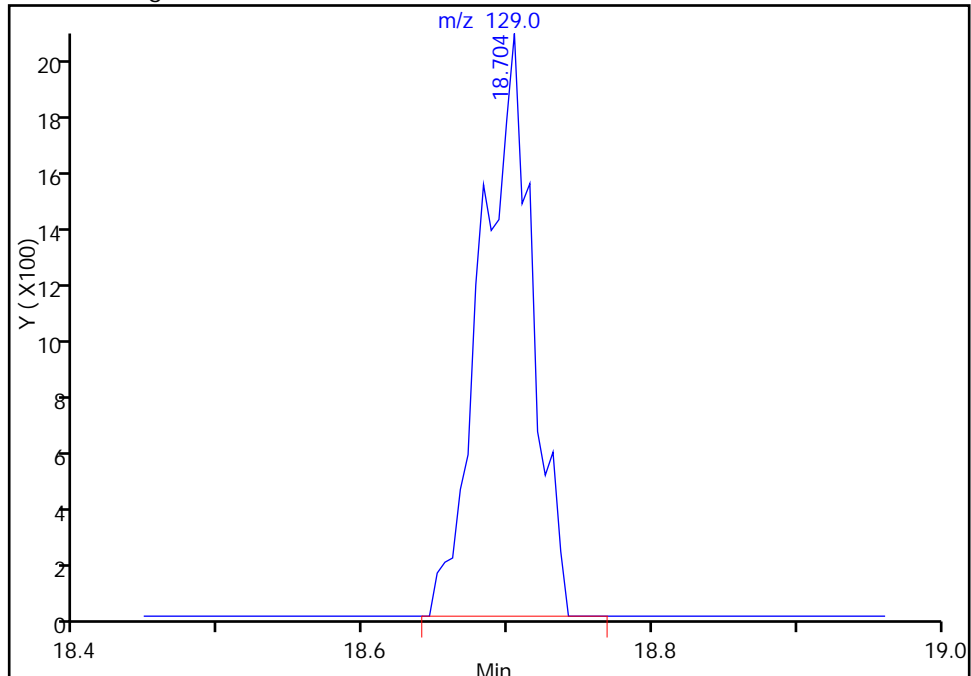
RT: 18.70
Response: 3214
Amount: 0.047275

Processing Integration Results



RT: 18.70
Response: 5024
Amount: 0.047275

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:45:40
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3D Lab Sample ID: 200-20955-11
 Matrix: Air Lab File ID: 6171_020.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 03:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.48	J	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.98		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.26		0.20	0.030
76-13-1	Freon 113	187.38	0.081	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	3.6	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	31		5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	6.8		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.14	J	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.87		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.072		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.31		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3D Lab Sample ID: 200-20955-11
 Matrix: Air Lab File ID: 6171_020.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 03:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.30	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.46		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.057	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.056	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.13	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.044	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.17	J	0.20	0.034
100-42-5	Styrene	104.15	0.066	J	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.041	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3D Lab Sample ID: 200-20955-11
 Matrix: Air Lab File ID: 6171_020.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 03:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3D Lab Sample ID: 200-20955-11
 Matrix: Air Lab File ID: 6171_020.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 03:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.4	J	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	2.3		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.5		1.1	0.17
76-13-1	Freon 113	187.38	0.62	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	8.4	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	76		12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	24		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.48	J	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	3.0		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.45		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.98		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3D Lab Sample ID: 200-20955-11
 Matrix: Air Lab File ID: 6171_020.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 03:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	1.2	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	1.7		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.39	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.24	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.56	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.19	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.76	J	0.87	0.15
100-42-5	Styrene	104.15	0.28	J	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3D Lab Sample ID: 200-20955-11
 Matrix: Air Lab File ID: 6171_020.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 03:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
 Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
 Client ID: IA-VMP-3D
 Sample Type: Client
 Inject. Date: 18-Feb-2014 03:13:30 ALS Bottle#: 2 Worklist Smp#: 20
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-020
 Misc. Info.: 200-20955-A-11
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:48:31 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.496	4.474	0.022	87	80809	0.4787	
6 Chlorodifluoromethane	51		4.538					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50		5.020					
9 Butane	43	5.314	5.287	0.027	95	46306	0.9834	
10 Vinyl chloride	62		5.341					
11 Butadiene	54		5.442					
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.219	7.192	0.027	91	49087	0.2594	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.486	8.438	0.048	83	9602	0.0811	M
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.797	8.749	0.049	87	190525	3.55	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.144	9.027	0.117	97	1396106	31.1	
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.760	9.733	0.027	79	253011	6.78	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.680	10.648	0.032	70	7069	0.1368	M
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.392					
44 Tetrahydrofuran	42		12.852					
* 43 Chlorobromomethane	128	12.873	12.852	0.021	69	369118	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.285	13.258	0.027	88	54380	0.8686	
47 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117	13.553	13.531	0.022	92	11746	0.0719	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	51			57	13.927		
	50			78	13.997 13.986	0.011	90 45999 0.3078
	52			62	14.141		
	53			43	14.275		
*	54			114	14.756 14.746	0.010	93 1714680 10.0
	56			95	15.206		
	58			63	15.730		
	59			69	15.826 15.810	0.016	76 14297 0.3030
	60			88	15.901		
	62			83	16.222		
	64			75	17.083		
	65			43	17.319		
	66			92	17.672 17.661	0.011	96 52439 0.4618
	70			75	18.191		
	71			83	18.560		
	72			166	18.710 18.694	0.016	74 8091 0.0573 M
	73			43	18.950		
	74			129	19.314		
	75			107	19.598		
S	82			106		0	0.1733 7
*	76			117	20.448 20.443	0.005	84 1565957 10.0
	77			112	20.496		
	78			91	20.614 20.614	0.0	68 14845 0.0559
	80			106	20.828 20.833	-0.005	98 13829 0.1292 M
	83			106	21.545 21.545	0.0	48 4450 0.0441 M
	84			104	21.583 21.582	0.0	83 9889 0.0660
	85			173	21.962		
\$	87			95	22.444 22.444	0.0	97 1075767 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	96			119	23.476		
	97			105	23.573 23.573	0.0	77 12513 0.0410
	98			105	23.808		
	99			119	24.011		
	100			146	24.081		
	101			146	24.225		
	102			91	24.434		
	103			91	24.653		
	105			146	24.830		
	107			180	27.724		
	108			225	27.927		
	109			128	28.312		

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Worklist Smp#: 20

Client ID: IA-VMP-3D

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

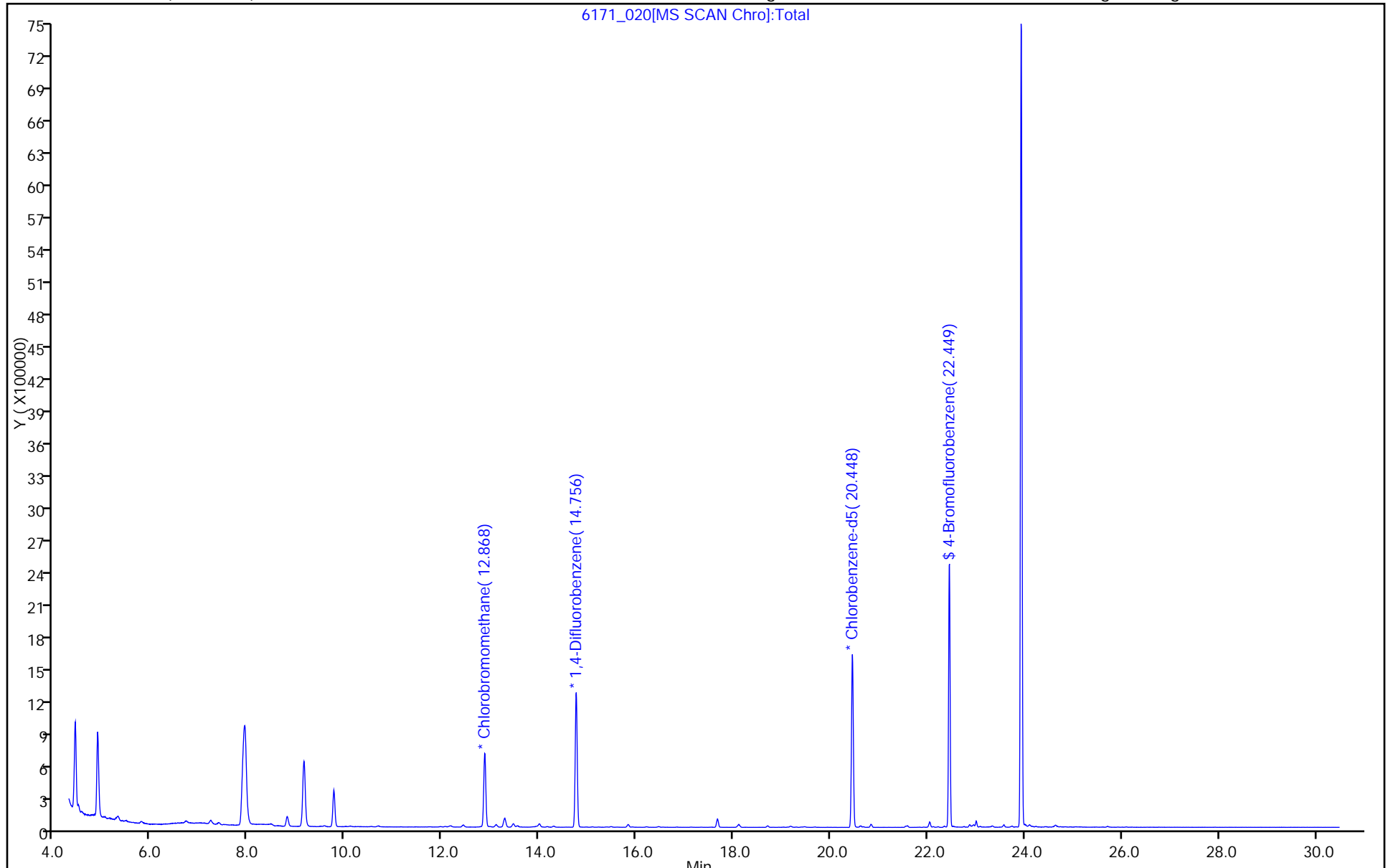
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

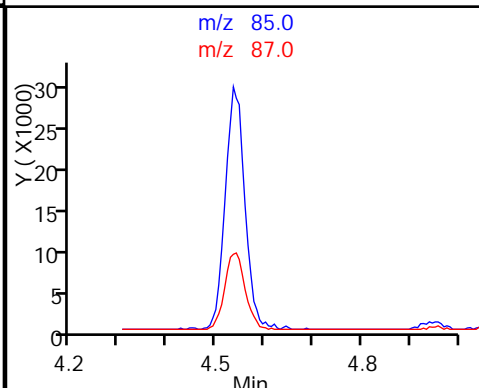
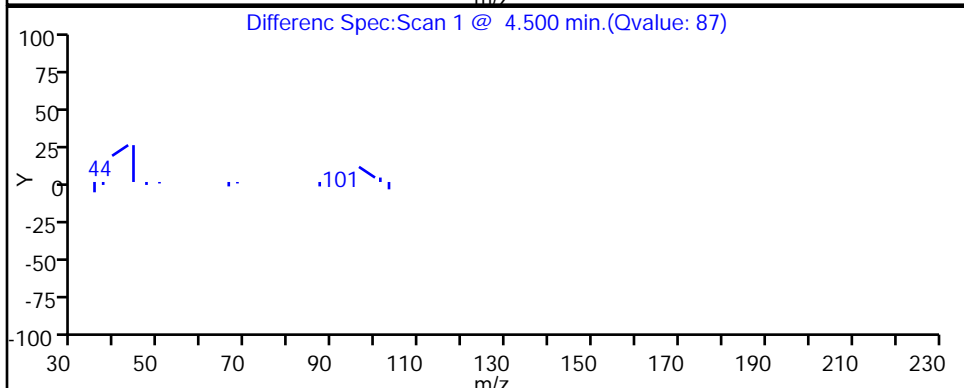
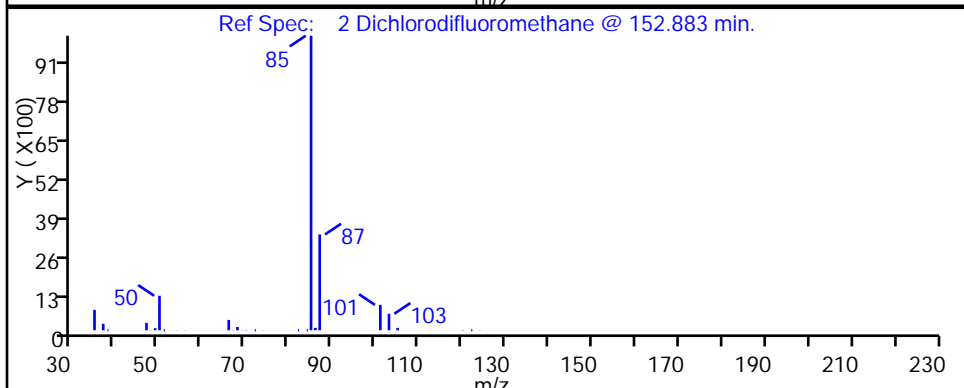
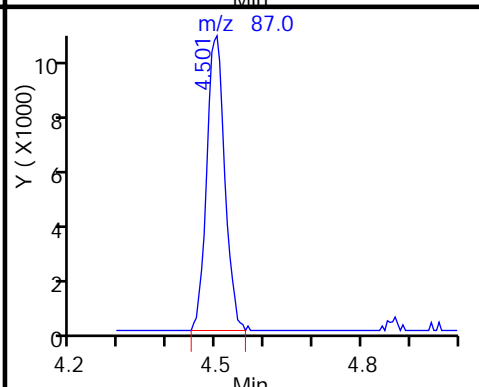
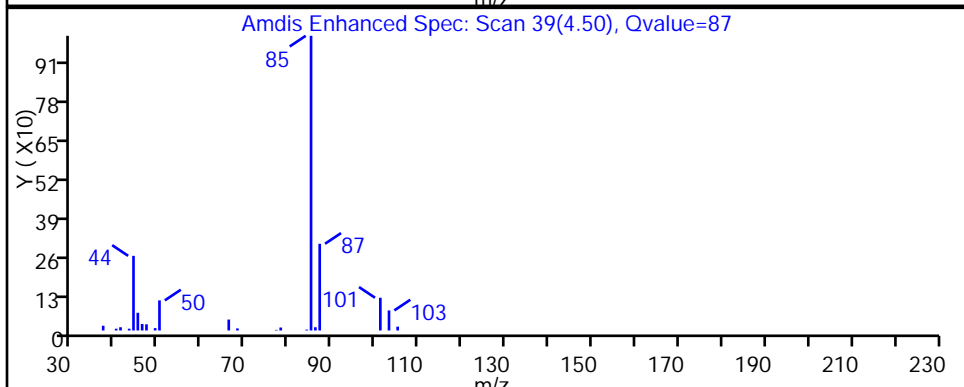
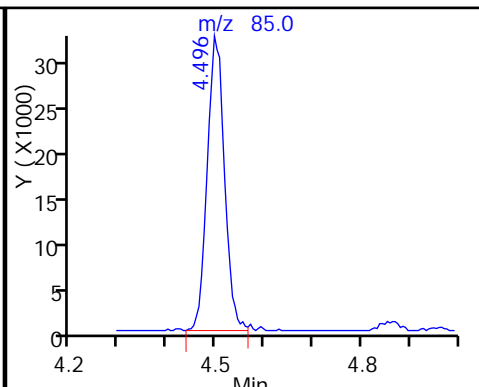
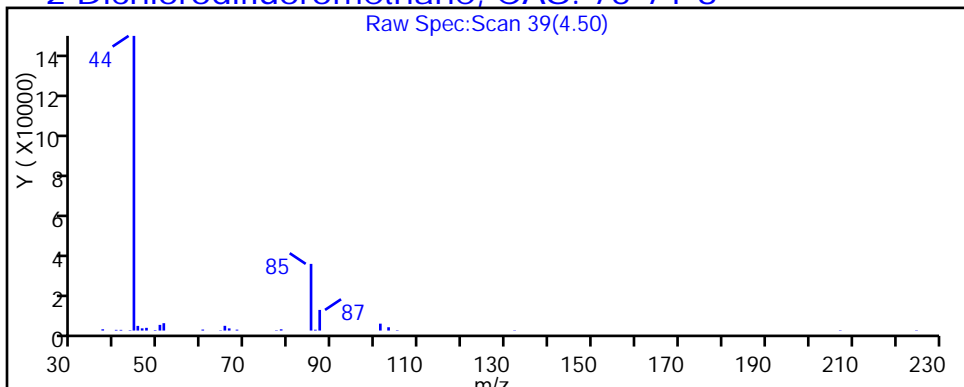
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

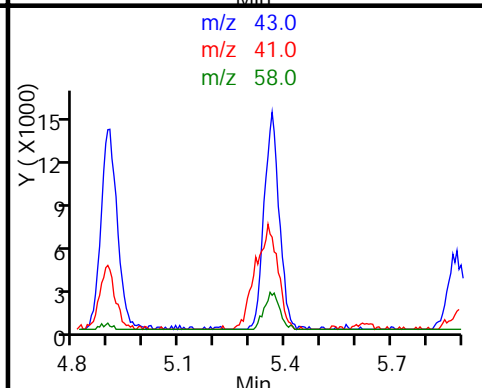
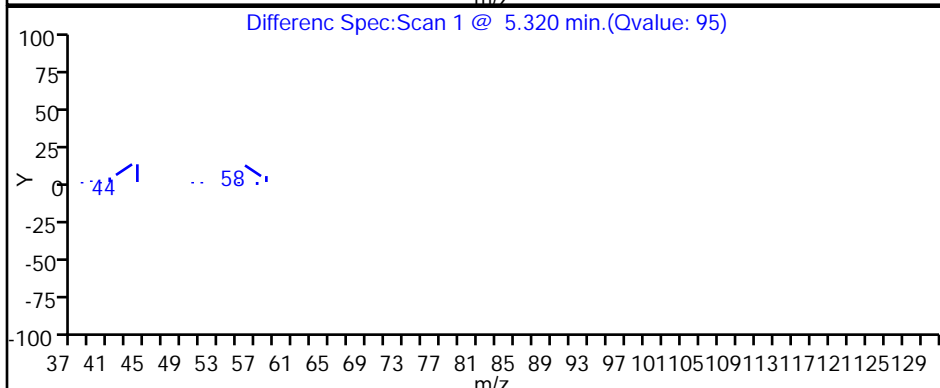
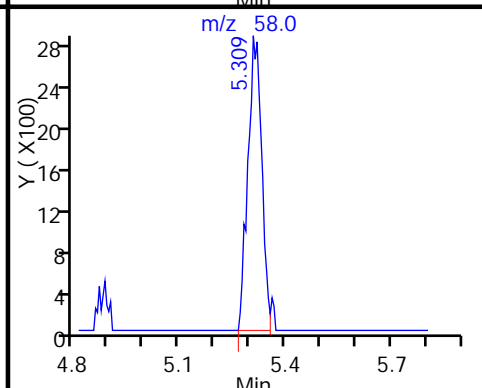
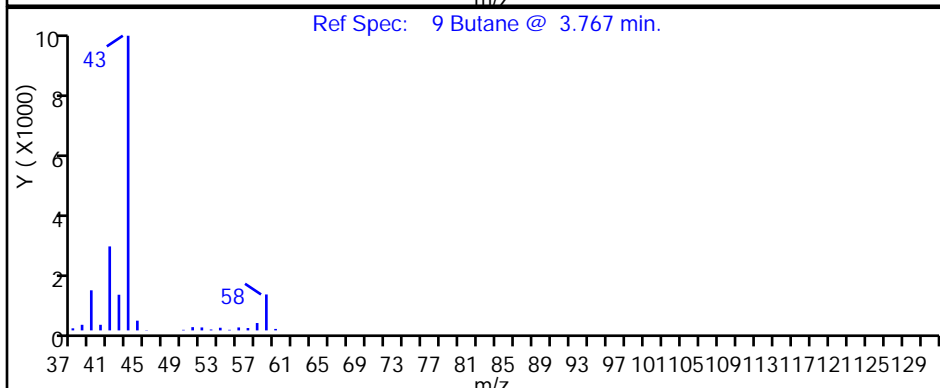
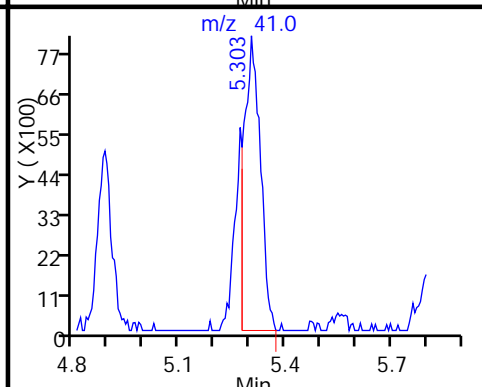
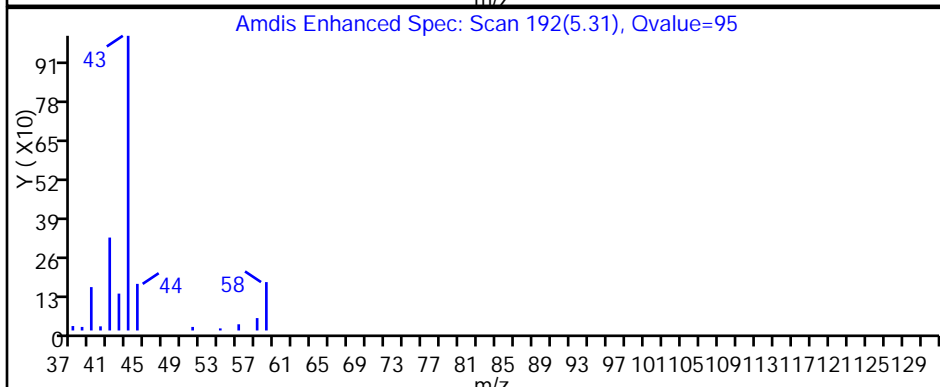
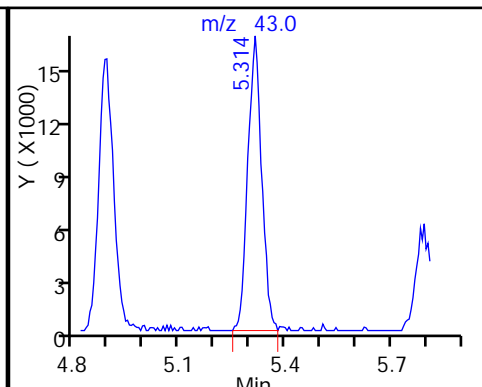
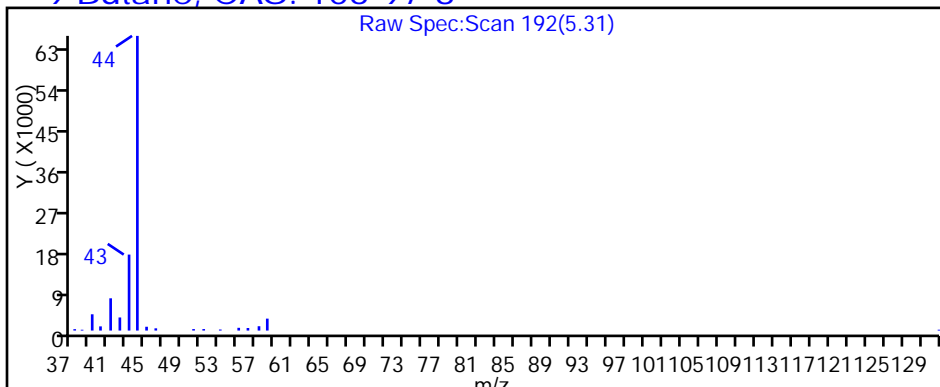
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

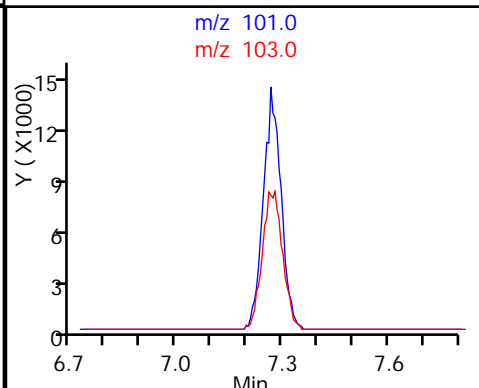
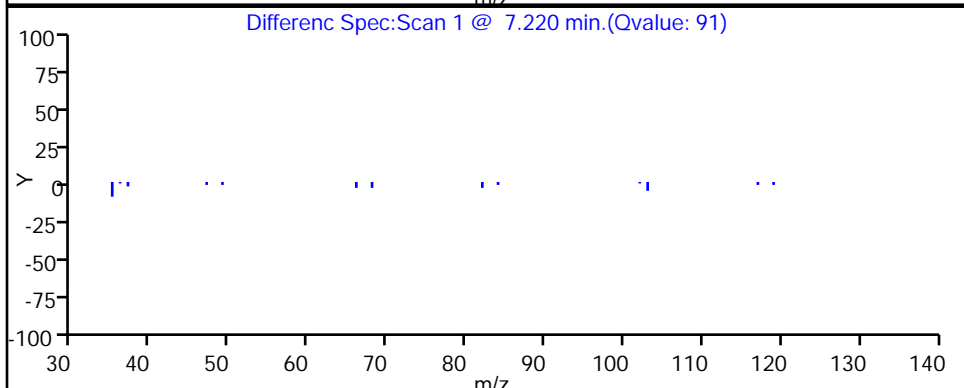
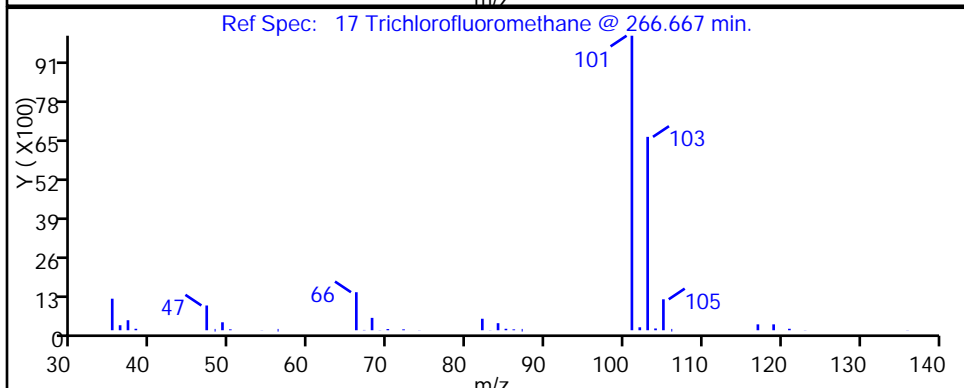
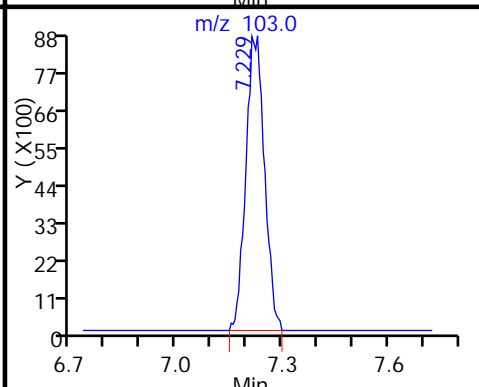
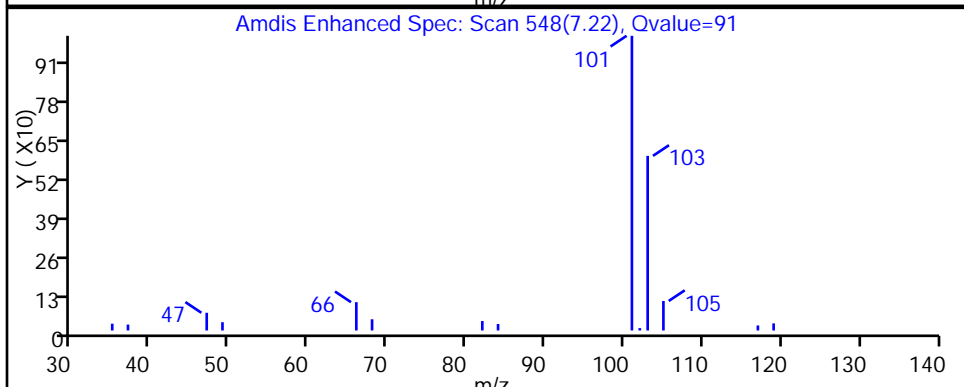
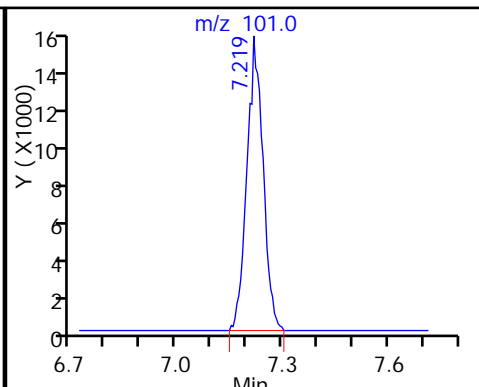
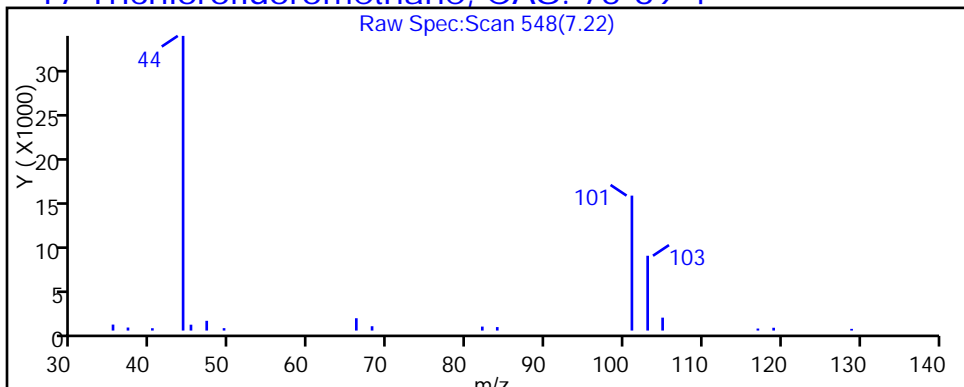
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

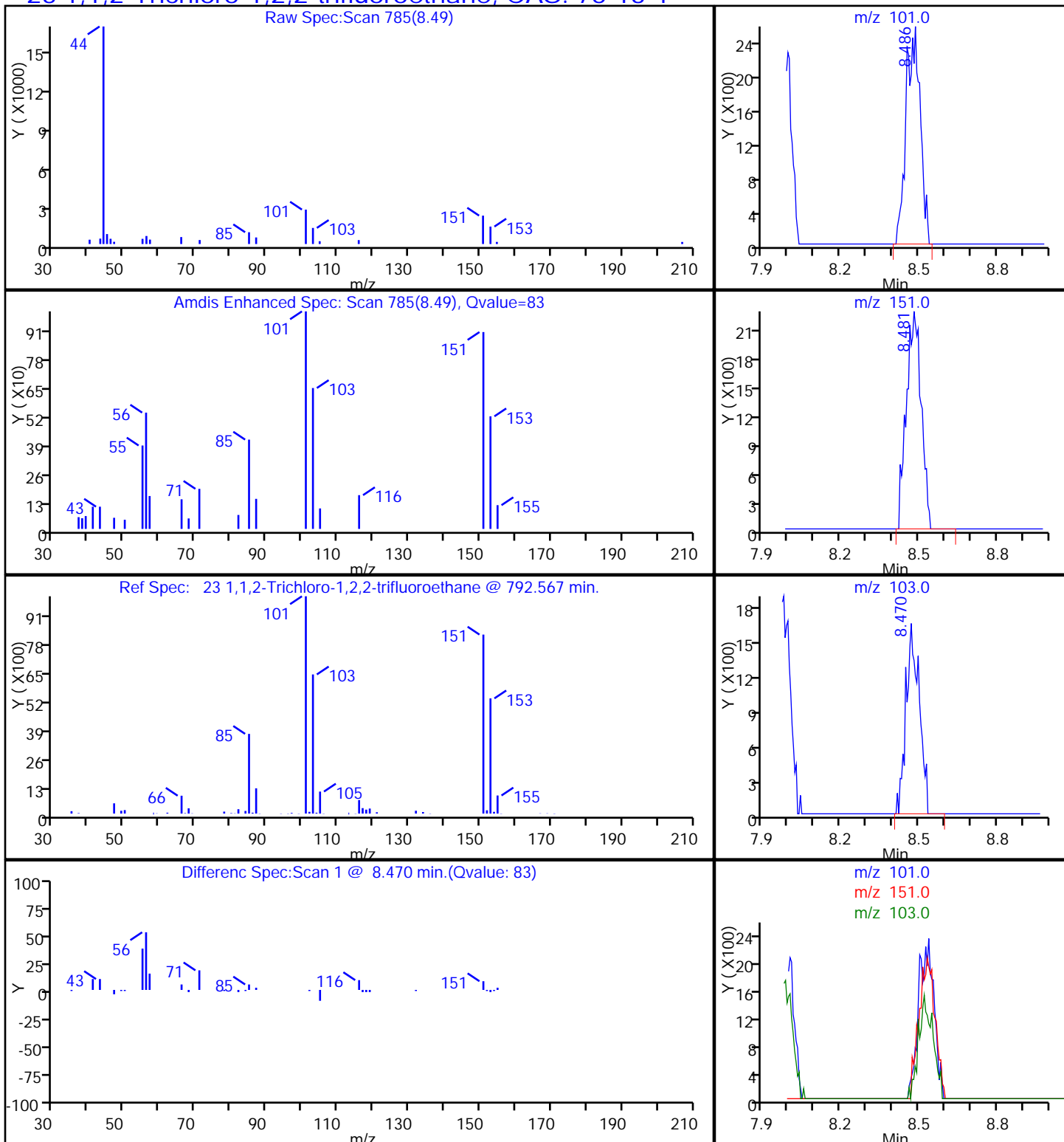
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

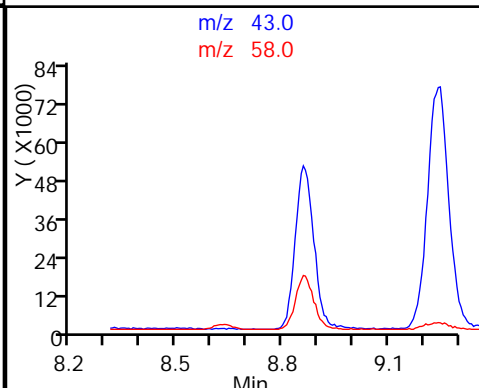
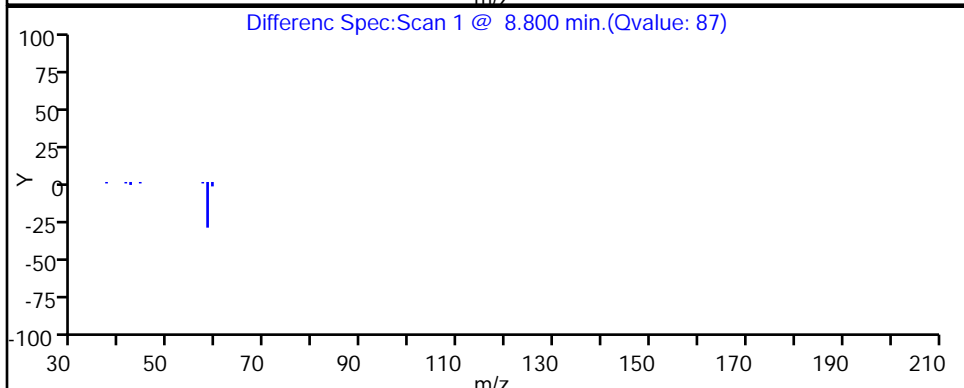
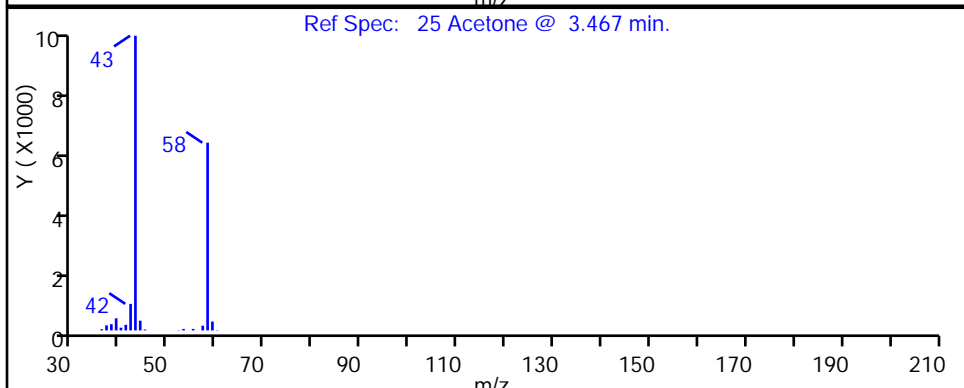
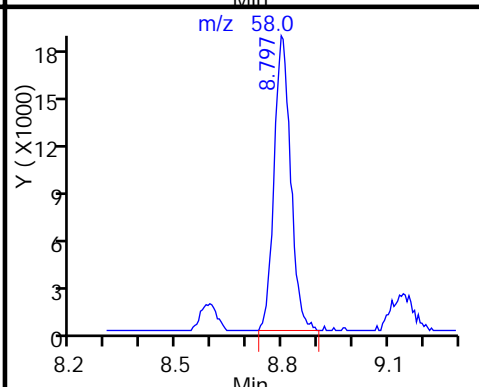
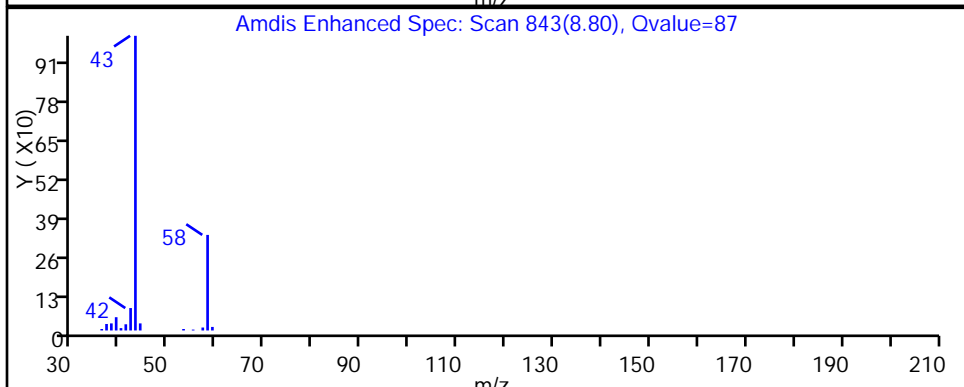
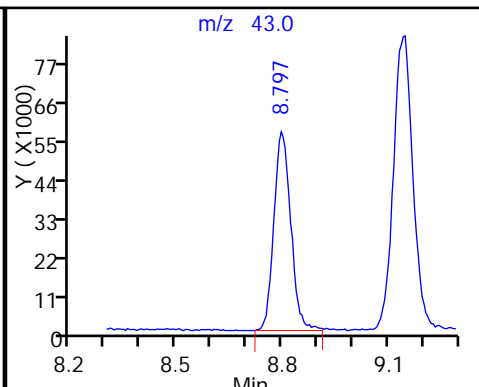
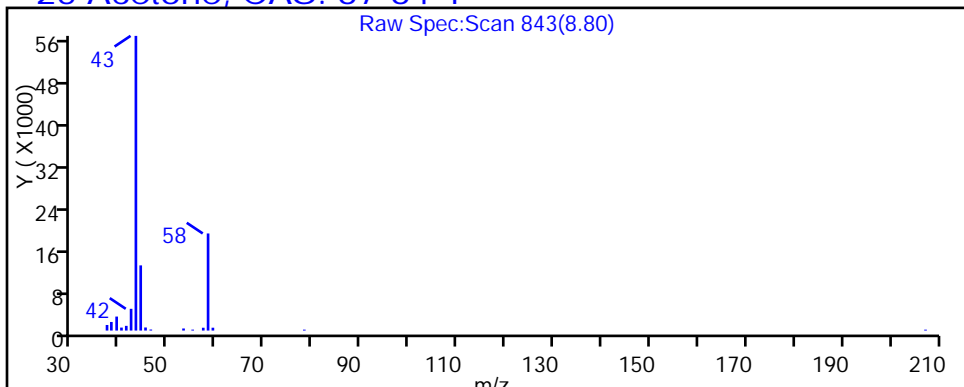
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

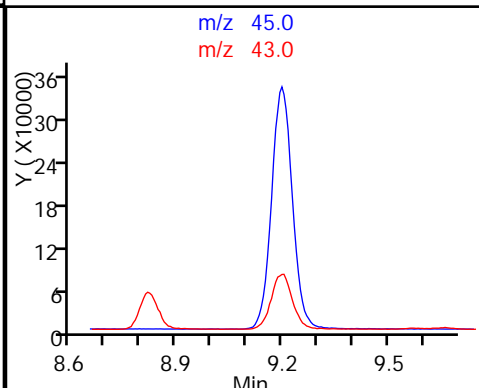
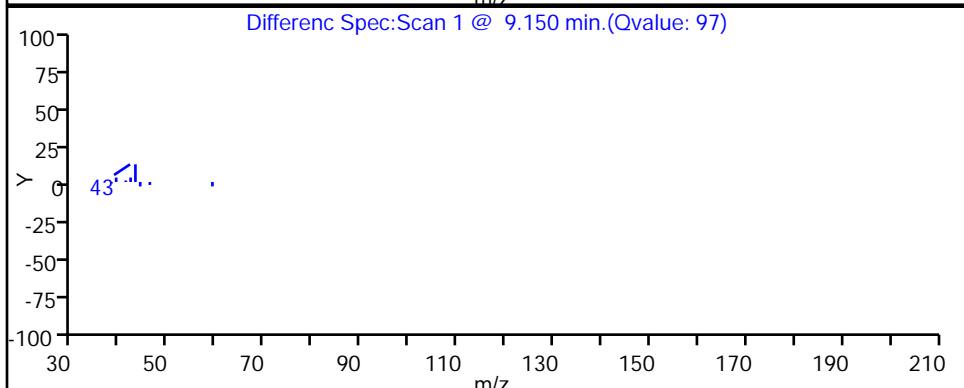
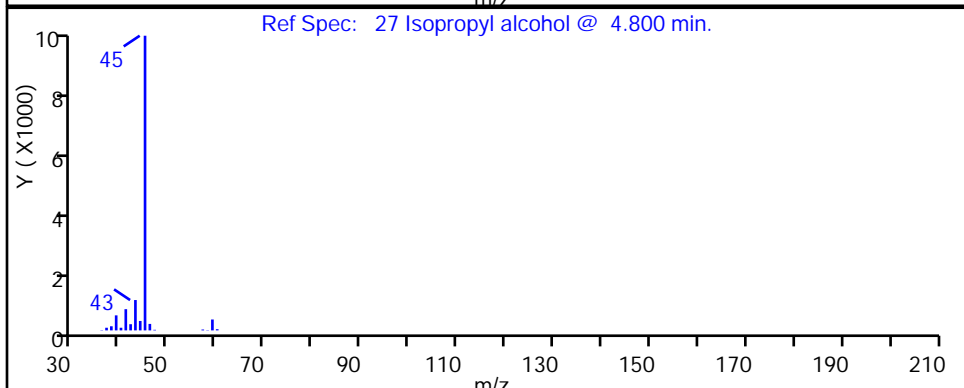
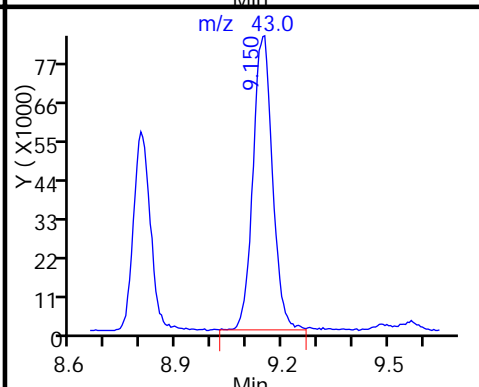
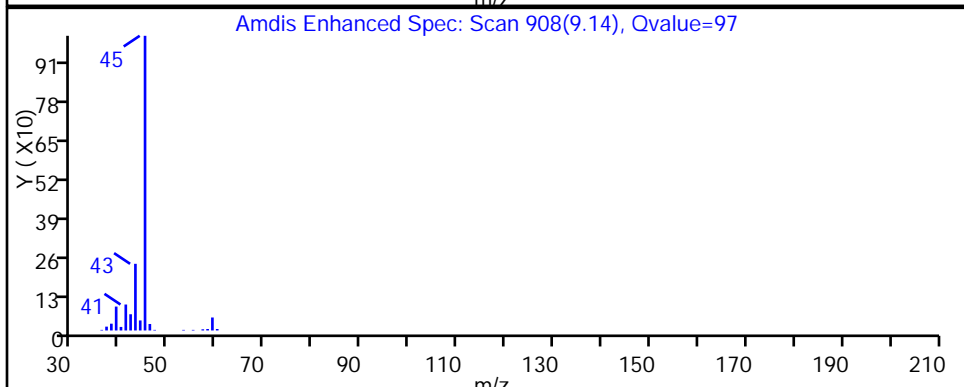
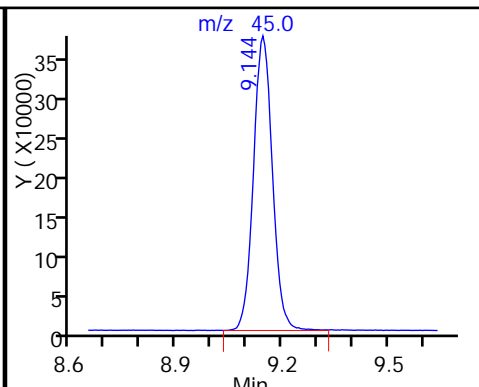
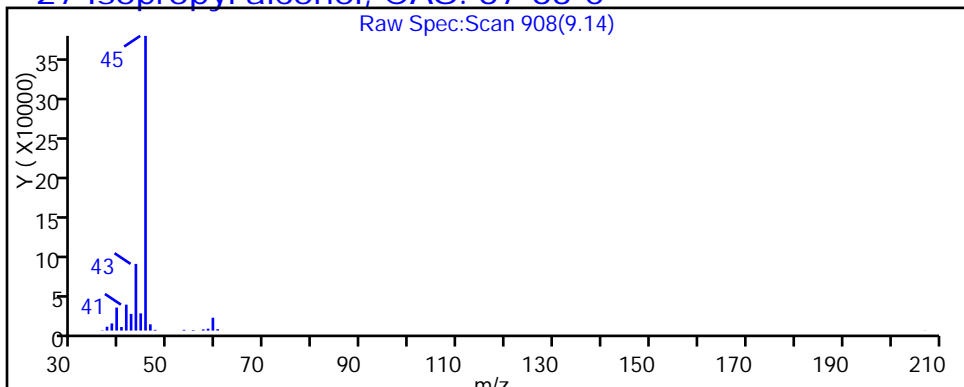
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

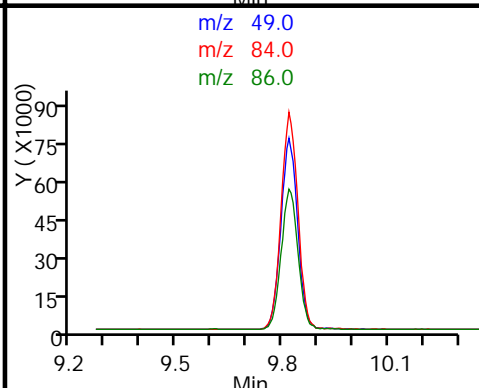
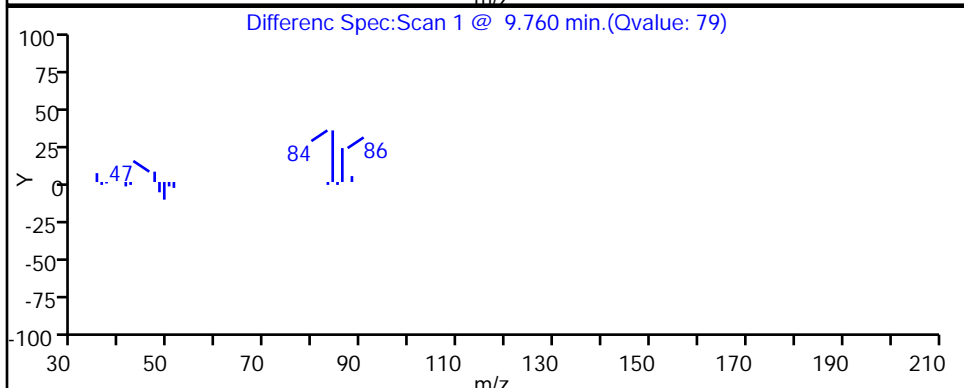
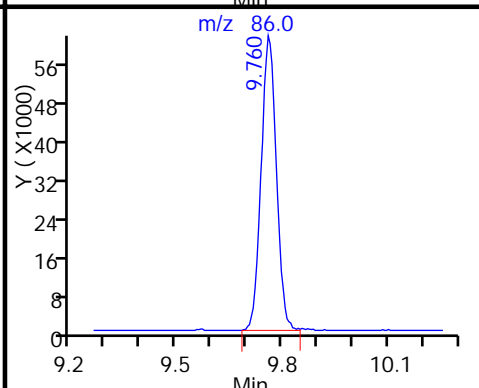
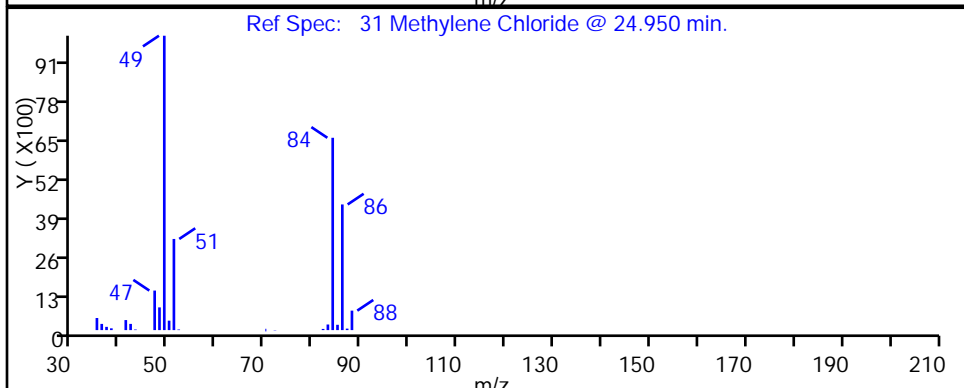
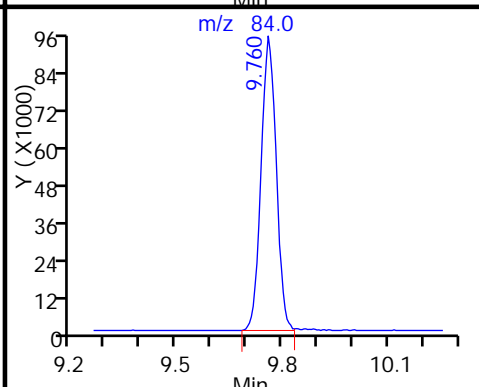
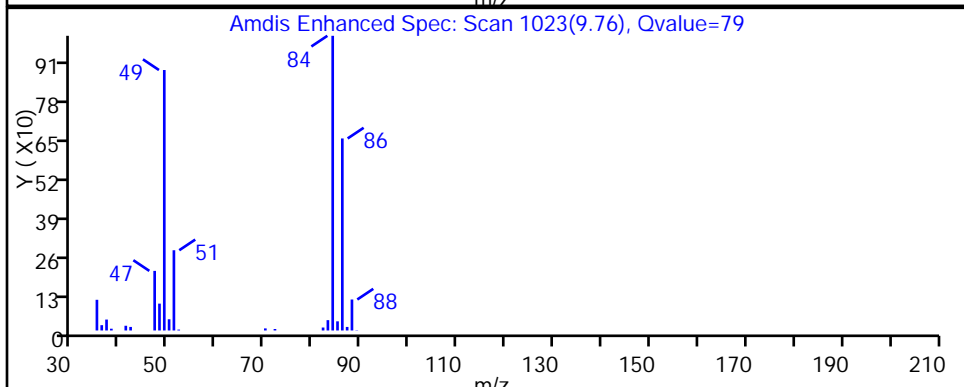
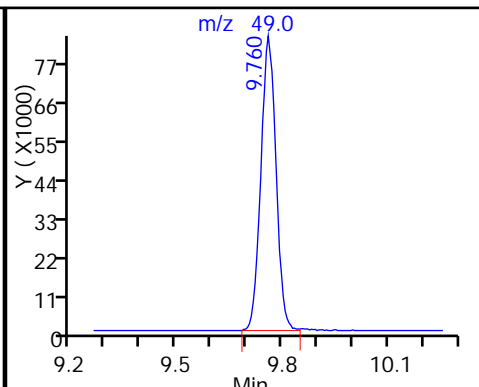
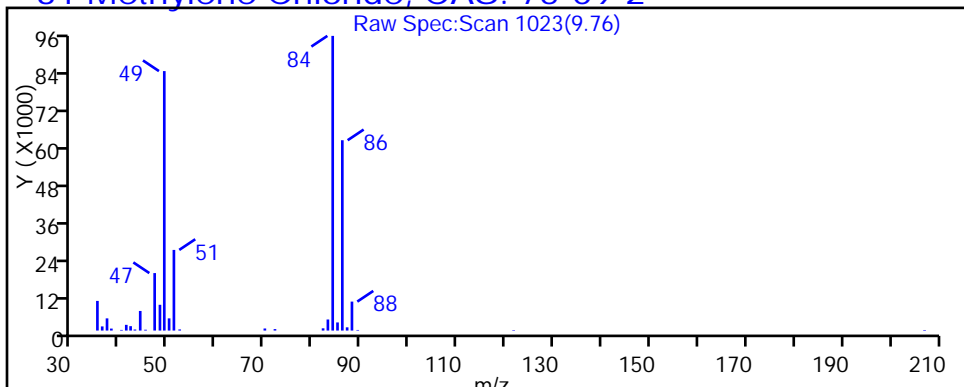
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

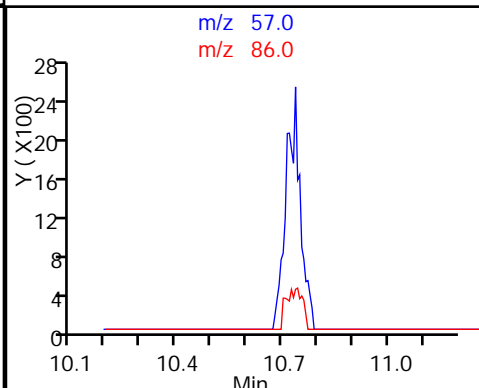
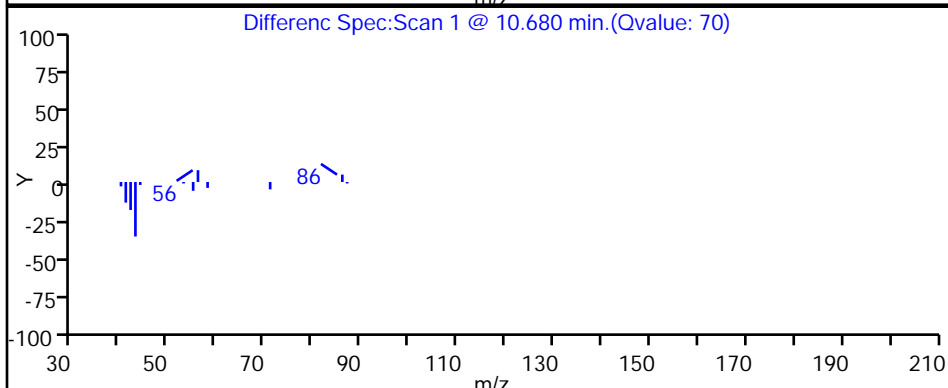
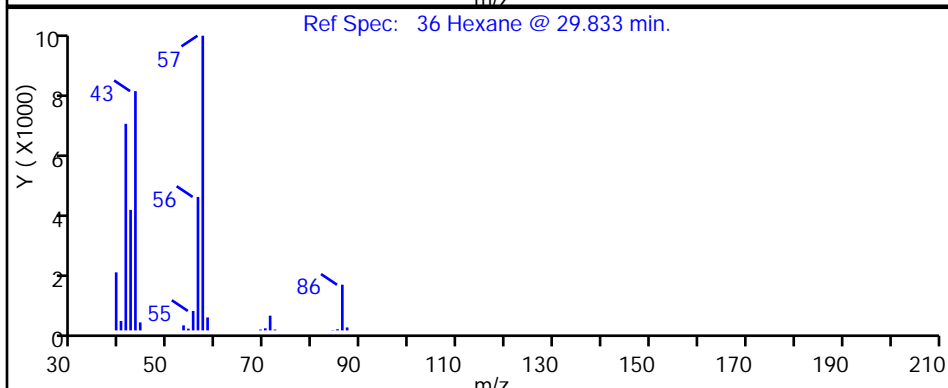
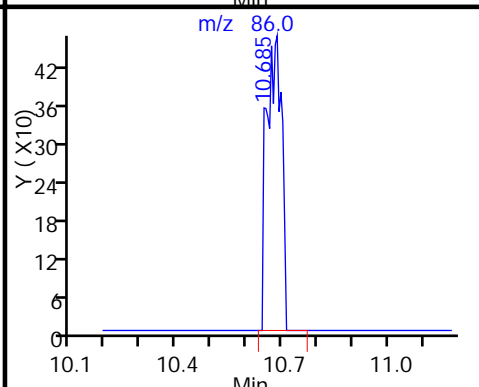
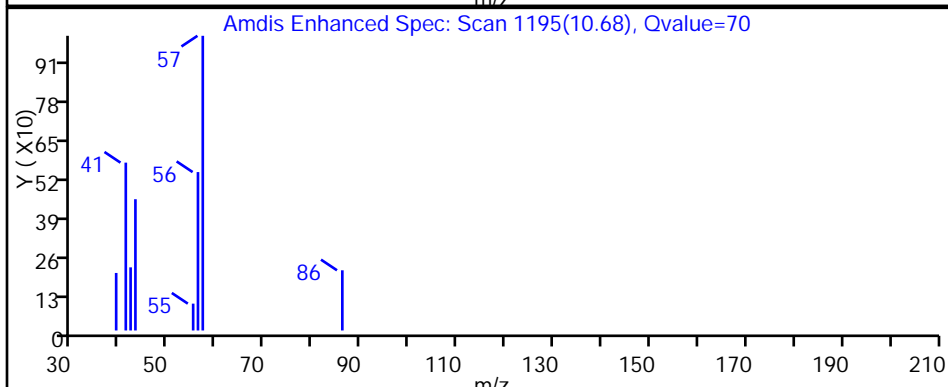
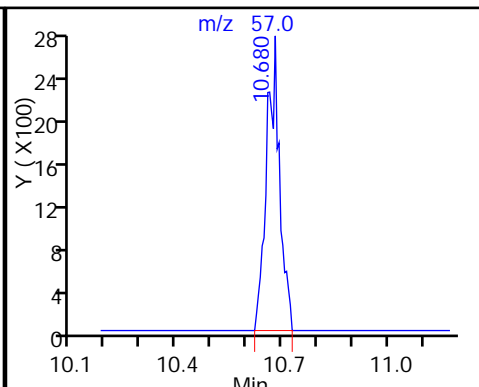
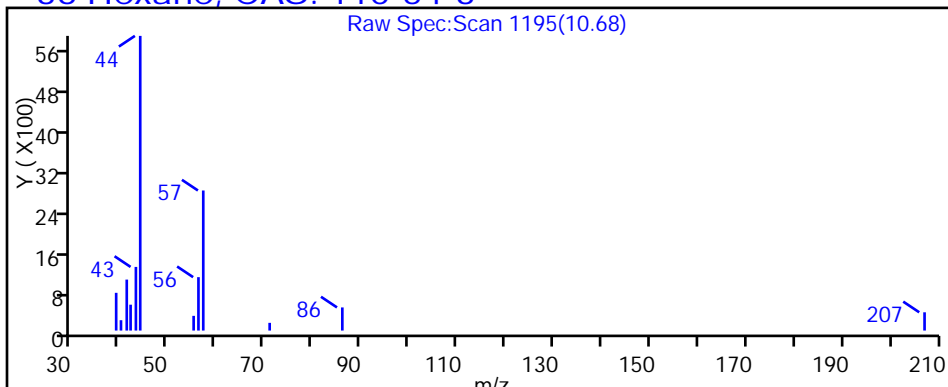
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

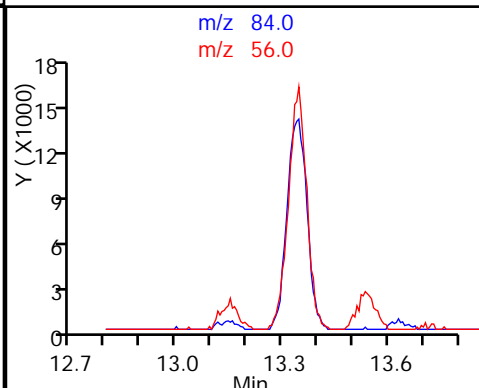
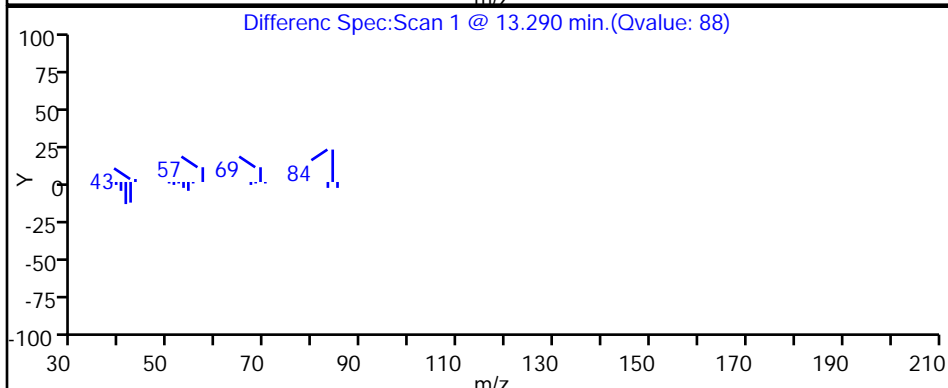
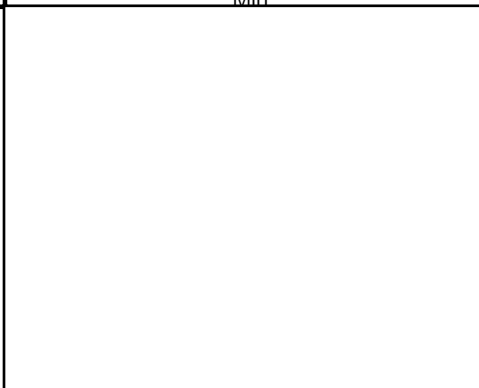
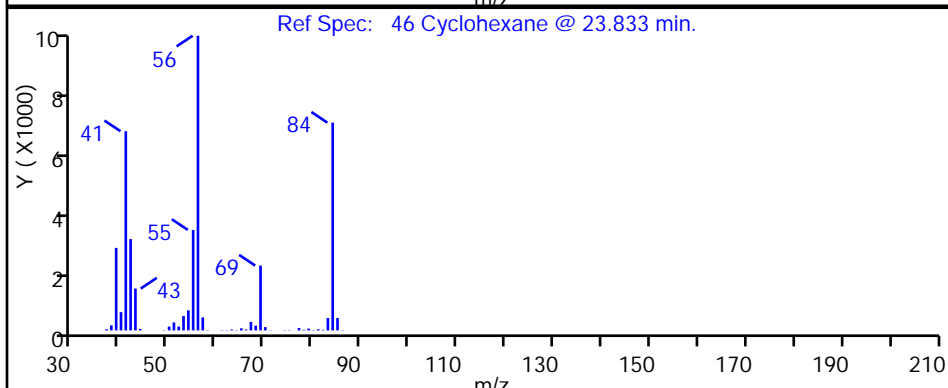
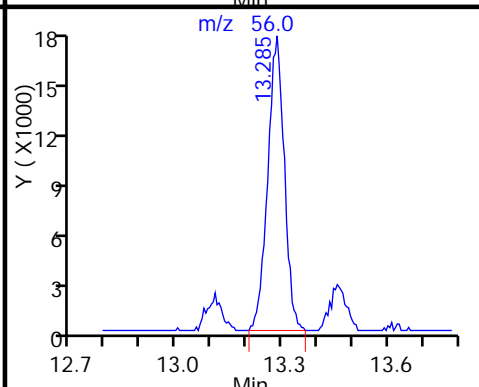
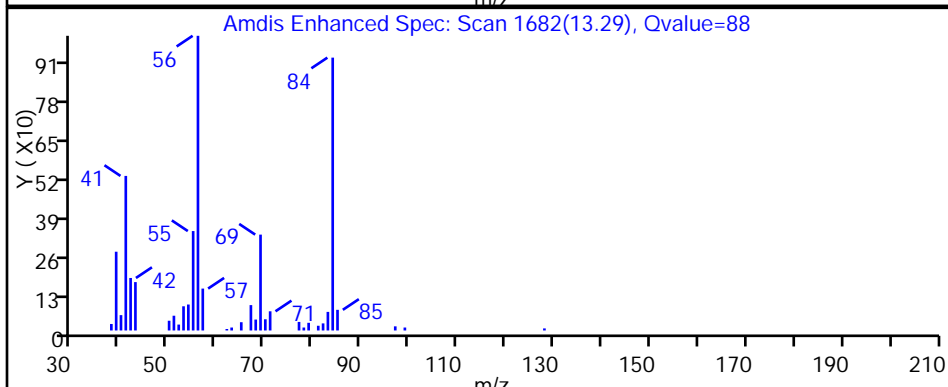
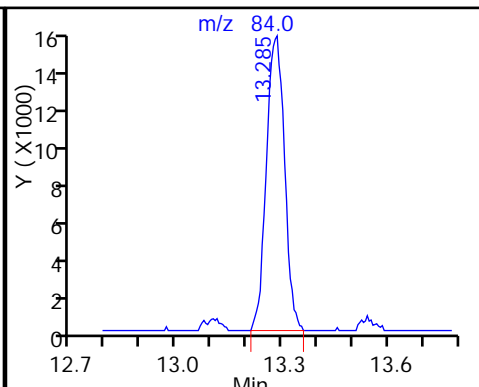
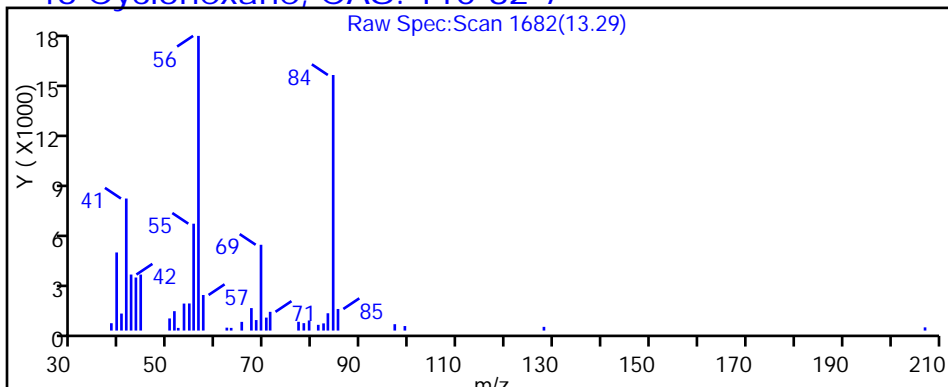
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

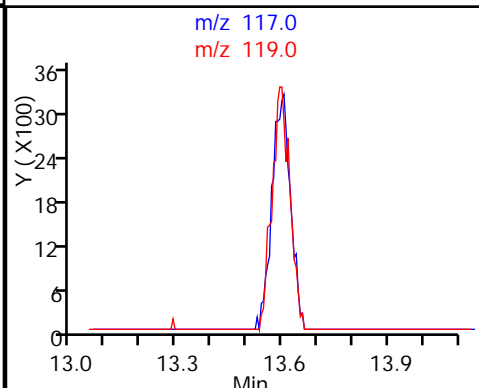
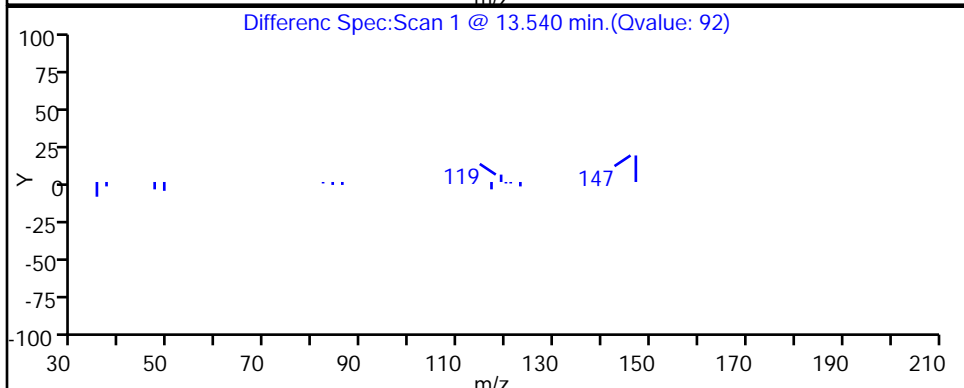
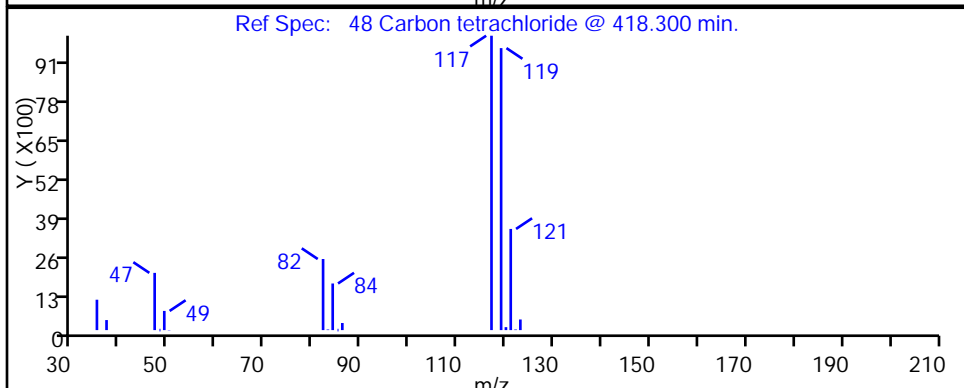
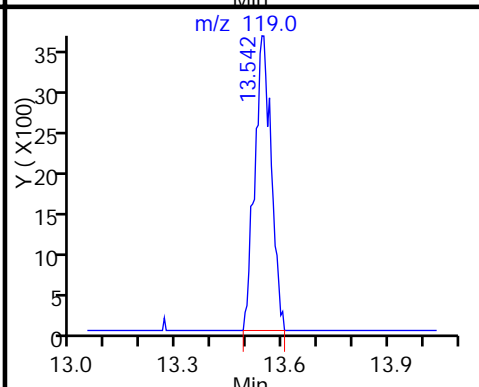
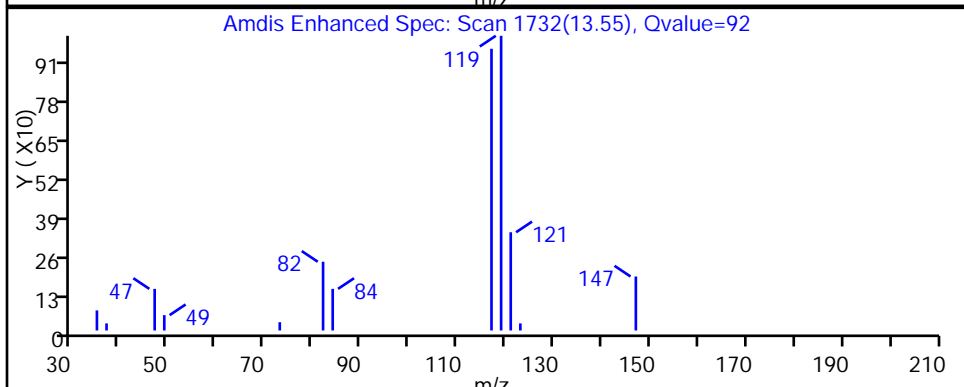
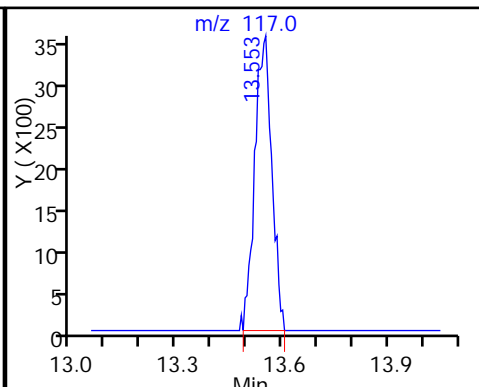
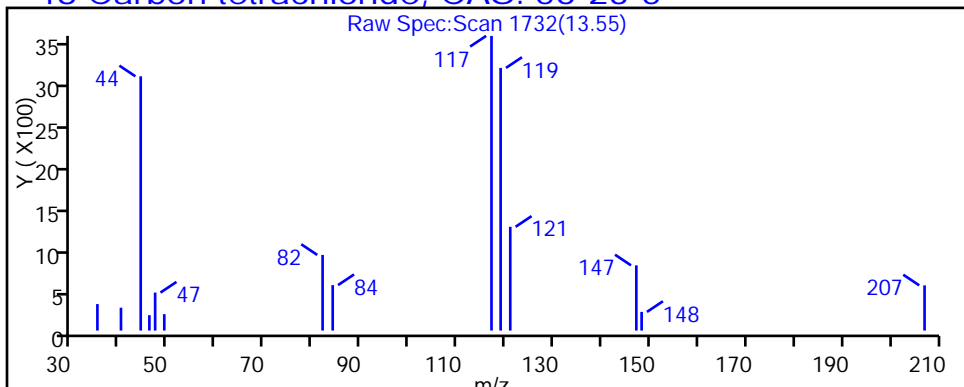
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

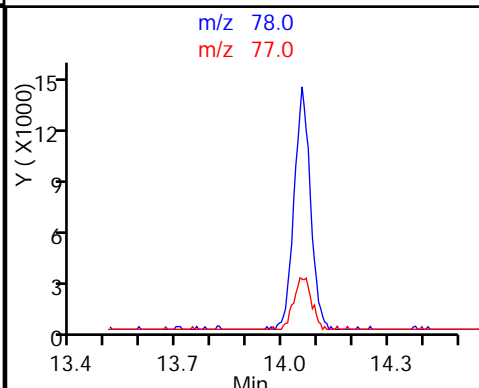
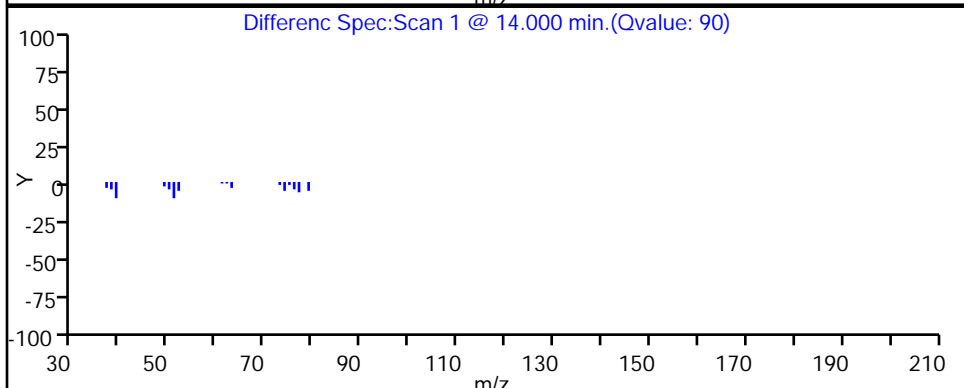
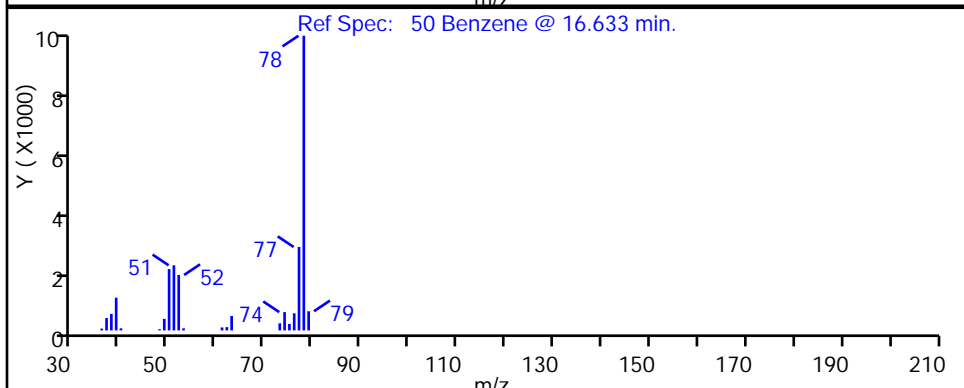
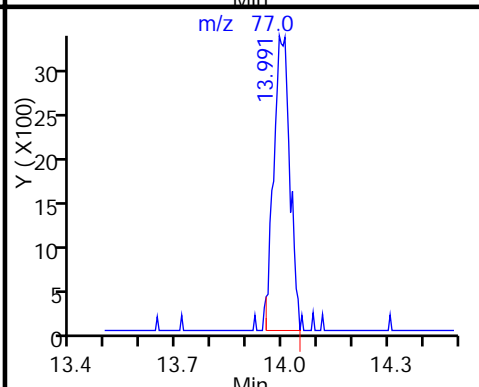
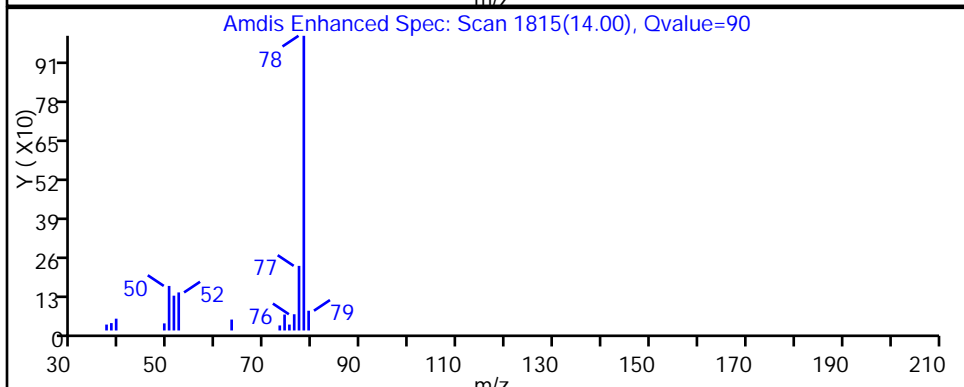
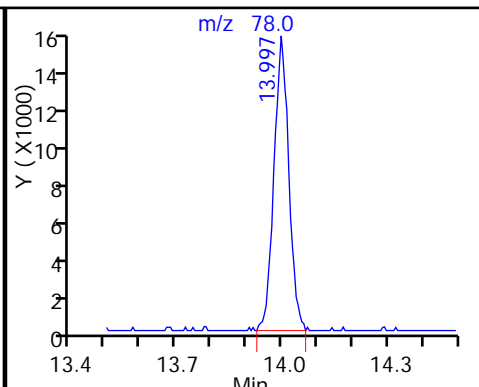
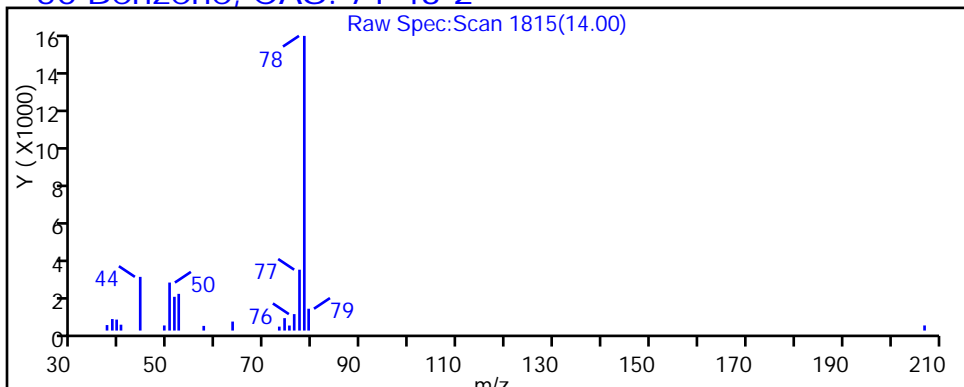
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

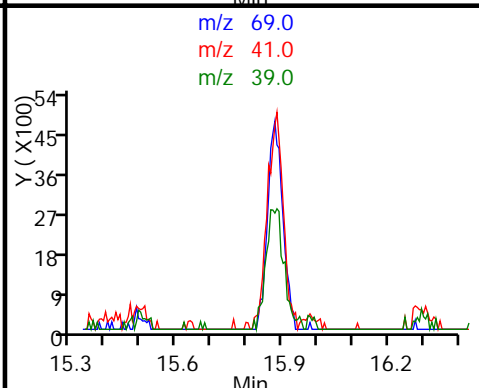
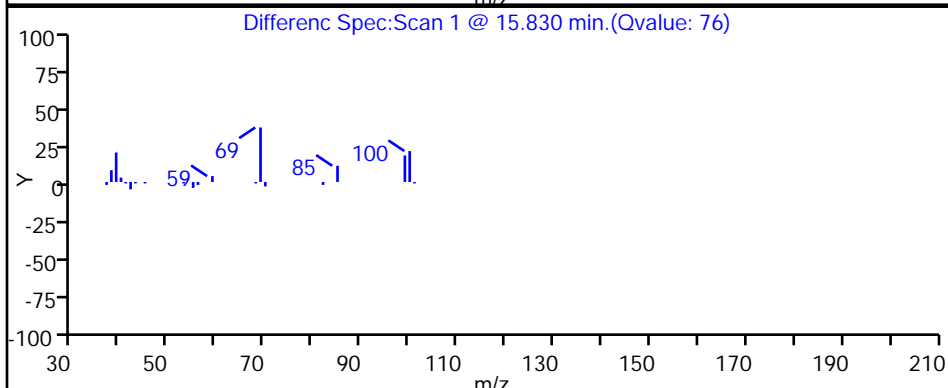
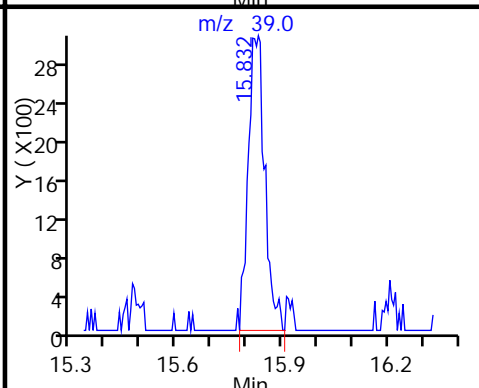
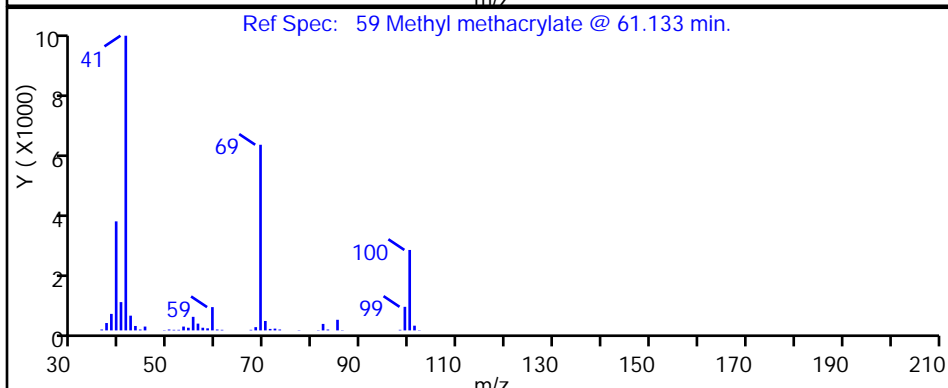
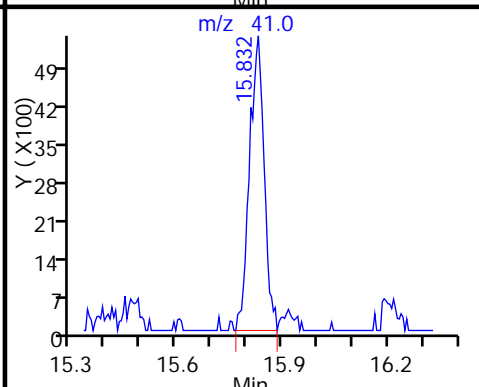
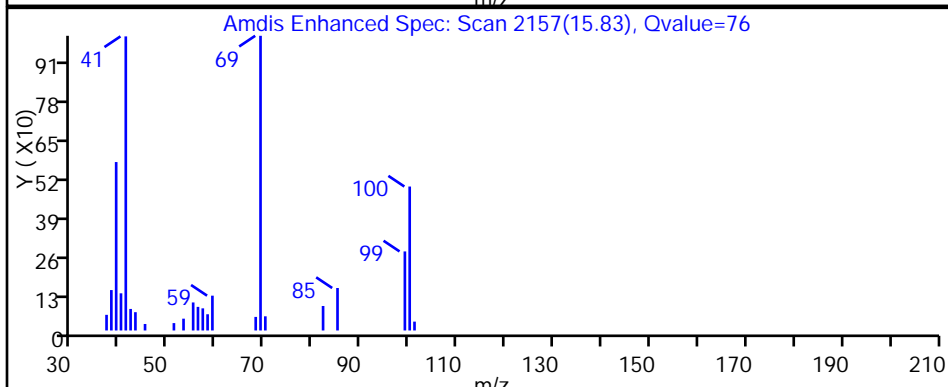
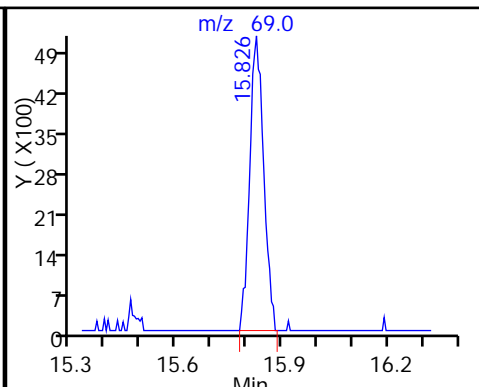
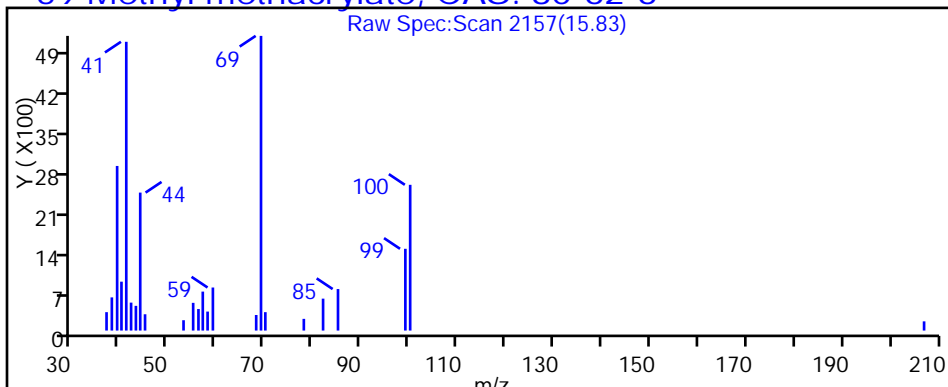
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

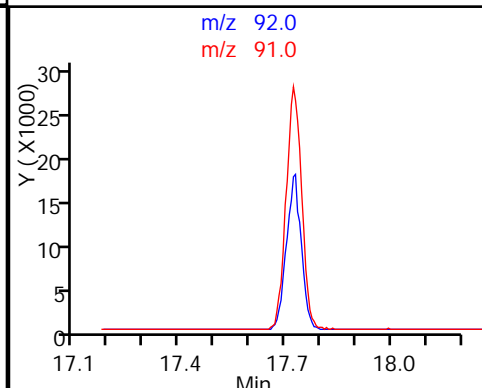
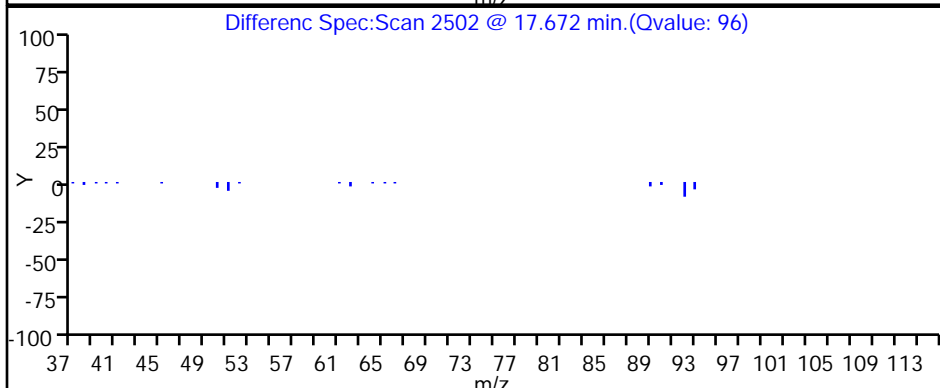
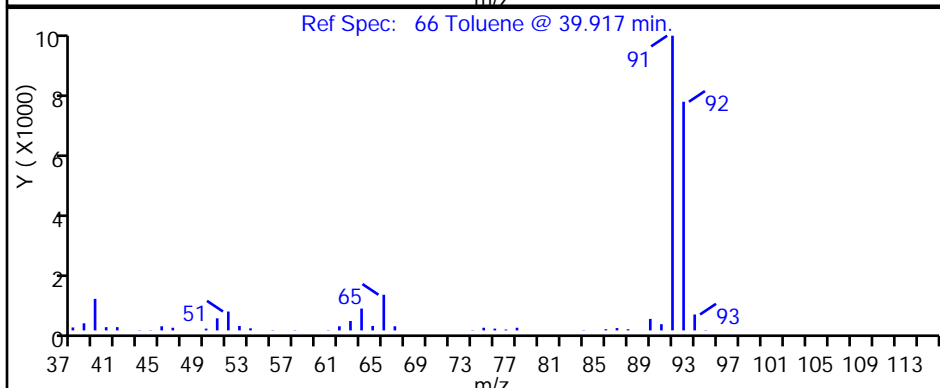
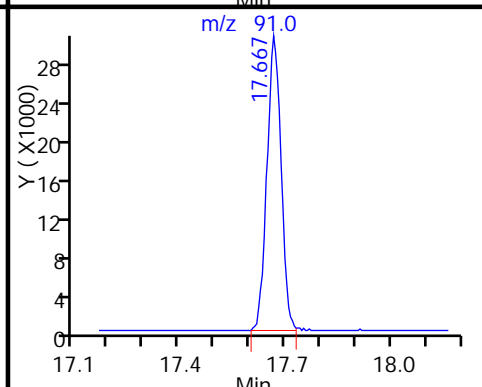
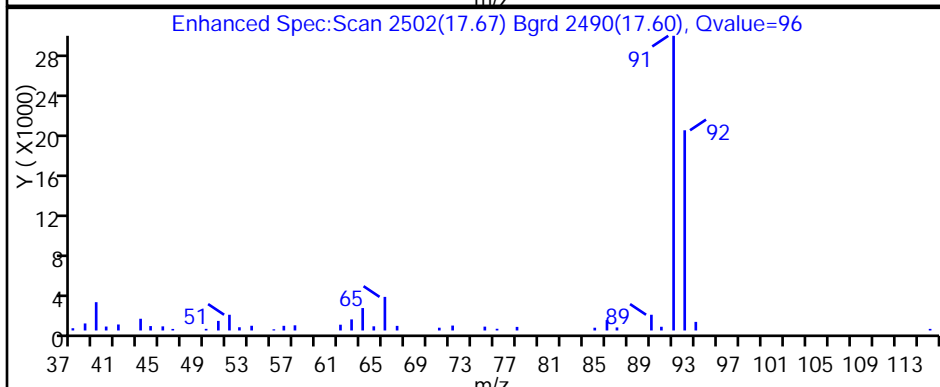
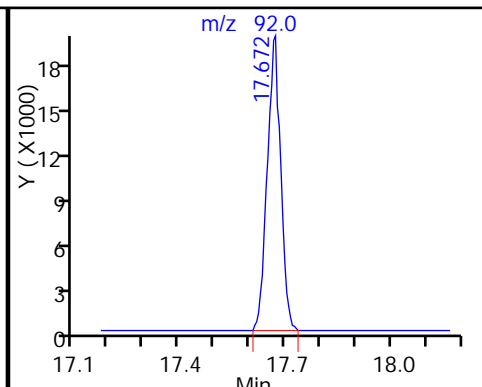
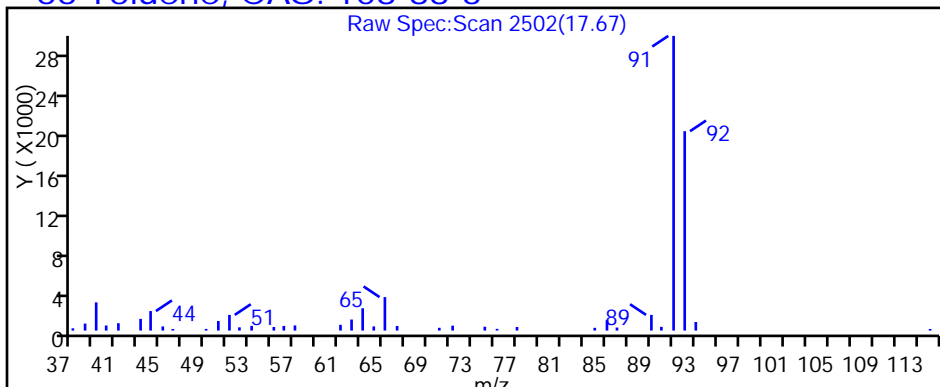
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

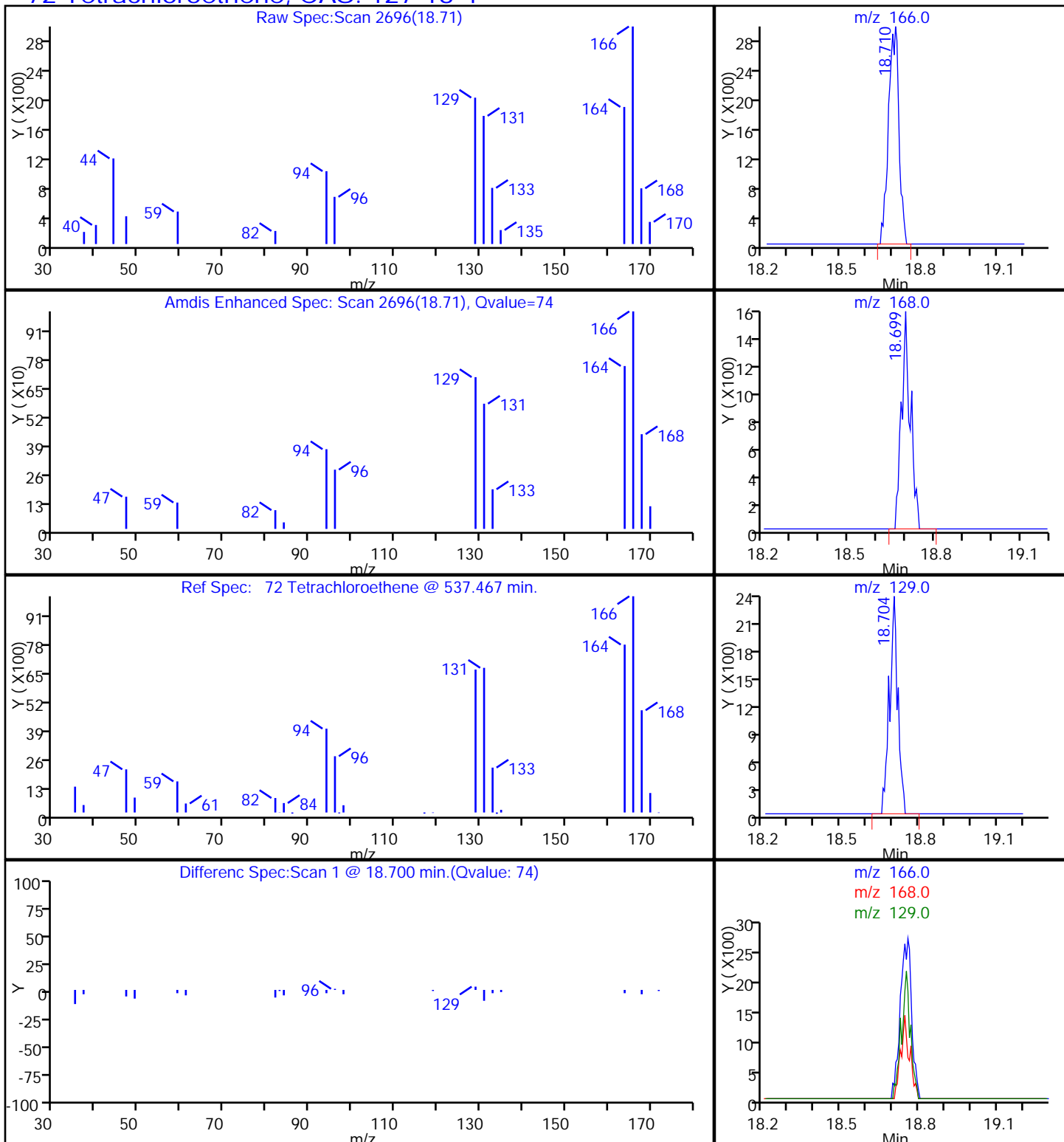
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

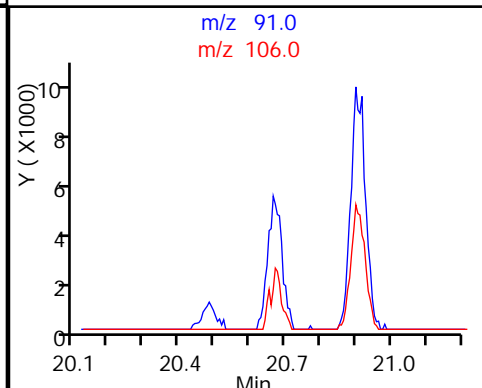
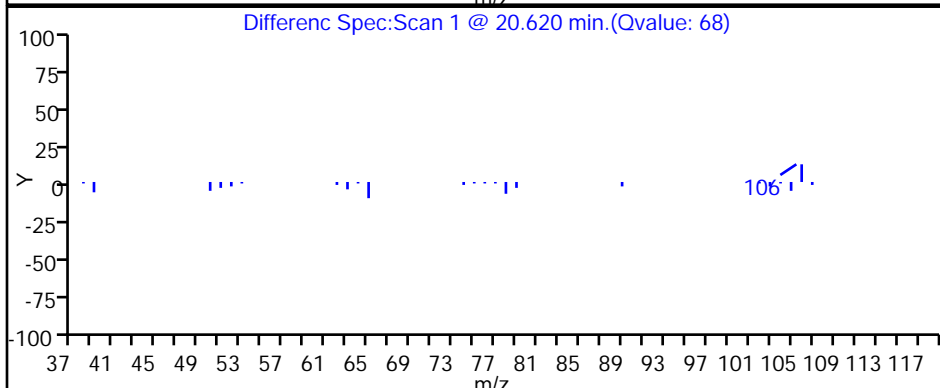
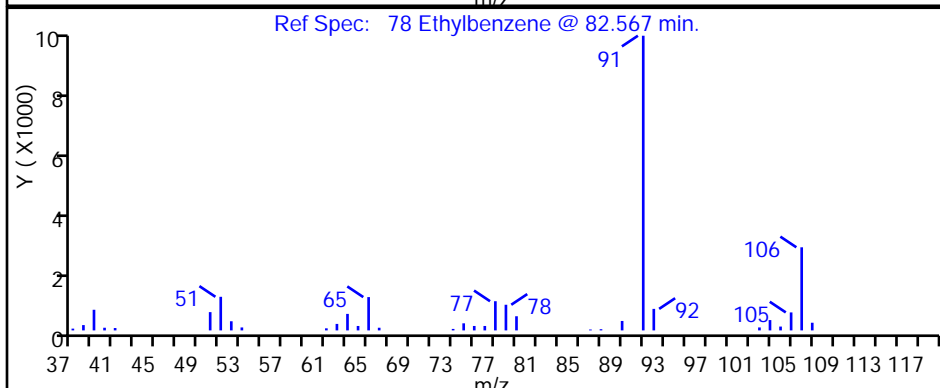
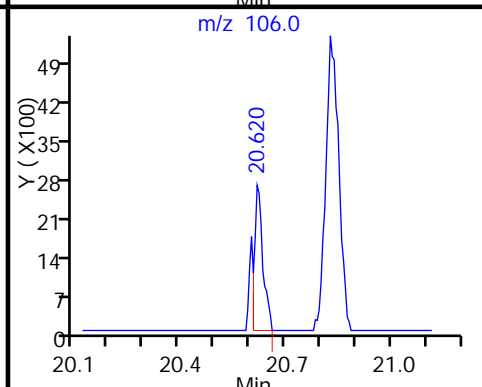
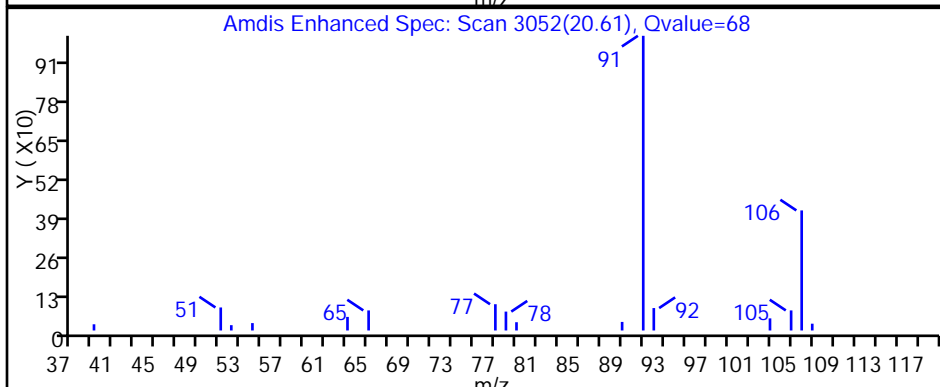
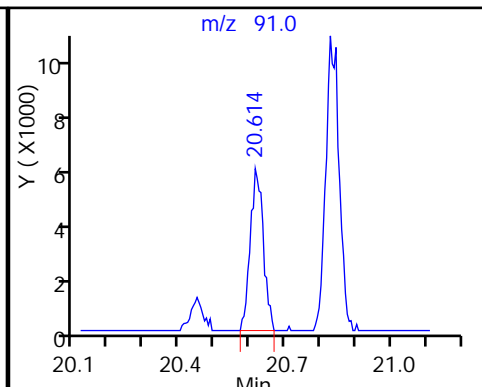
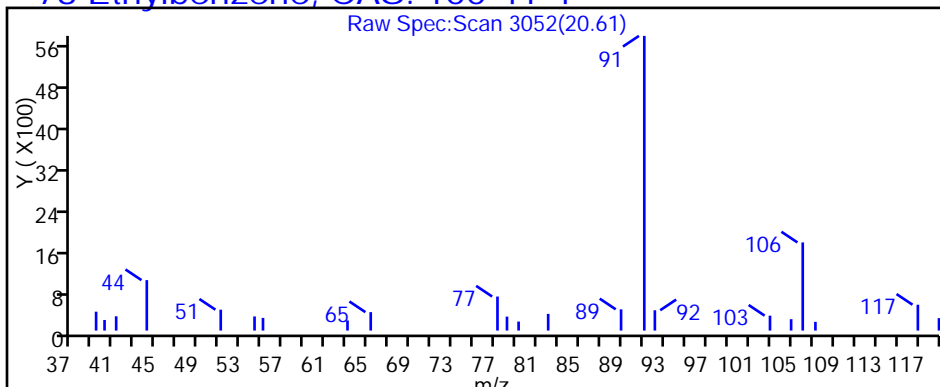
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

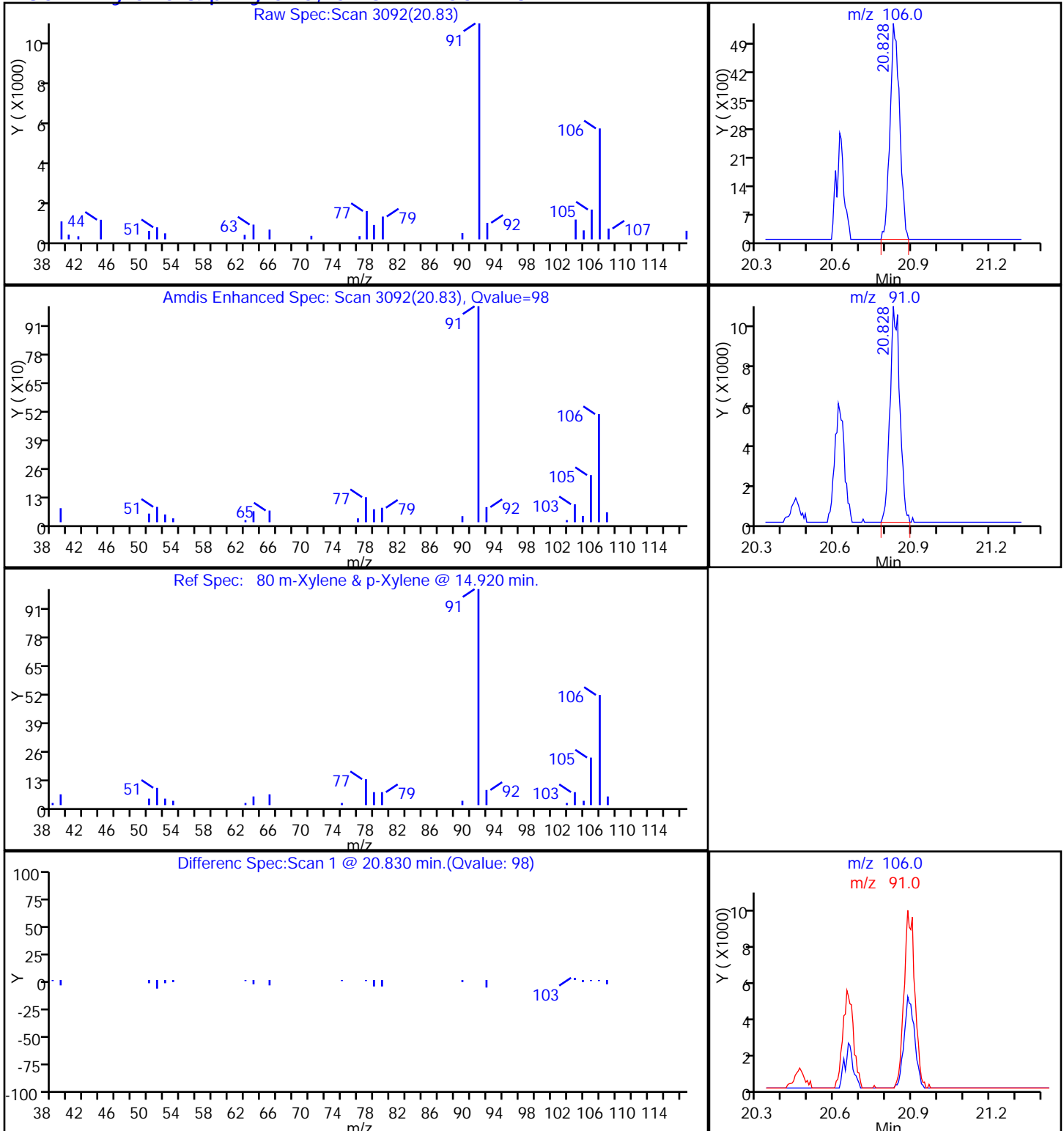
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

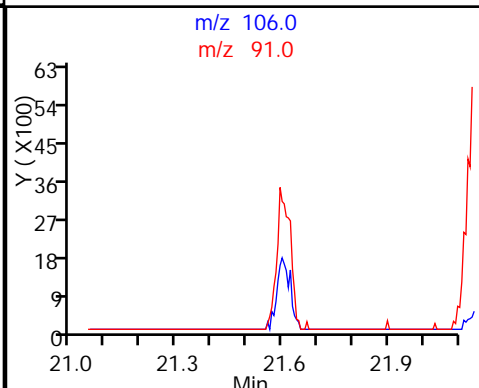
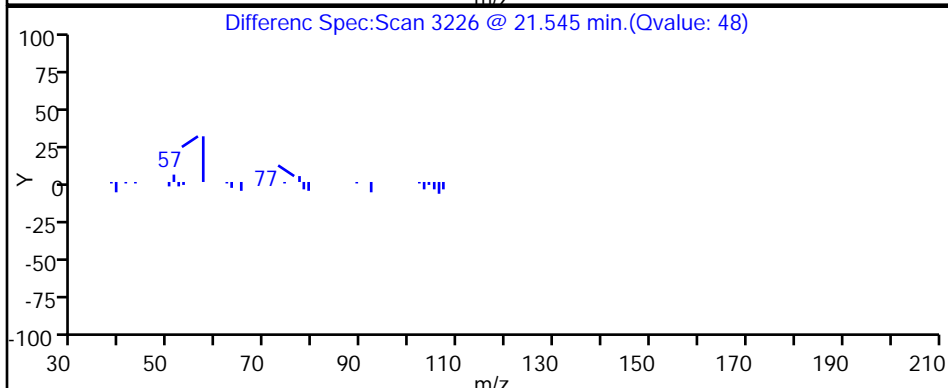
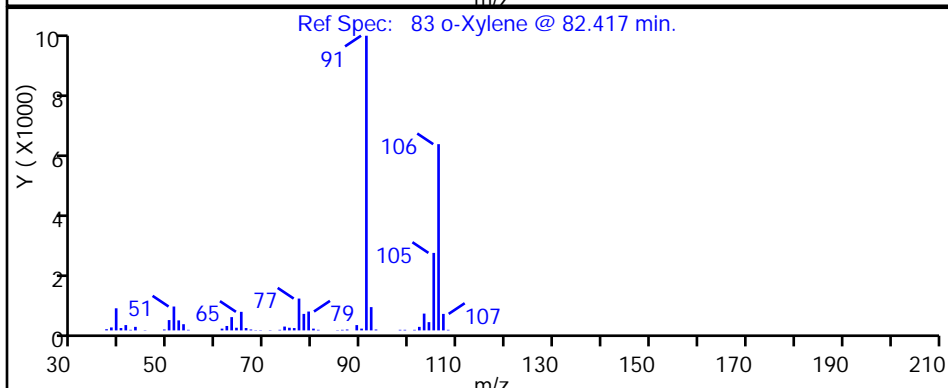
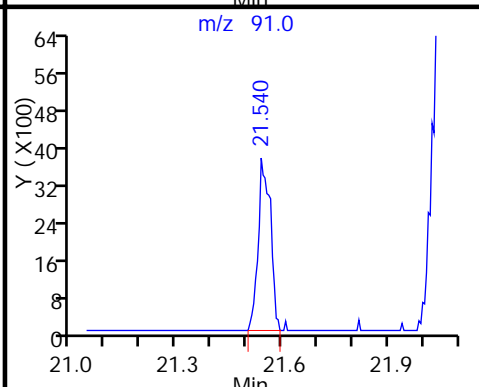
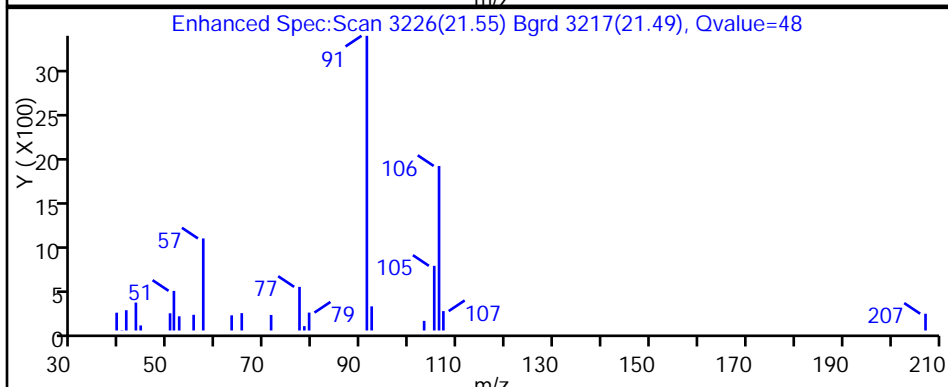
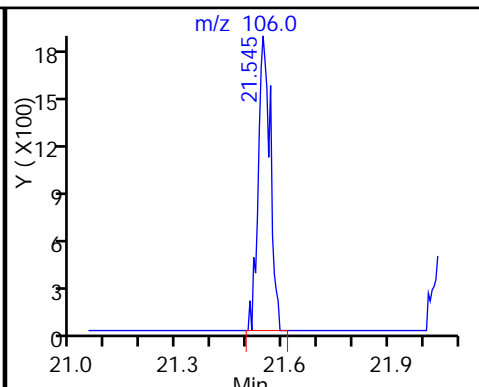
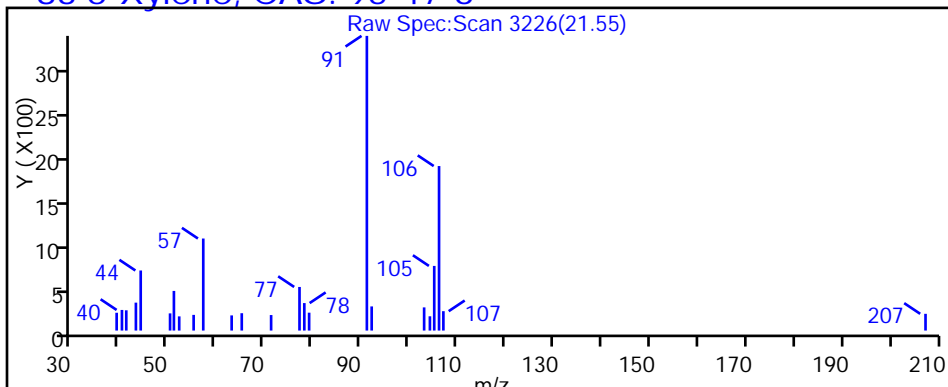
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

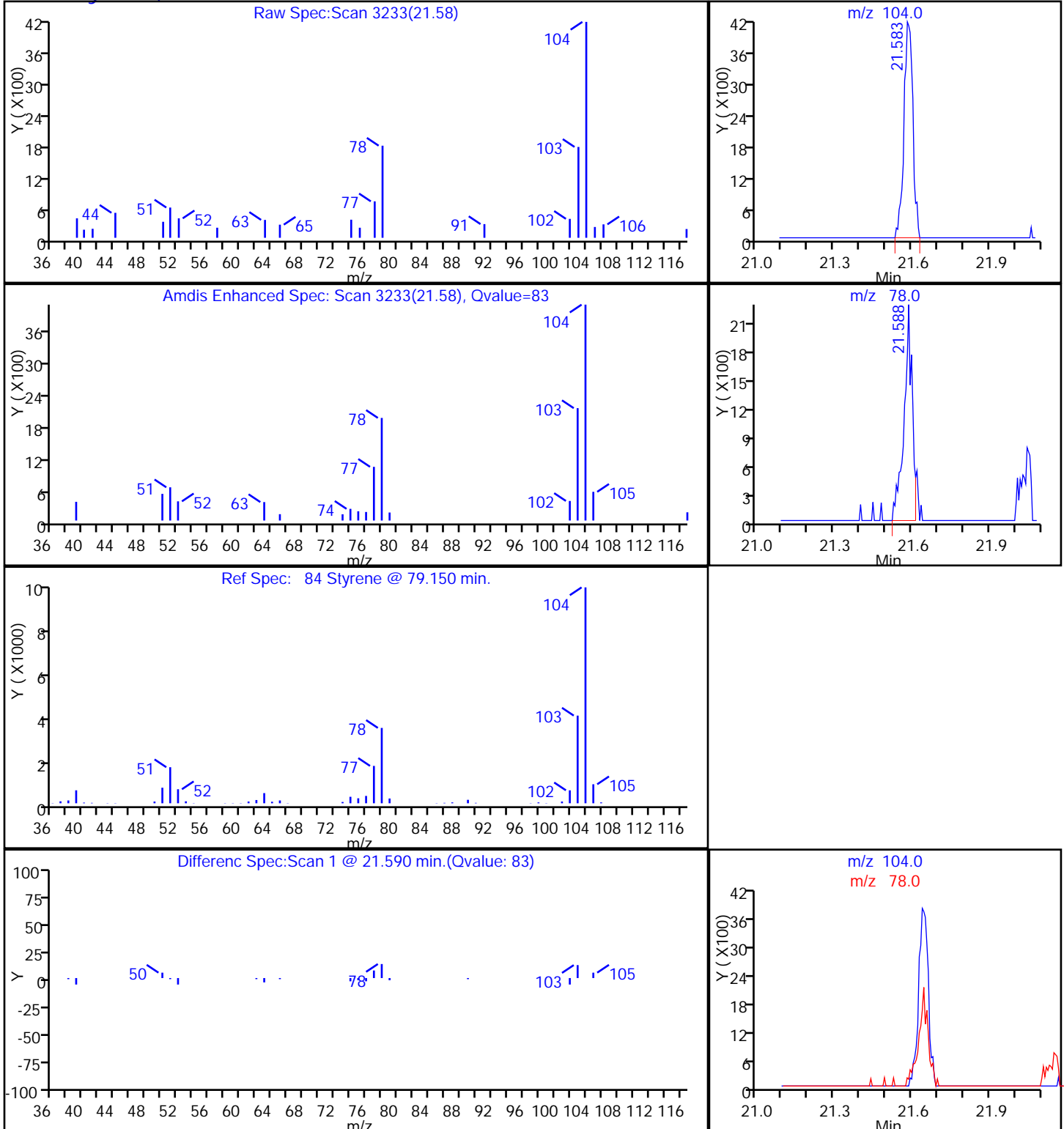
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d

Injection Date: 18-Feb-2014 03:13:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-11

Lab Sample ID: 200-20955-11

Client ID: IA-VMP-3D

Operator ID: bl

ALS Bottle#: 2

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

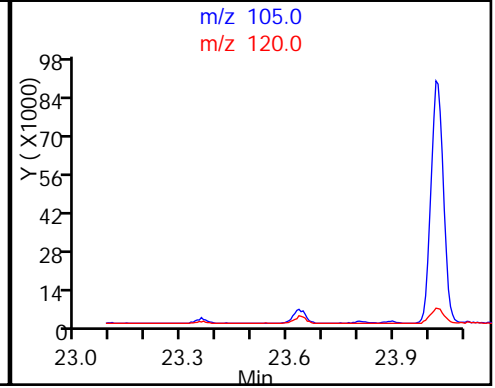
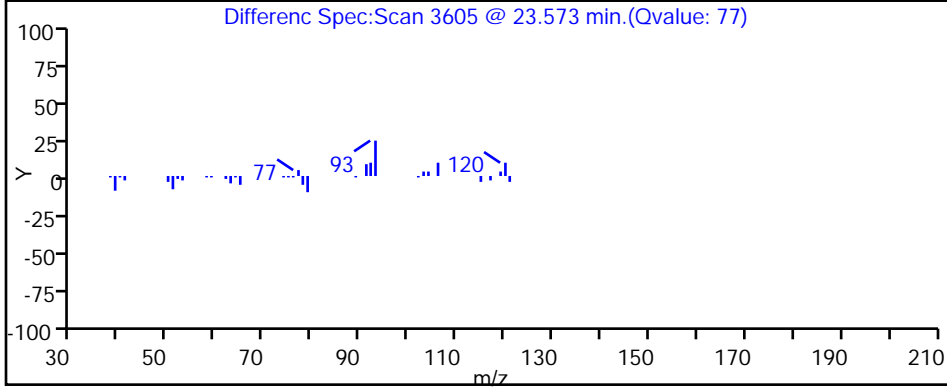
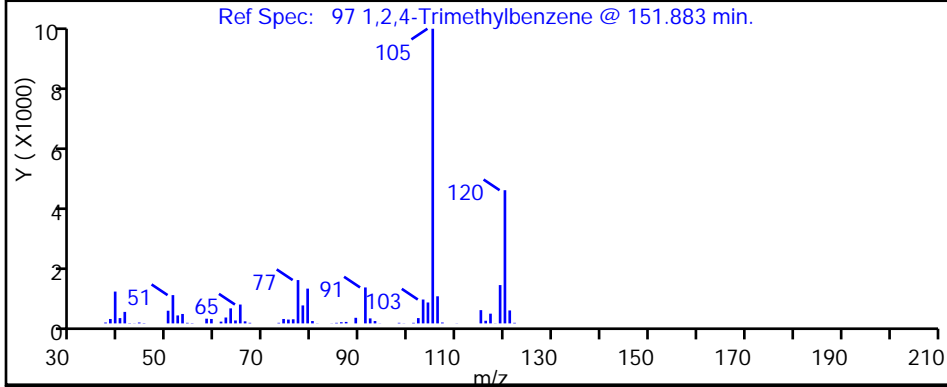
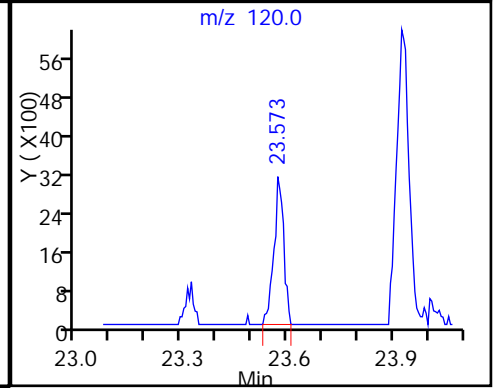
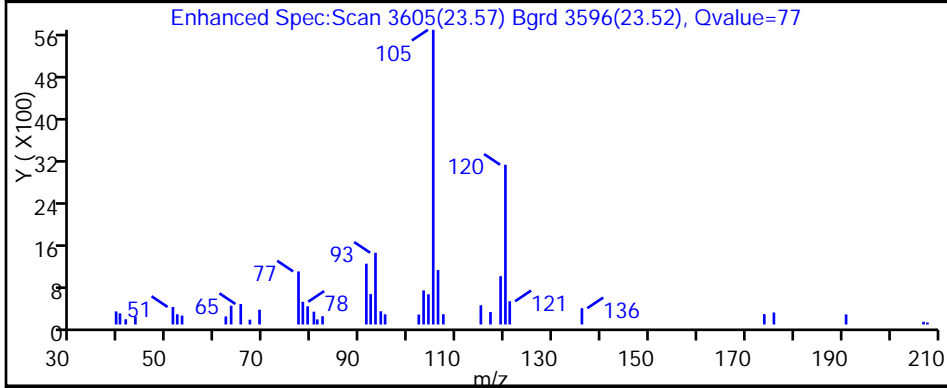
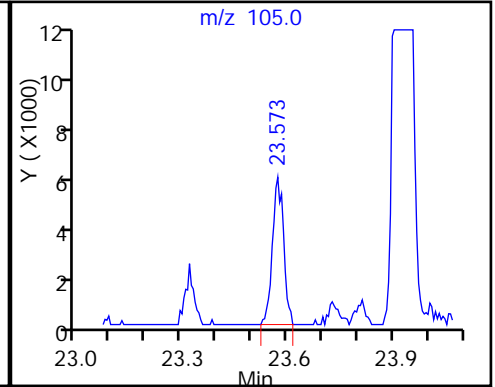
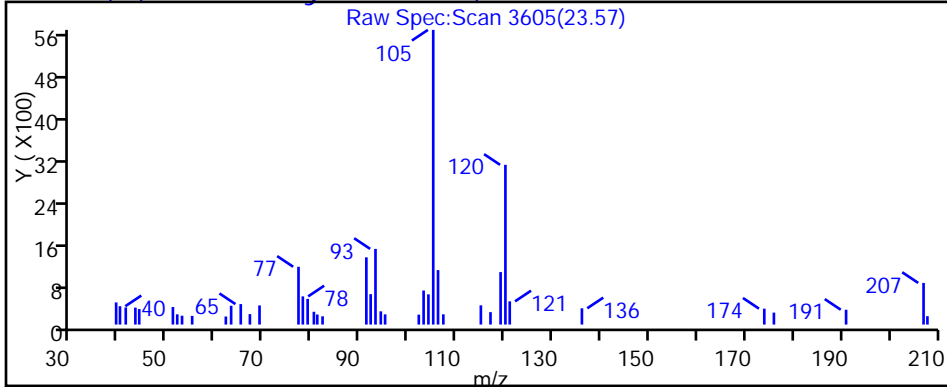
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



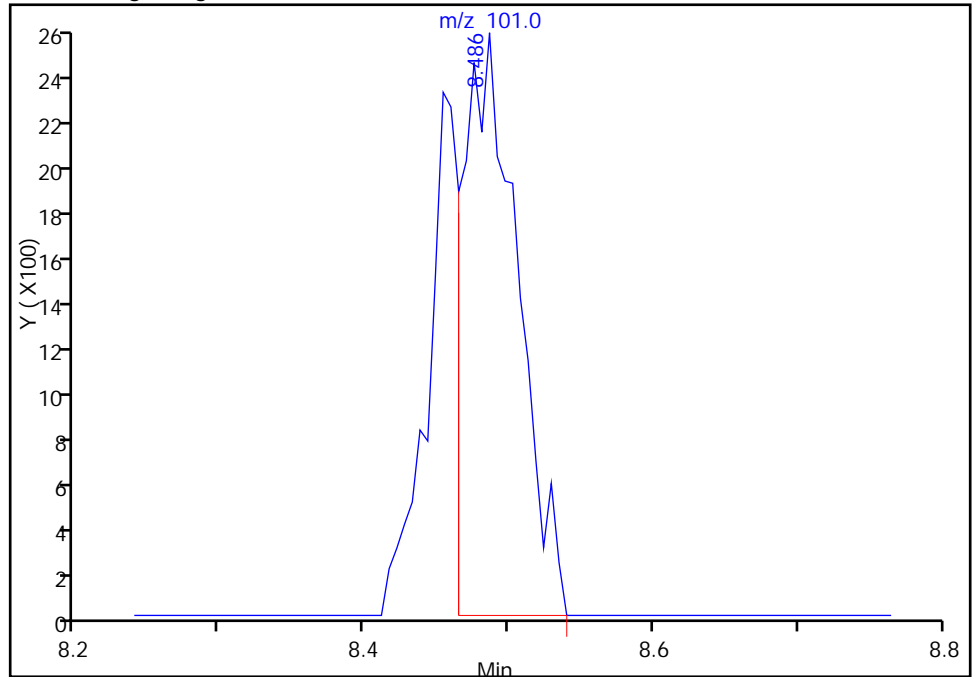
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

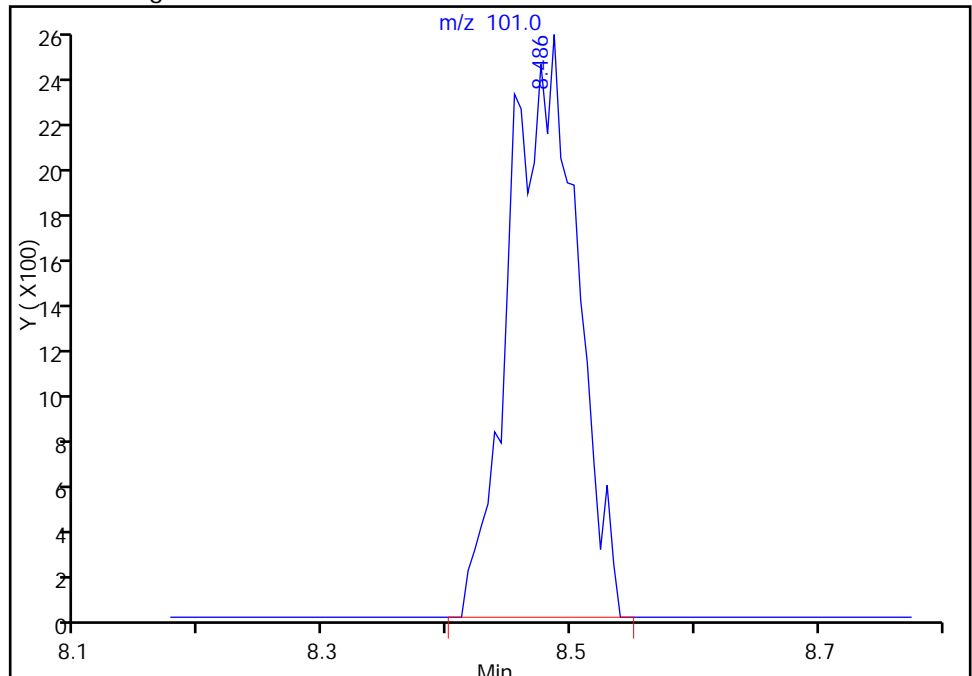
RT: 8.49
Response: 6728
Amount: 0.056816

Processing Integration Results



RT: 8.49
Response: 9602
Amount: 0.081086

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

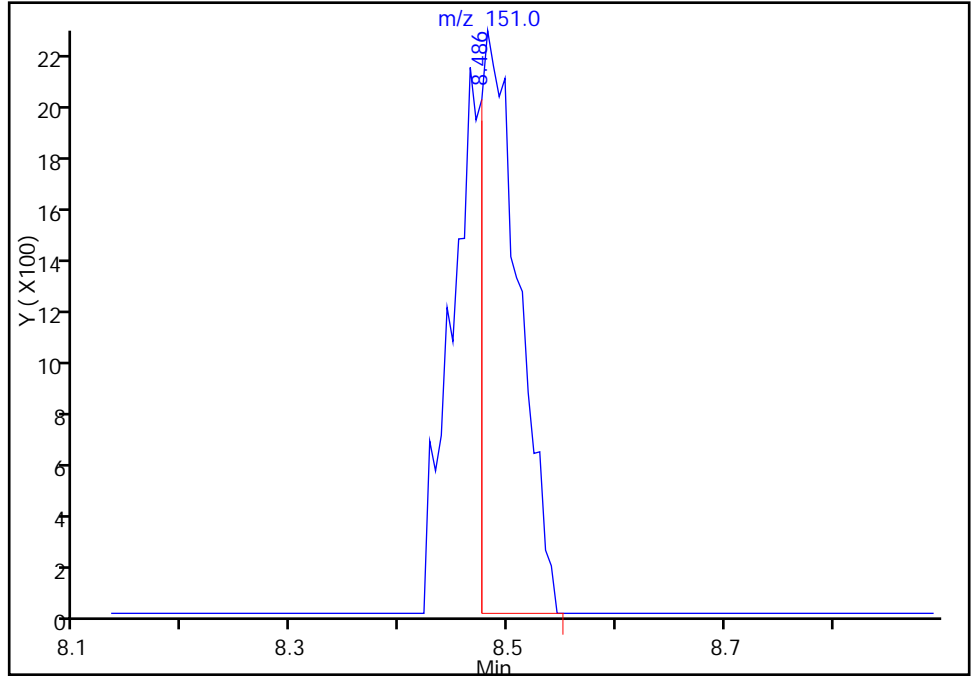
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

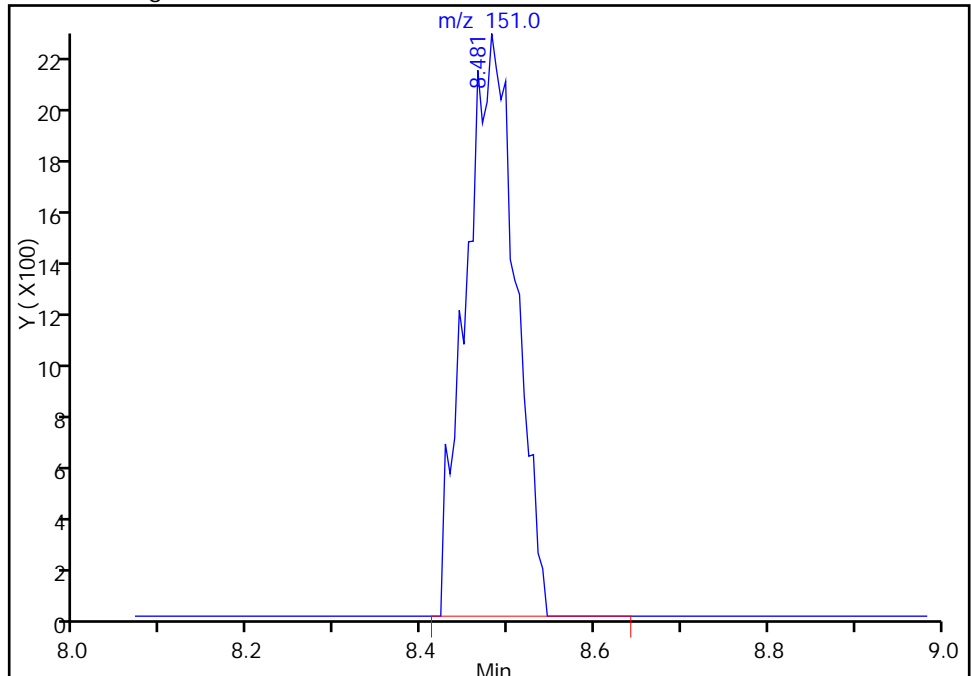
RT: 8.49
Response: 5366
Amount: 0.056816

Processing Integration Results



RT: 8.48
Response: 8883
Amount: 0.081086

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

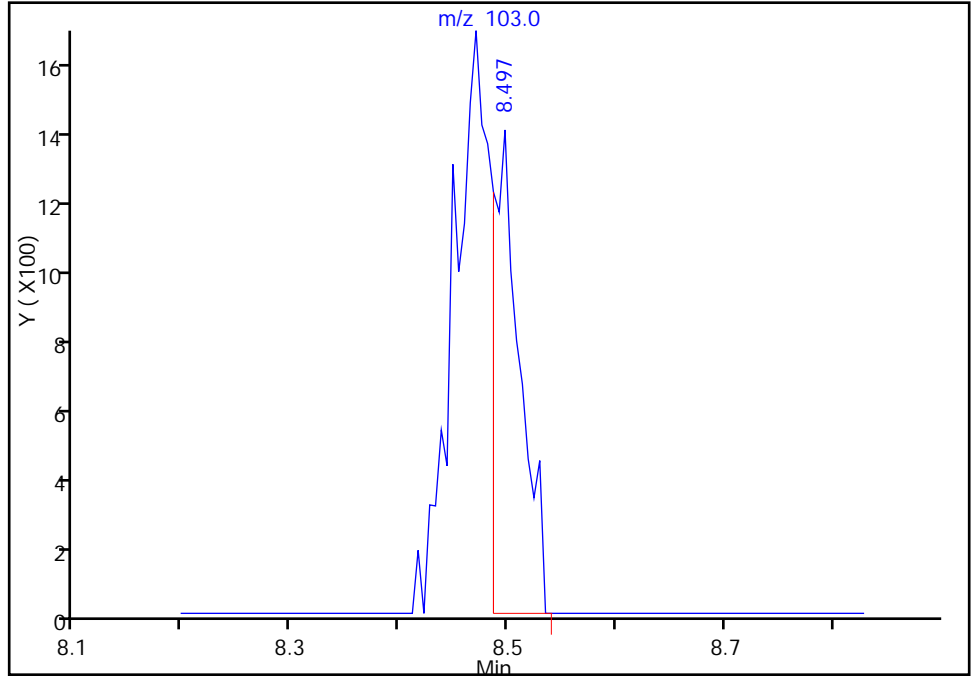
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

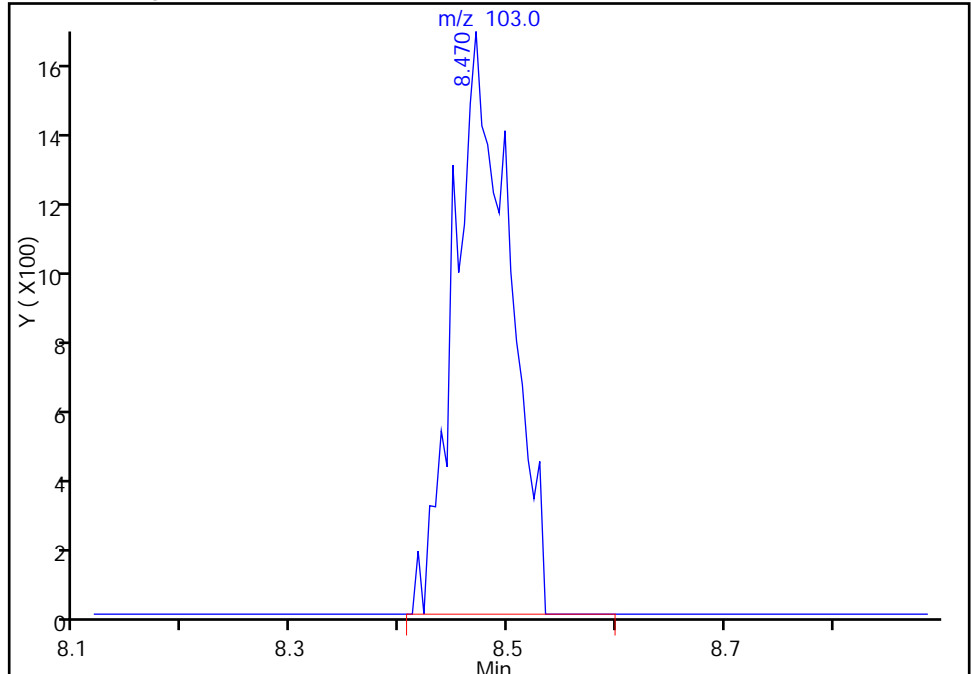
RT: 8.50
Response: 2330
Amount: 0.056816

Processing Integration Results



RT: 8.47
Response: 5809
Amount: 0.081086

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d				
Injection Date:	18-Feb-2014 03:13:30	Instrument ID:	CHW.i		
Lims ID:	200-20955-A-11	Lab Sample ID:	200-20955-11		
Client ID:	IA-VMP-3D				
Operator ID:	bl	ALS Bottle#:	2	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LLNJ_TO3_W_(v1)	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

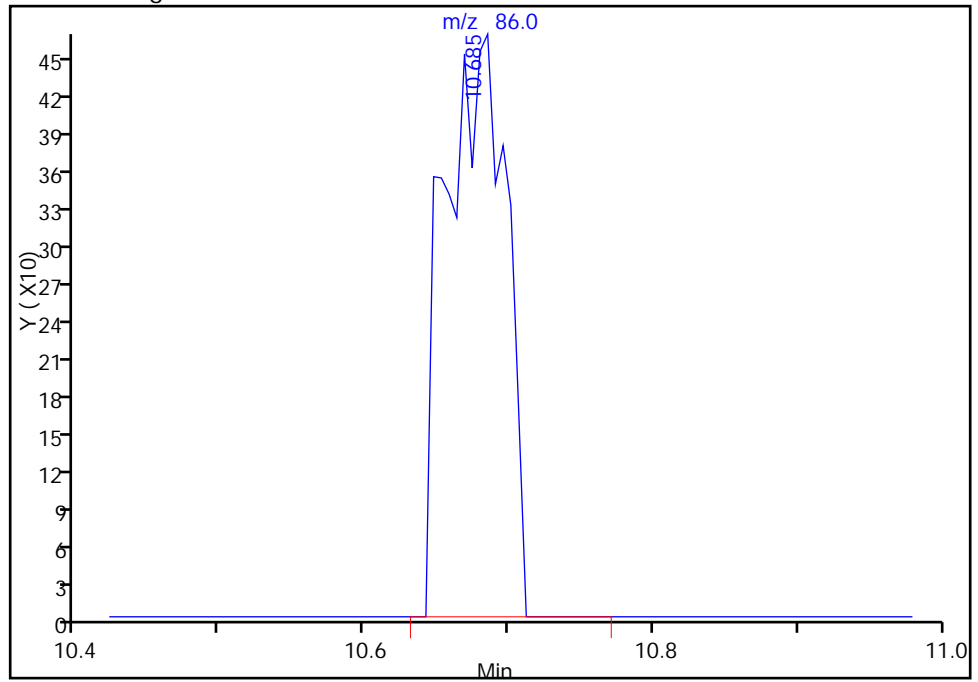
36 Hexane, CAS: 110-54-3

Processing Integration Results

RT: 10.65
Response: 0
Amount: 0.136829

RT: 10.69
Response: 1394
Amount: 0.136829

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

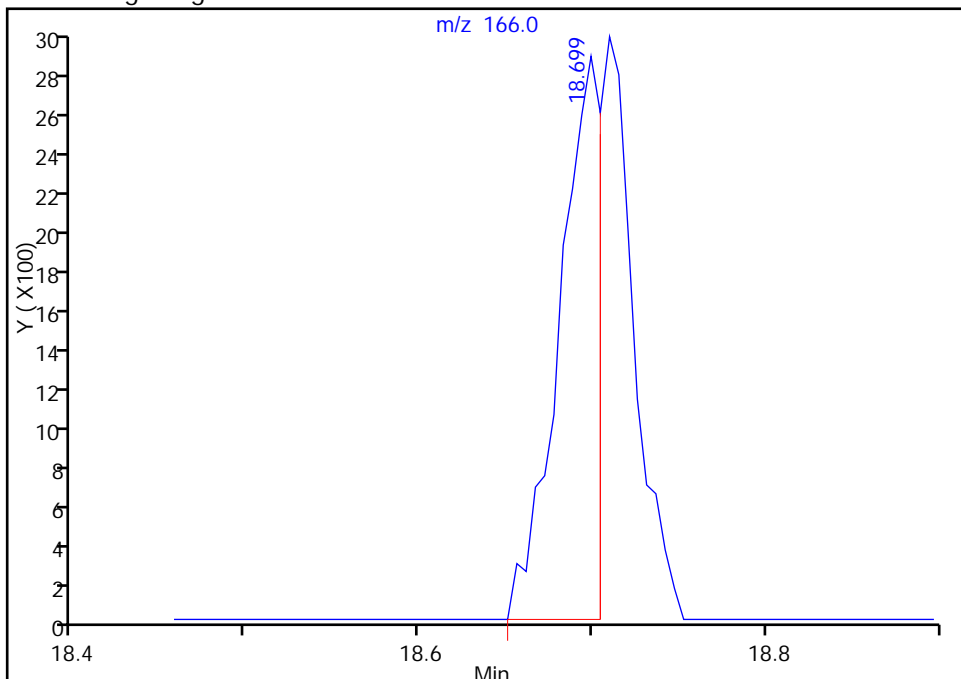
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

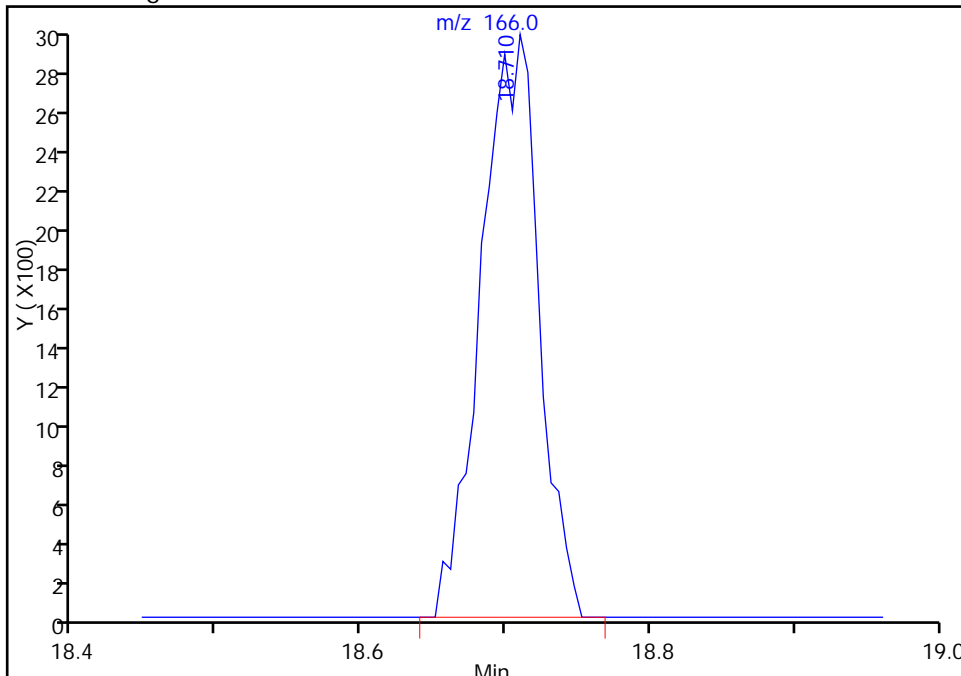
RT: 18.70
Response: 4739
Amount: 0.033535

Processing Integration Results



RT: 18.71
Response: 8091
Amount: 0.057255

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

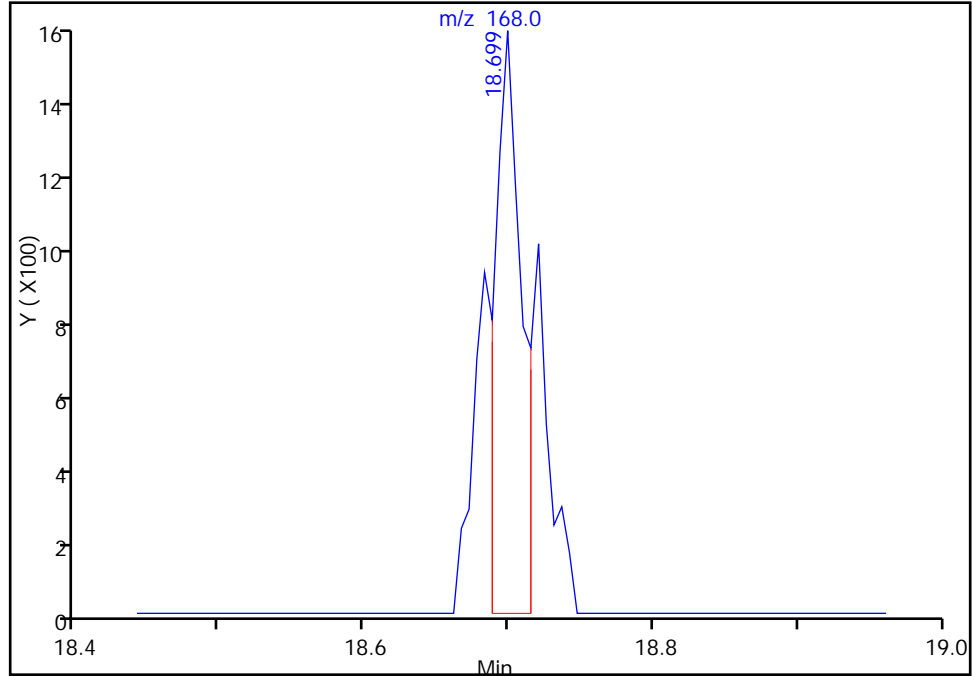
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

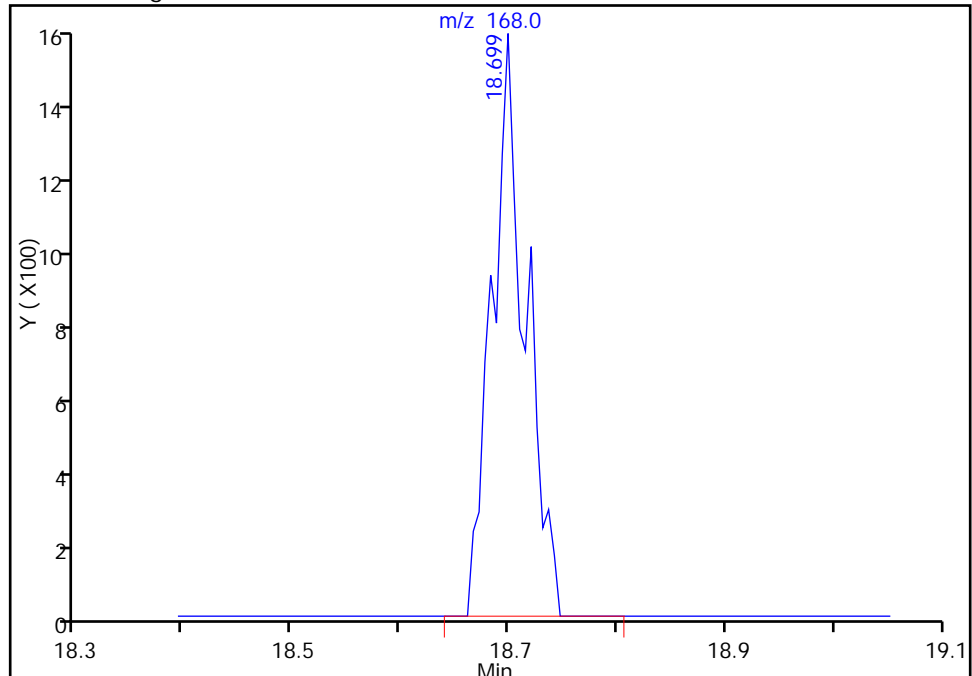
RT: 18.70
Response: 1927
Amount: 0.033535

Processing Integration Results



RT: 18.70
Response: 3256
Amount: 0.057255

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

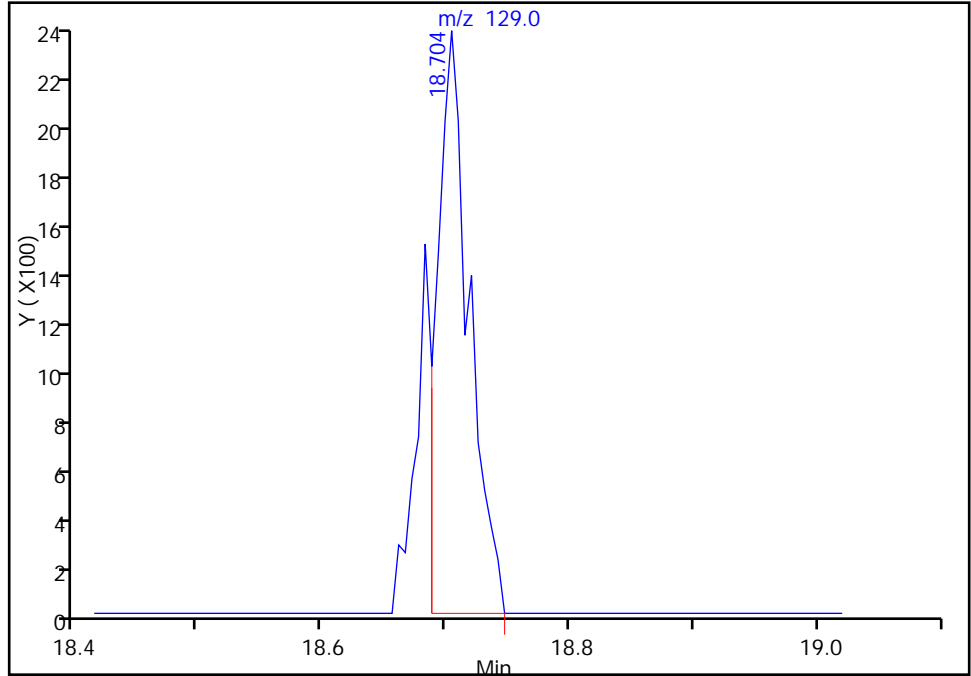
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

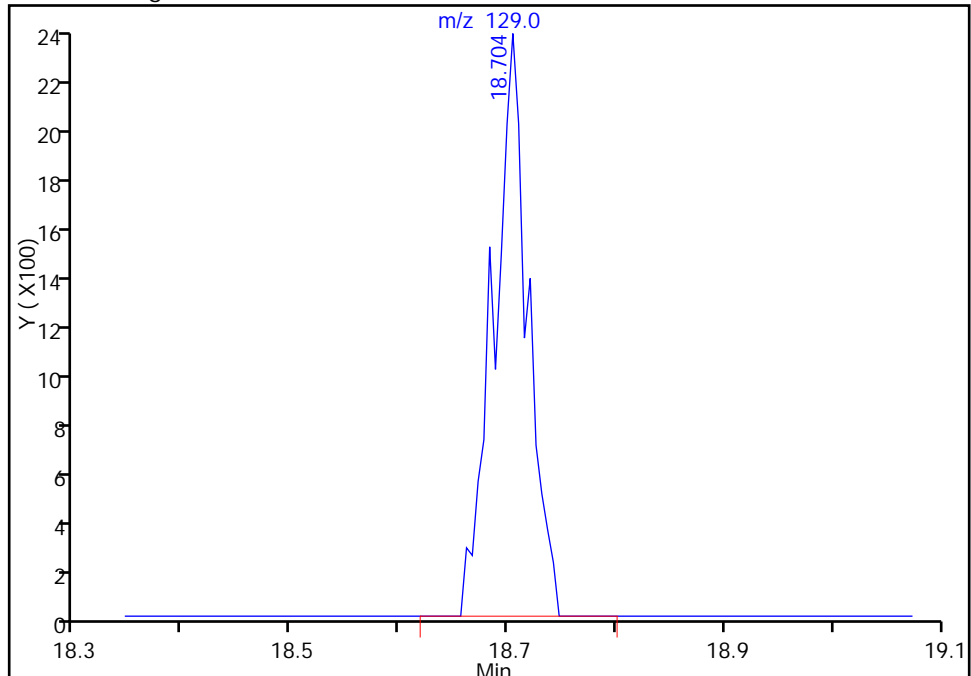
RT: 18.70
Response: 4105
Amount: 0.033535

Processing Integration Results



RT: 18.70
Response: 5136
Amount: 0.057255

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

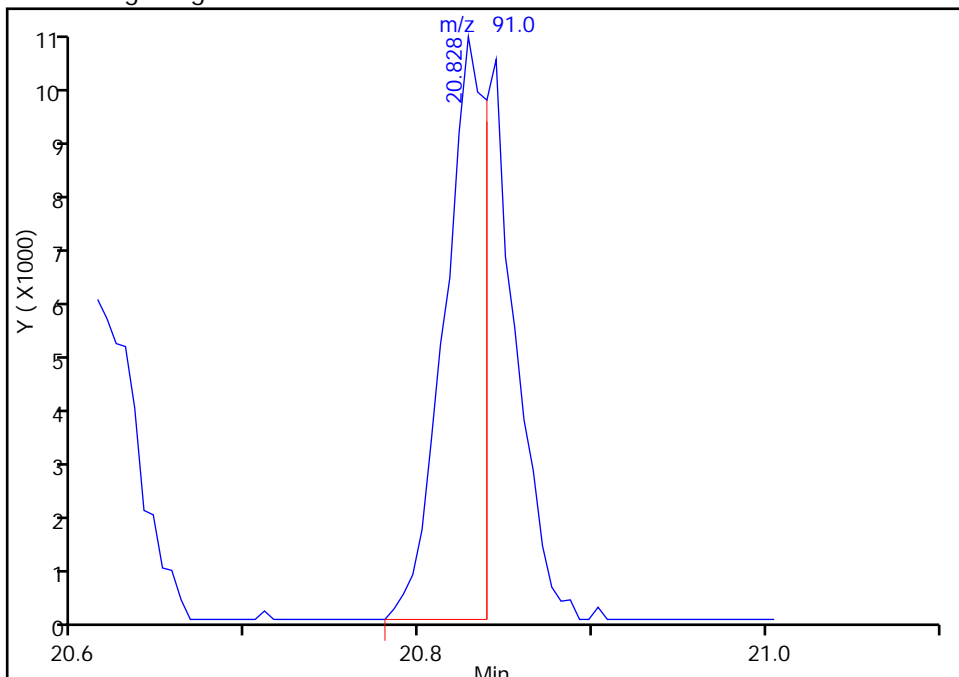
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1

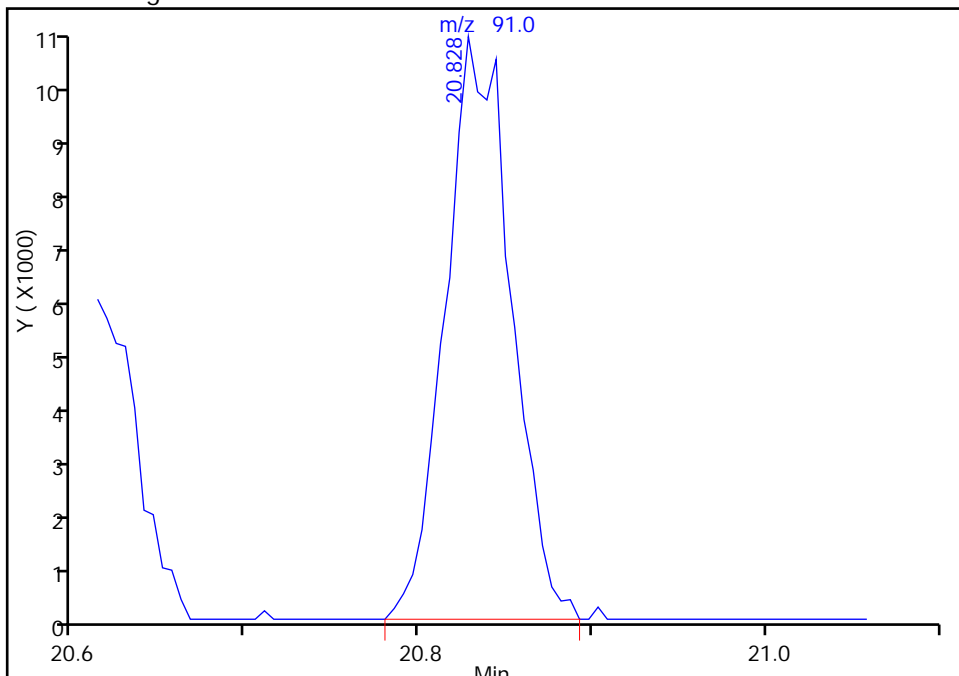
RT: 20.83
Response: 17816
Amount: 0.129224

Processing Integration Results



RT: 20.83
Response: 27680
Amount: 0.129224

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

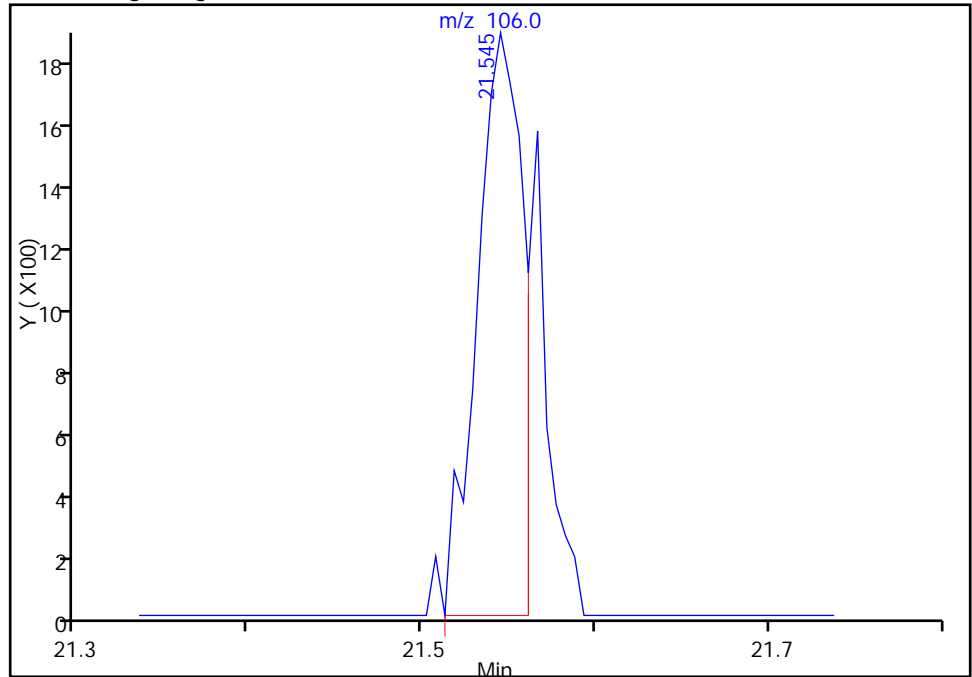
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_020.d
Injection Date: 18-Feb-2014 03:13:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-11 Lab Sample ID: 200-20955-11
Client ID: IA-VMP-3D
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6

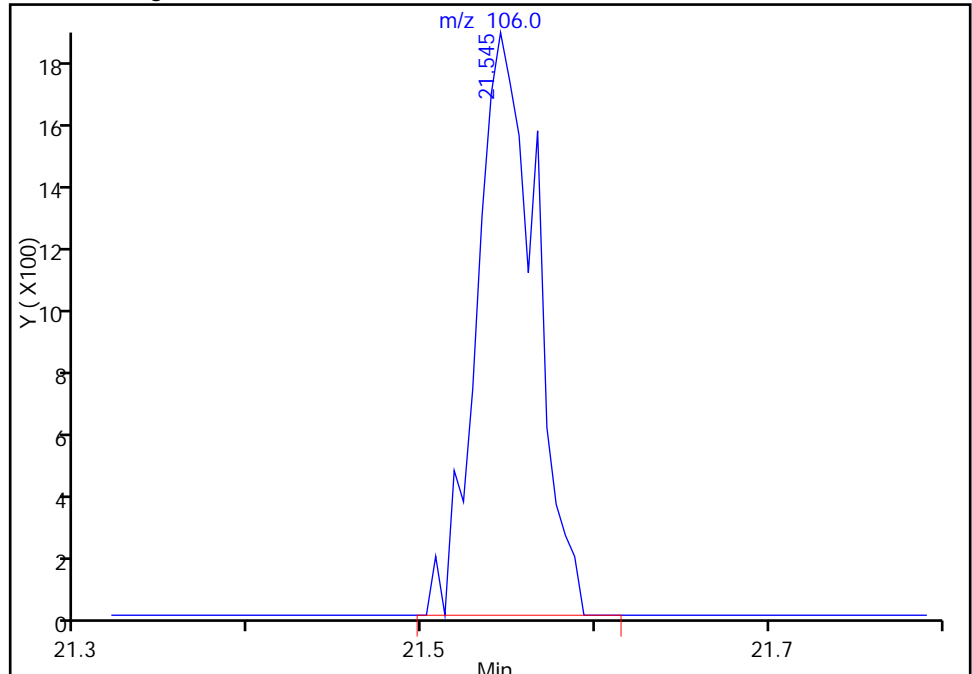
RT: 21.55
Response: 3441
Amount: 0.034070

Processing Integration Results



RT: 21.55
Response: 4450
Amount: 0.044060

Manual Integration Results



Reviewer: lyonsb, 18-Feb-2014 10:47:29
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5B Lab Sample ID: 200-20955-13
 Matrix: Air Lab File ID: 6267_023.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:14
 Sample wt/vol: 24 (mL) Date Analyzed: 02/22/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 13
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	6.5	U	6.5	0.39
75-45-6	Freon 22	86.47	2.4	J	6.5	0.62
76-14-2	Freon-114	170.92	2.6	U	2.6	0.46
74-87-3	Chloromethane	50.49	6.5	U	6.5	1.8
106-97-8	n-Butane	58.12	6.5	U	6.5	3.7
75-01-4	Vinyl chloride	62.50	0.52	U	0.52	0.49
106-99-0	1,3-Butadiene	54.09	2.6	U	2.6	0.55
74-83-9	Bromomethane	94.94	2.6	U	2.6	0.36
75-00-3	Chloroethane	64.52	6.5	U	6.5	0.39
593-60-2	Vinyl bromide	106.96	2.6	U	2.6	0.39
75-69-4	Freon 11	137.37	2.6	U	2.6	0.39
76-13-1	Freon 113	187.38	2.6	U	2.6	0.23
75-35-4	1,1-Dichloroethene	96.94	2.6	U	2.6	0.31
67-64-1	Acetone	58.08	65	U	65	16
67-63-0	Isopropyl alcohol	60.10	300		65	2.8
75-15-0	Carbon disulfide	76.14	6.5	U	6.5	0.86
107-05-1	Allyl chloride	76.53	6.5	U	6.5	0.44
75-09-2	Methylene Chloride	84.93	420		6.5	1.6
75-65-0	tert-Butyl alcohol	74.12	65	U	65	4.3
1634-04-4	Methyl tert-butyl ether	88.15	2.6	U	2.6	0.29
156-60-5	trans-1,2-Dichloroethene	96.94	2.6	U	2.6	0.38
110-54-3	Hexane	86.17	2.6	U	2.6	0.44
75-34-3	1,1-Dichloroethane	98.96	2.6	U	2.6	0.49
78-93-3	Methyl Ethyl Ketone	72.11	6.5	U	6.5	3.1
156-59-2	cis-1,2-Dichloroethene	96.94	2.6	U	2.6	0.49
540-59-0	1,2-Dichloroethene, Total	96.94	2.6	U	2.6	0.83
67-66-3	Chloroform	119.38	2.6	U	2.6	0.33
109-99-9	Tetrahydrofuran	72.11	6.6	J	65	0.60
71-55-6	1,1,1-Trichloroethane	133.41	2.6	U	2.6	0.27
110-82-7	Cyclohexane	84.16	2.4	J	2.6	0.33
56-23-5	Carbon tetrachloride	153.81	0.52	U	0.52	0.27
540-84-1	2,2,4-Trimethylpentane	114.23	2.6	U	2.6	0.35
71-43-2	Benzene	78.11	2.6	U	2.6	0.25
107-06-2	1,2-Dichloroethane	98.96	2.6	U	2.6	0.22
142-82-5	Heptane	100.21	2.6	U	2.6	0.60

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5B Lab Sample ID: 200-20955-13
 Matrix: Air Lab File ID: 6267_023.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:14
 Sample wt/vol: 24 (mL) Date Analyzed: 02/22/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 13
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.52	U	0.52	0.31
80-62-6	Methyl methacrylate	100.12	6.5	U	6.5	0.39
78-87-5	1,2-Dichloropropane	112.99	2.6	U	2.6	0.42
123-91-1	1,4-Dioxane	88.11	65	U	65	2.6
75-27-4	Bromodichloromethane	163.83	2.6	U	2.6	0.22
10061-01-5	cis-1,3-Dichloropropene	110.97	2.6	U	2.6	0.36
108-10-1	methyl isobutyl ketone	100.16	6.5	U	6.5	0.35
108-88-3	Toluene	92.14	1.4	J	2.6	0.22
10061-02-6	trans-1,3-Dichloropropene	110.97	2.6	U	2.6	0.29
79-00-5	1,1,2-Trichloroethane	133.41	2.6	U	2.6	0.22
127-18-4	Tetrachloroethene	165.83	2.6	U	2.6	0.21
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	6.5	U	6.5	2.6
124-48-1	Dibromochloromethane	208.29	2.6	U	2.6	0.26
106-93-4	1,2-Dibromoethane	187.87	2.6	U	2.6	0.26
108-90-7	Chlorobenzene	112.56	2.6	U	2.6	0.11
100-41-4	Ethylbenzene	106.17	2.6	U	2.6	0.17
179601-23-1	m,p-Xylene	106.17	6.5	U	6.5	0.30
95-47-6	Xylene, o-	106.17	2.6	U	2.6	0.21
1330-20-7	Xylene (total)	106.17	2.6	U	2.6	0.44
100-42-5	Styrene	104.15	2.6	U	2.6	0.23
75-25-2	Bromoform	252.75	2.6	U	2.6	0.13
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.6	U	2.6	0.21
103-65-1	n-Propylbenzene	120.19	2.6	U	2.6	1.0
622-96-8	4-Ethyltoluene	120.20	2.6	U	2.6	0.23
108-67-8	1,3,5-Trimethylbenzene	120.20	2.6	U	2.6	0.16
95-49-8	2-Chlorotoluene	126.59	2.6	U	2.6	0.17
98-06-6	tert-Butylbenzene	134.22	2.6	U	2.6	0.22
95-63-6	1,2,4-Trimethylbenzene	120.20	2.6	U	2.6	0.18
135-98-8	sec-Butylbenzene	134.22	2.6	U	2.6	1.0
99-87-6	4-Isopropyltoluene	134.22	2.6	U	2.6	1.0
541-73-1	1,3-Dichlorobenzene	147.00	2.6	U	2.6	0.18
106-46-7	1,4-Dichlorobenzene	147.00	2.6	U	2.6	0.18
100-44-7	Benzyl chloride	126.58	2.6	U	2.6	1.0
104-51-8	n-Butylbenzene	134.22	2.6	U	2.6	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5B Lab Sample ID: 200-20955-13
 Matrix: Air Lab File ID: 6267_023.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:14
 Sample wt/vol: 24(mL) Date Analyzed: 02/22/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 13
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.6	U	2.6	0.18
120-82-1	1,2,4-Trichlorobenzene	181.45	6.5	U	6.5	0.35
87-68-3	Hexachloro-1,3-butadiene	260.76	2.6	U	2.6	0.29
91-20-3	Naphthalene	128.17	6.5	U	6.5	2.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5B Lab Sample ID: 200-20955-13
 Matrix: Air Lab File ID: 6267_023.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:14
 Sample wt/vol: 24 (mL) Date Analyzed: 02/22/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 13
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	32	U	32	1.9
75-45-6	Freon 22	86.47	8.5	J	23	2.2
76-14-2	Freon-114	170.92	18	U	18	3.2
74-87-3	Chloromethane	50.49	13	U	13	3.7
106-97-8	n-Butane	58.12	15	U	15	8.7
75-01-4	Vinyl chloride	62.50	1.3	U	1.3	1.3
106-99-0	1,3-Butadiene	54.09	5.8	U	5.8	1.2
74-83-9	Bromomethane	94.94	10	U	10	1.4
75-00-3	Chloroethane	64.52	17	U	17	1.0
593-60-2	Vinyl bromide	106.96	11	U	11	1.7
75-69-4	Freon 11	137.37	15	U	15	2.2
76-13-1	Freon 113	187.38	20	U	20	1.8
75-35-4	1,1-Dichloroethene	96.94	10	U	10	1.2
67-64-1	Acetone	58.08	150	U	150	39
67-63-0	Isopropyl alcohol	60.10	740		160	6.9
75-15-0	Carbon disulfide	76.14	20	U	20	2.7
107-05-1	Allyl chloride	76.53	20	U	20	1.4
75-09-2	Methylene Chloride	84.93	1500		23	5.6
75-65-0	tert-Butyl alcohol	74.12	200	U	200	13
1634-04-4	Methyl tert-butyl ether	88.15	9.4	U	9.4	1.0
156-60-5	trans-1,2-Dichloroethene	96.94	10	U	10	1.5
110-54-3	Hexane	86.17	9.2	U	9.2	1.6
75-34-3	1,1-Dichloroethane	98.96	11	U	11	2.0
78-93-3	Methyl Ethyl Ketone	72.11	19	U	19	9.3
156-59-2	cis-1,2-Dichloroethene	96.94	10	U	10	2.0
540-59-0	1,2-Dichloroethene, Total	96.94	10	U	10	3.3
67-66-3	Chloroform	119.38	13	U	13	1.6
109-99-9	Tetrahydrofuran	72.11	19	J	190	1.8
71-55-6	1,1,1-Trichloroethane	133.41	14	U	14	1.5
110-82-7	Cyclohexane	84.16	8.3	J	8.9	1.1
56-23-5	Carbon tetrachloride	153.81	3.3	U	3.3	1.7
540-84-1	2,2,4-Trimethylpentane	114.23	12	U	12	1.6
71-43-2	Benzene	78.11	8.3	U	8.3	0.79
107-06-2	1,2-Dichloroethane	98.96	11	U	11	0.89
142-82-5	Heptane	100.21	11	U	11	2.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5B Lab Sample ID: 200-20955-13
 Matrix: Air Lab File ID: 6267_023.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:14
 Sample wt/vol: 24 (mL) Date Analyzed: 02/22/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 13
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.8	U	2.8	1.7
80-62-6	Methyl methacrylate	100.12	27	U	27	1.6
78-87-5	1,2-Dichloropropane	112.99	12	U	12	1.9
123-91-1	1,4-Dioxane	88.11	230	U	230	9.4
75-27-4	Bromodichloromethane	163.83	17	U	17	1.5
10061-01-5	cis-1,3-Dichloropropene	110.97	12	U	12	1.7
108-10-1	methyl isobutyl ketone	100.16	27	U	27	1.4
108-88-3	Toluene	92.14	5.4	J	9.8	0.83
10061-02-6	trans-1,3-Dichloropropene	110.97	12	U	12	1.3
79-00-5	1,1,2-Trichloroethane	133.41	14	U	14	1.2
127-18-4	Tetrachloroethene	165.83	18	U	18	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	27	U	27	11
124-48-1	Dibromochloromethane	208.29	22	U	22	2.2
106-93-4	1,2-Dibromoethane	187.87	20	U	20	2.0
108-90-7	Chlorobenzene	112.56	12	U	12	0.48
100-41-4	Ethylbenzene	106.17	11	U	11	0.73
179601-23-1	m,p-Xylene	106.17	28	U	28	1.3
95-47-6	Xylene, o-	106.17	11	U	11	0.90
1330-20-7	Xylene (total)	106.17	11	U	11	1.9
100-42-5	Styrene	104.15	11	U	11	1.0
75-25-2	Bromoform	252.75	27	U	27	1.3
79-34-5	1,1,2,2-Tetrachloroethane	167.85	18	U	18	1.4
103-65-1	n-Propylbenzene	120.19	13	U	13	5.1
622-96-8	4-Ethyltoluene	120.20	13	U	13	1.2
108-67-8	1,3,5-Trimethylbenzene	120.20	13	U	13	0.77
95-49-8	2-Chlorotoluene	126.59	13	U	13	0.87
98-06-6	tert-Butylbenzene	134.22	14	U	14	1.2
95-63-6	1,2,4-Trimethylbenzene	120.20	13	U	13	0.89
135-98-8	sec-Butylbenzene	134.22	14	U	14	5.7
99-87-6	4-Isopropyltoluene	134.22	14	U	14	5.7
541-73-1	1,3-Dichlorobenzene	147.00	16	U	16	1.1
106-46-7	1,4-Dichlorobenzene	147.00	16	U	16	1.1
100-44-7	Benzyl chloride	126.58	13	U	13	5.4
104-51-8	n-Butylbenzene	134.22	14	U	14	5.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5B Lab Sample ID: 200-20955-13
 Matrix: Air Lab File ID: 6267_023.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:14
 Sample wt/vol: 24(mL) Date Analyzed: 02/22/2014 04:38
 Soil Aliquot Vol: _____ Dilution Factor: 13
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	16	U	16	1.1
120-82-1	1,2,4-Trichlorobenzene	181.45	48	U	48	2.6
87-68-3	Hexachloro-1,3-butadiene	260.76	28	U	28	3.1
91-20-3	Naphthalene	128.17	34	U	34	14

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D
 Lims ID: 200-20955-A-13 Lab Sample ID: 200-20955-13
 Client ID: IA-VMP-5B
 Sample Type: Client
 Inject. Date: 22-Feb-2014 04:38:30 ALS Bottle#: 20 Worklist Smp#: 23
 Purge Vol: 200.000 mL Dil. Factor: 13.0000
 Sample Info: 200-0006267-023
 Misc. Info.: 20955-13
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:48:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.127					
6 Chlorodifluoromethane	51	3.181	3.181	0.001	87	14557	0.1841	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	1104267	23.3	
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	1524793	32.2	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72		10.135					
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	669630	10.0	
44 Tetrahydrofuran	42	10.579	10.579	0.0	84	23074	0.5084	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.991	10.991	0.0	67	17639	0.1852	
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48						
	50						
	51						
	52						
	53						
*	54			114	12.618	12.623	-0.005 91 3815744 10.0
	56						
	58						
	59						
	60						
	62						
	64						
	65						
	66			92	15.843	15.849	-0.006 91 29251 0.1100
	70						
	71						
	72						
	73						
	74						
	75						
*	76			117	18.780	18.786	-0.006 81 3629925 10.0
	77						
	78						
	80						
S	82						
	83						
	84						
	85						
\$	87			95	21.107	21.107	0.0 99 1731005 NC
	88						
	90						
	92						
	91						
	94						
	96						
	97						
	98						
	99						
	100						
	101						
	102						
	103						
	105						
	107						
	108						
	109						

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Worklist Smp#: 23

Client ID: IA-VMP-5B

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

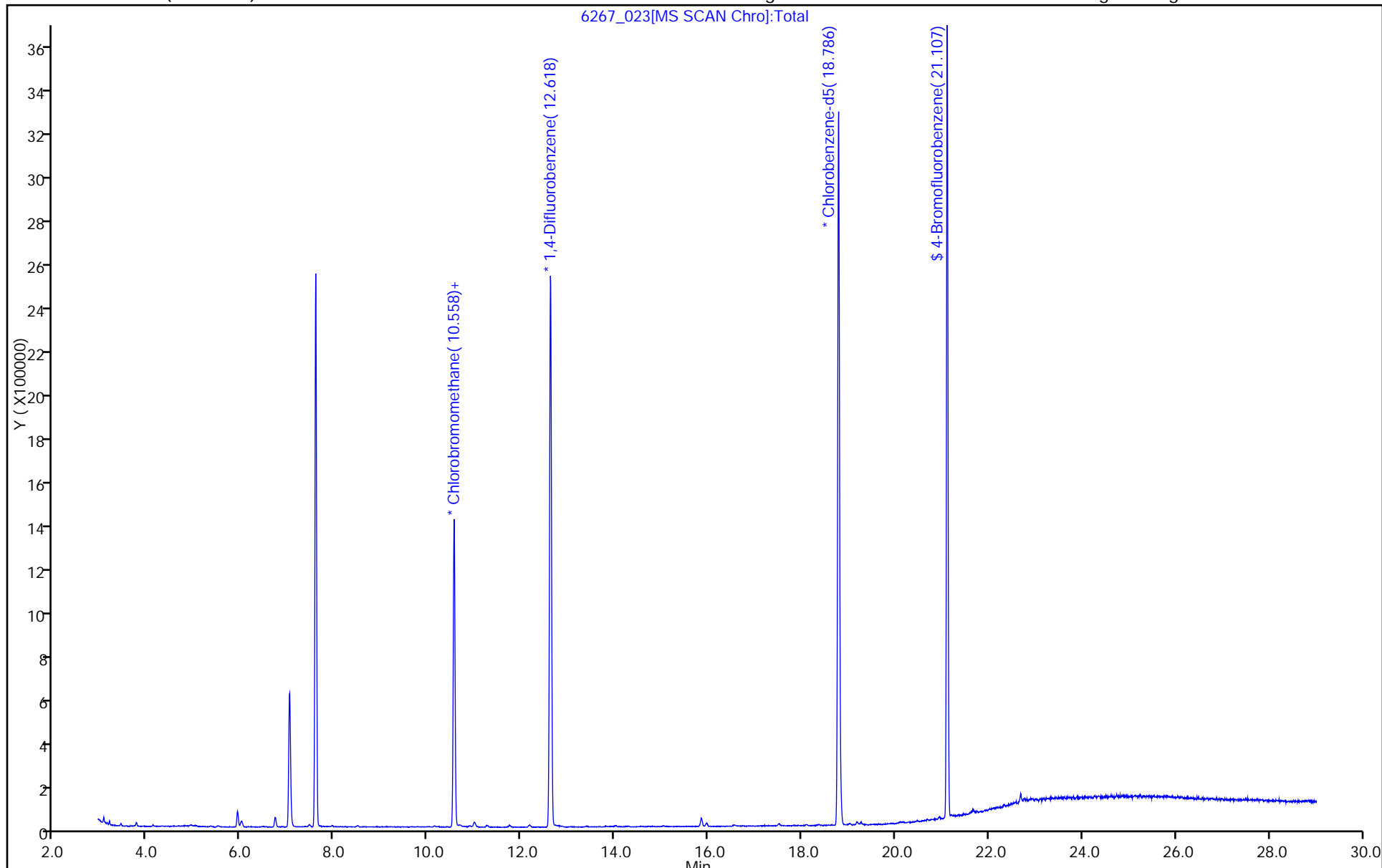
ALS Bottle#: 20

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Client ID: IA-VMP-5B

Operator ID: bl

ALS Bottle#: 20

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

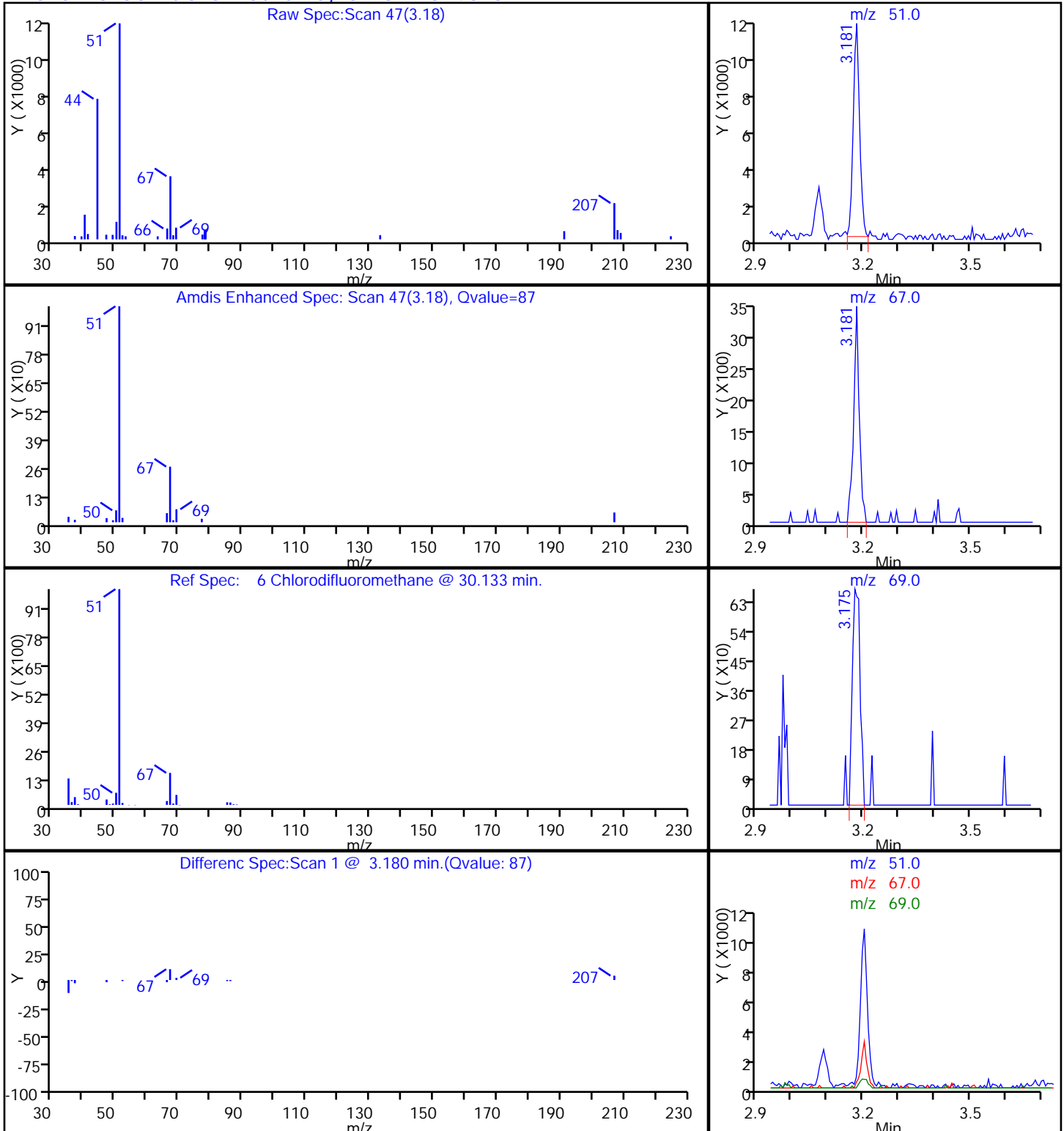
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Client ID: IA-VMP-5B

Operator ID: bl

ALS Bottle#: 20

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

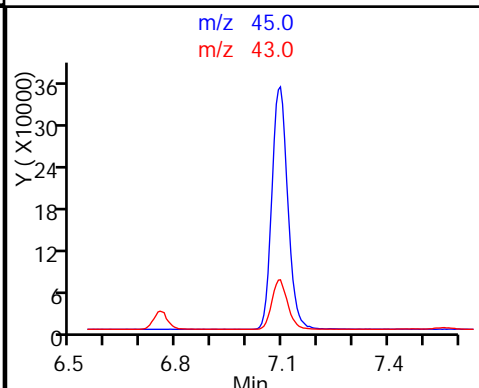
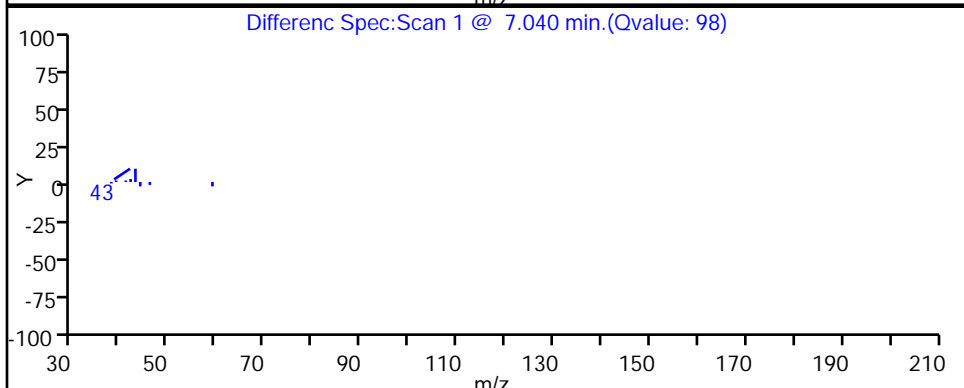
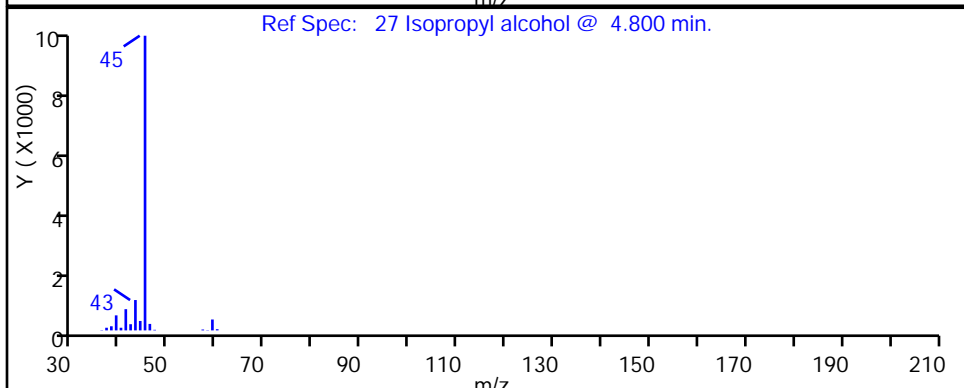
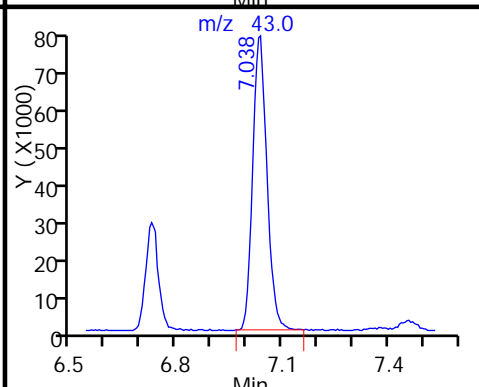
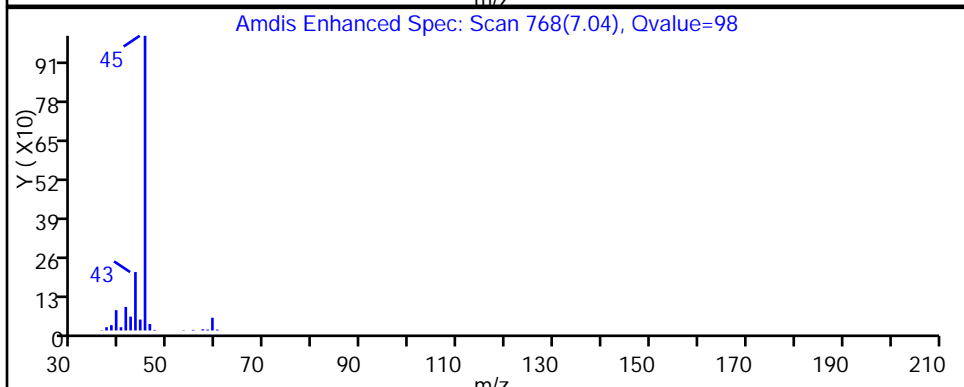
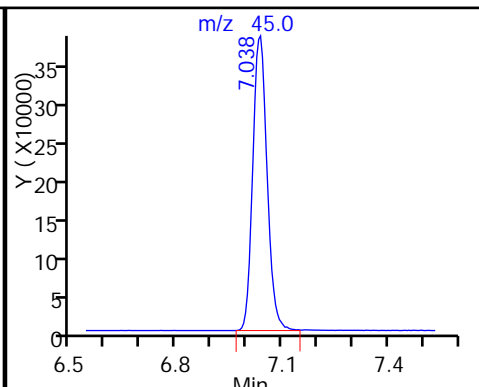
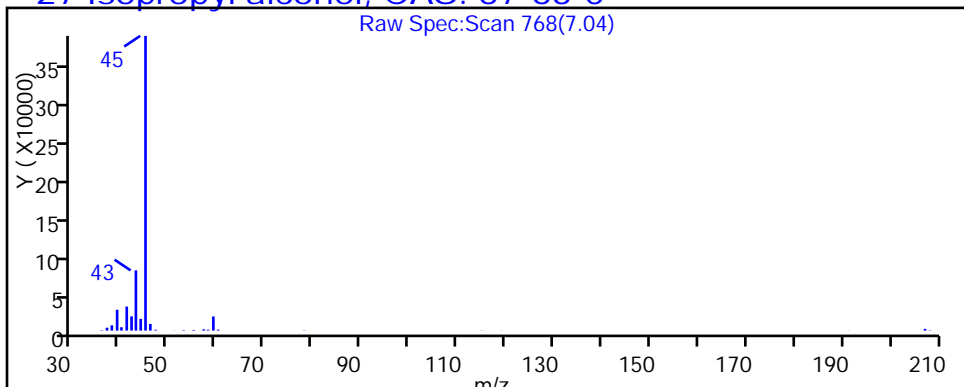
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Client ID: IA-VMP-5B

Operator ID: bl

ALS Bottle#: 20

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

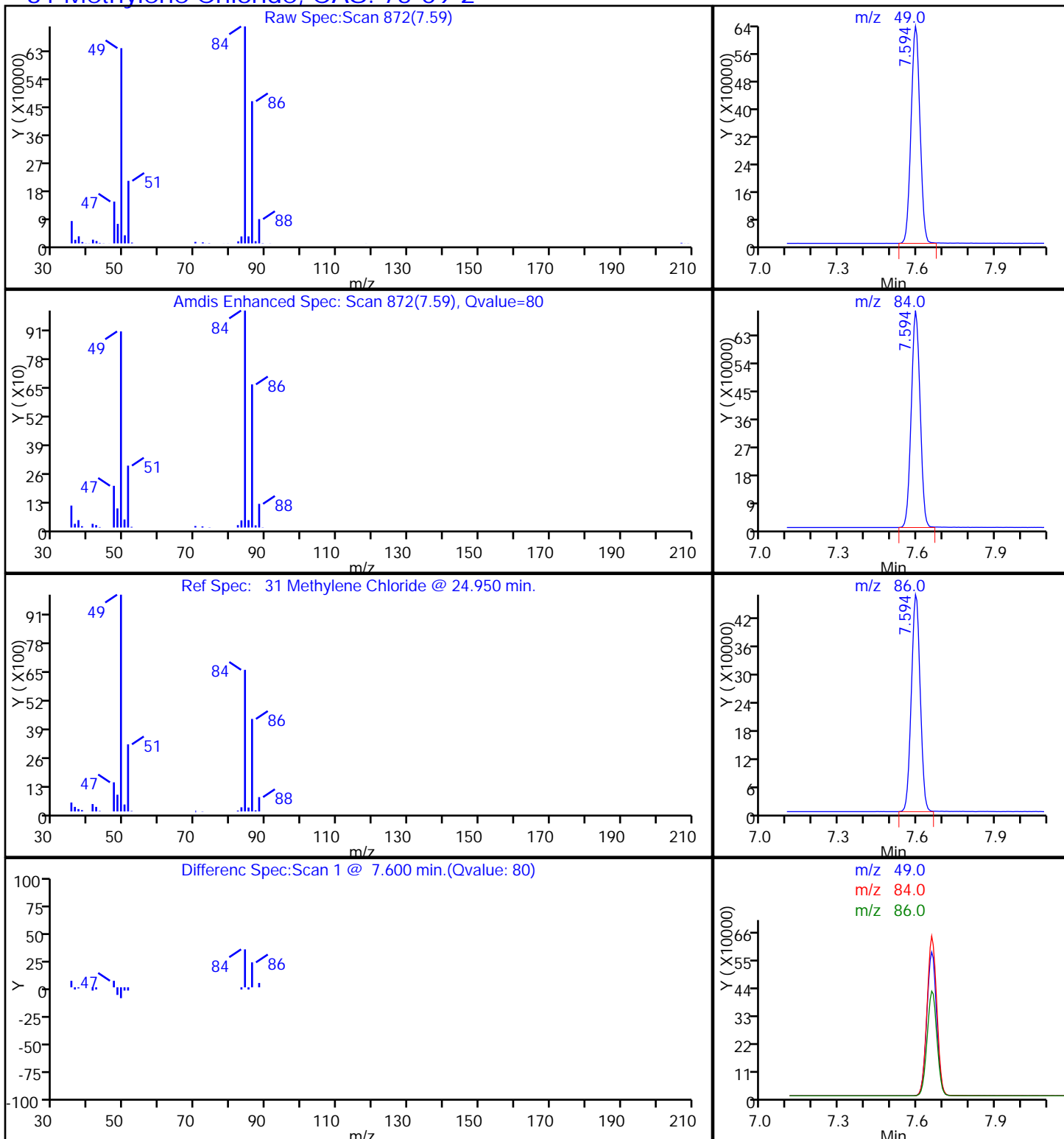
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Client ID: IA-VMP-5B

Operator ID: bl

ALS Bottle#: 20

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

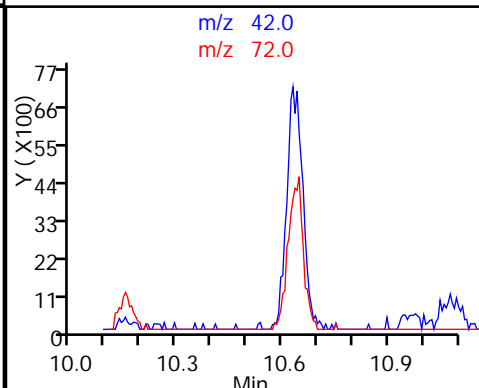
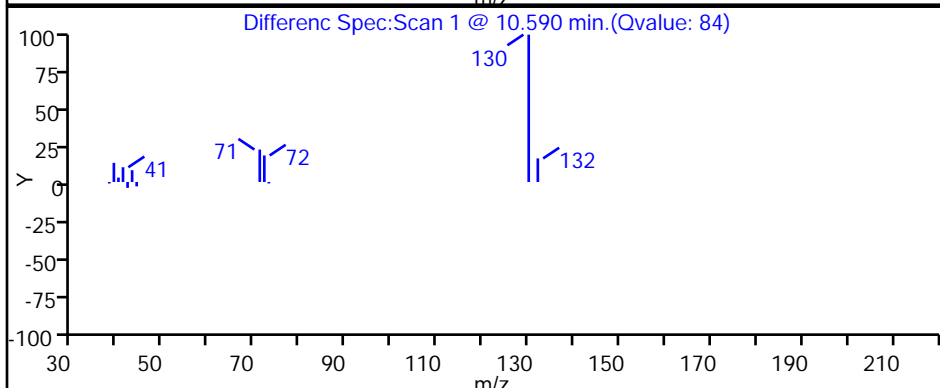
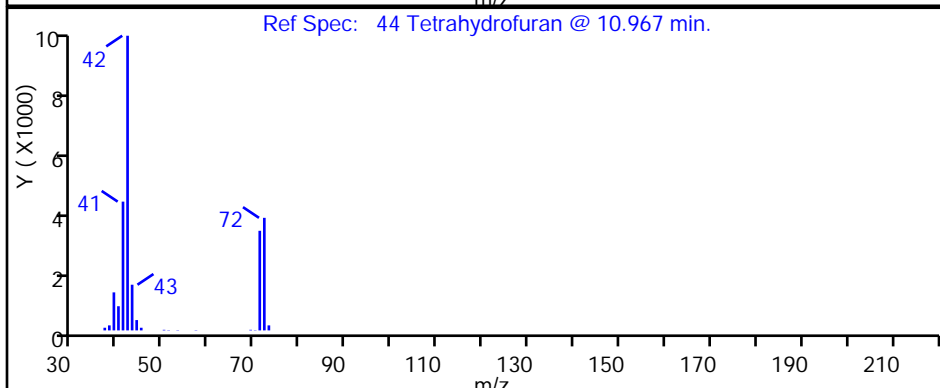
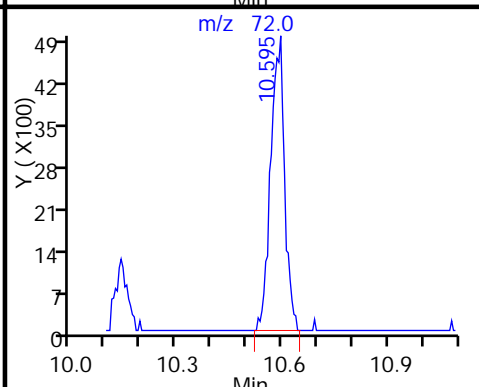
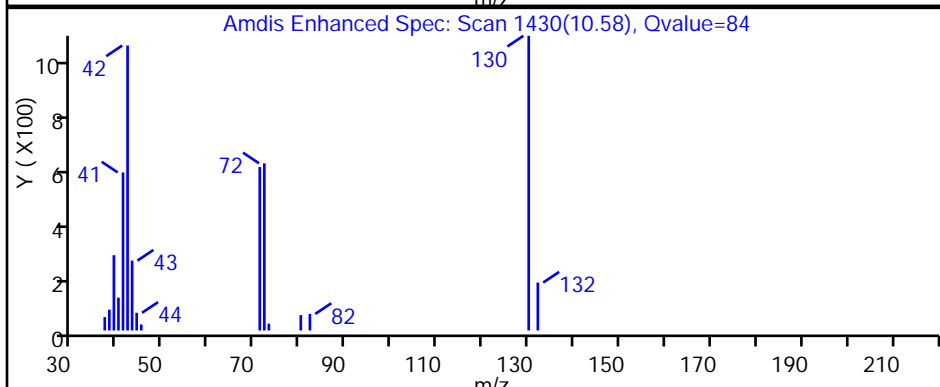
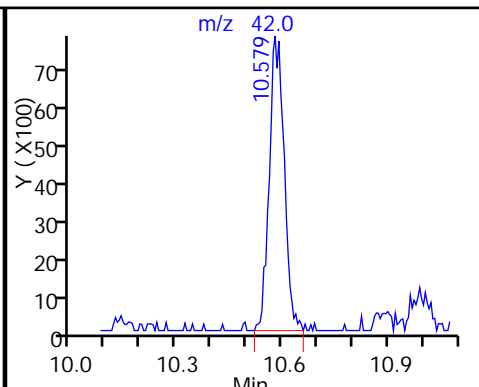
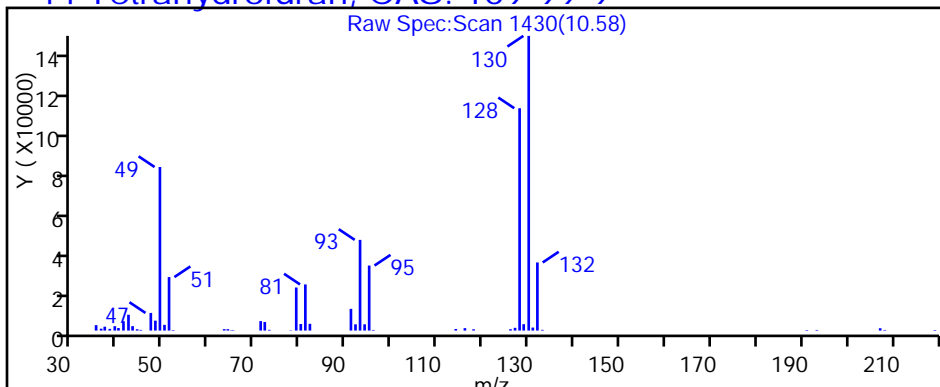
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Client ID: IA-VMP-5B

Operator ID: bl

ALS Bottle#: 20

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

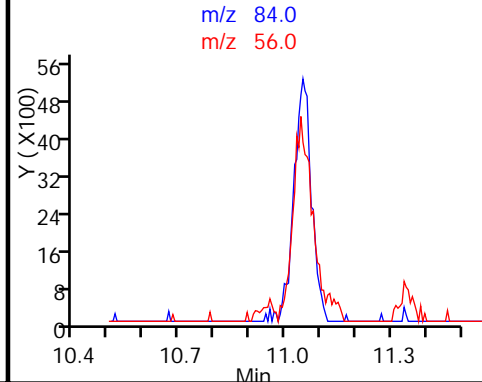
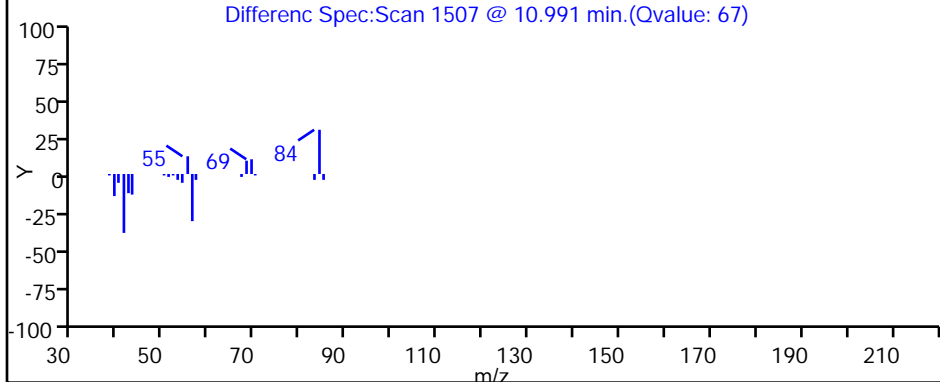
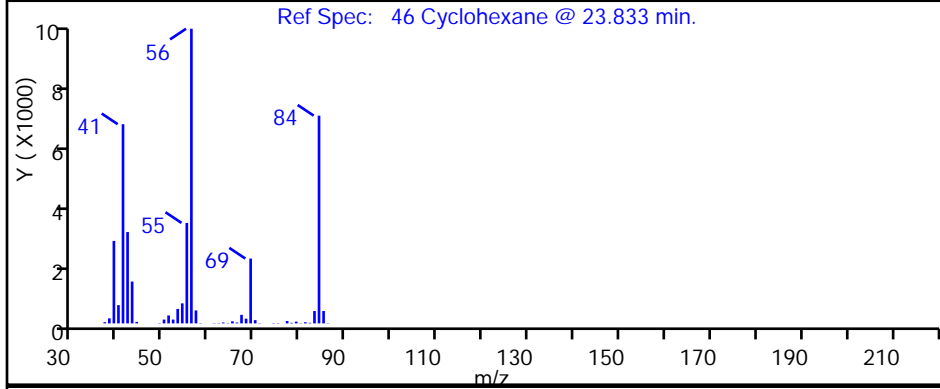
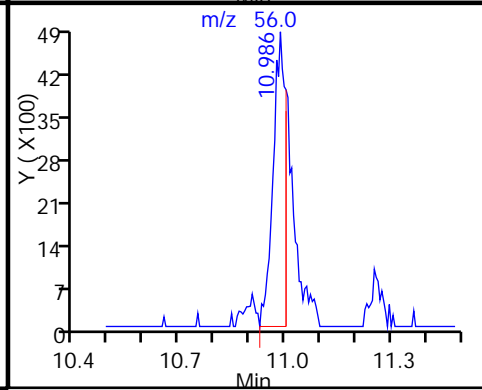
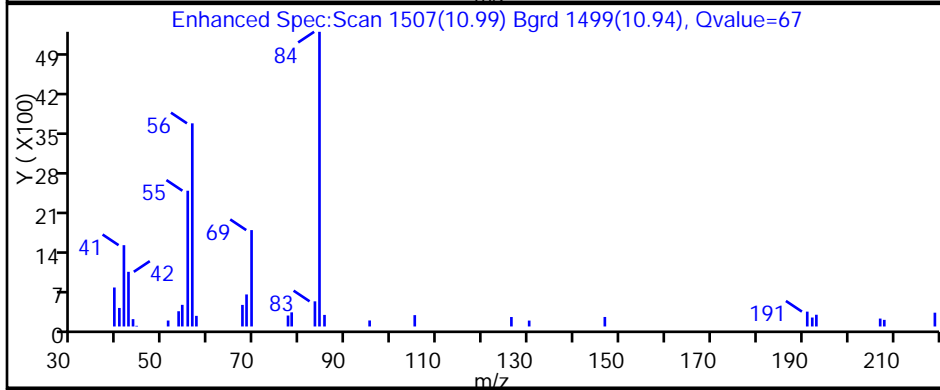
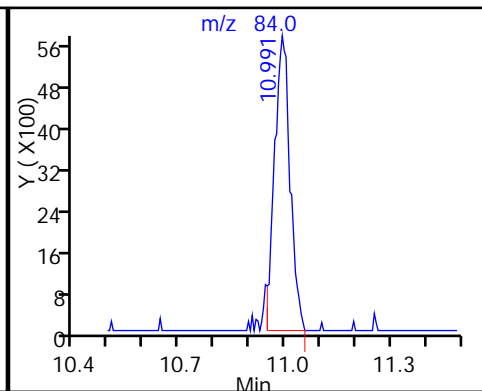
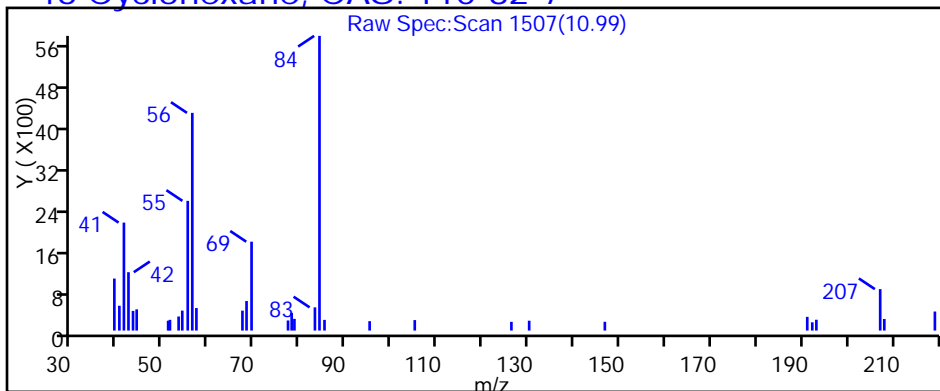
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_023.D

Injection Date: 22-Feb-2014 04:38:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-13

Lab Sample ID: 200-20955-13

Client ID: IA-VMP-5B

Operator ID: bl

ALS Bottle#: 20

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 13.0000

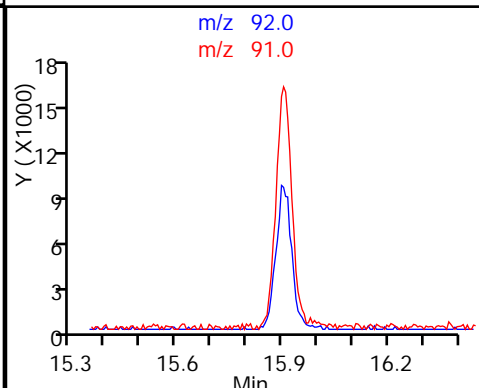
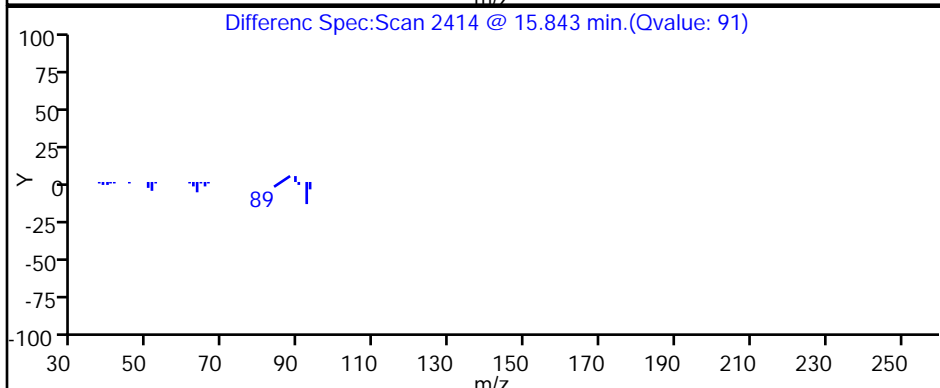
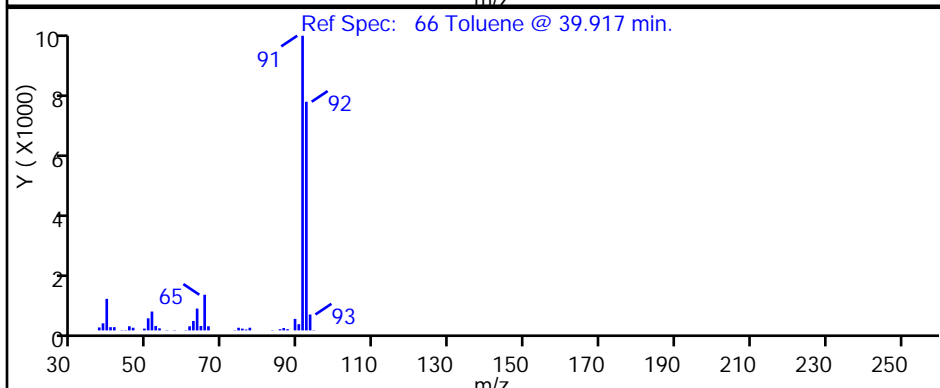
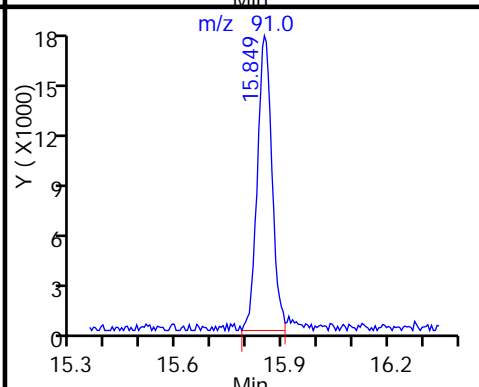
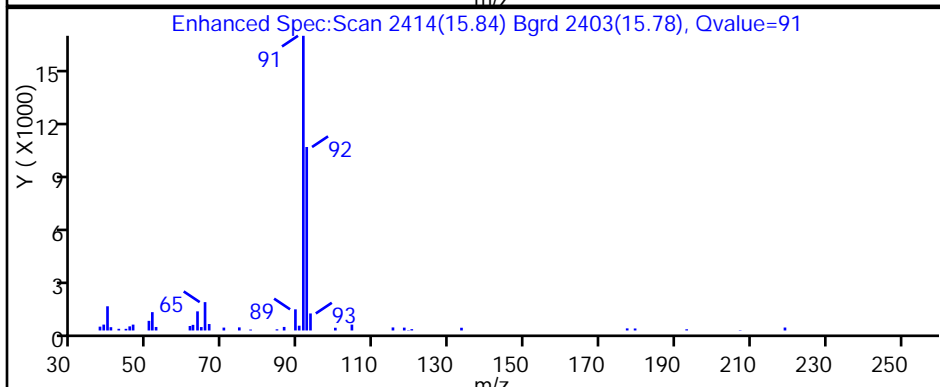
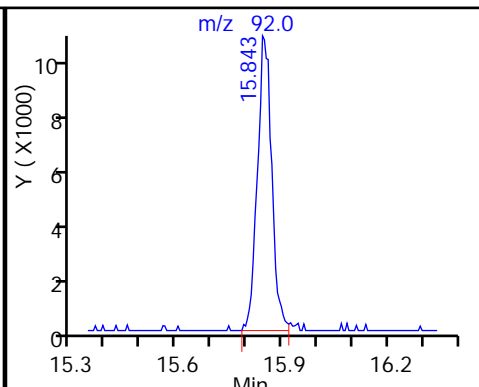
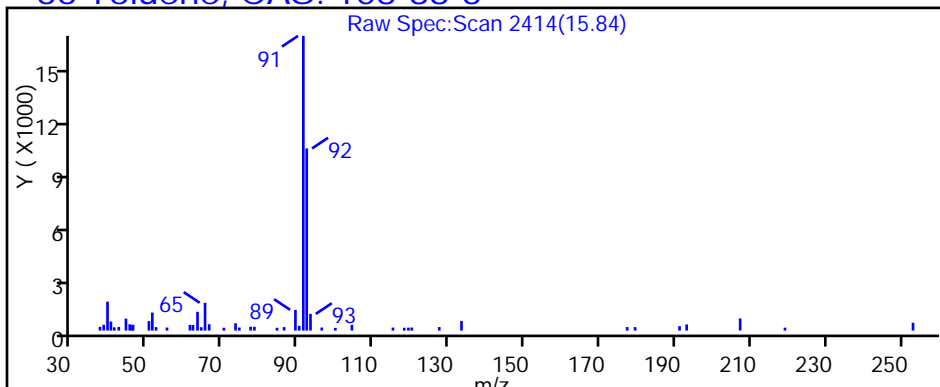
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6A Lab Sample ID: 200-20955-15
 Matrix: Air Lab File ID: 6267_025.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:52
 Sample wt/vol: 36(mL) Date Analyzed: 02/22/2014 06:11
 Soil Aliquot Vol: _____ Dilution Factor: 14.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	7.4	U	7.4	0.44
75-45-6	Freon 22	86.47	7.4	U	7.4	0.71
76-14-2	Freon-114	170.92	3.0	U	3.0	0.52
74-87-3	Chloromethane	50.49	7.4	U	7.4	2.0
106-97-8	n-Butane	58.12	7.4	U	7.4	4.2
75-01-4	Vinyl chloride	62.50	0.59	U	0.59	0.56
106-99-0	1,3-Butadiene	54.09	3.0	U	3.0	0.62
74-83-9	Bromomethane	94.94	3.0	U	3.0	0.41
75-00-3	Chloroethane	64.52	7.4	U	7.4	0.44
593-60-2	Vinyl bromide	106.96	3.0	U	3.0	0.44
75-69-4	Freon 11	137.37	3.0	U	3.0	0.44
76-13-1	Freon 113	187.38	3.0	U	3.0	0.27
75-35-4	1,1-Dichloroethene	96.94	3.0	U	3.0	0.36
67-64-1	Acetone	58.08	74	U	74	19
67-63-0	Isopropyl alcohol	60.10	430		74	3.2
75-15-0	Carbon disulfide	76.14	7.4	U	7.4	0.98
107-05-1	Allyl chloride	76.53	7.4	U	7.4	0.50
75-09-2	Methylene Chloride	84.93	320		7.4	1.9
75-65-0	tert-Butyl alcohol	74.12	74	U	74	4.9
1634-04-4	Methyl tert-butyl ether	88.15	3.0	U	3.0	0.33
156-60-5	trans-1,2-Dichloroethene	96.94	3.0	U	3.0	0.43
110-54-3	Hexane	86.17	3.0	U	3.0	0.50
75-34-3	1,1-Dichloroethane	98.96	3.0	U	3.0	0.56
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	3.6
156-59-2	cis-1,2-Dichloroethene	96.94	3.0	U	3.0	0.56
540-59-0	1,2-Dichloroethene, Total	96.94	3.0	U	3.0	0.95
67-66-3	Chloroform	119.38	3.0	U	3.0	0.37
109-99-9	Tetrahydrofuran	72.11	19	J	74	0.68
71-55-6	1,1,1-Trichloroethane	133.41	3.0	U	3.0	0.31
110-82-7	Cyclohexane	84.16	3.3		3.0	0.37
56-23-5	Carbon tetrachloride	153.81	0.59	U	0.59	0.31
540-84-1	2,2,4-Trimethylpentane	114.23	3.0	U	3.0	0.40
71-43-2	Benzene	78.11	3.0	U	3.0	0.28
107-06-2	1,2-Dichloroethane	98.96	3.0	U	3.0	0.25
142-82-5	Heptane	100.21	3.0	U	3.0	0.68

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6A Lab Sample ID: 200-20955-15
 Matrix: Air Lab File ID: 6267_025.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:52
 Sample wt/vol: 36(mL) Date Analyzed: 02/22/2014 06:11
 Soil Aliquot Vol: _____ Dilution Factor: 14.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.59	U	0.59	0.36
80-62-6	Methyl methacrylate	100.12	7.4	U	7.4	0.44
78-87-5	1,2-Dichloropropane	112.99	3.0	U	3.0	0.47
123-91-1	1,4-Dioxane	88.11	74	U	74	3.0
75-27-4	Bromodichloromethane	163.83	3.0	U	3.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	3.0	U	3.0	0.41
108-10-1	methyl isobutyl ketone	100.16	7.4	U	7.4	0.40
108-88-3	Toluene	92.14	1.7	J	3.0	0.25
10061-02-6	trans-1,3-Dichloropropene	110.97	3.0	U	3.0	0.33
79-00-5	1,1,2-Trichloroethane	133.41	3.0	U	3.0	0.25
127-18-4	Tetrachloroethene	165.83	3.0	U	3.0	0.24
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	7.4	U	7.4	3.0
124-48-1	Dibromochloromethane	208.29	3.0	U	3.0	0.30
106-93-4	1,2-Dibromoethane	187.87	3.0	U	3.0	0.30
108-90-7	Chlorobenzene	112.56	3.0	U	3.0	0.12
100-41-4	Ethylbenzene	106.17	3.0	U	3.0	0.19
179601-23-1	m,p-Xylene	106.17	7.4	U	7.4	0.34
95-47-6	Xylene, o-	106.17	3.0	U	3.0	0.24
1330-20-7	Xylene (total)	106.17	3.0	U	3.0	0.50
100-42-5	Styrene	104.15	3.0	U	3.0	0.27
75-25-2	Bromoform	252.75	3.0	U	3.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	167.85	3.0	U	3.0	0.24
103-65-1	n-Propylbenzene	120.19	3.0	U	3.0	1.2
622-96-8	4-Ethyltoluene	120.20	3.0	U	3.0	0.27
108-67-8	1,3,5-Trimethylbenzene	120.20	3.0	U	3.0	0.18
95-49-8	2-Chlorotoluene	126.59	3.0	U	3.0	0.19
98-06-6	tert-Butylbenzene	134.22	3.0	U	3.0	0.25
95-63-6	1,2,4-Trimethylbenzene	120.20	3.0	U	3.0	0.21
135-98-8	sec-Butylbenzene	134.22	3.0	U	3.0	1.2
99-87-6	4-Isopropyltoluene	134.22	3.0	U	3.0	1.2
541-73-1	1,3-Dichlorobenzene	147.00	3.0	U	3.0	0.21
106-46-7	1,4-Dichlorobenzene	147.00	3.0	U	3.0	0.21
100-44-7	Benzyl chloride	126.58	3.0	U	3.0	1.2
104-51-8	n-Butylbenzene	134.22	3.0	U	3.0	1.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6A Lab Sample ID: 200-20955-15
 Matrix: Air Lab File ID: 6267_025.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:52
 Sample wt/vol: 36(mL) Date Analyzed: 02/22/2014 06:11
 Soil Aliquot Vol.: _____ Dilution Factor: 14.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	3.0	U	3.0	0.21
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	0.40
87-68-3	Hexachloro-1,3-butadiene	260.76	3.0	U	3.0	0.33
91-20-3	Naphthalene	128.17	7.4	U	7.4	3.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6A Lab Sample ID: 200-20955-15
 Matrix: Air Lab File ID: 6267_025.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:52
 Sample wt/vol: 36(mL) Date Analyzed: 02/22/2014 06:11
 Soil Aliquot Vol: _____ Dilution Factor: 14.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	37	U	37	2.2
75-45-6	Freon 22	86.47	26	U	26	2.5
76-14-2	Freon-114	170.92	21	U	21	3.6
74-87-3	Chloromethane	50.49	15	U	15	4.2
106-97-8	n-Butane	58.12	18	U	18	9.9
75-01-4	Vinyl chloride	62.50	1.5	U	1.5	1.4
106-99-0	1,3-Butadiene	54.09	6.5	U	6.5	1.4
74-83-9	Bromomethane	94.94	11	U	11	1.6
75-00-3	Chloroethane	64.52	20	U	20	1.2
593-60-2	Vinyl bromide	106.96	13	U	13	1.9
75-69-4	Freon 11	137.37	17	U	17	2.5
76-13-1	Freon 113	187.38	23	U	23	2.0
75-35-4	1,1-Dichloroethene	96.94	12	U	12	1.4
67-64-1	Acetone	58.08	180	U	180	44
67-63-0	Isopropyl alcohol	60.10	1100		180	7.8
75-15-0	Carbon disulfide	76.14	23	U	23	3.0
107-05-1	Allyl chloride	76.53	23	U	23	1.6
75-09-2	Methylene Chloride	84.93	1100		26	6.4
75-65-0	tert-Butyl alcohol	74.12	220	U	220	15
1634-04-4	Methyl tert-butyl ether	88.15	11	U	11	1.2
156-60-5	trans-1,2-Dichloroethene	96.94	12	U	12	1.7
110-54-3	Hexane	86.17	10	U	10	1.8
75-34-3	1,1-Dichloroethane	98.96	12	U	12	2.3
78-93-3	Methyl Ethyl Ketone	72.11	22	U	22	11
156-59-2	cis-1,2-Dichloroethene	96.94	12	U	12	2.2
540-59-0	1,2-Dichloroethene, Total	96.94	12	U	12	3.8
67-66-3	Chloroform	119.38	14	U	14	1.8
109-99-9	Tetrahydrofuran	72.11	57	J	220	2.0
71-55-6	1,1,1-Trichloroethane	133.41	16	U	16	1.7
110-82-7	Cyclohexane	84.16	11		10	1.3
56-23-5	Carbon tetrachloride	153.81	3.7	U	3.7	2.0
540-84-1	2,2,4-Trimethylpentane	114.23	14	U	14	1.9
71-43-2	Benzene	78.11	9.5	U	9.5	0.90
107-06-2	1,2-Dichloroethane	98.96	12	U	12	1.0
142-82-5	Heptane	100.21	12	U	12	2.8

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6A Lab Sample ID: 200-20955-15
 Matrix: Air Lab File ID: 6267_025.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:52
 Sample wt/vol: 36(mL) Date Analyzed: 02/22/2014 06:11
 Soil Aliquot Vol: _____ Dilution Factor: 14.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	3.2	U	3.2	1.9
80-62-6	Methyl methacrylate	100.12	30	U	30	1.8
78-87-5	1,2-Dichloropropane	112.99	14	U	14	2.2
123-91-1	1,4-Dioxane	88.11	270	U	270	11
75-27-4	Bromodichloromethane	163.83	20	U	20	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	13	U	13	1.9
108-10-1	methyl isobutyl ketone	100.16	30	U	30	1.6
108-88-3	Toluene	92.14	6.3	J	11	0.95
10061-02-6	trans-1,3-Dichloropropene	110.97	13	U	13	1.5
79-00-5	1,1,2-Trichloroethane	133.41	16	U	16	1.4
127-18-4	Tetrachloroethene	165.83	20	U	20	1.6
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	30	U	30	12
124-48-1	Dibromochloromethane	208.29	25	U	25	2.5
106-93-4	1,2-Dibromoethane	187.87	23	U	23	2.3
108-90-7	Chlorobenzene	112.56	14	U	14	0.55
100-41-4	Ethylbenzene	106.17	13	U	13	0.84
179601-23-1	m,p-Xylene	106.17	32	U	32	1.5
95-47-6	Xylene, o-	106.17	13	U	13	1.0
1330-20-7	Xylene (total)	106.17	13	U	13	2.2
100-42-5	Styrene	104.15	13	U	13	1.1
75-25-2	Bromoform	252.75	31	U	31	1.5
79-34-5	1,1,2,2-Tetrachloroethane	167.85	20	U	20	1.6
103-65-1	n-Propylbenzene	120.19	15	U	15	5.8
622-96-8	4-Ethyltoluene	120.20	15	U	15	1.3
108-67-8	1,3,5-Trimethylbenzene	120.20	15	U	15	0.87
95-49-8	2-Chlorotoluene	126.59	15	U	15	1.0
98-06-6	tert-Butylbenzene	134.22	16	U	16	1.4
95-63-6	1,2,4-Trimethylbenzene	120.20	15	U	15	1.0
135-98-8	sec-Butylbenzene	134.22	16	U	16	6.5
99-87-6	4-Isopropyltoluene	134.22	16	U	16	6.5
541-73-1	1,3-Dichlorobenzene	147.00	18	U	18	1.2
106-46-7	1,4-Dichlorobenzene	147.00	18	U	18	1.2
100-44-7	Benzyl chloride	126.58	15	U	15	6.1
104-51-8	n-Butylbenzene	134.22	16	U	16	6.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6A Lab Sample ID: 200-20955-15
 Matrix: Air Lab File ID: 6267_025.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:52
 Sample wt/vol: 36(mL) Date Analyzed: 02/22/2014 06:11
 Soil Aliquot Vol: _____ Dilution Factor: 14.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	18	U	18	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	55	U	55	3.0
87-68-3	Hexachloro-1,3-butadiene	260.76	32	U	32	3.5
91-20-3	Naphthalene	128.17	39	U	39	16

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D
 Lims ID: 200-20955-A-15 Lab Sample ID: 200-20955-15
 Client ID: IA-VMP-6A
 Sample Type: Client
 Inject. Date: 22-Feb-2014 06:11:30 ALS Bottle#: 22 Worklist Smp#: 25
 Purge Vol: 200.000 mL Dil. Factor: 14.8000
 Sample Info: 200-0006267-025
 Misc. Info.: 20955-15
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:49:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.127					
6 Chlorodifluoromethane	51		3.181					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.033	7.038	-0.006	98	1387699	29.3	
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	81	1029225	21.8	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72		10.135					
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	668908	10.0	
44 Tetrahydrofuran	42	10.585	10.579	0.006	79	59458	1.32	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.986	10.991	-0.005	67	21355	0.2254	M
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48						
	50						
	51						
	52						
	53						
*	54			114	12.623	12.623	0.0 91 3796713 10.0
	56						
	58						
	59						
	60						
	62						
	64						
	65						
	66			92	15.854	15.849	0.005 91 29512 0.1127
	70						
	71						
	72						
	73						
	74						
	75						
*	76			117	18.786	18.786	0.0 81 3575711 10.0
	77						
	78						
	80						
S	82						
	83						
	84						
	85						
\$	87			95	21.108	21.107	0.001 98 1698755 NC
	88						
	90						
	92						
	91						
	94						
	96						
	97						
	98						
	99						
	100						
	101						
	102						
	103						
	105						
	107						
	108						
	109						

QC Flag Legend

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D

Injection Date: 22-Feb-2014 06:11:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-15

Lab Sample ID: 200-20955-15

Worklist Smp#: 25

Client ID: IA-VMP-6A

Purge Vol: 200.000 mL

Dil. Factor: 14.8000

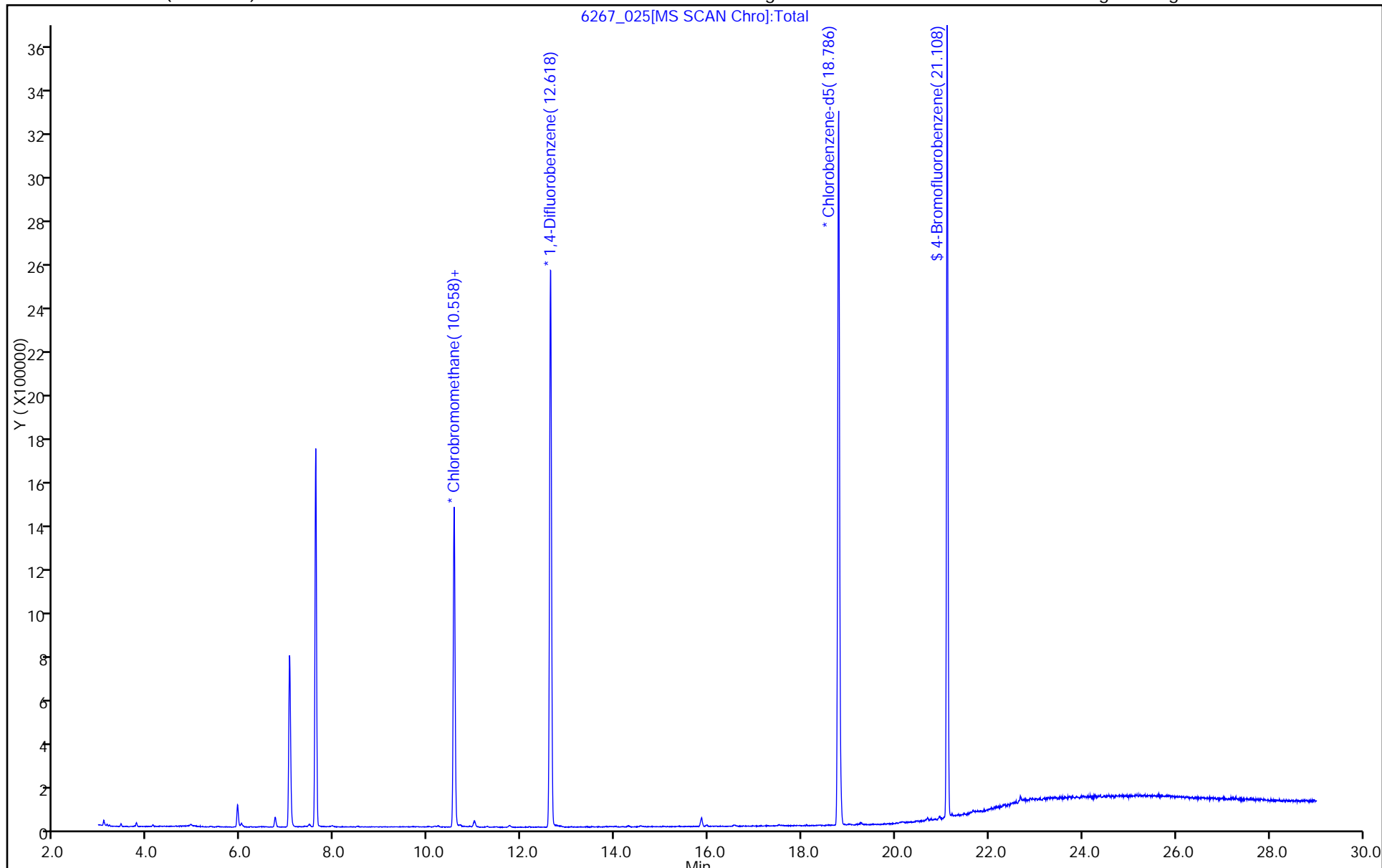
ALS Bottle#: 22

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D

Injection Date: 22-Feb-2014 06:11:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-15

Lab Sample ID: 200-20955-15

Client ID: IA-VMP-6A

Operator ID: bl

ALS Bottle#: 22

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 14.8000

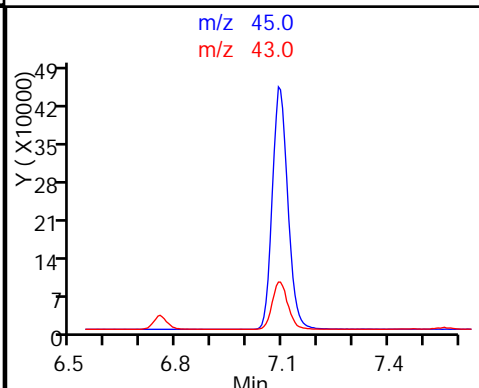
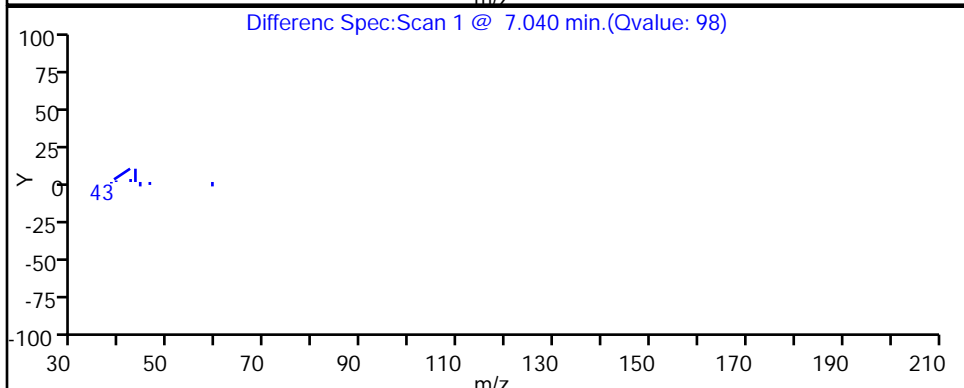
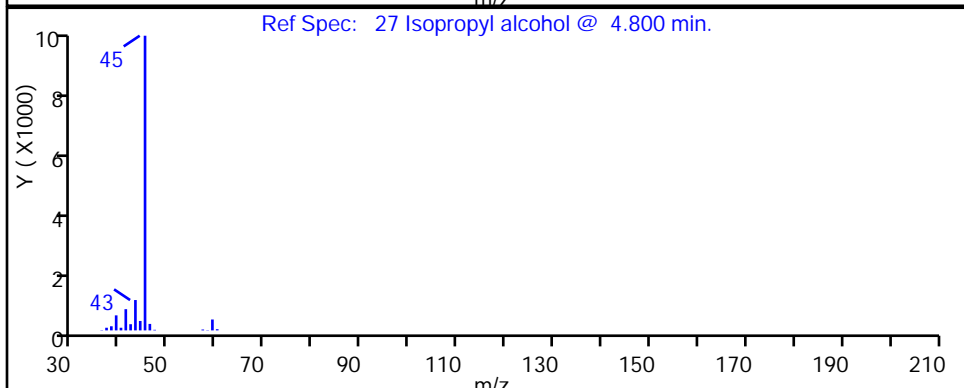
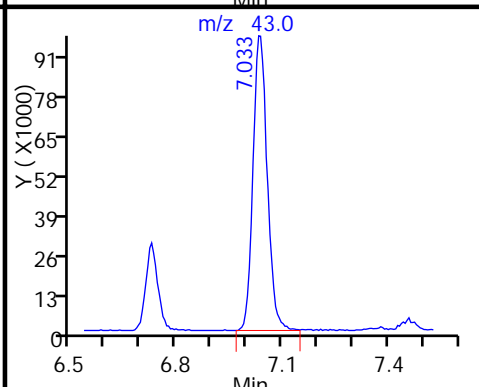
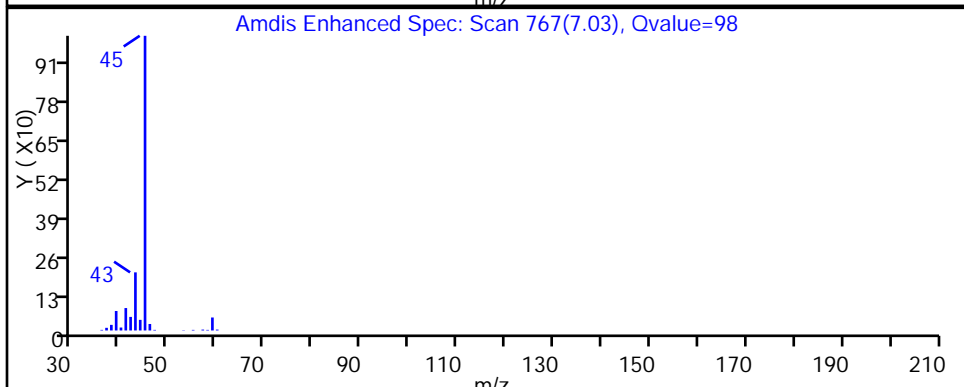
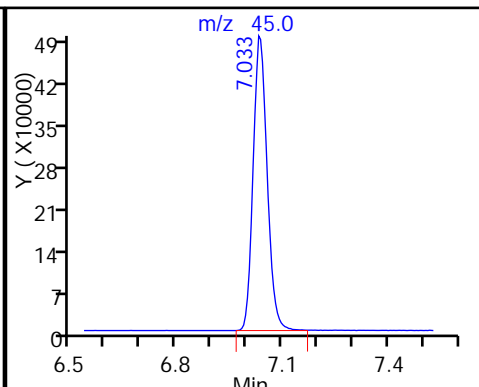
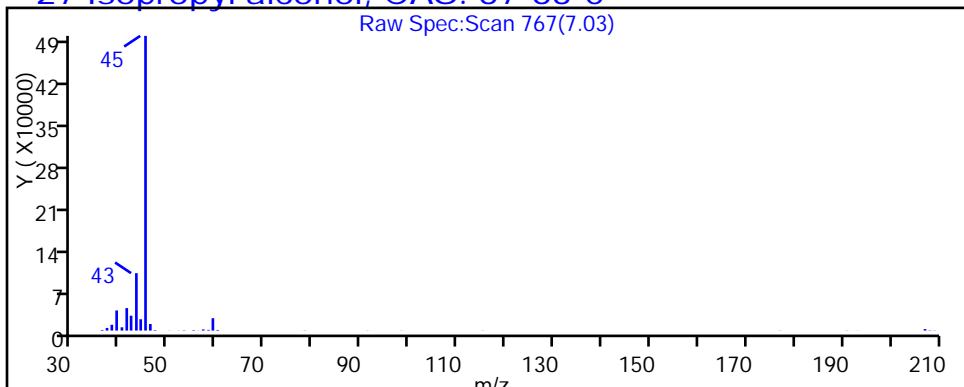
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D

Injection Date: 22-Feb-2014 06:11:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-15

Lab Sample ID: 200-20955-15

Client ID: IA-VMP-6A

Operator ID: bl

ALS Bottle#: 22

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 14.8000

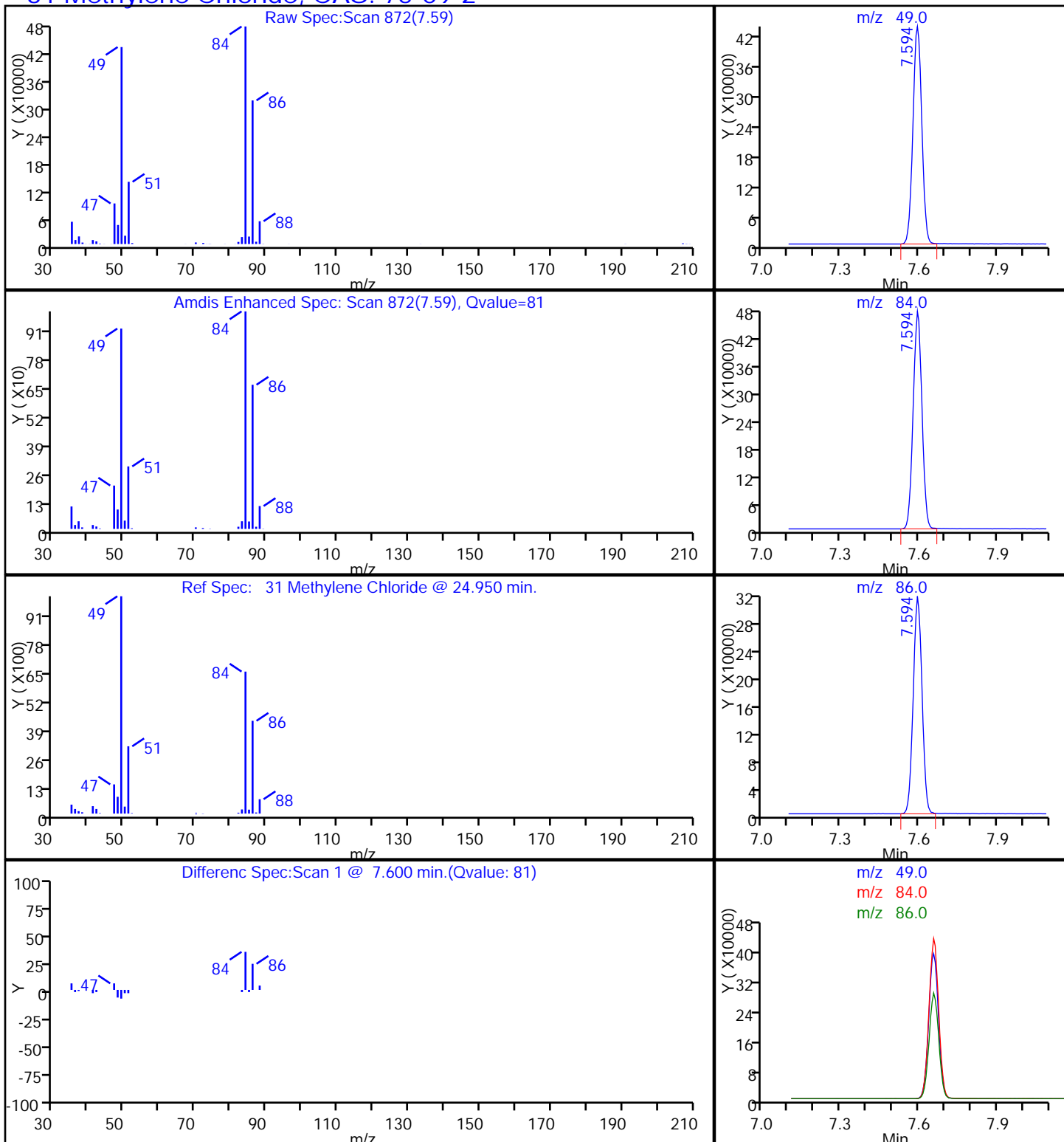
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D

Injection Date: 22-Feb-2014 06:11:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-15

Lab Sample ID: 200-20955-15

Client ID: IA-VMP-6A

Operator ID: bl

ALS Bottle#: 22

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 14.8000

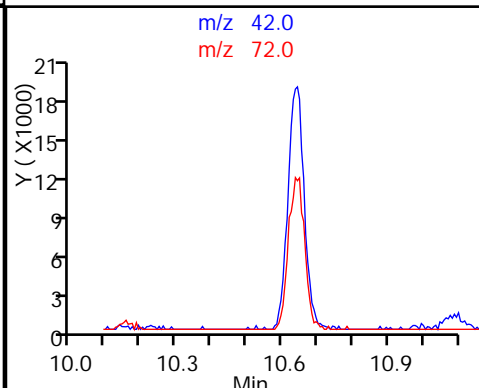
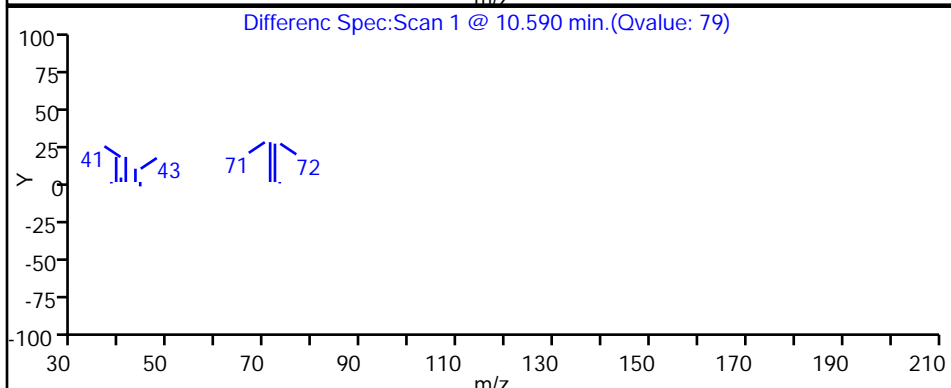
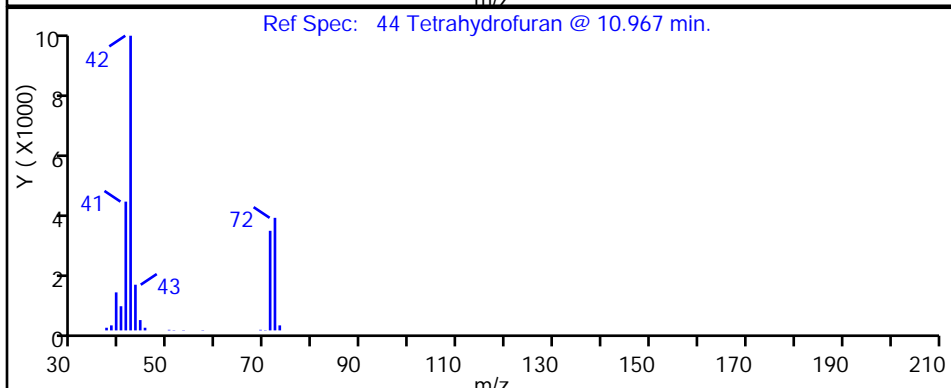
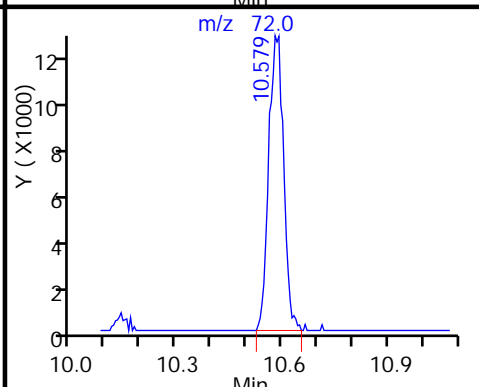
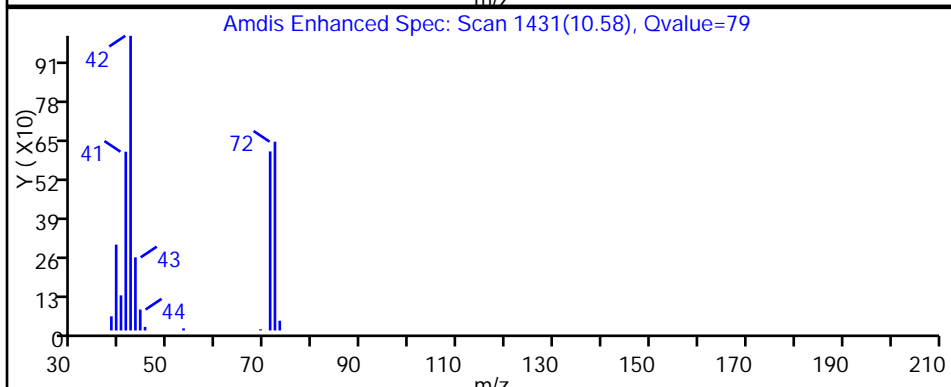
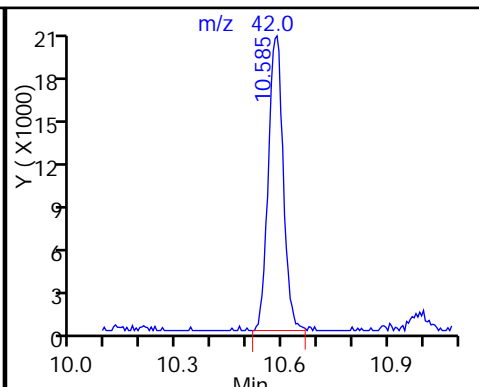
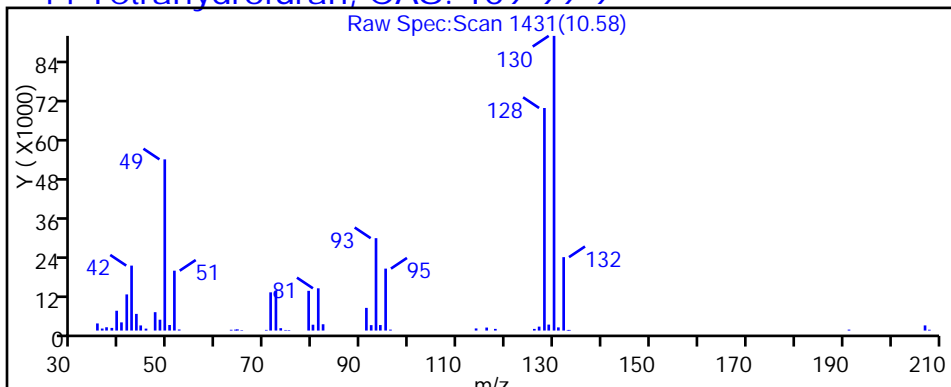
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D

Injection Date: 22-Feb-2014 06:11:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-15

Lab Sample ID: 200-20955-15

Client ID: IA-VMP-6A

Operator ID: bl

ALS Bottle#: 22

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 14.8000

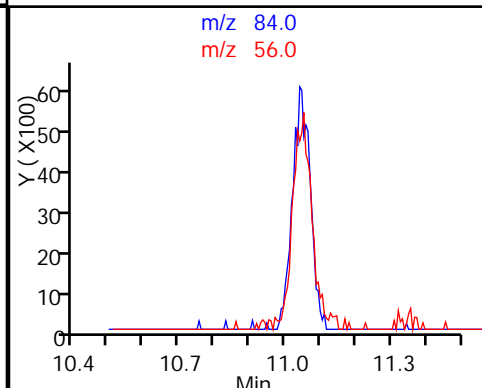
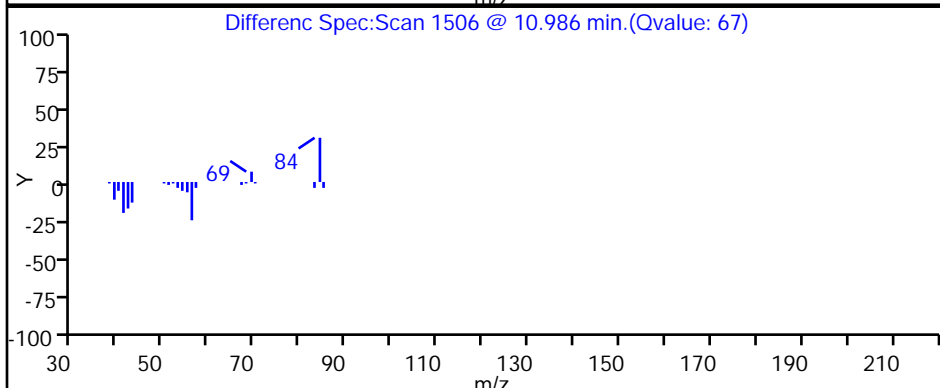
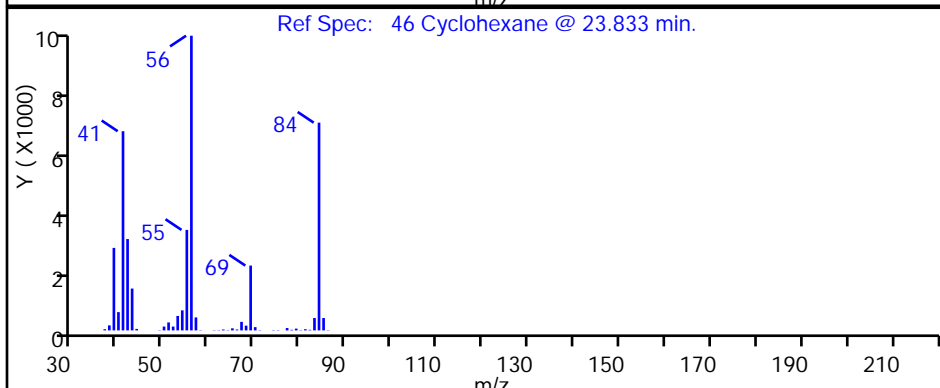
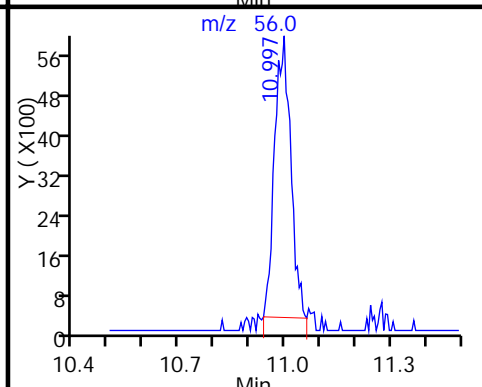
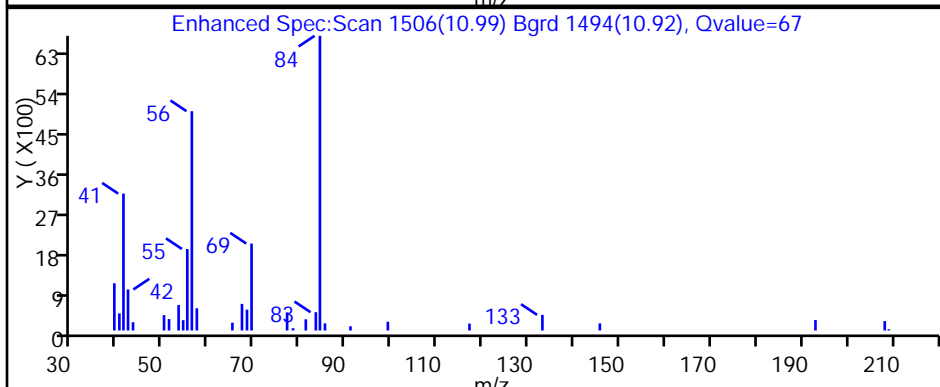
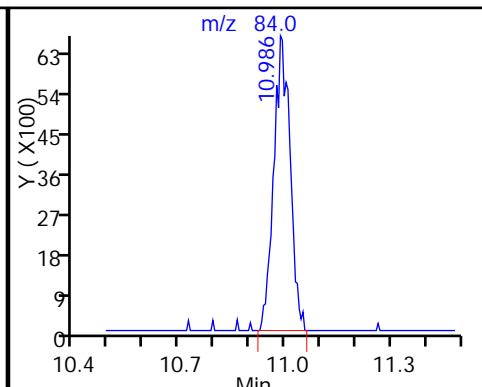
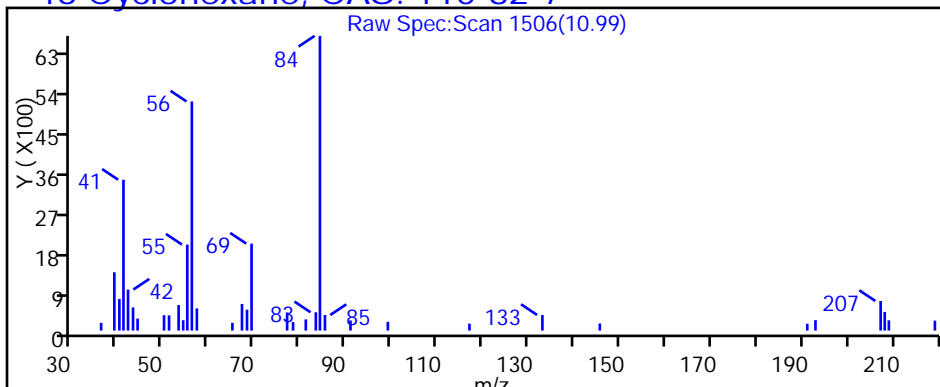
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D

Injection Date: 22-Feb-2014 06:11:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-15

Lab Sample ID: 200-20955-15

Client ID: IA-VMP-6A

Operator ID: bl

ALS Bottle#: 22

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 14.8000

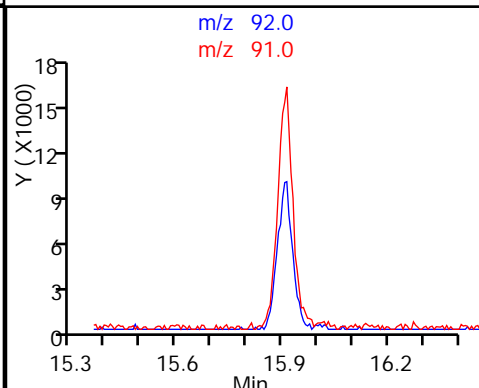
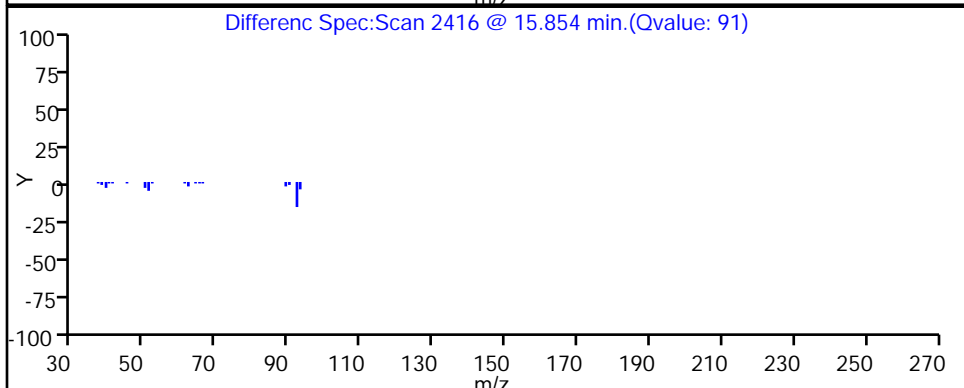
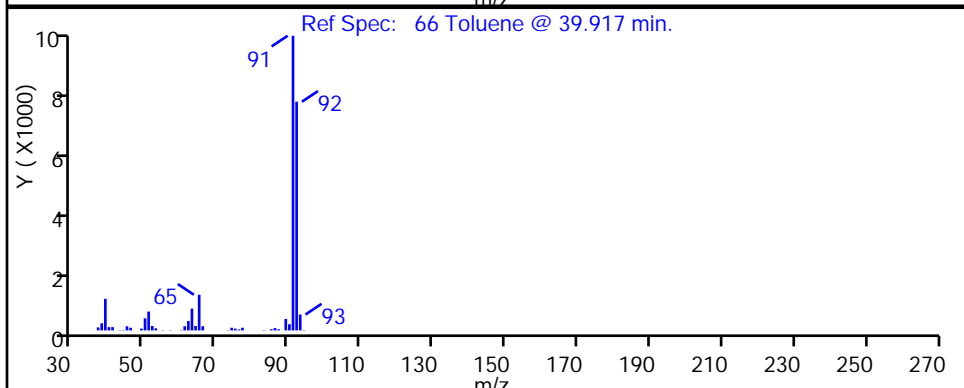
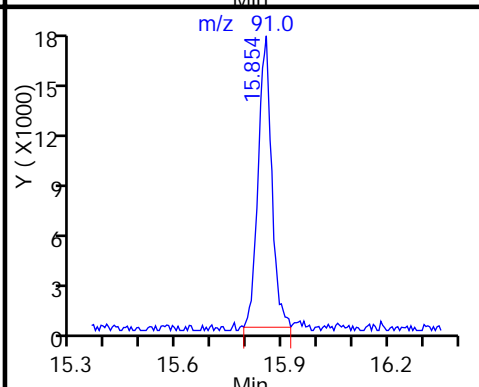
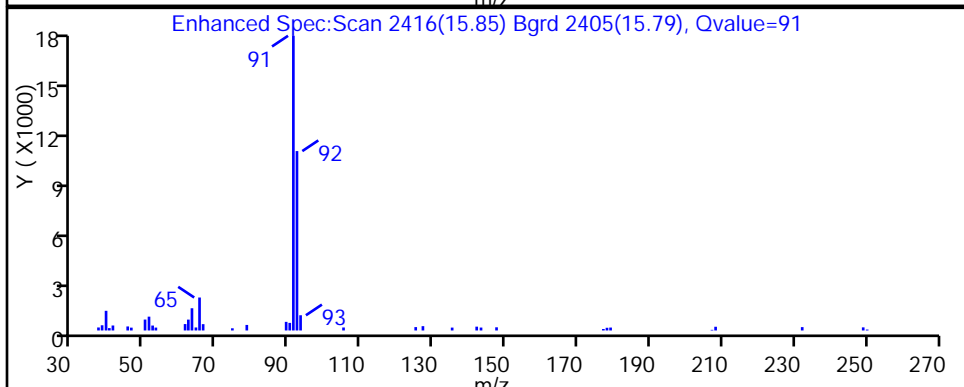
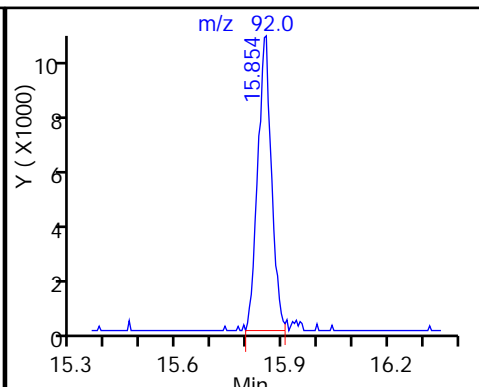
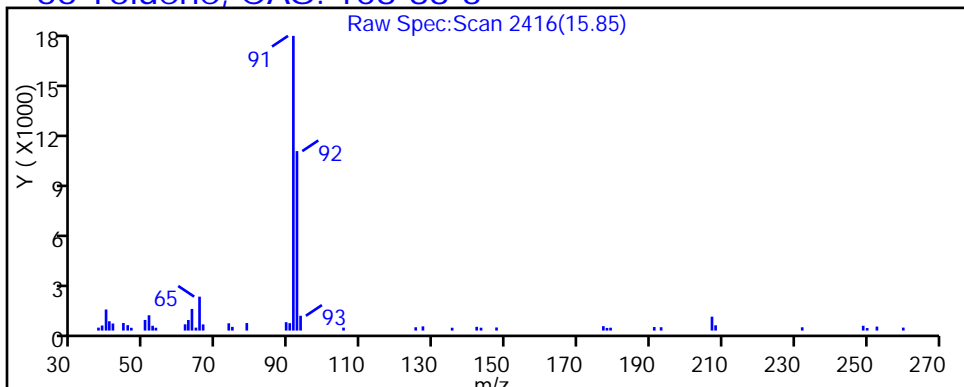
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



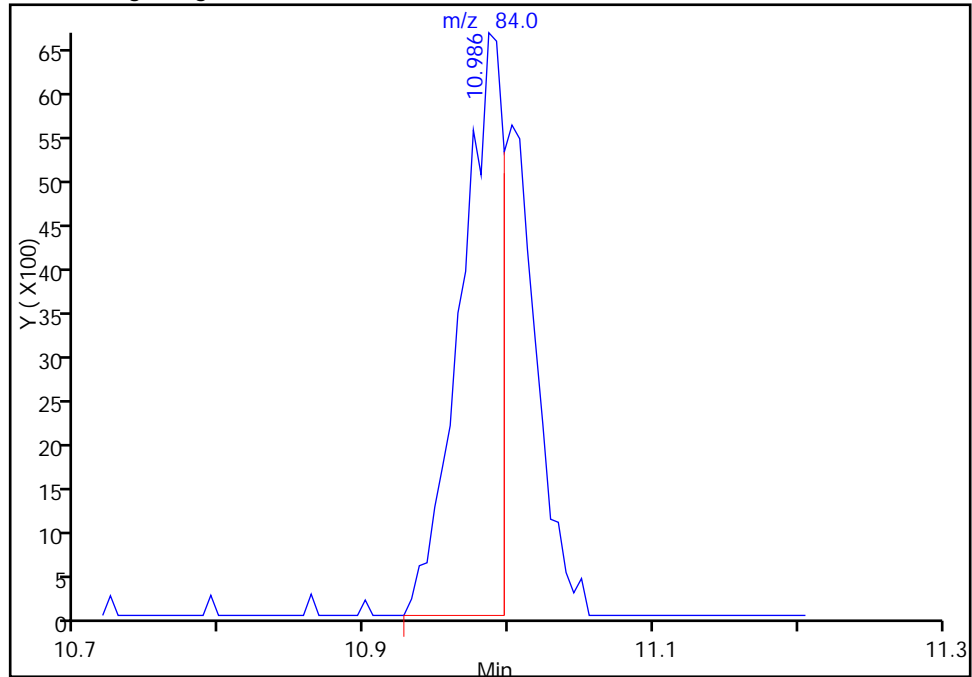
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D
Injection Date: 22-Feb-2014 06:11:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-15 Lab Sample ID: 200-20955-15
Client ID: IA-VMP-6A
Operator ID: bl ALS Bottle#: 22 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 14.8000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

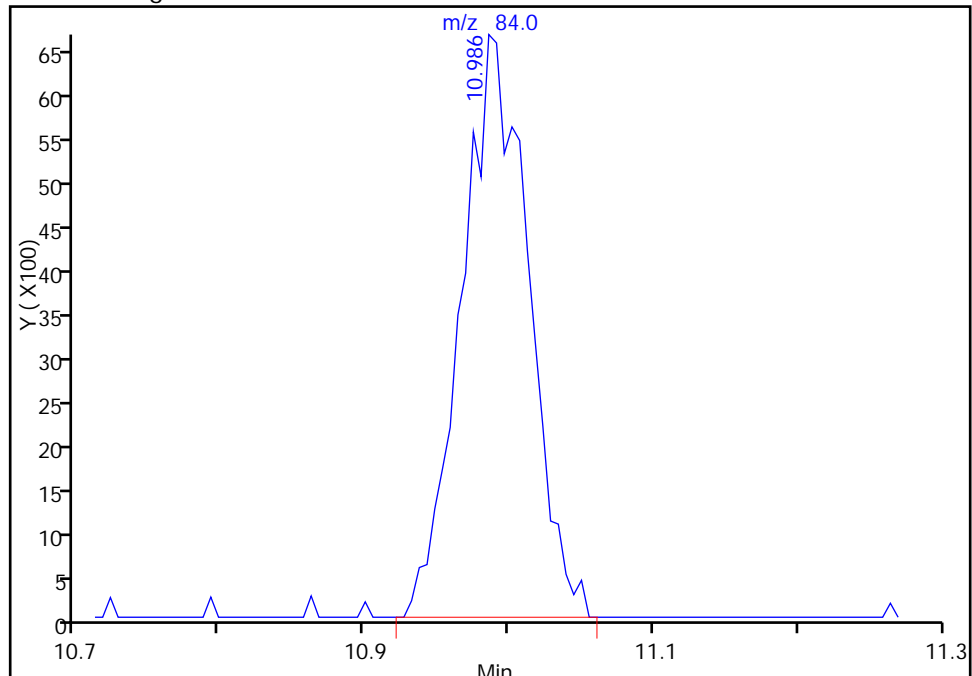
RT: 10.99
Response: 13718
Amount: 0.144762

Processing Integration Results



RT: 10.99
Response: 21355
Amount: 0.225353

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:49:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

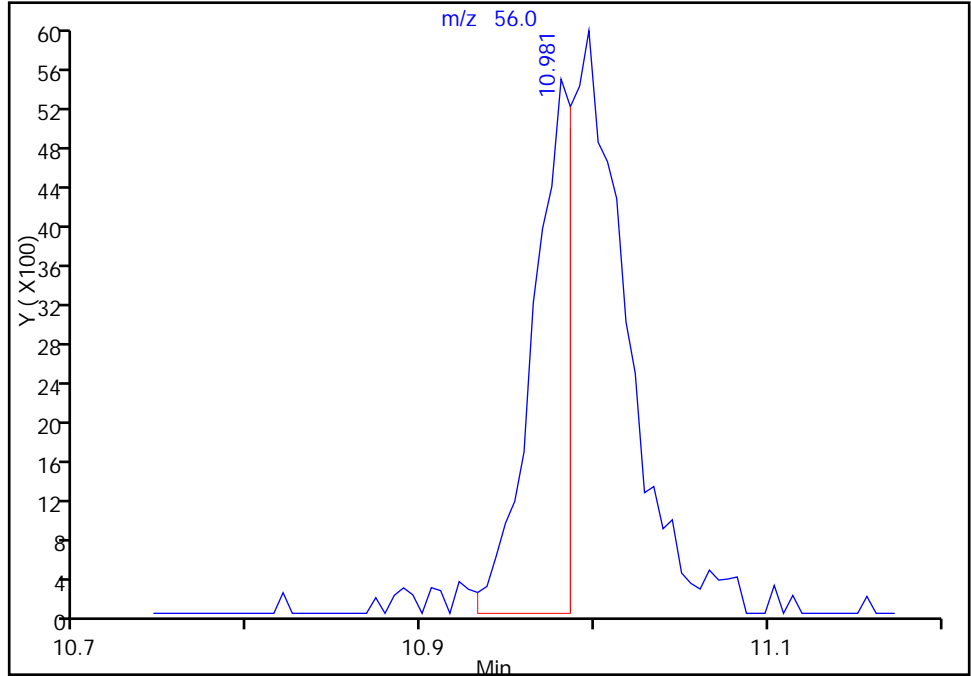
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_025.D
Injection Date: 22-Feb-2014 06:11:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-15 Lab Sample ID: 200-20955-15
Client ID: IA-VMP-6A
Operator ID: bl ALS Bottle#: 22 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 14.8000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

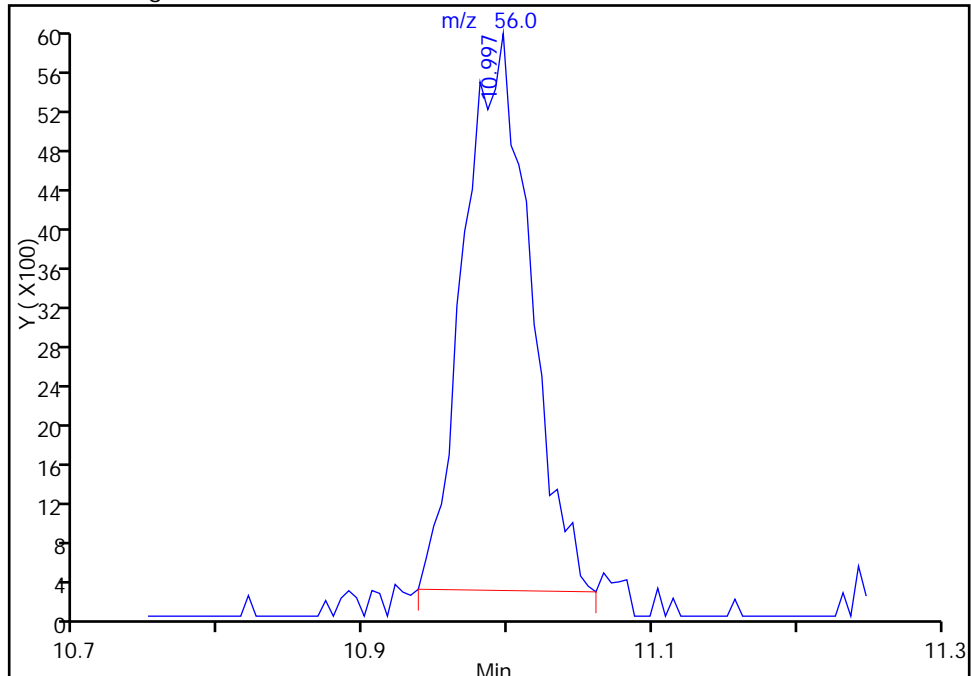
RT: 10.98
Response: 8589
Amount: 0.144762

Processing Integration Results



RT: 11.00
Response: 17935
Amount: 0.225353

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:49:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6B Lab Sample ID: 200-20955-17
 Matrix: Air Lab File ID: 6267_027.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:08
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 07:45
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	5.0	U	5.0	0.30
75-45-6	Freon 22	86.47	0.75	J	5.0	0.48
76-14-2	Freon-114	170.92	2.0	U	2.0	0.35
74-87-3	Chloromethane	50.49	5.0	U	5.0	1.4
106-97-8	n-Butane	58.12	5.0	U	5.0	2.8
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.38
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.42
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.28
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.30
593-60-2	Vinyl bromide	106.96	2.0	U	2.0	0.30
75-69-4	Freon 11	137.37	2.0	U	2.0	0.30
76-13-1	Freon 113	187.38	2.0	U	2.0	0.18
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.24
67-64-1	Acetone	58.08	50	U	50	13
67-63-0	Isopropyl alcohol	60.10	280		50	2.2
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.66
107-05-1	Allyl chloride	76.53	5.0	U	5.0	0.34
75-09-2	Methylene Chloride	84.93	370		5.0	1.3
75-65-0	tert-Butyl alcohol	74.12	50	U	50	3.3
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.29
110-54-3	Hexane	86.17	2.0	U	2.0	0.34
75-34-3	1,1-Dichloroethane	98.96	2.0	U	2.0	0.38
78-93-3	Methyl Ethyl Ketone	72.11	5.0	U	5.0	2.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.38
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.64
67-66-3	Chloroform	119.38	2.0	U	2.0	0.25
109-99-9	Tetrahydrofuran	72.11	9.2	J	50	0.46
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.21
110-82-7	Cyclohexane	84.16	3.1		2.0	0.25
56-23-5	Carbon tetrachloride	153.81	0.40	U	0.40	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.27
71-43-2	Benzene	78.11	2.0	U	2.0	0.19
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.17
142-82-5	Heptane	100.21	2.0	U	2.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6B Lab Sample ID: 200-20955-17
 Matrix: Air Lab File ID: 6267_027.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:08
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 07:45
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.40	U	0.40	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.30
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.32
123-91-1	1,4-Dioxane	88.11	50	U	50	2.0
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.17
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.28
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.27
108-88-3	Toluene	92.14	1.5	J	2.0	0.17
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.17
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.16
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	2.0
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.20
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.20
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.081
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.13
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.23
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
1330-20-7	Xylene (total)	106.17	2.0	U	2.0	0.34
100-42-5	Styrene	104.15	2.0	U	2.0	0.18
75-25-2	Bromoform	252.75	2.0	U	2.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.16
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.80
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.12
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.17
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.14
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.80
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.80
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.14
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.14
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.80
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.80

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6B Lab Sample ID: 200-20955-17
 Matrix: Air Lab File ID: 6267_027.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:08
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 07:45
 Soil Aliquot Vol.: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.0	U	2.0	0.14
120-82-1	1,2,4-Trichlorobenzene	181.45	5.0	U	5.0	0.27
87-68-3	Hexachloro-1,3-butadiene	260.76	2.0	U	2.0	0.22
91-20-3	Naphthalene	128.17	5.0	U	5.0	2.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6B Lab Sample ID: 200-20955-17
 Matrix: Air Lab File ID: 6267_027.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:08
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 07:45
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	25	U	25	1.5
75-45-6	Freon 22	86.47	2.7	J	18	1.7
76-14-2	Freon-114	170.92	14	U	14	2.4
74-87-3	Chloromethane	50.49	10	U	10	2.8
106-97-8	n-Butane	58.12	12	U	12	6.7
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.97
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.93
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.1
75-00-3	Chloroethane	64.52	13	U	13	0.79
593-60-2	Vinyl bromide	106.96	8.7	U	8.7	1.3
75-69-4	Freon 11	137.37	11	U	11	1.7
76-13-1	Freon 113	187.38	15	U	15	1.4
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	0.95
67-64-1	Acetone	58.08	120	U	120	30
67-63-0	Isopropyl alcohol	60.10	690		120	5.3
75-15-0	Carbon disulfide	76.14	16	U	16	2.1
107-05-1	Allyl chloride	76.53	16	U	16	1.1
75-09-2	Methylene Chloride	84.93	1300		17	4.3
75-65-0	tert-Butyl alcohol	74.12	150	U	150	9.9
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.79
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	1.1
110-54-3	Hexane	86.17	7.0	U	7.0	1.2
75-34-3	1,1-Dichloroethane	98.96	8.1	U	8.1	1.5
78-93-3	Methyl Ethyl Ketone	72.11	15	U	15	7.1
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.5
67-66-3	Chloroform	119.38	9.8	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	27	J	150	1.4
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	1.1
110-82-7	Cyclohexane	84.16	11		6.9	0.86
56-23-5	Carbon tetrachloride	153.81	2.5	U	2.5	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	1.3
71-43-2	Benzene	78.11	6.4	U	6.4	0.61
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.69
142-82-5	Heptane	100.21	8.2	U	8.2	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6B Lab Sample ID: 200-20955-17
 Matrix: Air Lab File ID: 6267_027.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:08
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 07:45
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.1	U	2.1	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	1.2
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.5
123-91-1	1,4-Dioxane	88.11	180	U	180	7.2
75-27-4	Bromodichloromethane	163.83	13	U	13	1.1
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	1.3
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.1
108-88-3	Toluene	92.14	5.6	J	7.5	0.64
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	1.0
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.93
127-18-4	Tetrachloroethene	165.83	14	U	14	1.1
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.2
124-48-1	Dibromochloromethane	208.29	17	U	17	1.7
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	0.37
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.56
179601-23-1	m,p-Xylene	106.17	22	U	22	1.0
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
1330-20-7	Xylene (total)	106.17	8.7	U	8.7	1.5
100-42-5	Styrene	104.15	8.5	U	8.5	0.77
75-25-2	Bromoform	252.75	21	U	21	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	1.1
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	3.9
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.88
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.59
95-49-8	2-Chlorotoluene	126.59	10	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	11	U	11	0.93
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	0.69
135-98-8	sec-Butylbenzene	134.22	11	U	11	4.4
99-87-6	4-Isopropyltoluene	134.22	11	U	11	4.4
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	0.84
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	0.84
100-44-7	Benzyl chloride	126.58	10	U	10	4.1
104-51-8	n-Butylbenzene	134.22	11	U	11	4.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-6B Lab Sample ID: 200-20955-17
 Matrix: Air Lab File ID: 6267_027.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:08
 Sample wt/vol: 20(mL) Date Analyzed: 02/22/2014 07:45
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	12	U	12	0.84
120-82-1	1,2,4-Trichlorobenzene	181.45	37	U	37	2.0
87-68-3	Hexachloro-1,3-butadiene	260.76	21	U	21	2.3
91-20-3	Naphthalene	128.17	26	U	26	10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D
 Lims ID: 200-20955-A-17 Lab Sample ID: 200-20955-17
 Client ID: IA-VMP-6B
 Sample Type: Client
 Inject. Date: 22-Feb-2014 07:45:30 ALS Bottle#: 24 Worklist Smp#: 27
 Purge Vol: 200.000 mL Dil. Factor: 10.0000
 Sample Info: 200-0006267-027
 Misc. Info.: 20955-17
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:51:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.127					
6 Chlorodifluoromethane	51	3.181	3.181	0.001	49	5845	0.0753	7
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	1312470	28.2	
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	1712301	36.9	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72		10.135					
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	657026	10.0	
44 Tetrahydrofuran	42	10.585	10.579	0.006	79	41526	0.9219	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.991	10.991	0.0	79	29217	0.3091	M
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	11.269		
	50			78	11.740		
	51			57	11.761		
	52			62	11.911		
	53			43	12.168		
*	54			114	12.617	12.623	-0.006 91 3787447 10.0
	56			95	13.110		
	58			63	13.682		
	59			69	13.880		
	60			88	13.917		
	62			83	14.249		
	64			75	15.228		
	65			43	15.528		
	66			92	15.854	15.849	0.005 91 38547 0.1478
	70			75	16.437		
	71			83	16.812		
	72			166	16.961		
	73			43	17.282		
	74			129	17.587		
	75			107	17.860		
*	76			117	18.786	18.786	0.0 81 3560147 10.0
	77			112	18.844		
	78			91	19.016		
	80			106	19.272		
S	82			106	20.100		
	83			106	20.102		
	84			104	20.144		
	85			173	20.530		
\$	87			95	21.107	21.107	0.0 98 1697200 NC
	88			83	21.364		
	90			91	21.471		
	92			91	21.653		
	91			105	21.653		
	94			105	21.760		
	96			119	22.242		
	97			105	22.332		
	98			105	22.562		
	99			119	22.760		
	100			146	22.776		
	101			146	22.910		
	102			91	23.103		
	103			91	23.338		
	105			146	23.451		
	107			180	26.013		
	108			225	26.227		
	109			128	26.505		

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Worklist Smp#: 27

Client ID: IA-VMP-6B

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

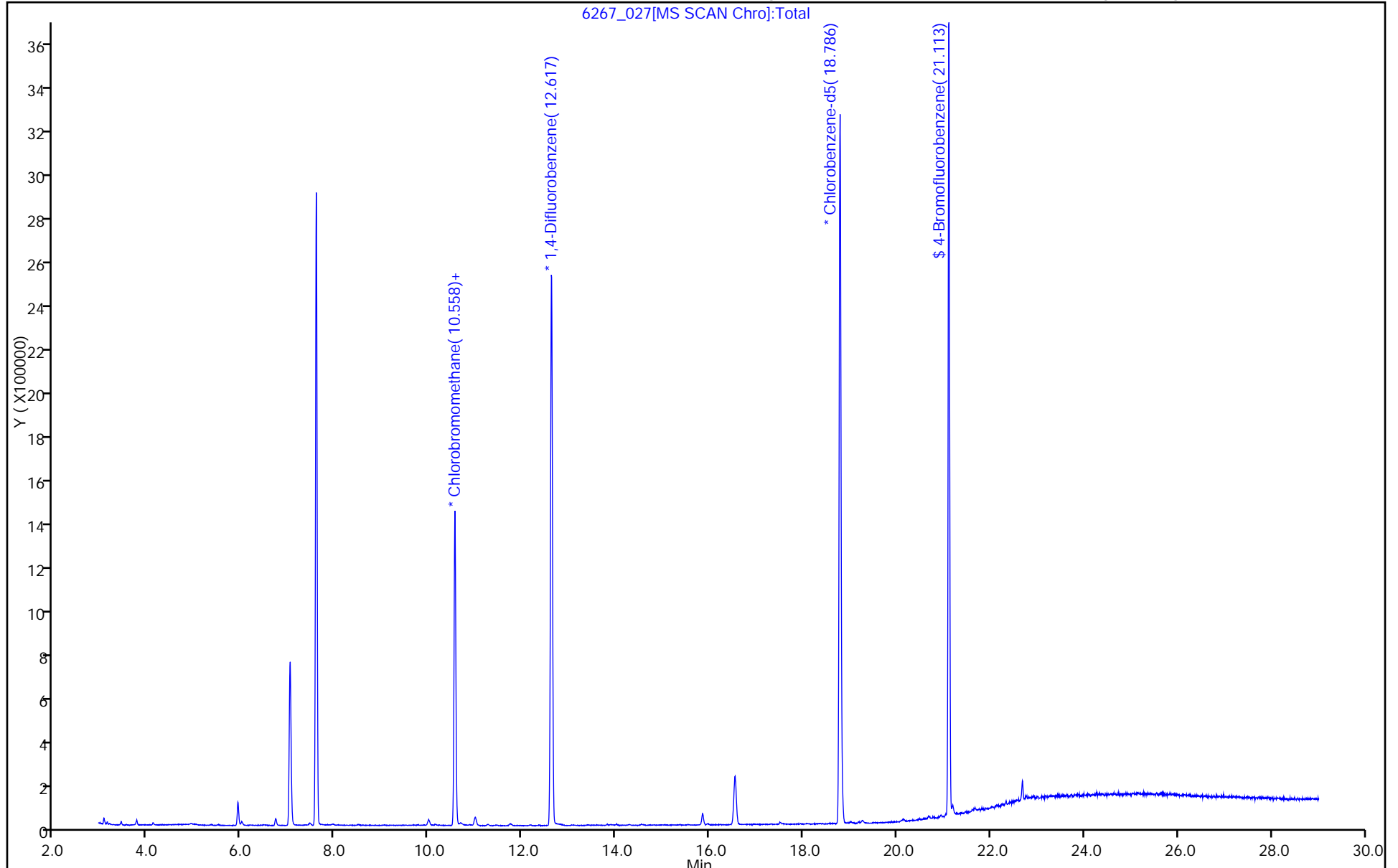
ALS Bottle#: 24

Method: TO15_LL NJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Client ID: IA-VMP-6B

Operator ID: bl

ALS Bottle#: 24

Worklist Smp#: 27

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

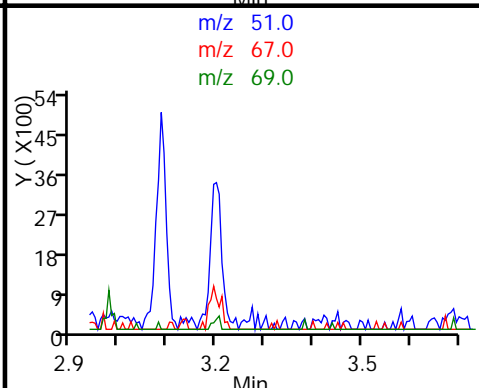
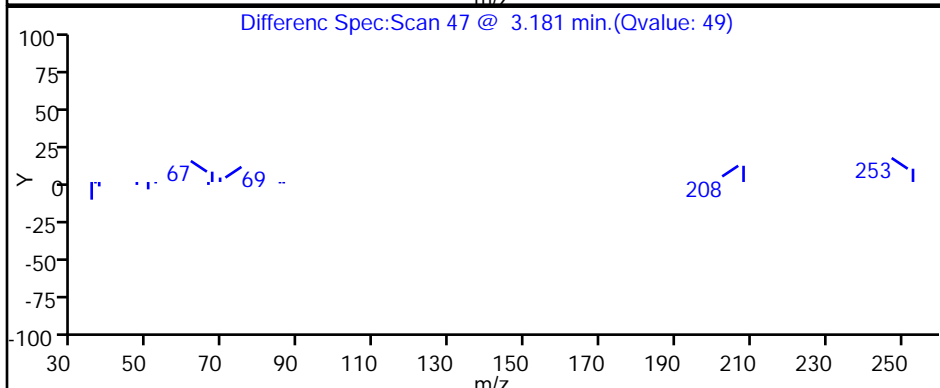
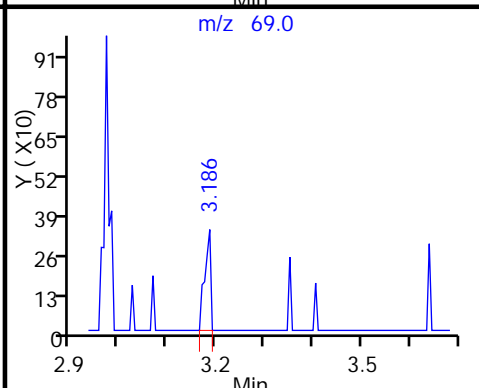
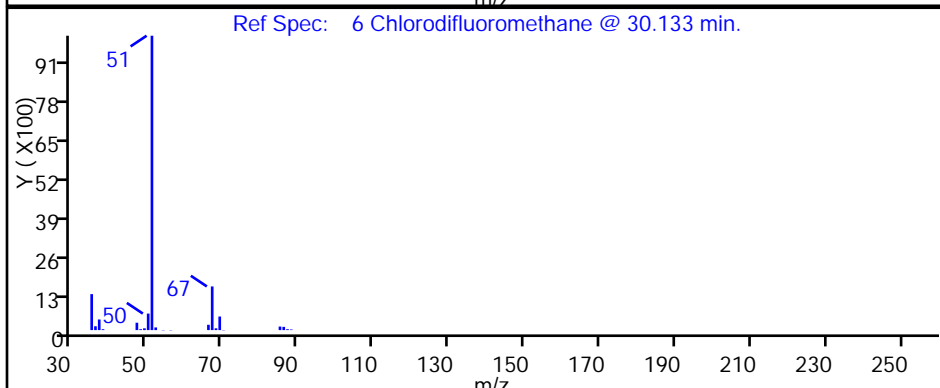
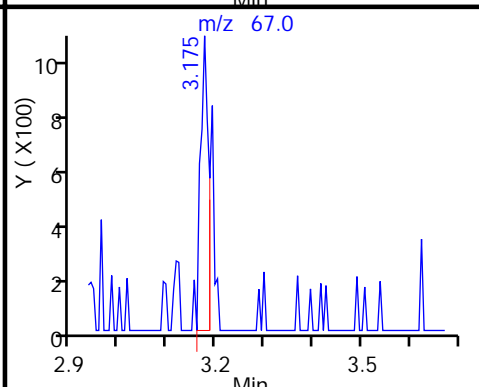
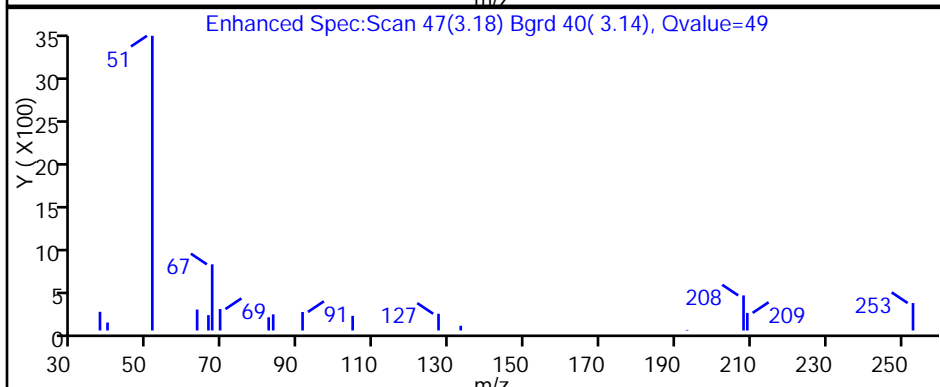
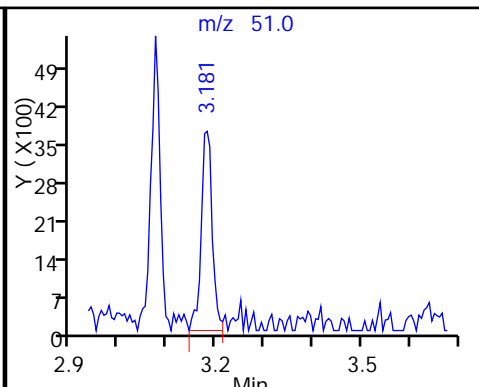
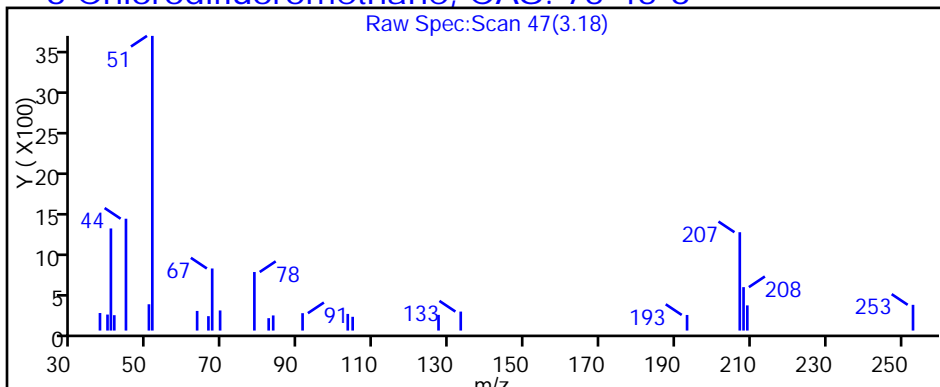
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Client ID: IA-VMP-6B

Operator ID: bl

ALS Bottle#: 24

Worklist Smp#: 27

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

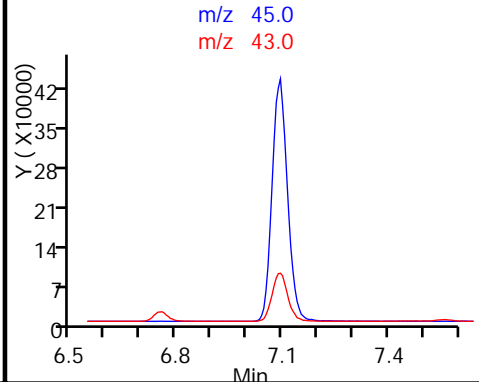
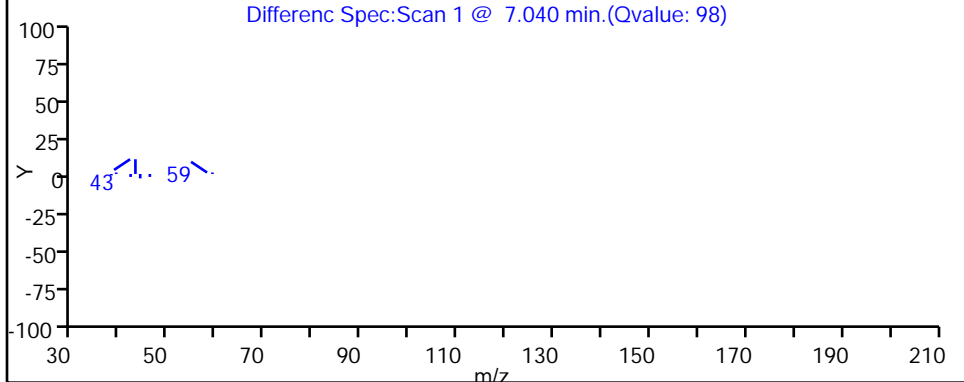
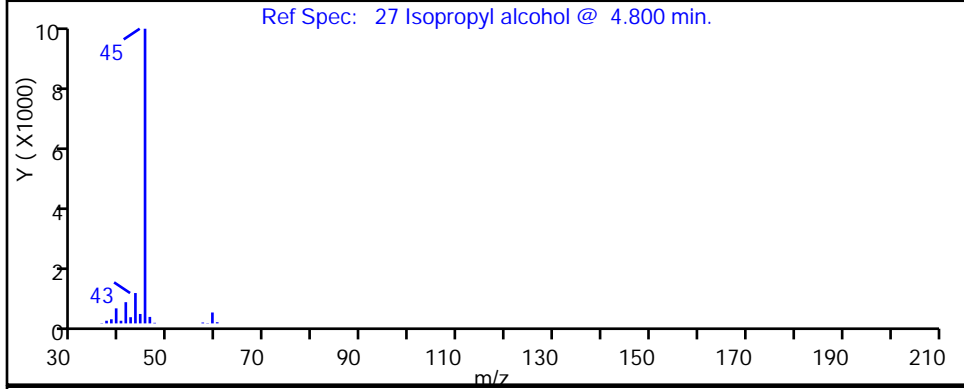
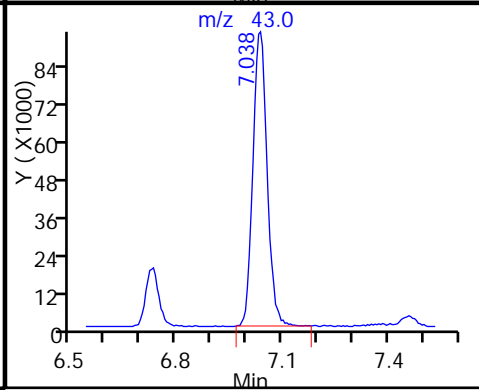
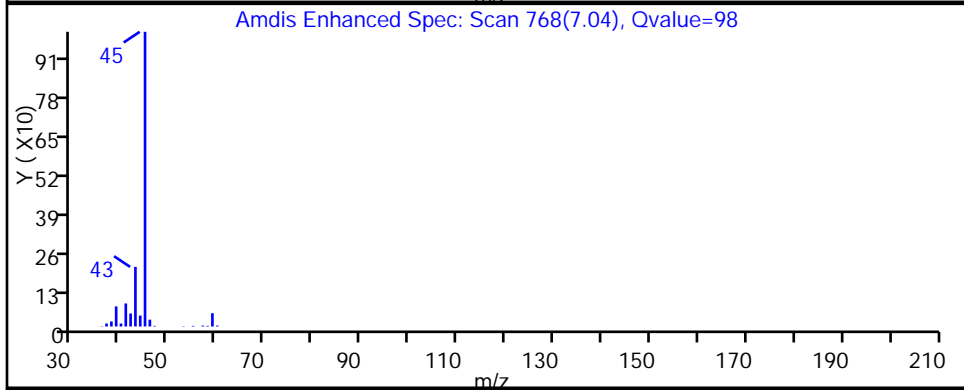
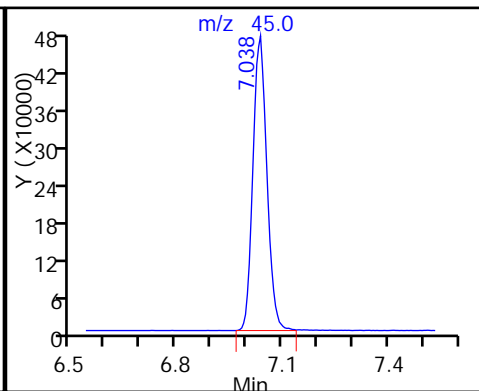
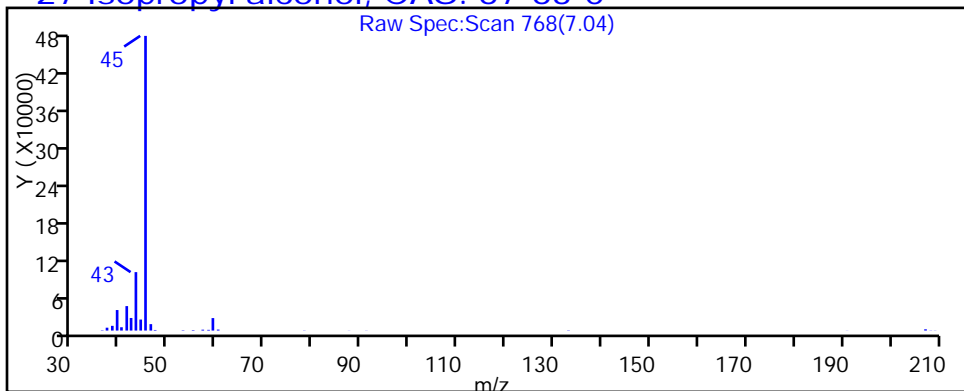
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Client ID: IA-VMP-6B

Operator ID: bl

ALS Bottle#: 24

Worklist Smp#: 27

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

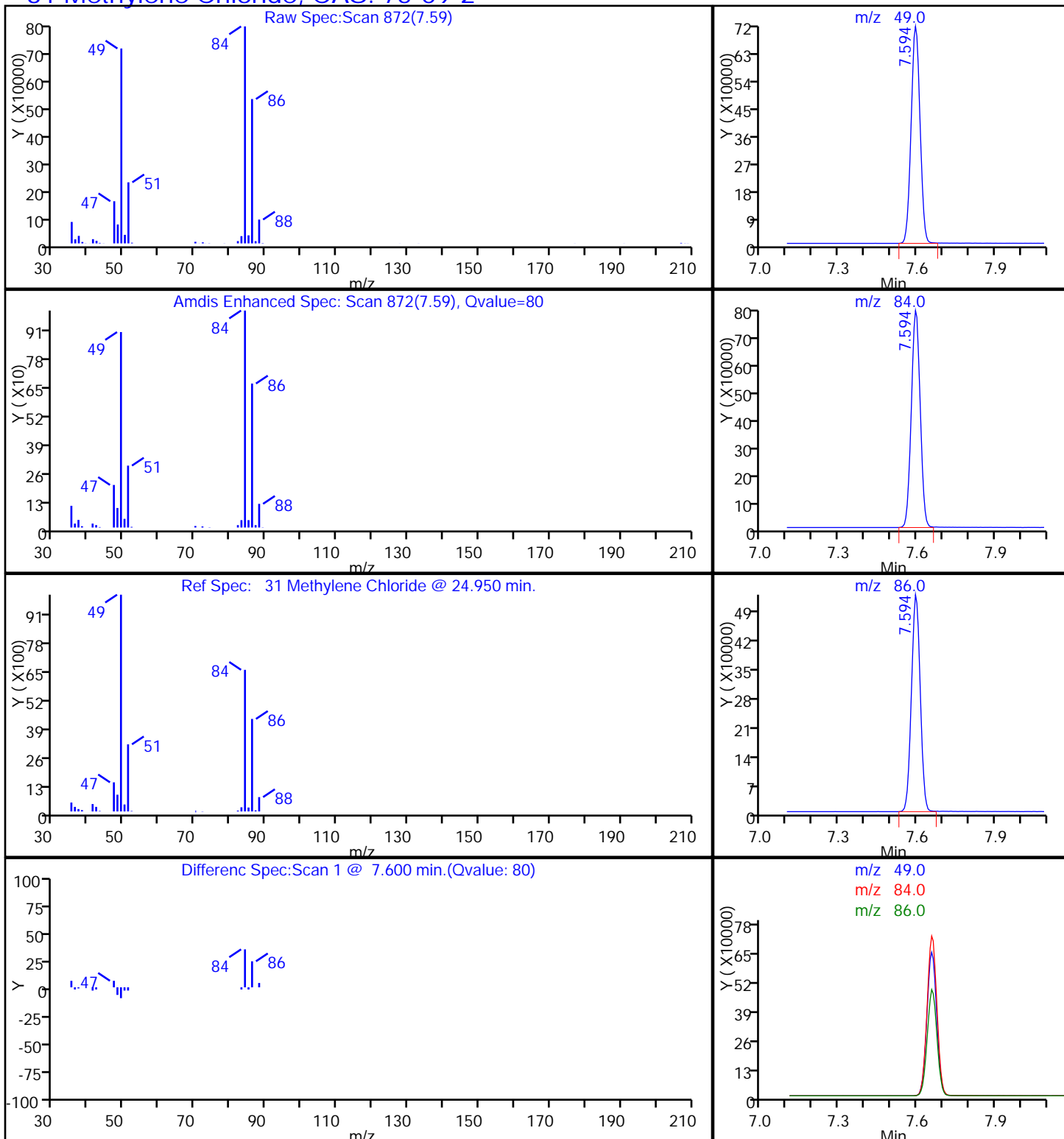
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Client ID: IA-VMP-6B

Operator ID: bl

ALS Bottle#: 24

Worklist Smp#: 27

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

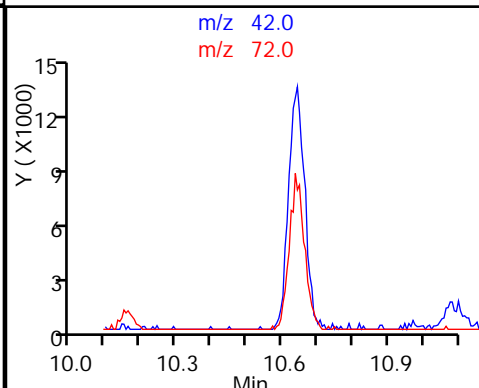
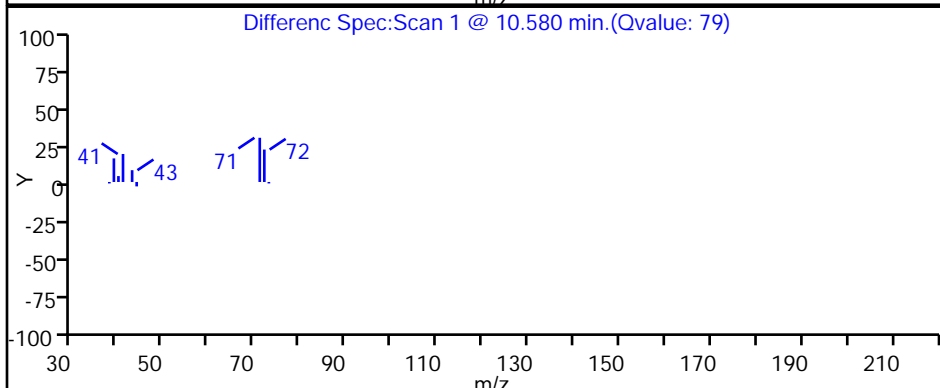
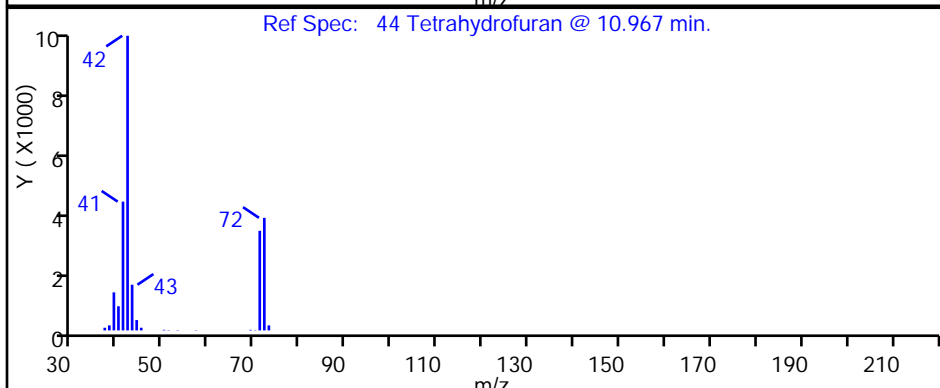
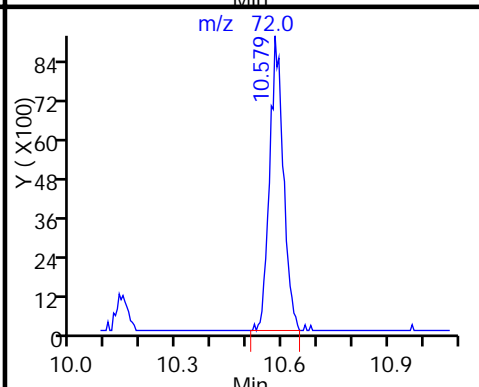
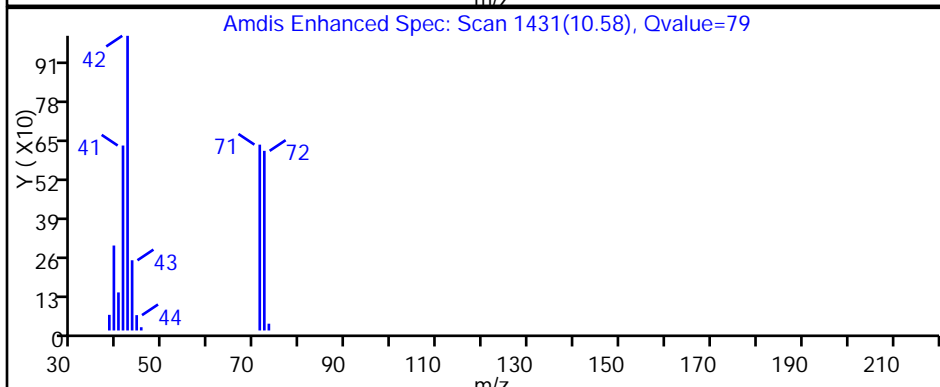
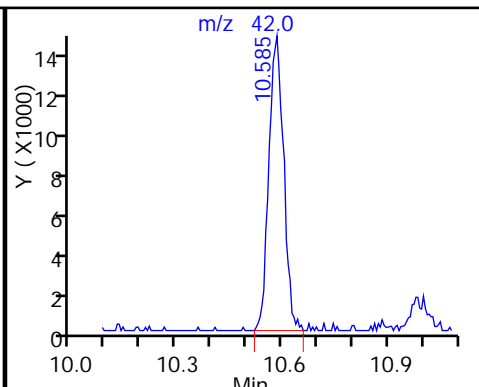
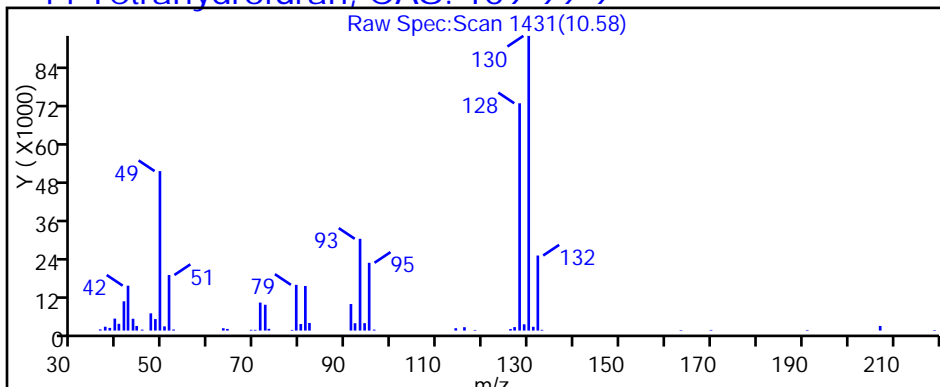
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Client ID: IA-VMP-6B

Operator ID: bl

ALS Bottle#: 24

Worklist Smp#: 27

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

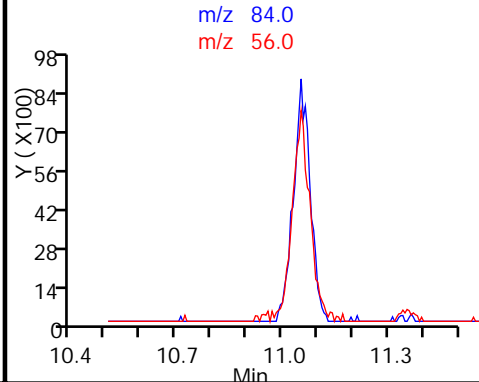
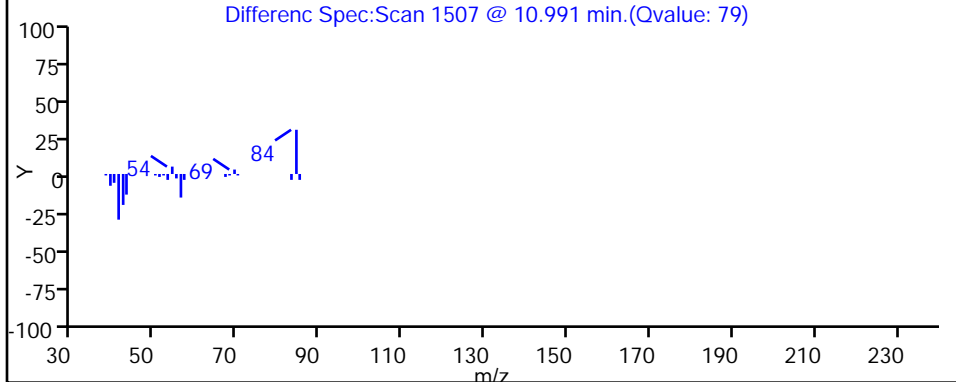
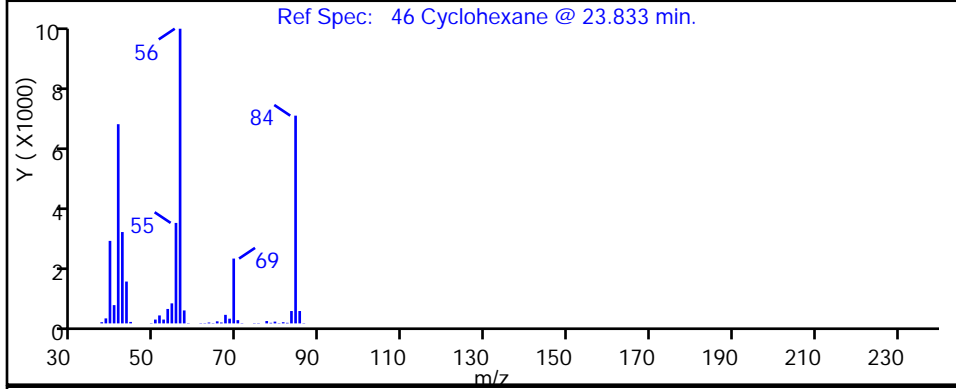
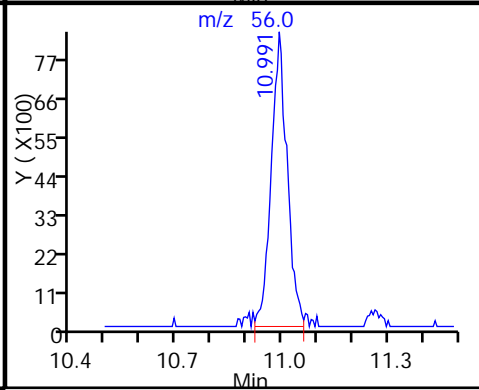
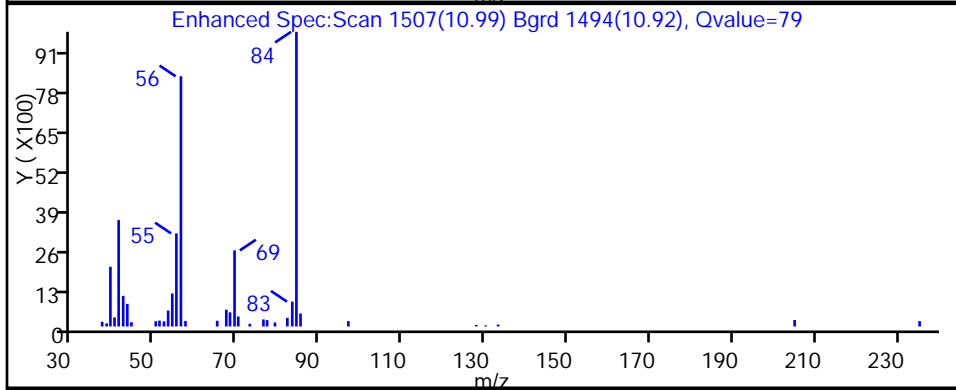
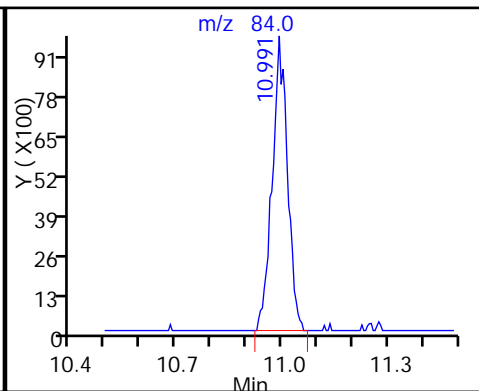
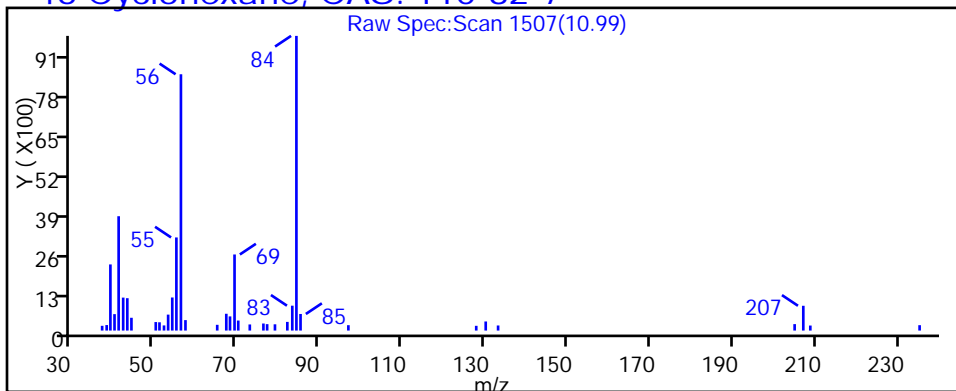
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D

Injection Date: 22-Feb-2014 07:45:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-17

Lab Sample ID: 200-20955-17

Client ID: IA-VMP-6B

Operator ID: bl

ALS Bottle#: 24

Worklist Smp#: 27

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

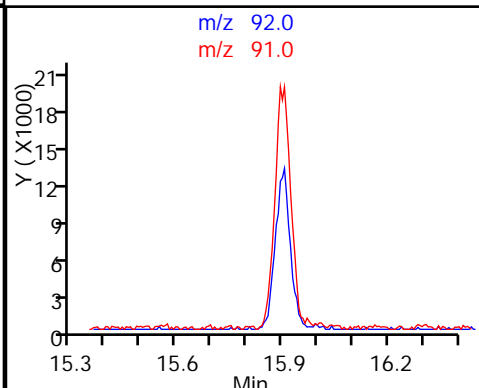
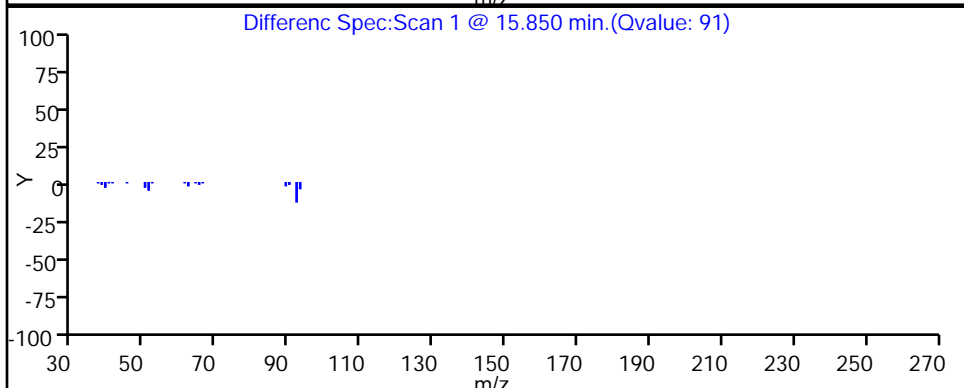
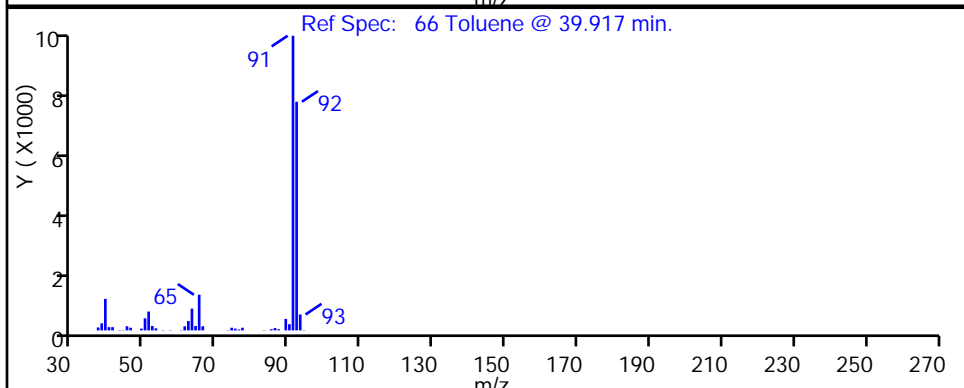
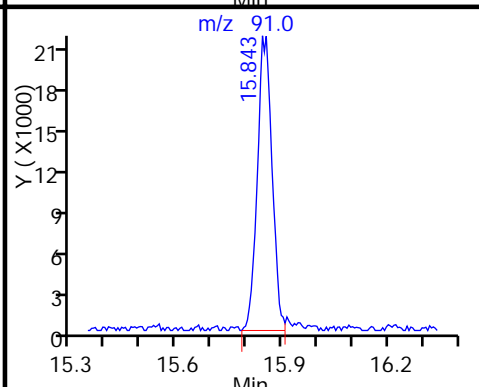
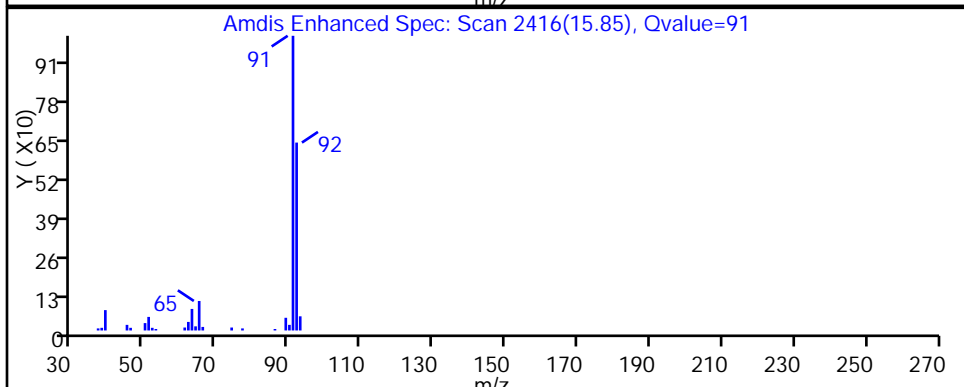
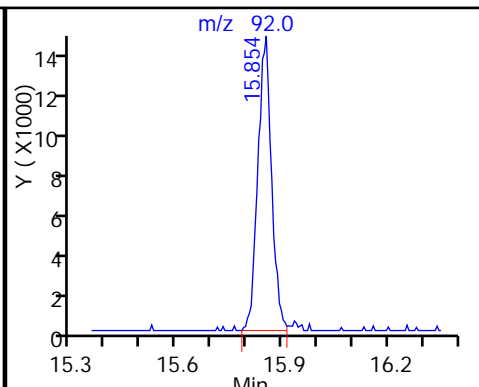
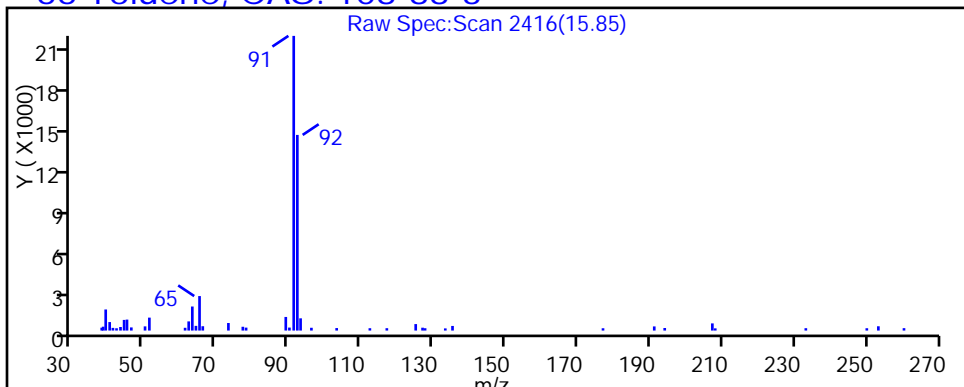
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



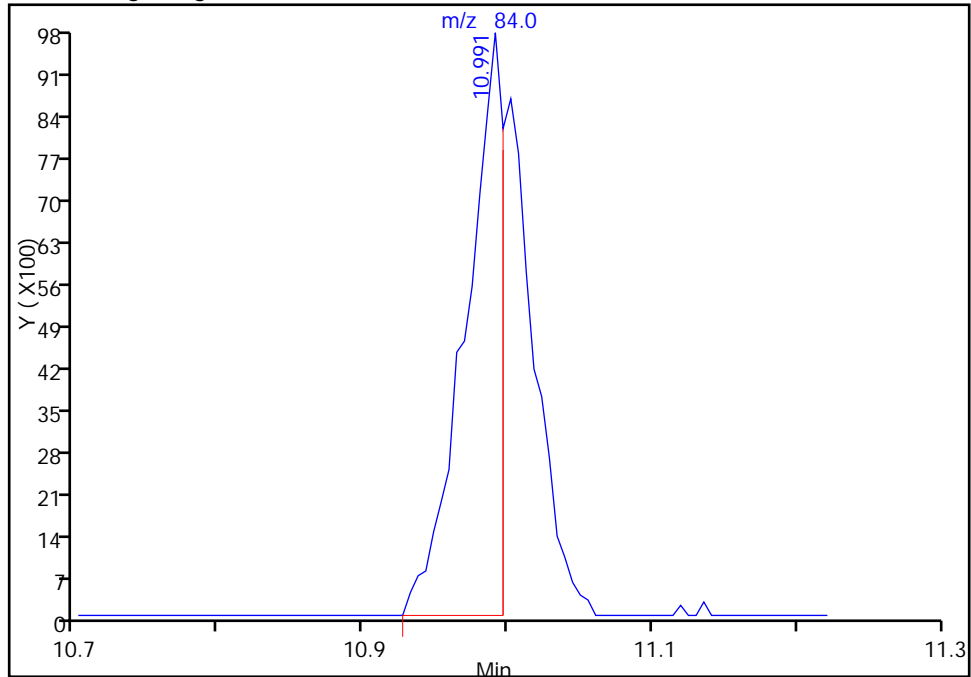
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_027.D
Injection Date: 22-Feb-2014 07:45:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-17 Lab Sample ID: 200-20955-17
Client ID: IA-VMP-6B
Operator ID: bl ALS Bottle#: 24 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

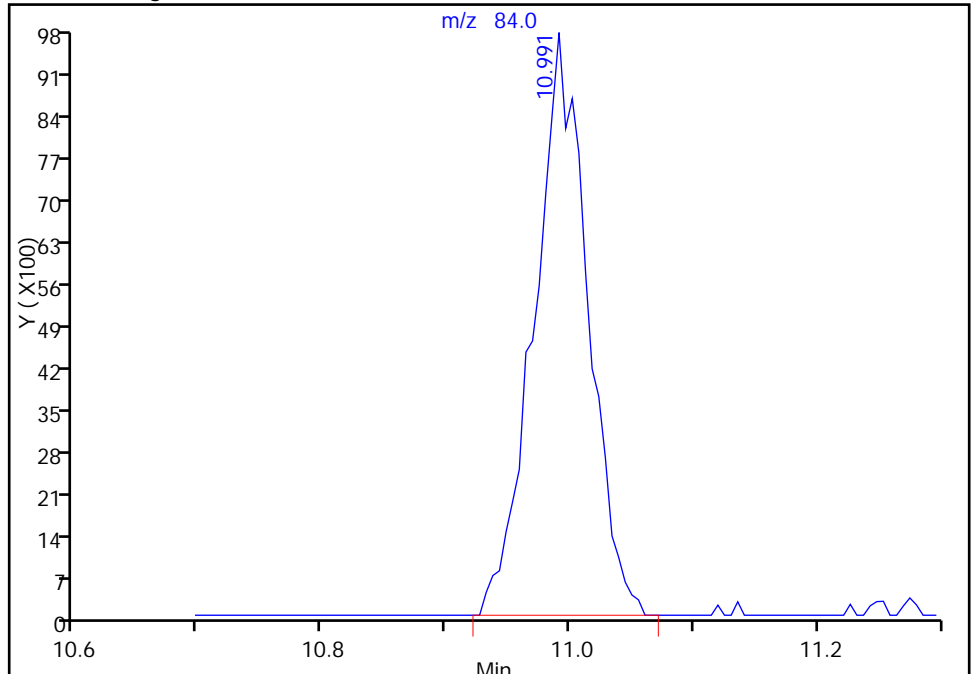
RT: 10.99
Response: 17713
Amount: 0.187377

Processing Integration Results



RT: 10.99
Response: 29217
Amount: 0.309073

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:51:00
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3E Lab Sample ID: 200-20955-19
 Matrix: Air Lab File ID: 6171_024.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 06:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.53		0.50	0.030
75-45-6	Freon 22	86.47	4.1		0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.62		0.50	0.14
106-97-8	n-Butane	58.12	1.4		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.12	J	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.29		0.20	0.030
76-13-1	Freon 113	187.38	0.086	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	6.3		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	46	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	2.2		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.27		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.51		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	0.093	J	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	1.9		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.068		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.094	J	0.20	0.027
71-43-2	Benzene	78.11	0.33		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3E Lab Sample ID: 200-20955-19
 Matrix: Air Lab File ID: 6171_024.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 06:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.088	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.87		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.058	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.083	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.18	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.047	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.23		0.20	0.034
100-42-5	Styrene	104.15	0.031	J	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.70		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.25		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3E Lab Sample ID: 200-20955-19
 Matrix: Air Lab File ID: 6171_024.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:40
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 06:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3E Lab Sample ID: 200-20955-19
 Matrix: Air Lab File ID: 6171_024.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 06:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.6		2.5	0.15
75-45-6	Freon 22	86.47	14		1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.3		1.0	0.28
106-97-8	n-Butane	58.12	3.2		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.27	J	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.6		1.1	0.17
76-13-1	Freon 113	187.38	0.66	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	15		12	3.0
67-63-0	Isopropyl alcohol	60.10	110	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	7.5		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.96		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.27	J	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	6.5		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.43		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.44	J	0.93	0.13
71-43-2	Benzene	78.11	1.1		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3E Lab Sample ID: 200-20955-19
 Matrix: Air Lab File ID: 6171_024.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 06:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	0.36	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	3.3		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.39	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.36	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.79	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.21	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.99		0.87	0.15
100-42-5	Styrene	104.15	0.13	J	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	3.8		1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.4		1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-3E Lab Sample ID: 200-20955-19
 Matrix: Air Lab File ID: 6171_024.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:40
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 06:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d
 Lims ID: 200-20955-A-19 Lab Sample ID: 200-20955-19
 Client ID: IA-VMP-3E
 Sample Type: Client
 Inject. Date: 18-Feb-2014 06:37:30 ALS Bottle#: 6 Worklist Smp#: 24
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-024
 Misc. Info.: 200-20955-A-19
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:48:38 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.501	4.474	0.027	94	83333	0.5338	
6 Chlorodifluoromethane	51	4.426	4.538	-0.112	37	242450	4.10	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50	5.036	5.020	0.016	92	16538	0.6154	
9 Butane	43	5.309	5.287	0.022	95	59261	1.36	
10 Vinyl chloride	62		5.341					
11 Butadiene	54	5.464	5.442	0.022	58	2937	0.1235	
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.213	7.192	0.021	93	50395	0.2880	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.460	8.438	0.022	78	9391	0.0858	
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.775	8.749	0.027	87	314602	6.35	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.128	9.027	0.101	97	1893816	45.6	E
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.749	9.733	0.016	81	74247	2.15	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.664	10.648	0.016	86	13015	0.2724	
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72	12.402	12.392	0.010	94	10741	0.5117	
44 Tetrahydrofuran	42	12.873	12.852	0.021	28	2866	0.0927	
* 43 Chlorobromomethane	128	12.868	12.852	0.016	69	341368	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.274	13.258	0.016	83	113156	1.90	
47 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117	13.536	13.531	0.005	86	10656	0.0684	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	51 Isooctane		57	13.932	13.927	0.005	80	14861	0.0935	
	50 Benzene		78	13.991	13.986	0.005	92	46905	0.3294	
	52 1,2-Dichloroethane		62		14.141					
	53 n-Heptane		43		14.275					
*	54 1,4-Difluorobenzene		114	14.751	14.746	0.005	93	1633931	10.0	
	56 Trichloroethene		95		15.206					
	58 1,2-Dichloropropane		63		15.730					
	59 Methyl methacrylate		69	15.826	15.810	0.016	82	3963	0.0881	
	60 1,4-Dioxane		88		15.901					
	62 Dichlorobromomethane		83		16.222					
	64 cis-1,3-Dichloropropene		75		17.083					
	65 4-Methyl-2-pentanone (MIBK)		43		17.319					
	66 Toluene		92	17.672	17.661	0.011	94	93105	0.8681	
	70 trans-1,3-Dichloropropene		75		18.191					
	71 1,1,2-Trichloroethane		83		18.560					
	72 Tetrachloroethene		166	18.699	18.694	0.005	89	7683	0.0576	
	73 2-Hexanone		43		18.950					
	74 Chlorodibromomethane		129		19.314					
	75 Ethylene Dibromide		107		19.598					
S	82 Xylenes, Total		106				0		0.2290	7
*	76 Chlorobenzene-d5		117	20.448	20.443	0.005	84	1478873	10.0	
	77 Chlorobenzene		112		20.496					
	78 Ethylbenzene		91	20.625	20.614	0.011	85	20907	0.0834	
	80 m-Xylene & p-Xylene		106	20.828	20.833	-0.005	99	18354	0.1816	
	83 o-Xylene		106	21.550	21.545	0.005	78	4519	0.0474	
	84 Styrene		104	21.582	21.582	0.0	46	4416	0.0312	
	85 Bromoform		173		21.962					
\$	87 4-Bromofluorobenzene		95	22.444	22.444	0.0	97	1003258	NC	
	88 1,1,2,2-Tetrachloroethane		83		22.668					
	90 N-Propylbenzene		91		22.743					
	91 4-Ethyltoluene		105		22.909					
	92 2-Chlorotoluene		91		22.941					
	94 1,3,5-Trimethylbenzene		105		23.000					
	96 tert-Butylbenzene		119		23.476					
	97 1,2,4-Trimethylbenzene		105		23.573					
	98 sec-Butylbenzene		105	23.931	23.808	0.123	37	276672	0.6963	
	99 4-Isopropyltoluene		119	23.931	24.011	-0.080	39	87034	0.2490	
	100 1,3-Dichlorobenzene		146		24.081					
	101 1,4-Dichlorobenzene		146		24.225					
	102 Benzyl chloride		91		24.434					
	103 n-Butylbenzene		91		24.653					
	105 1,2-Dichlorobenzene		146		24.830					
	107 1,2,4-Trichlorobenzene		180		27.724					
	108 Hexachlorobutadiene		225		27.927					
	109 Naphthalene		128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Worklist Smp#: 24

Client ID: IA-VMP-3E

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

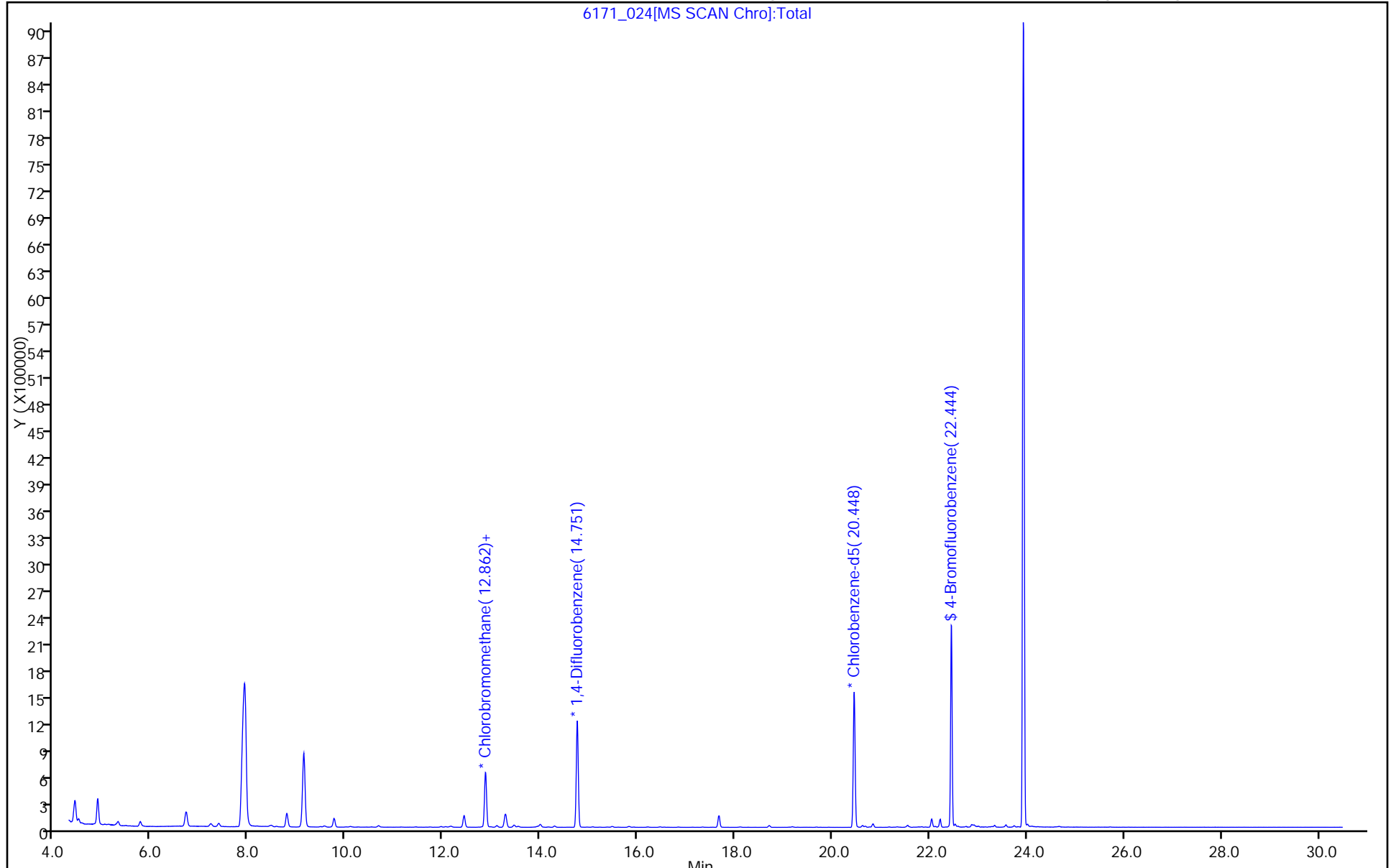
ALS Bottle#: 6

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

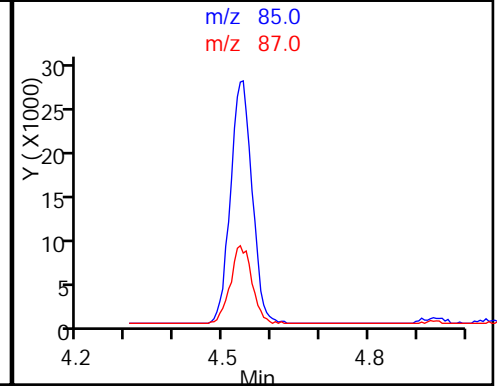
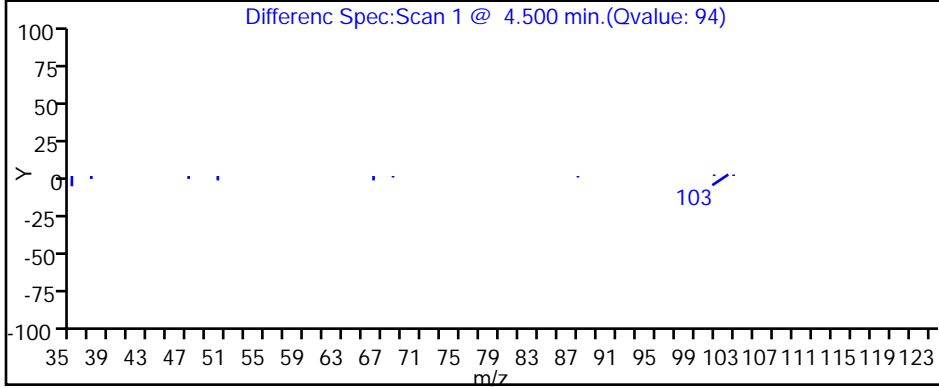
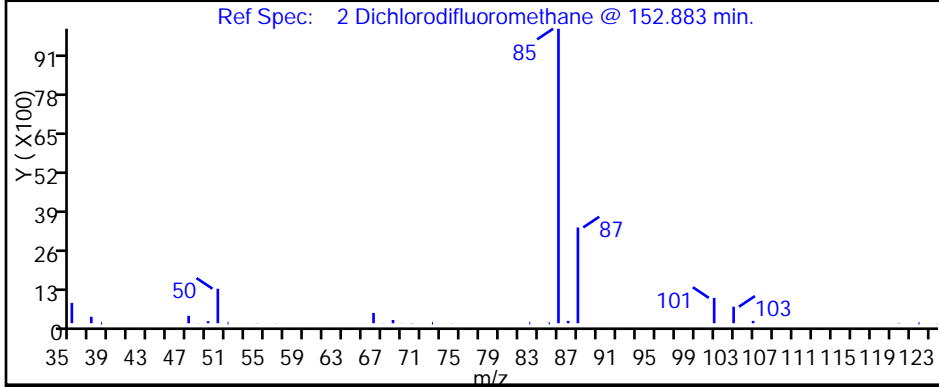
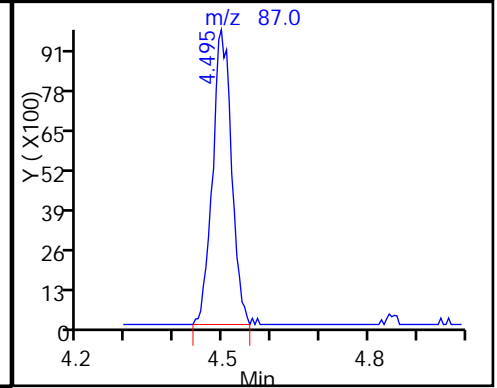
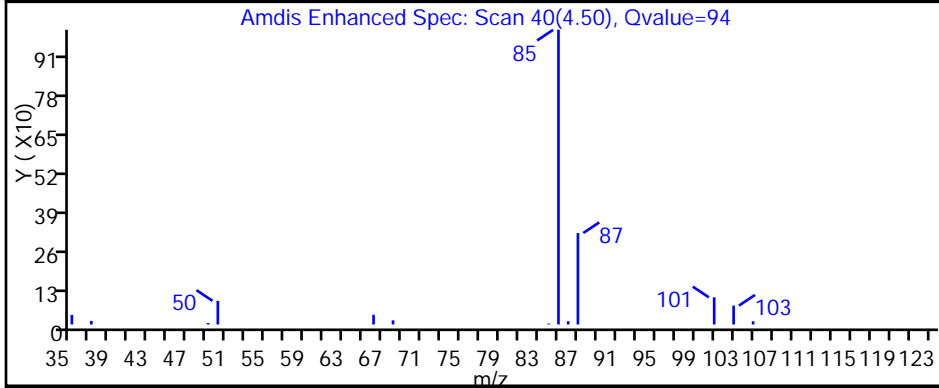
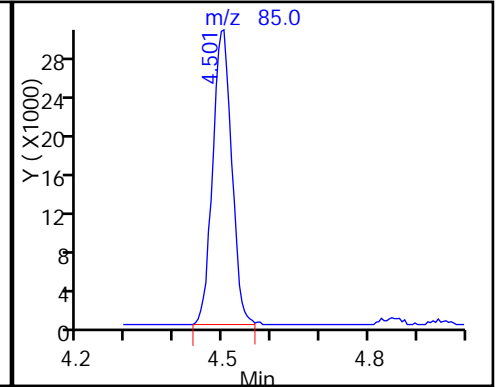
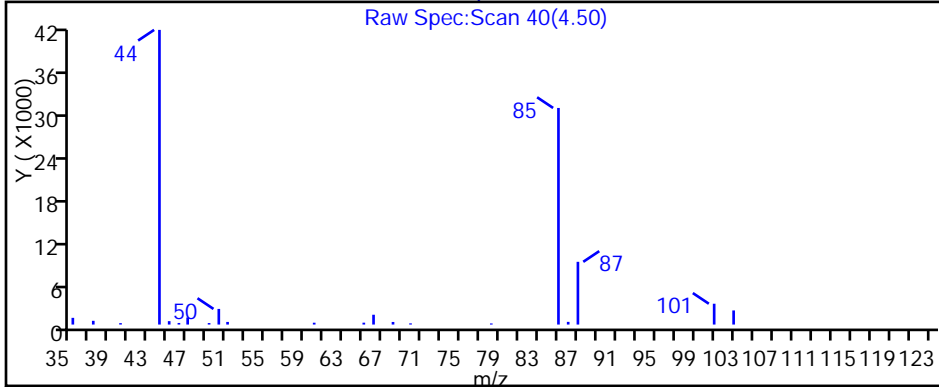
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

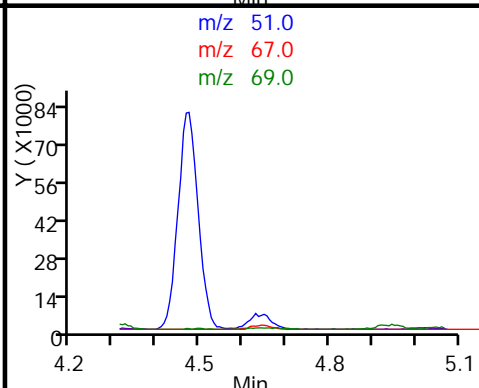
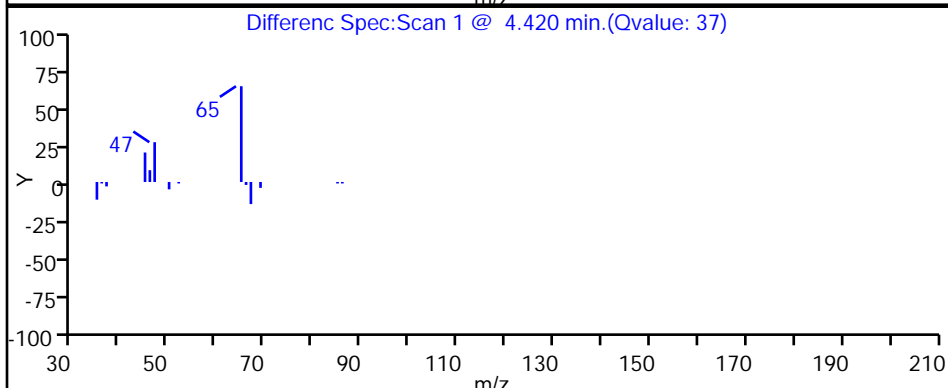
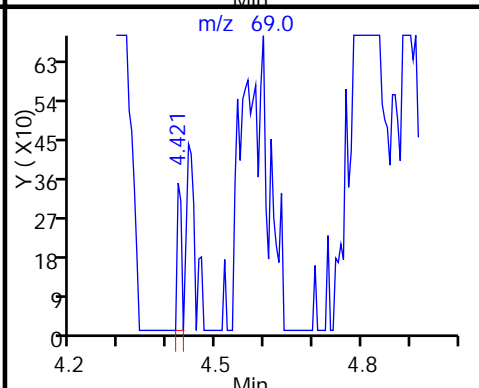
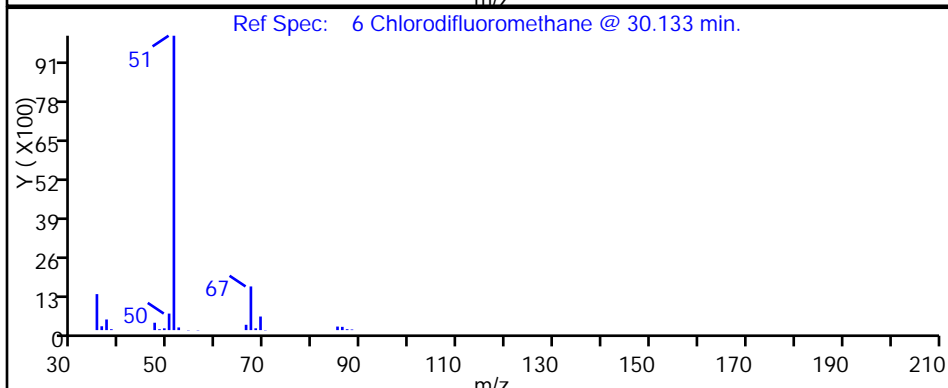
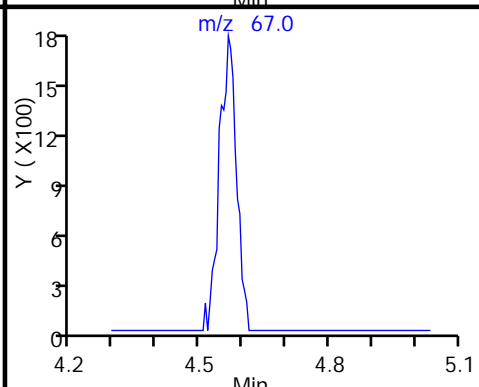
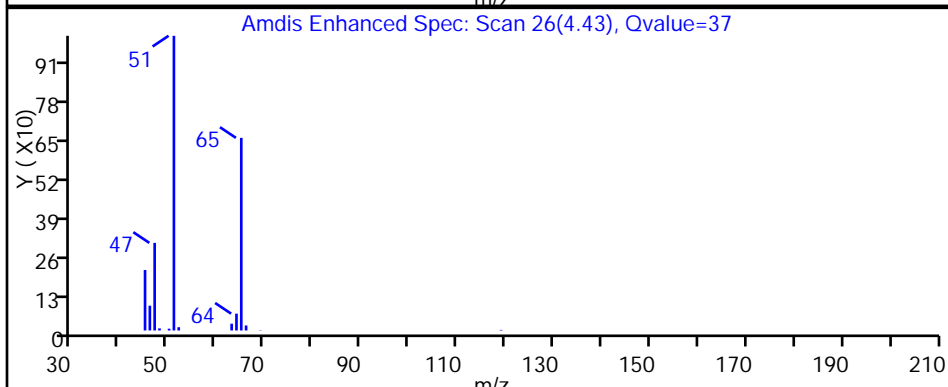
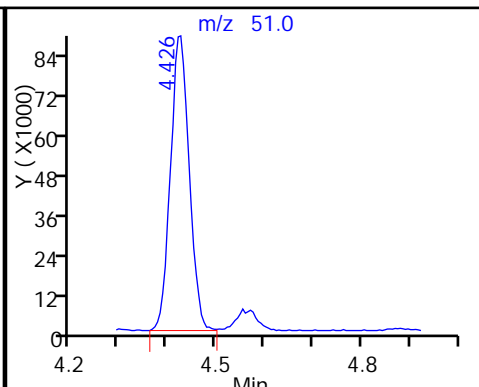
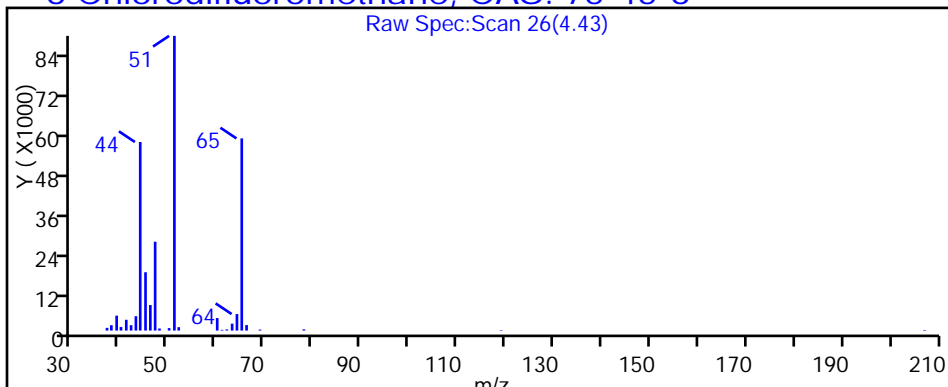
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

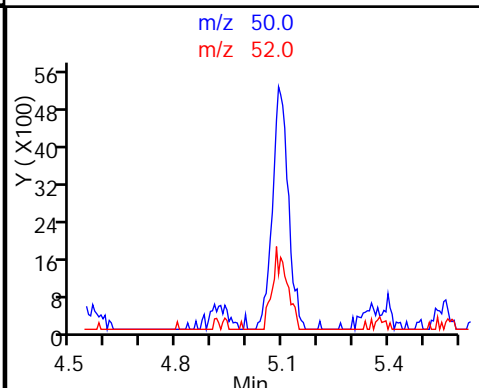
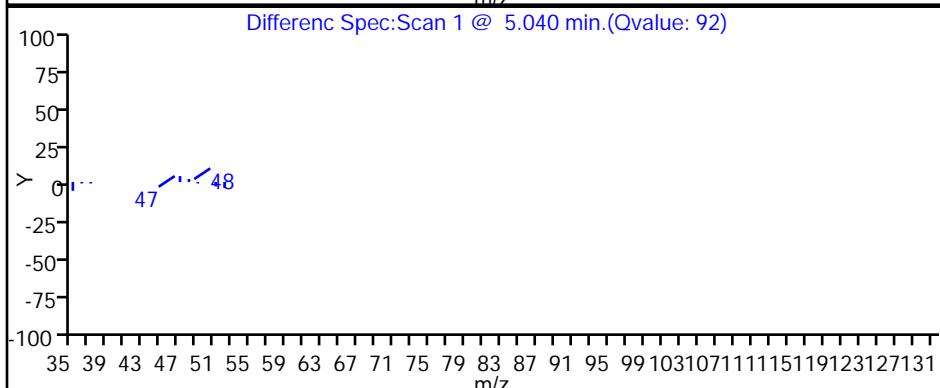
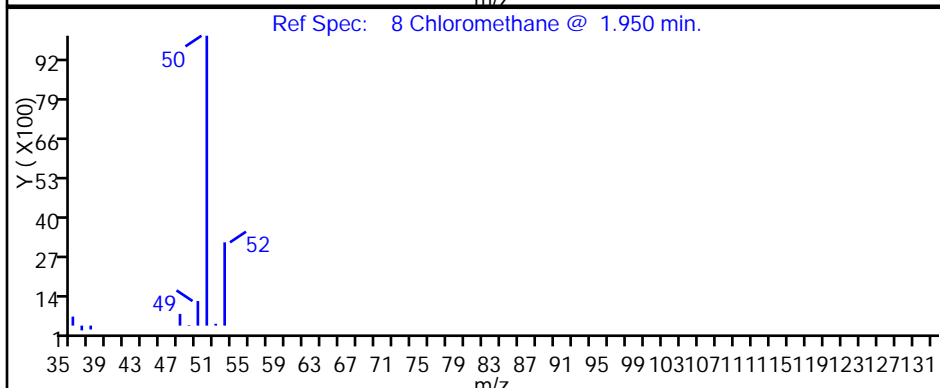
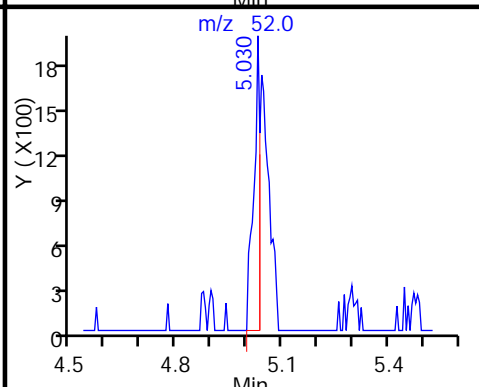
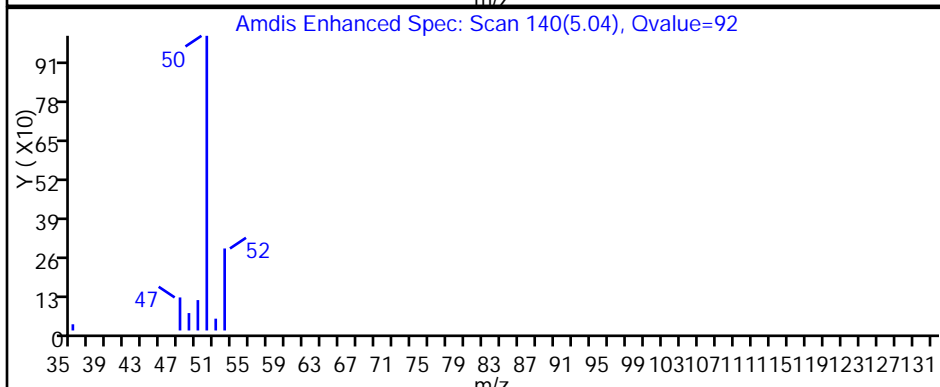
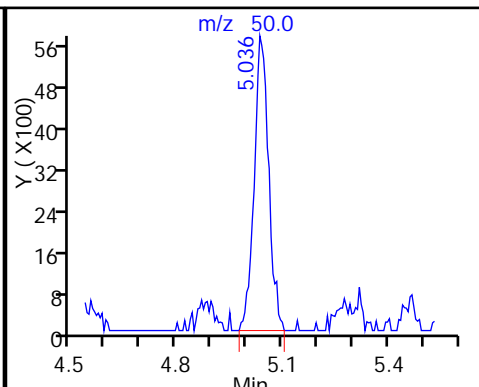
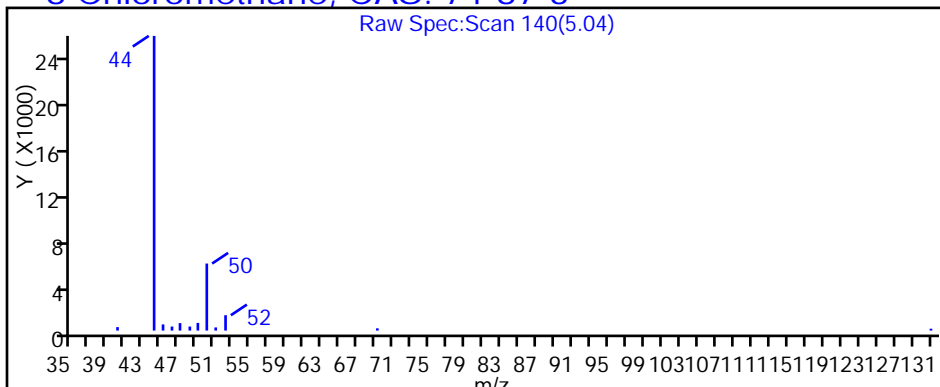
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

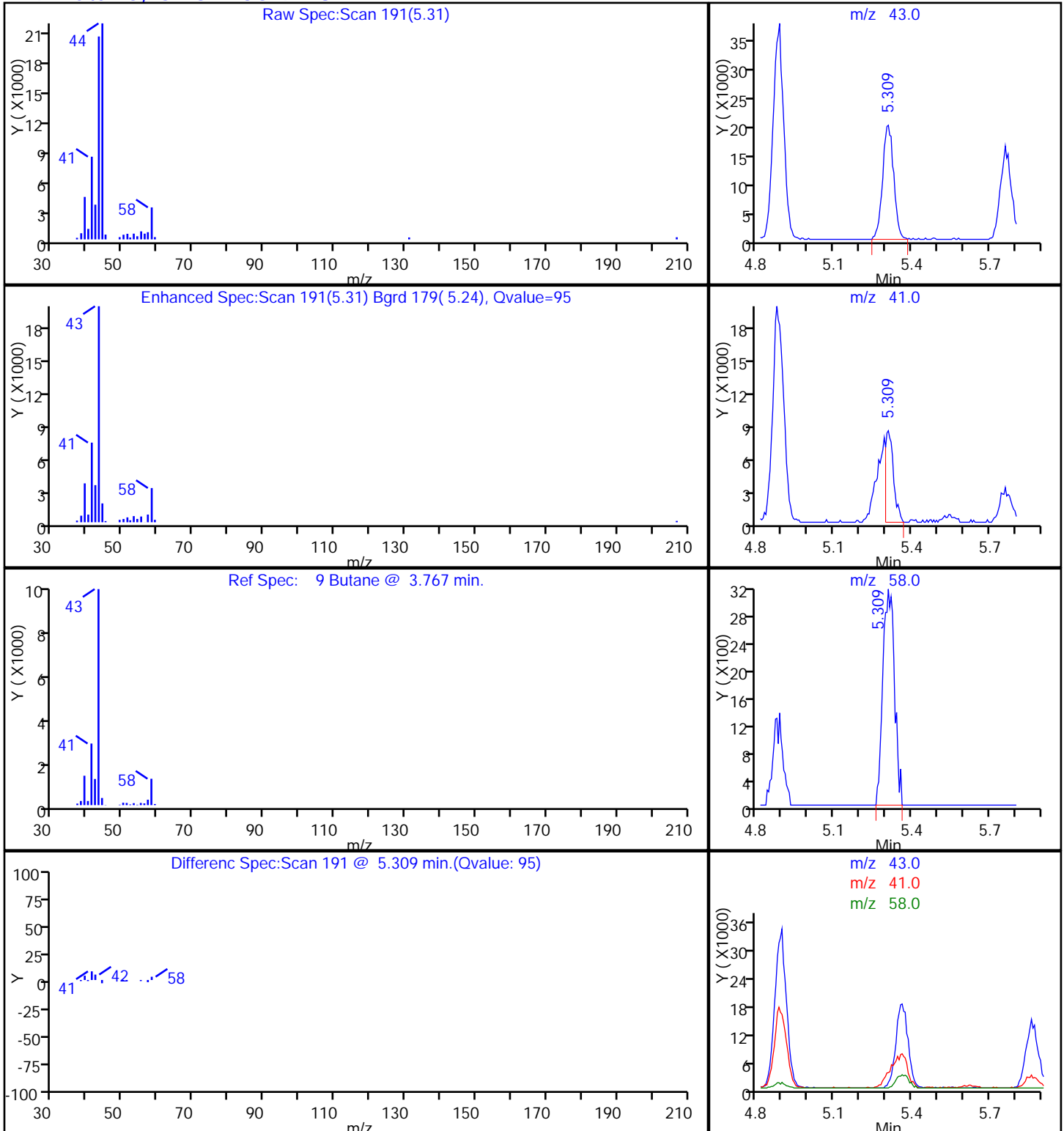
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

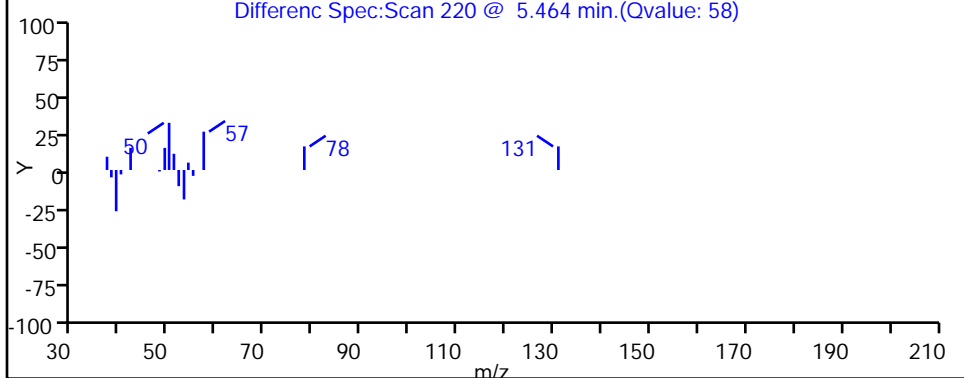
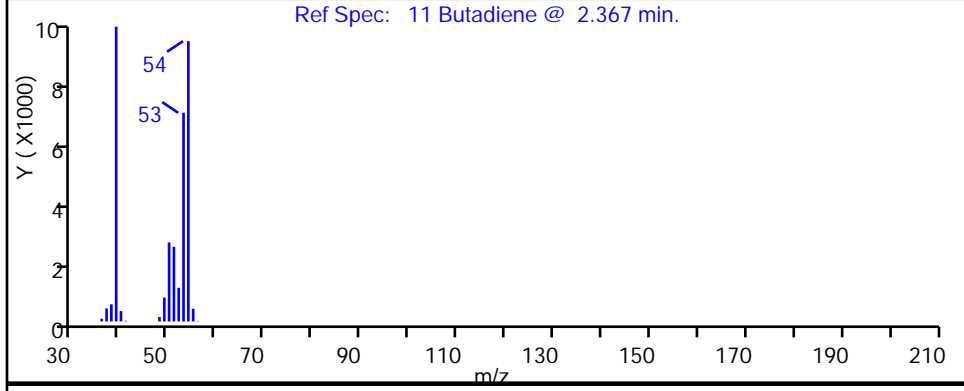
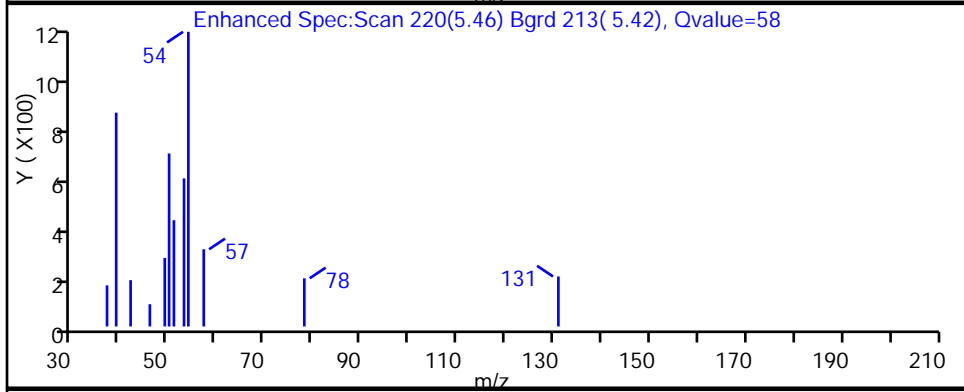
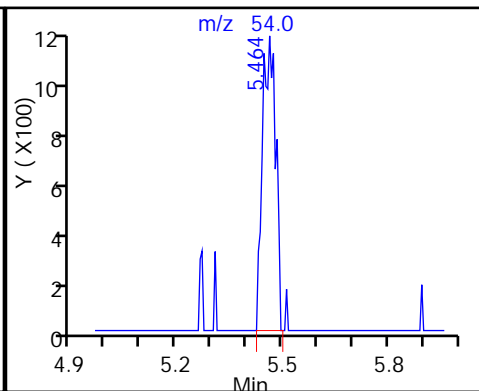
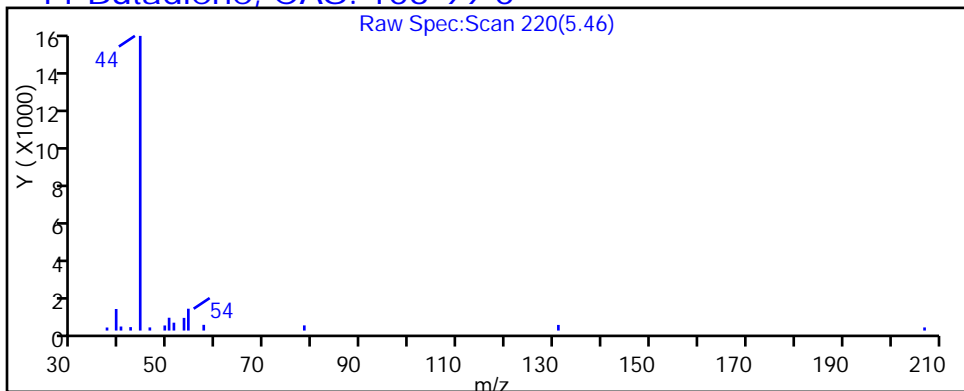
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

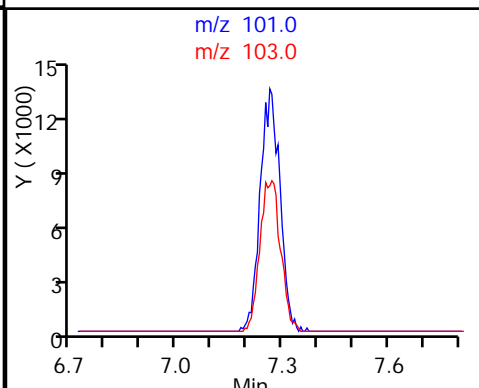
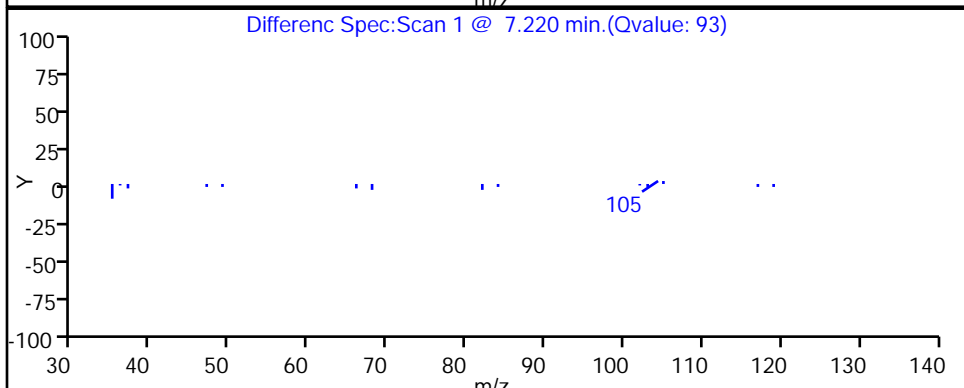
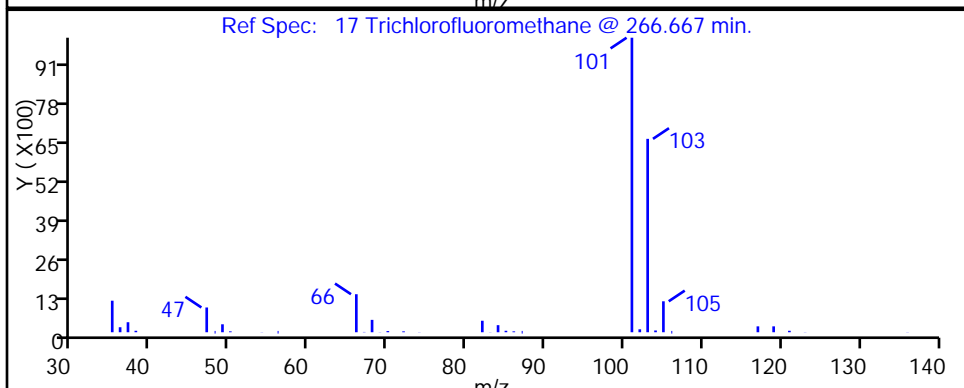
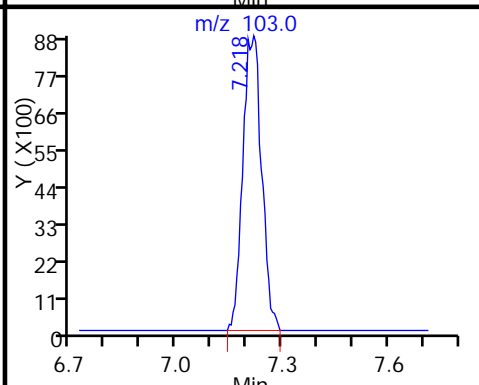
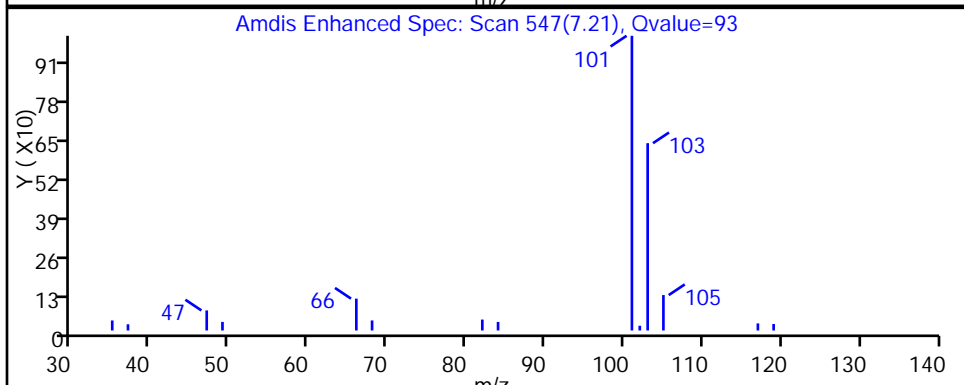
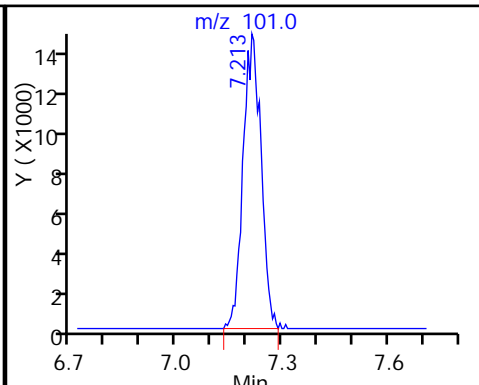
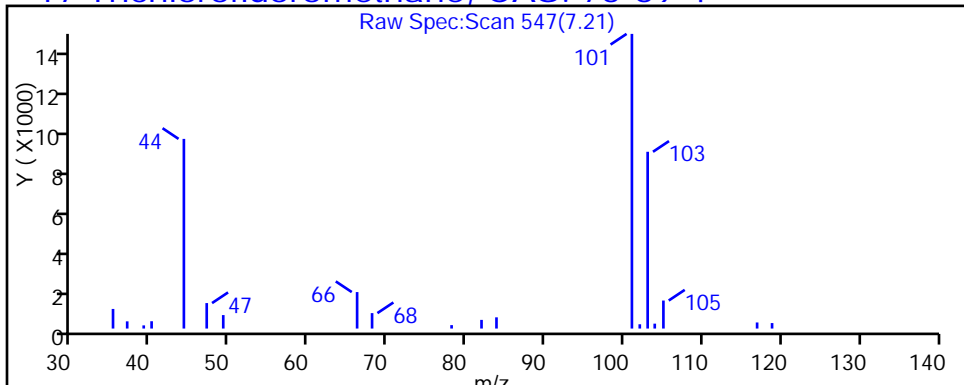
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

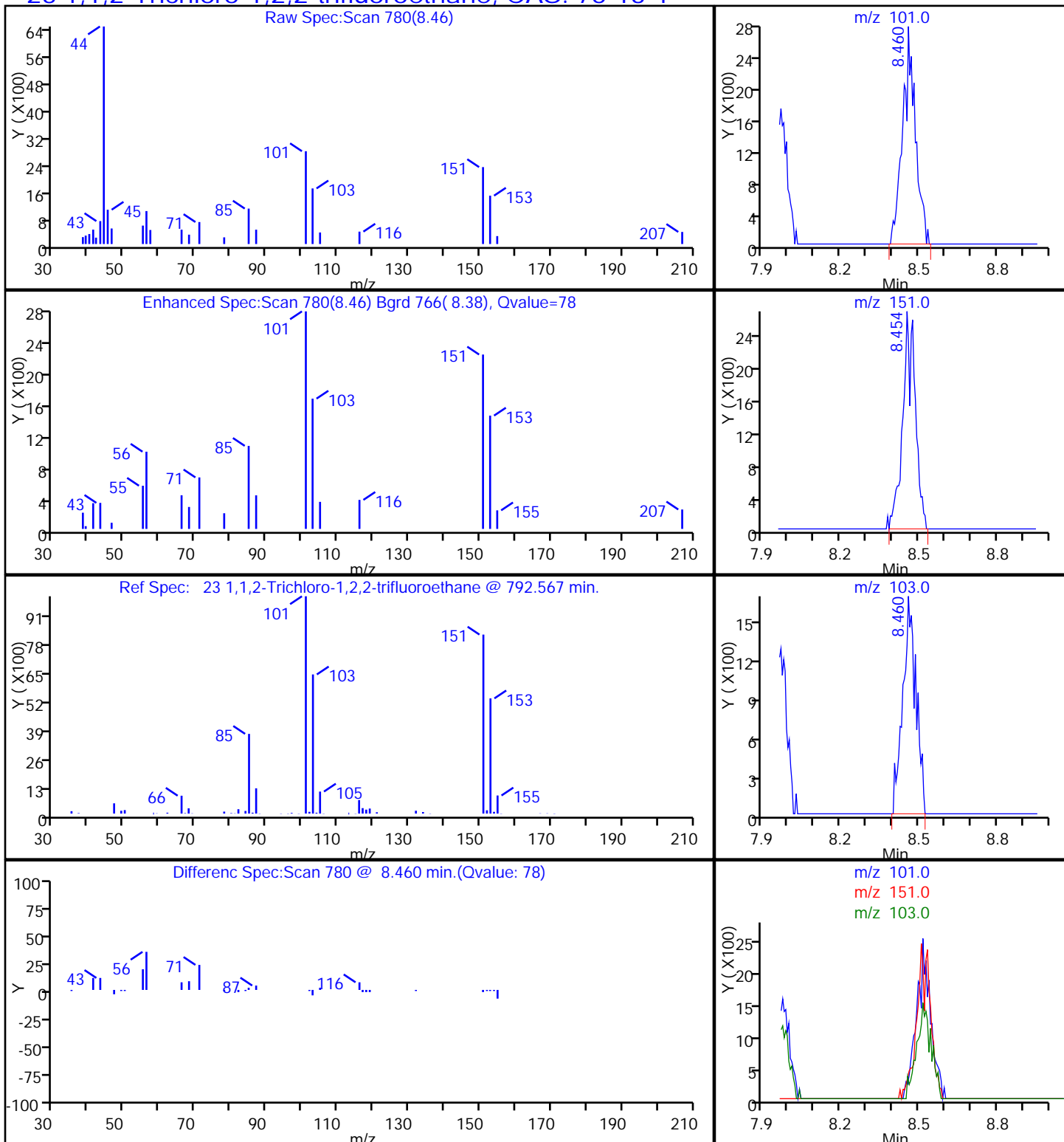
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

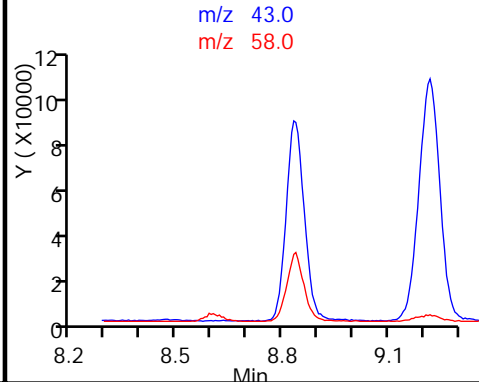
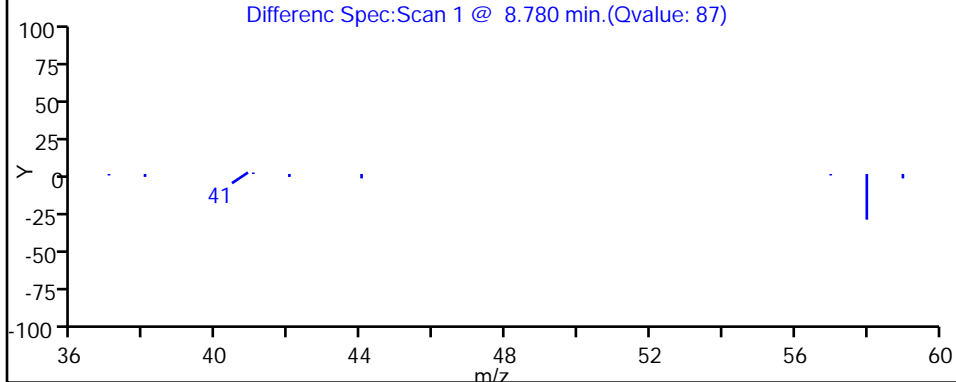
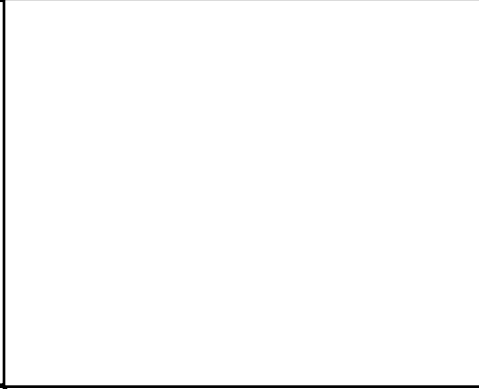
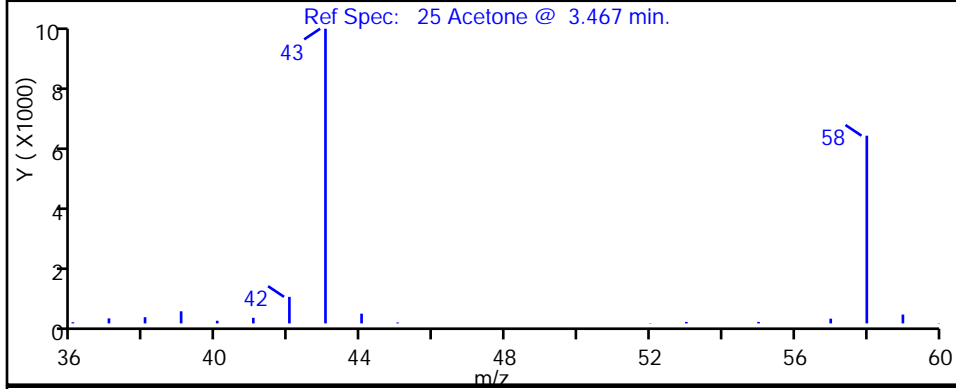
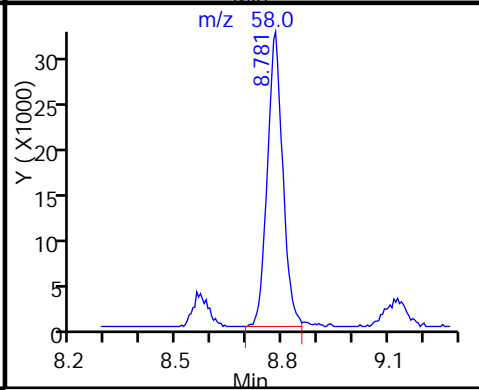
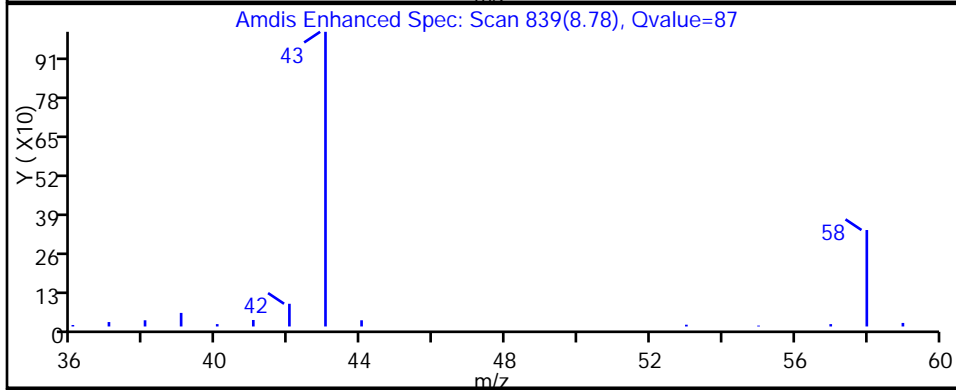
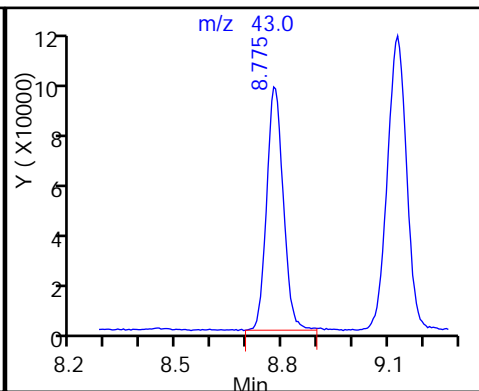
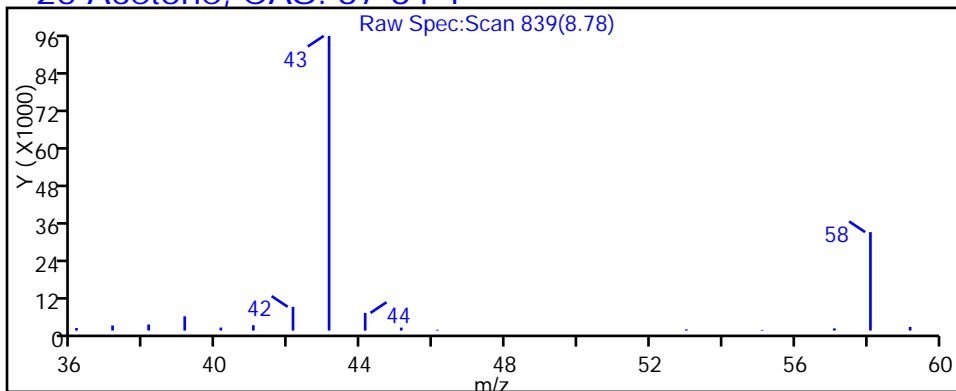
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

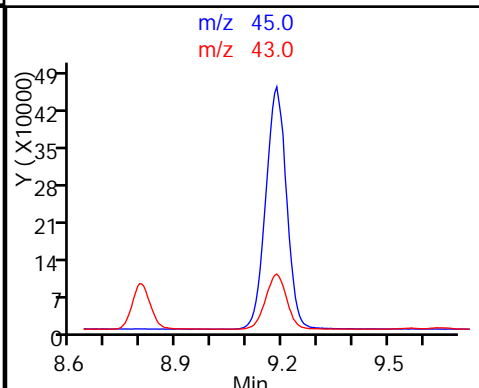
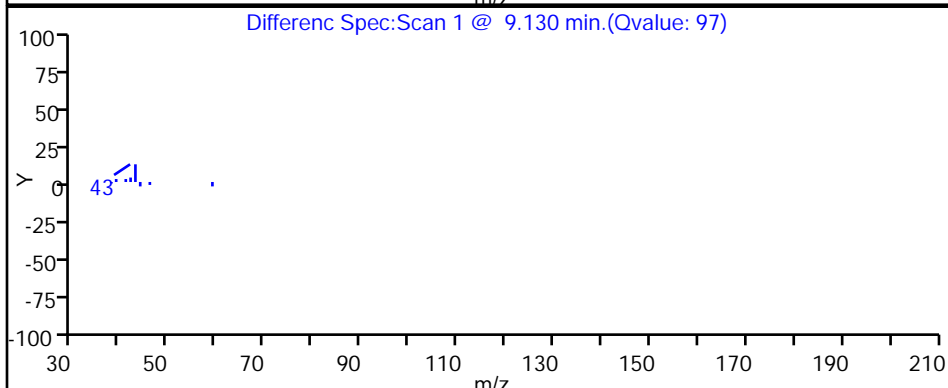
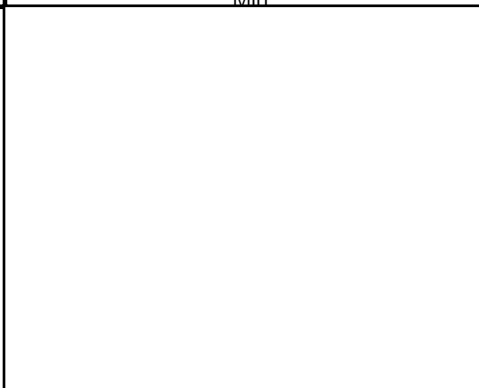
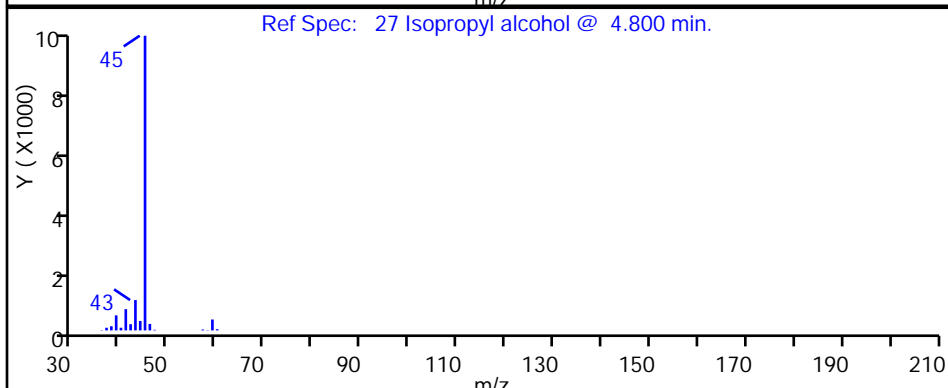
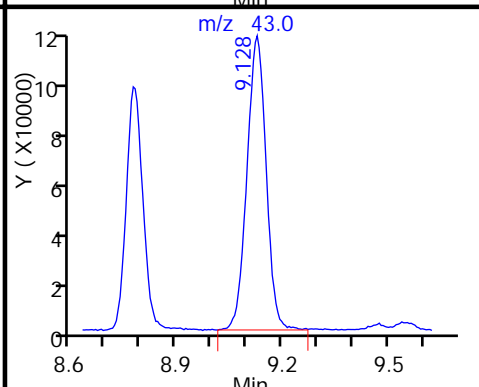
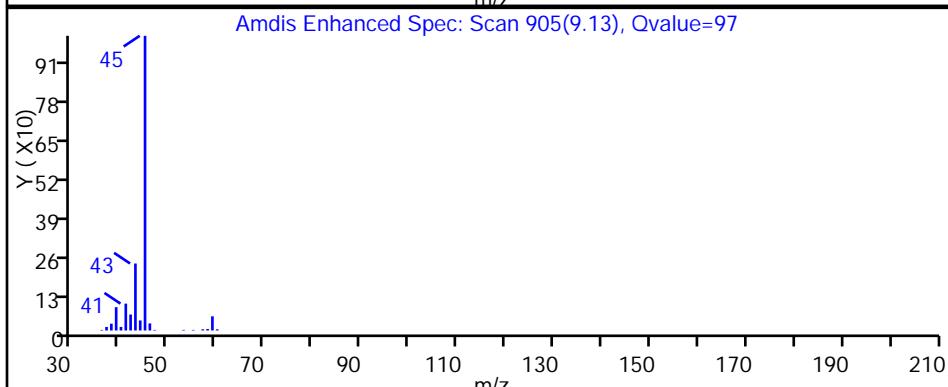
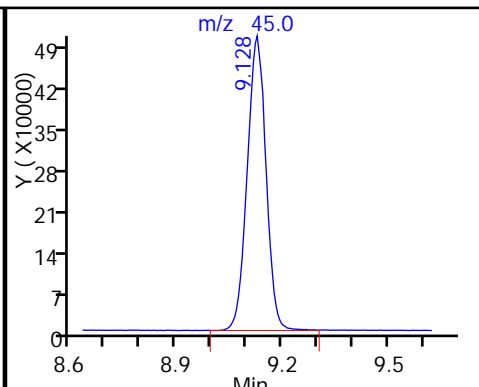
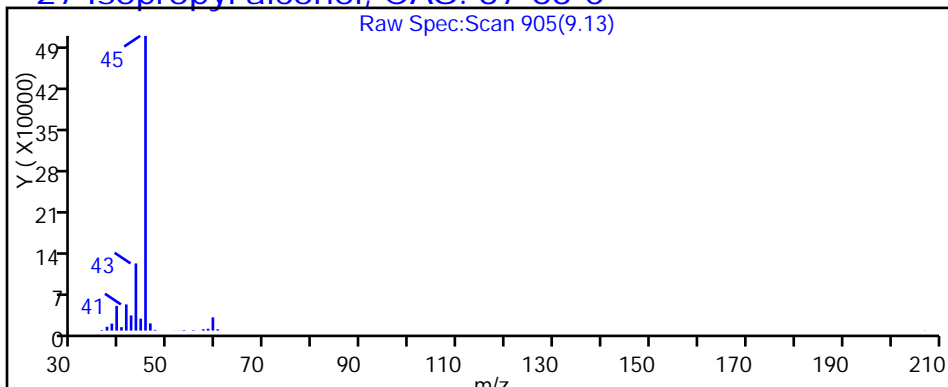
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

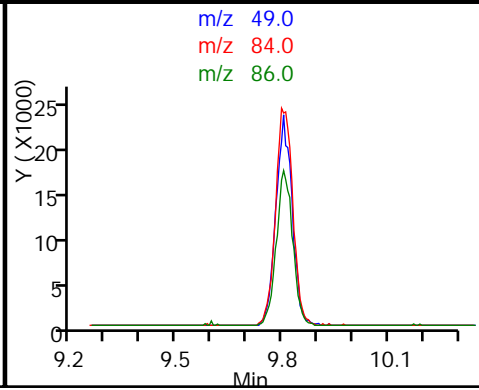
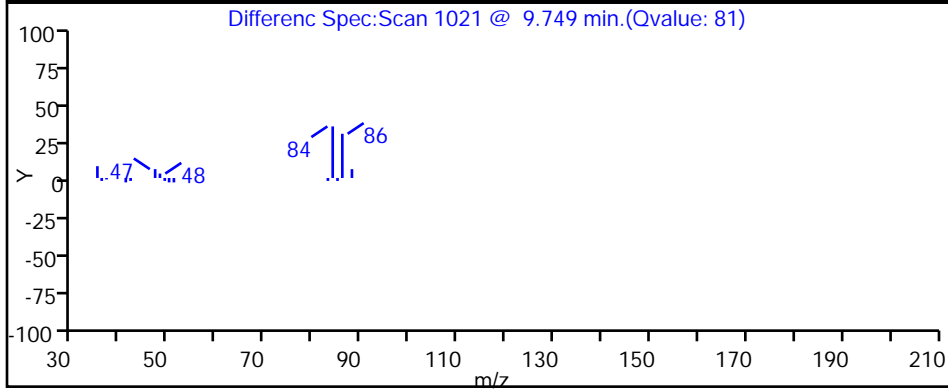
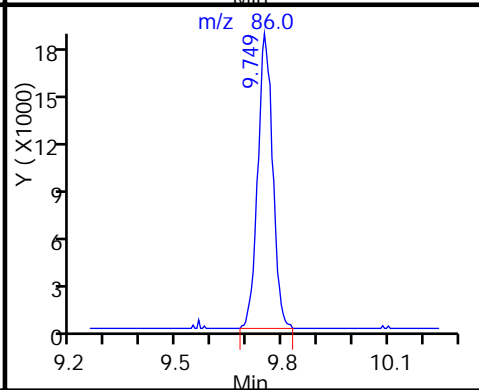
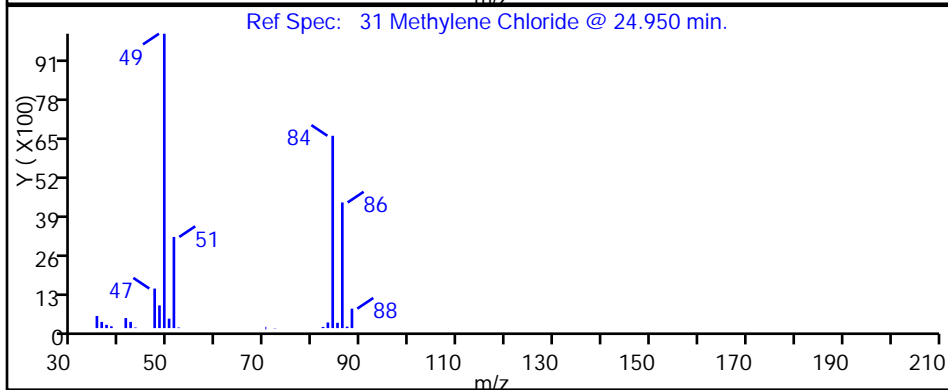
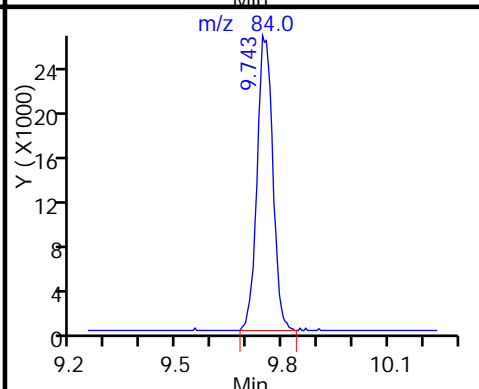
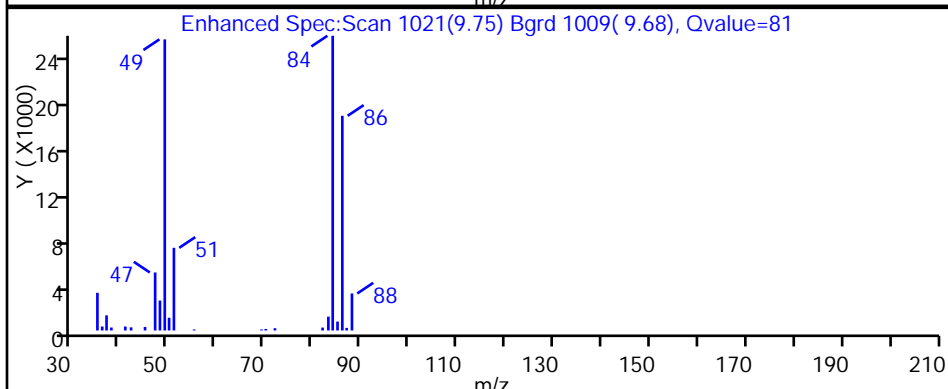
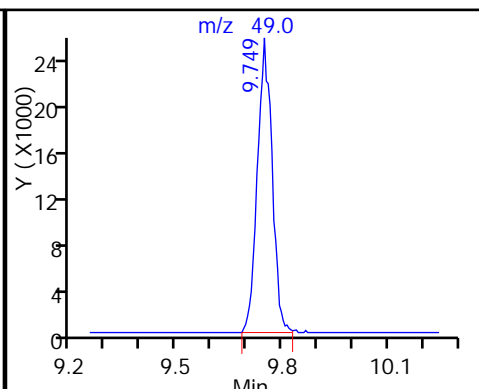
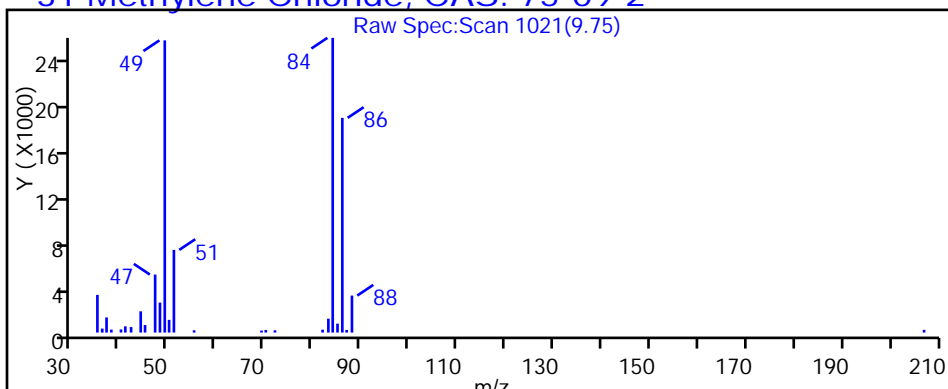
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

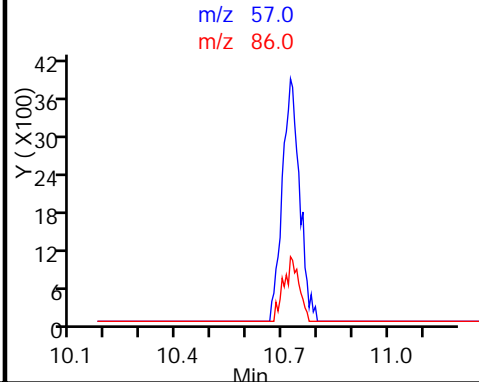
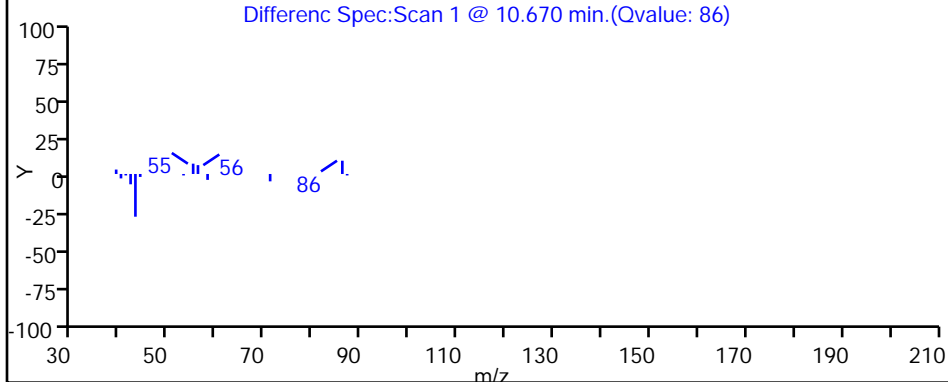
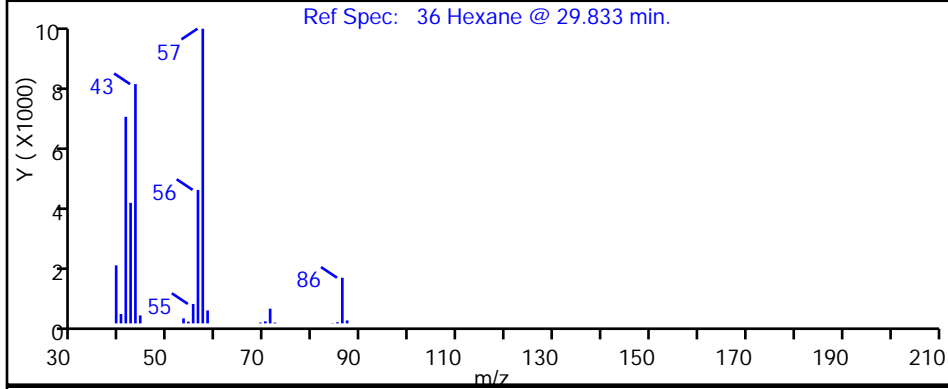
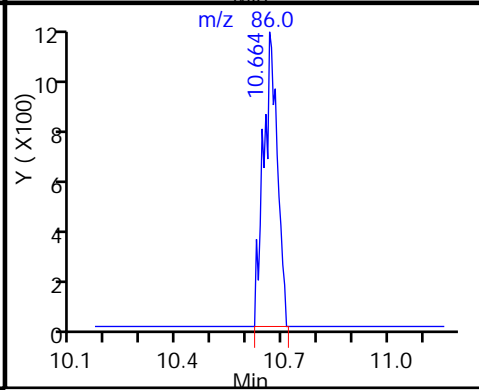
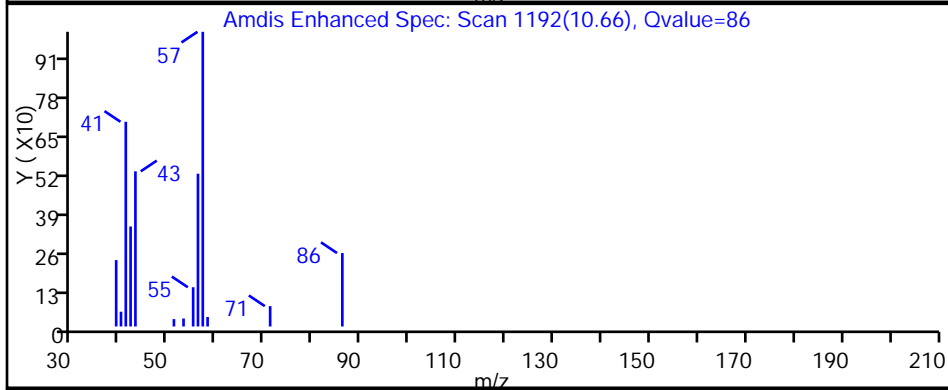
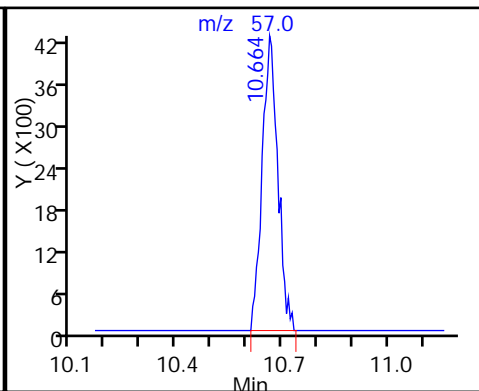
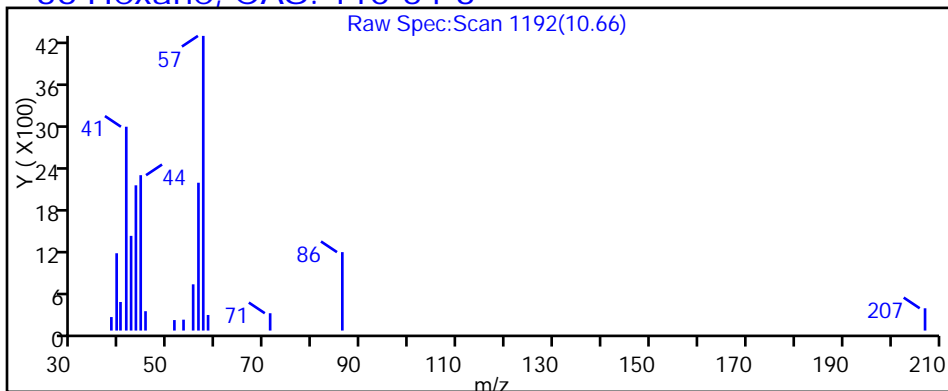
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

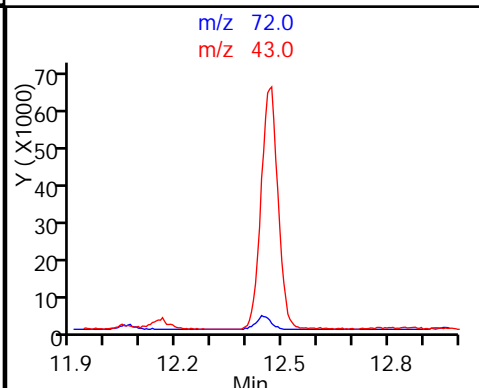
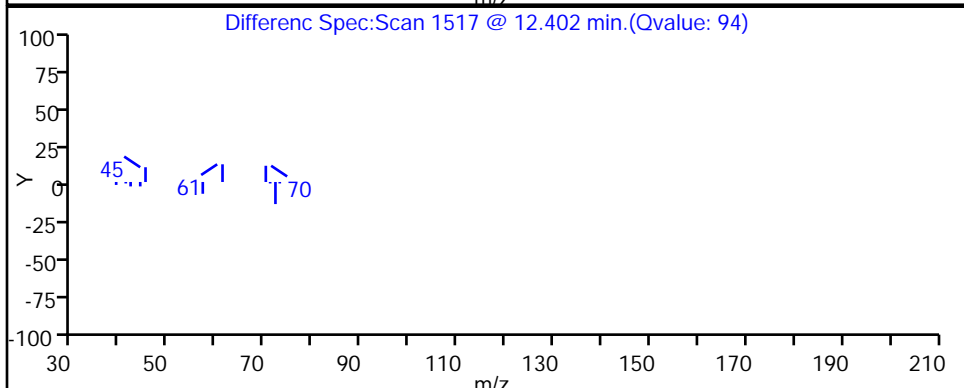
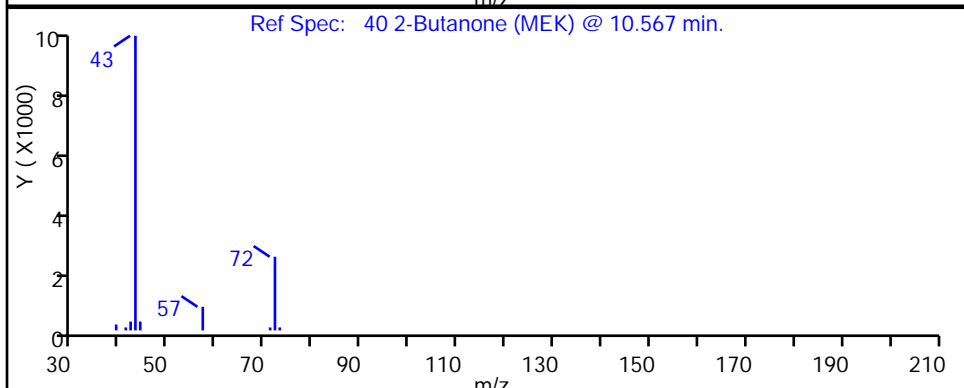
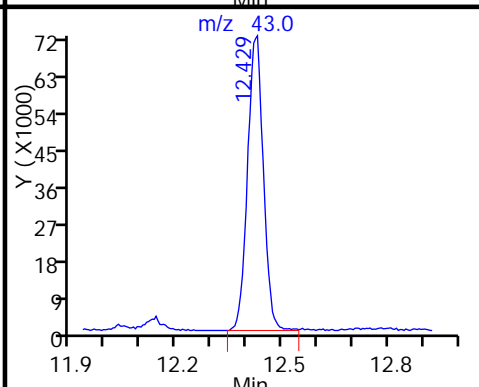
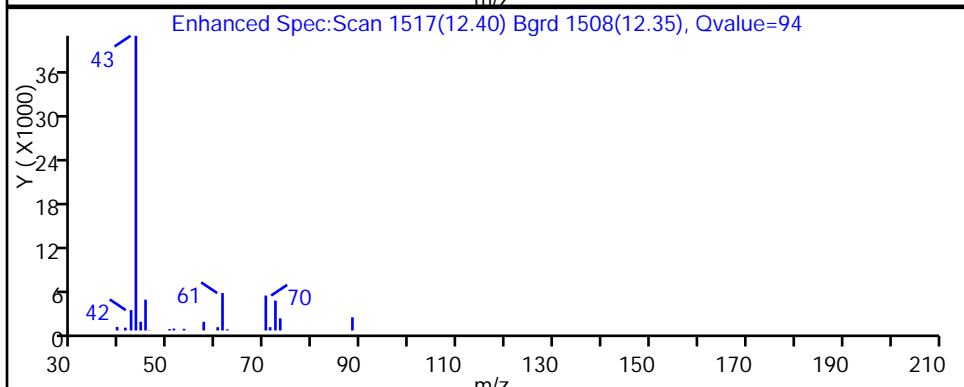
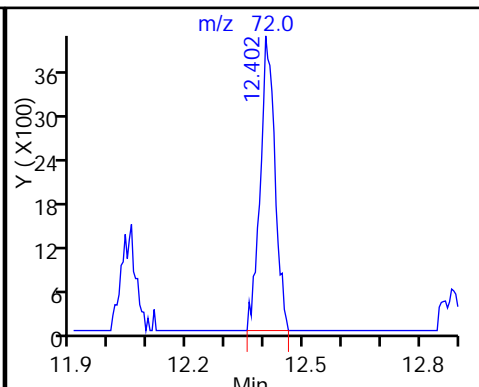
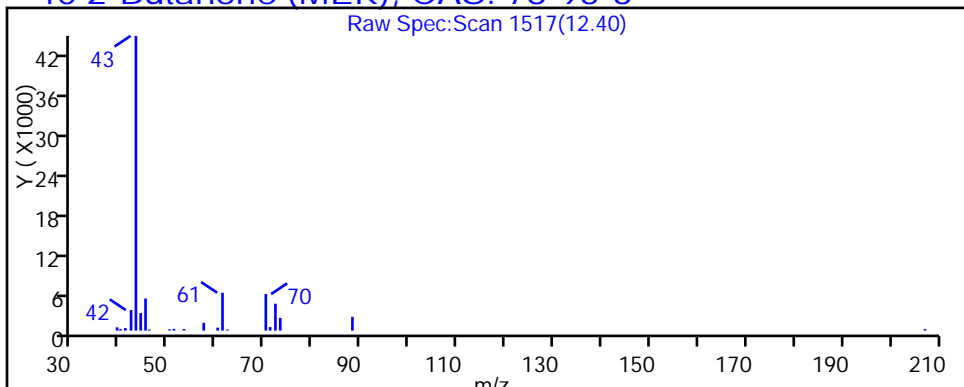
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

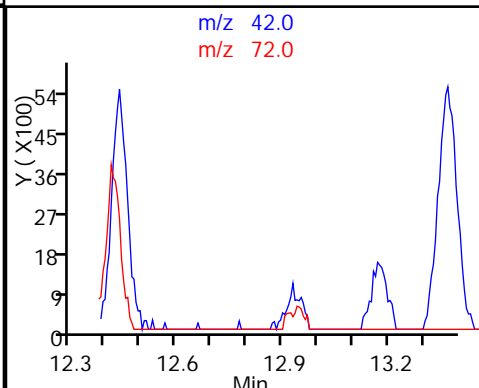
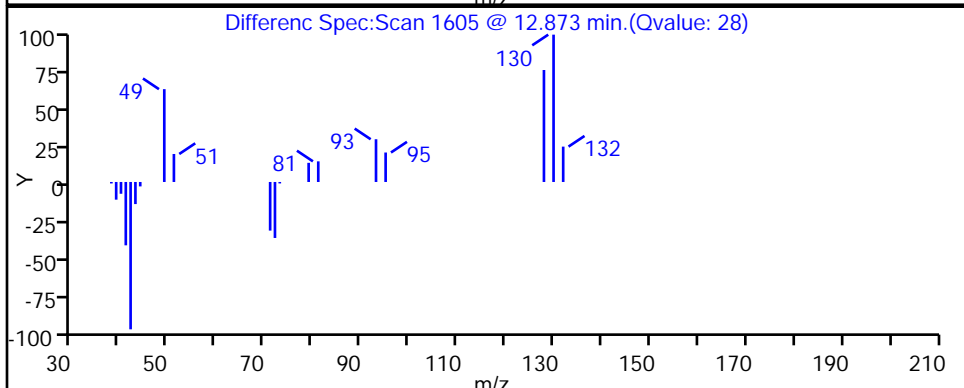
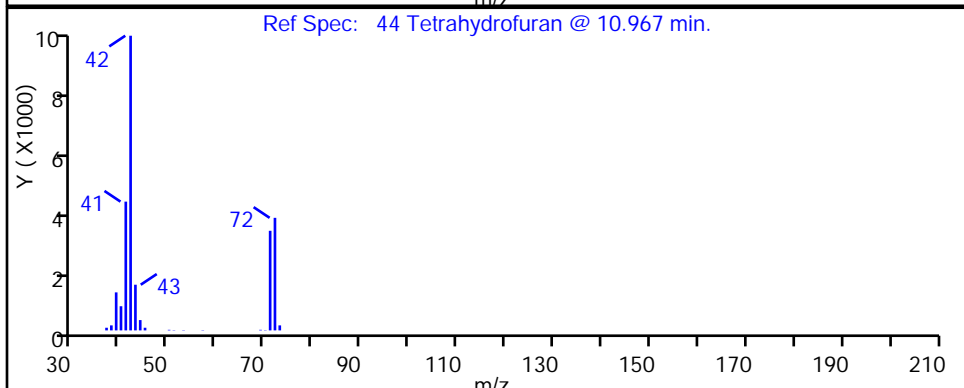
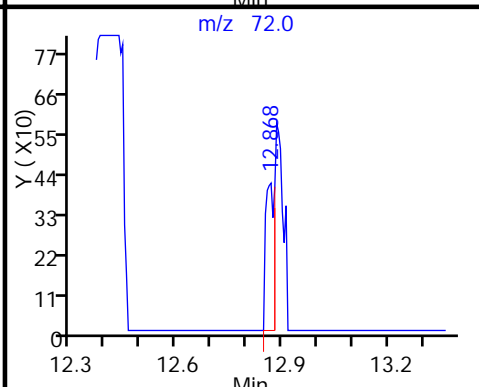
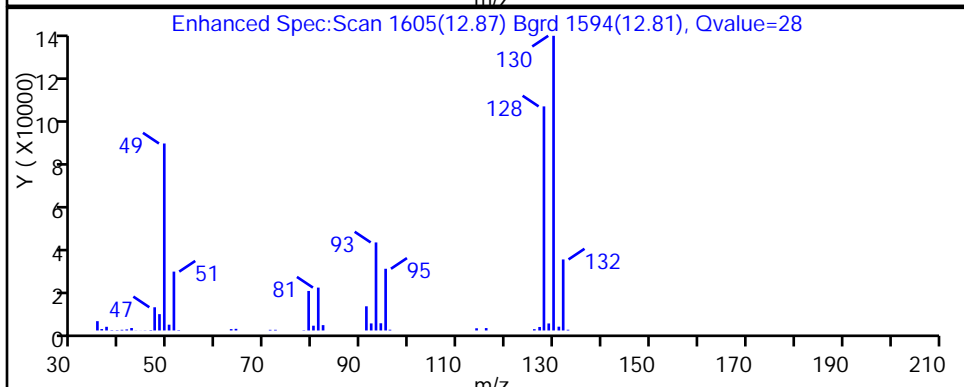
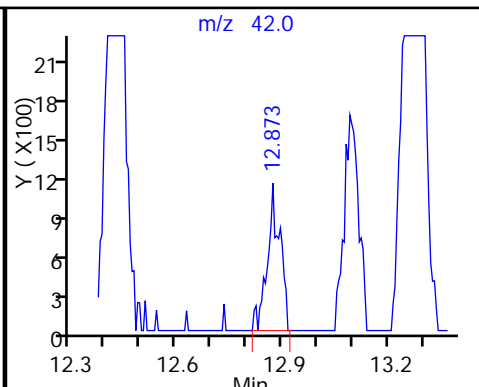
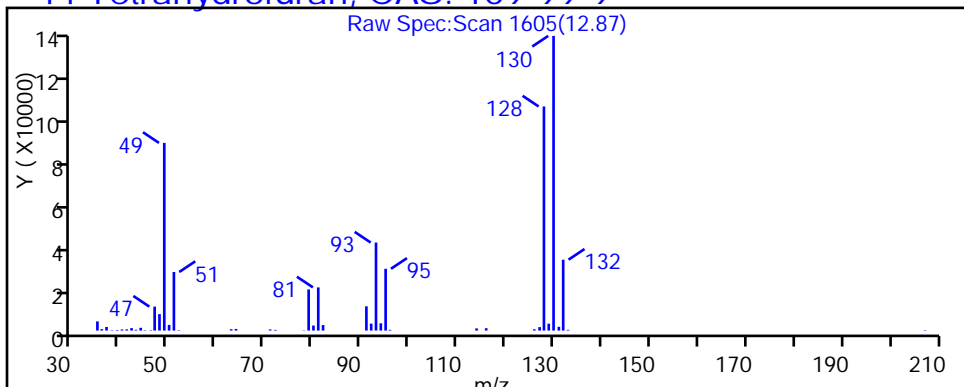
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

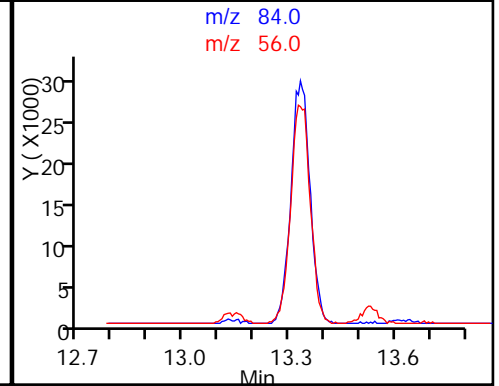
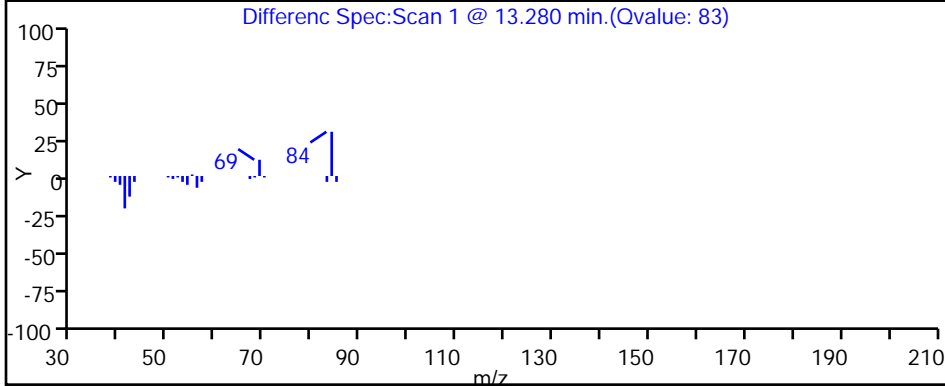
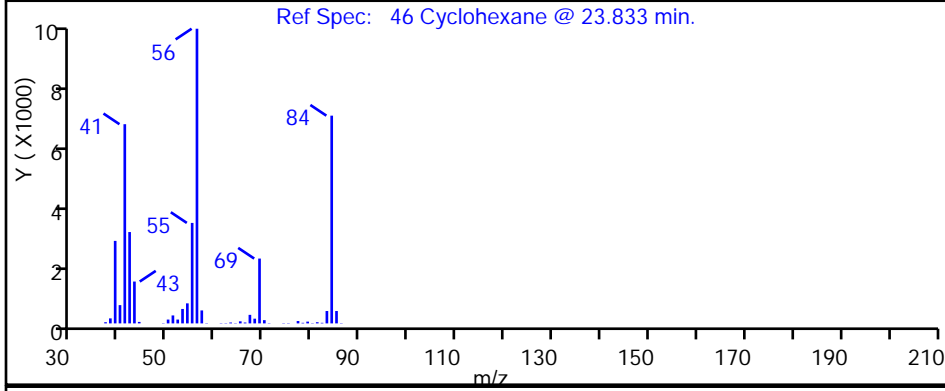
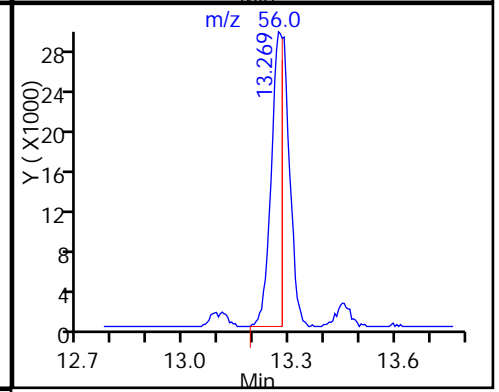
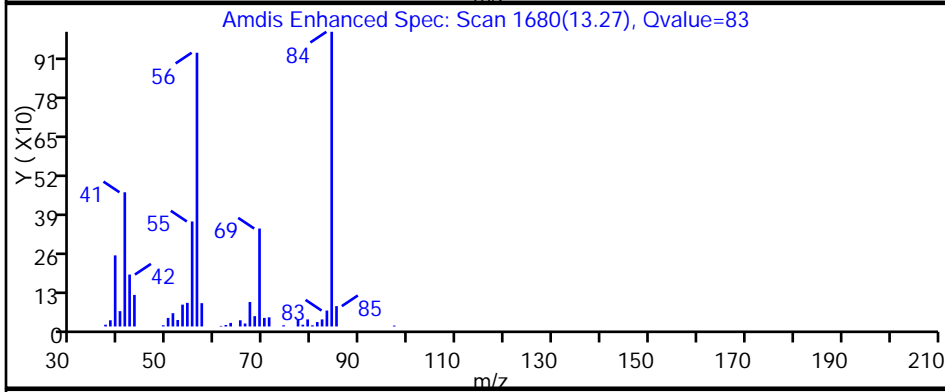
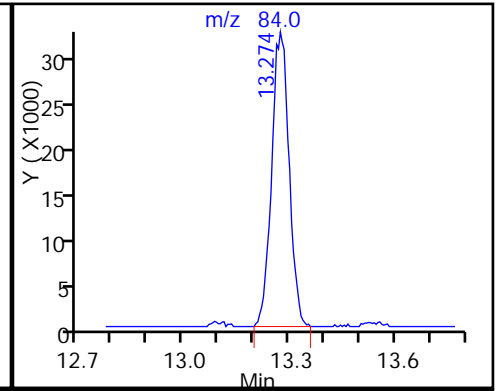
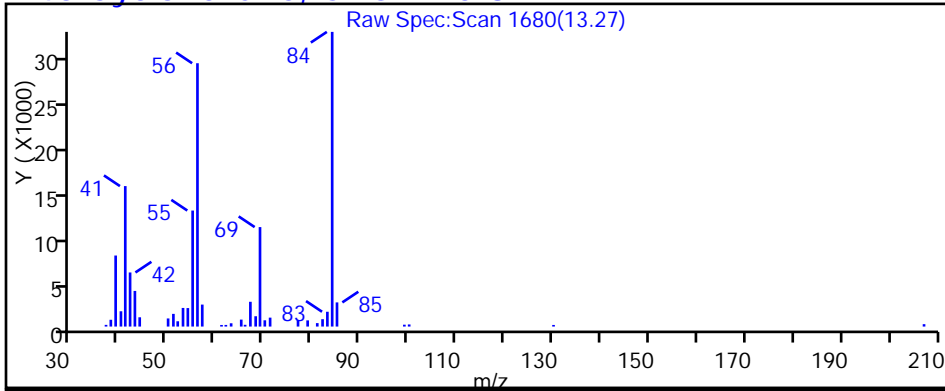
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

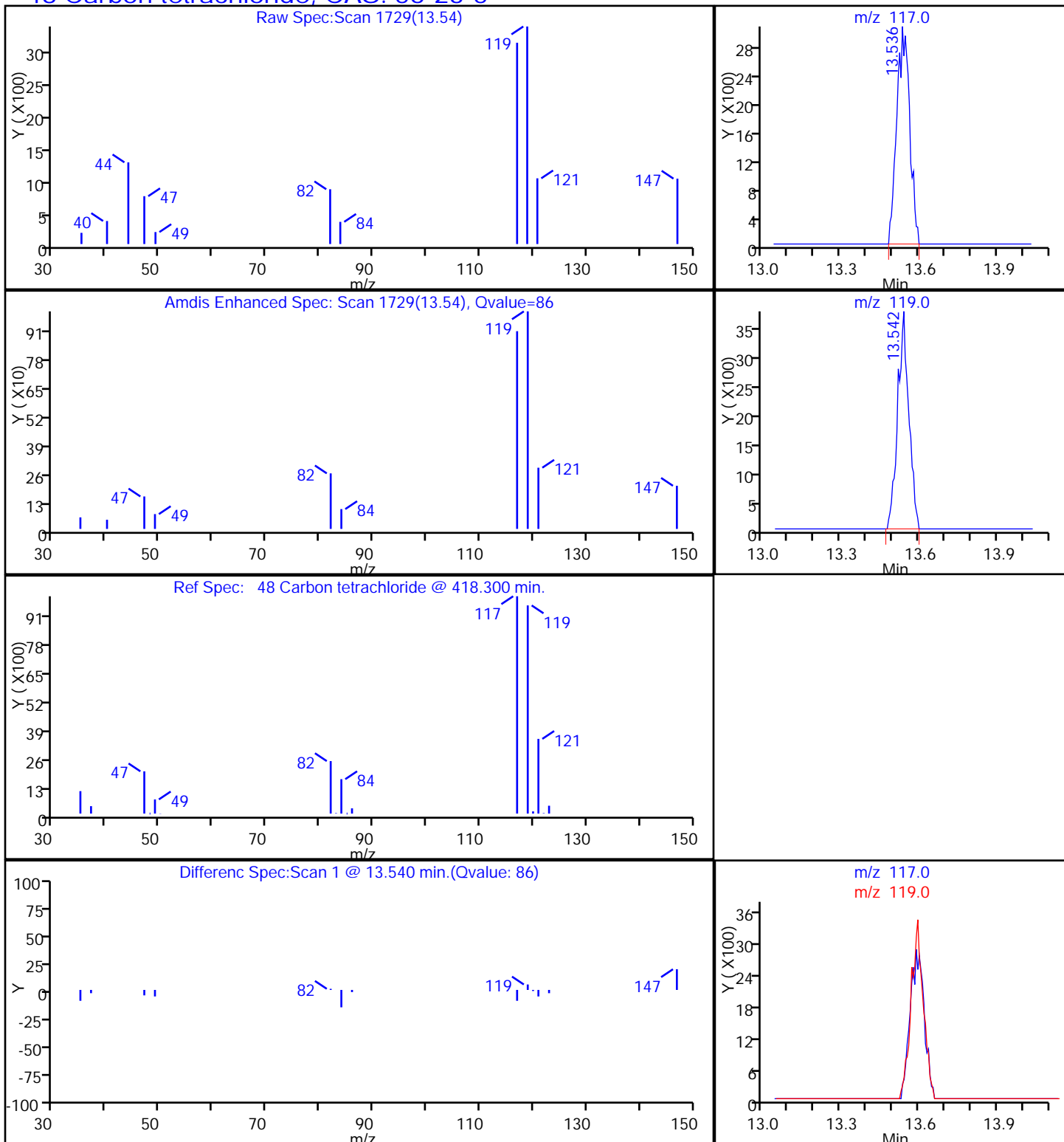
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

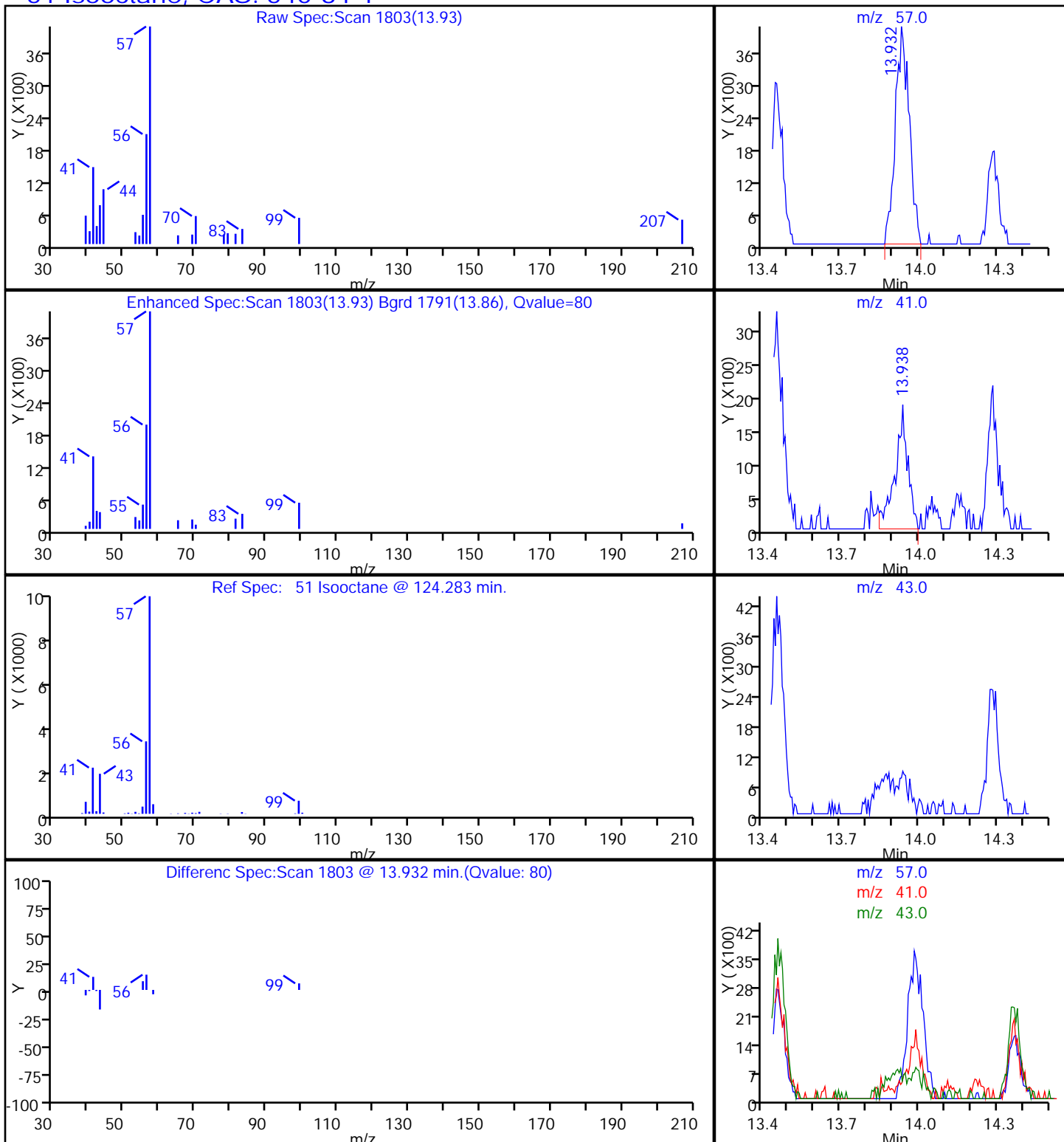
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

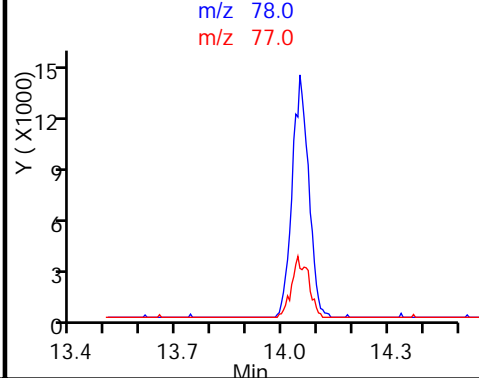
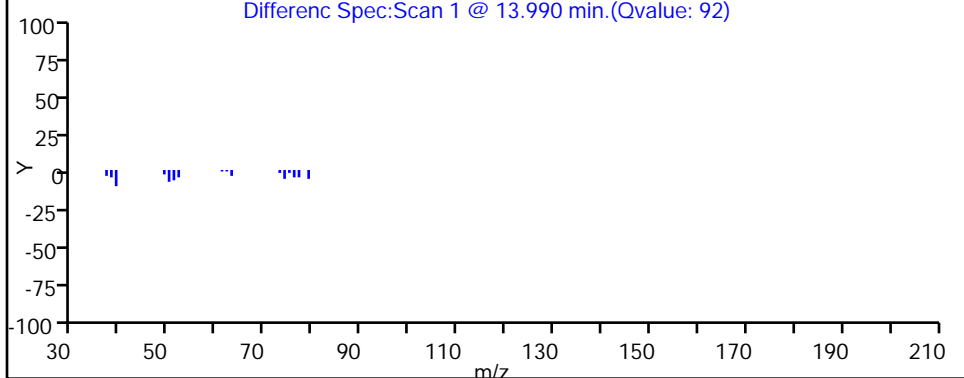
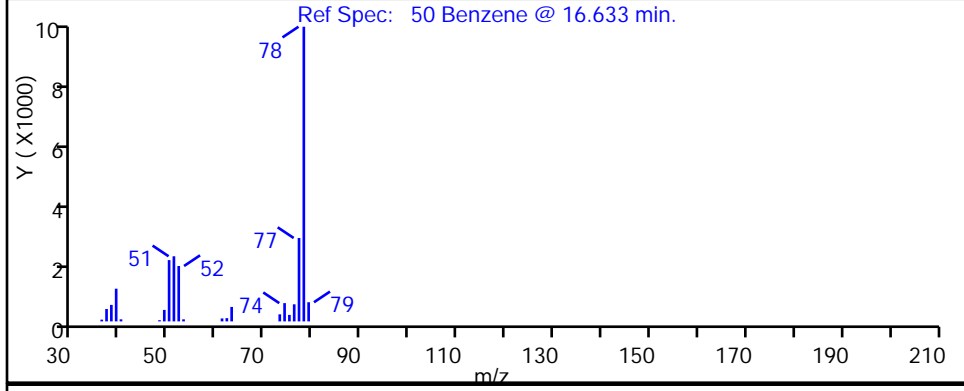
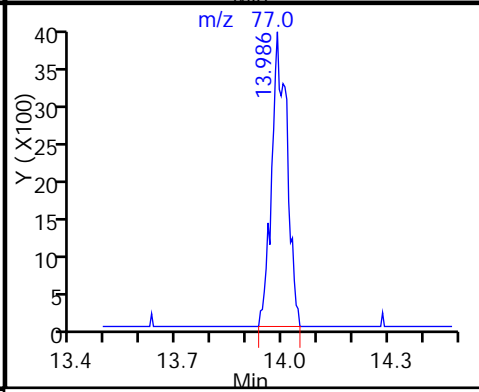
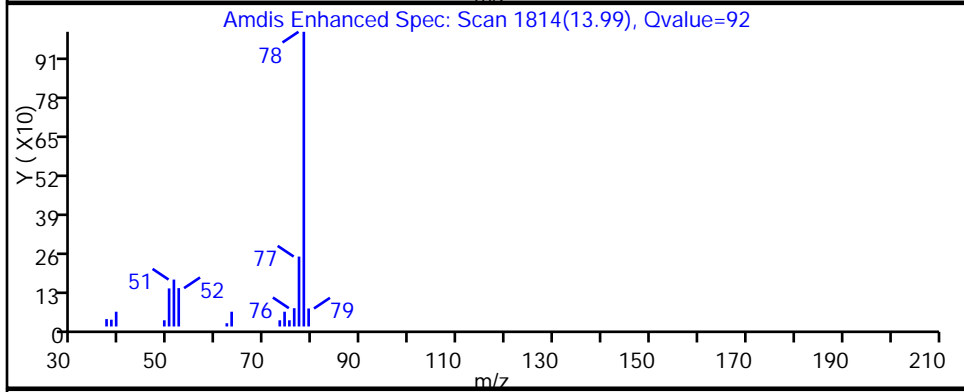
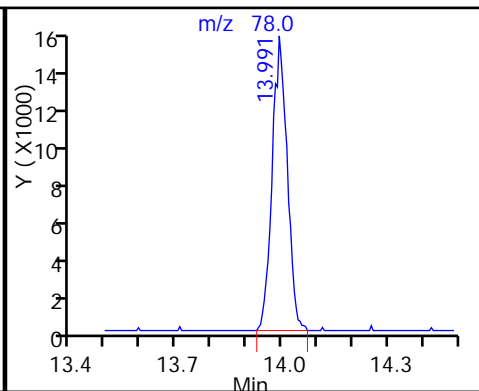
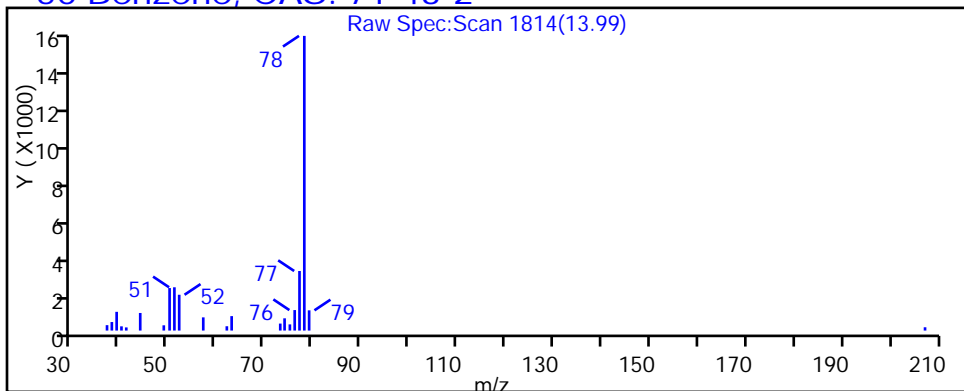
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

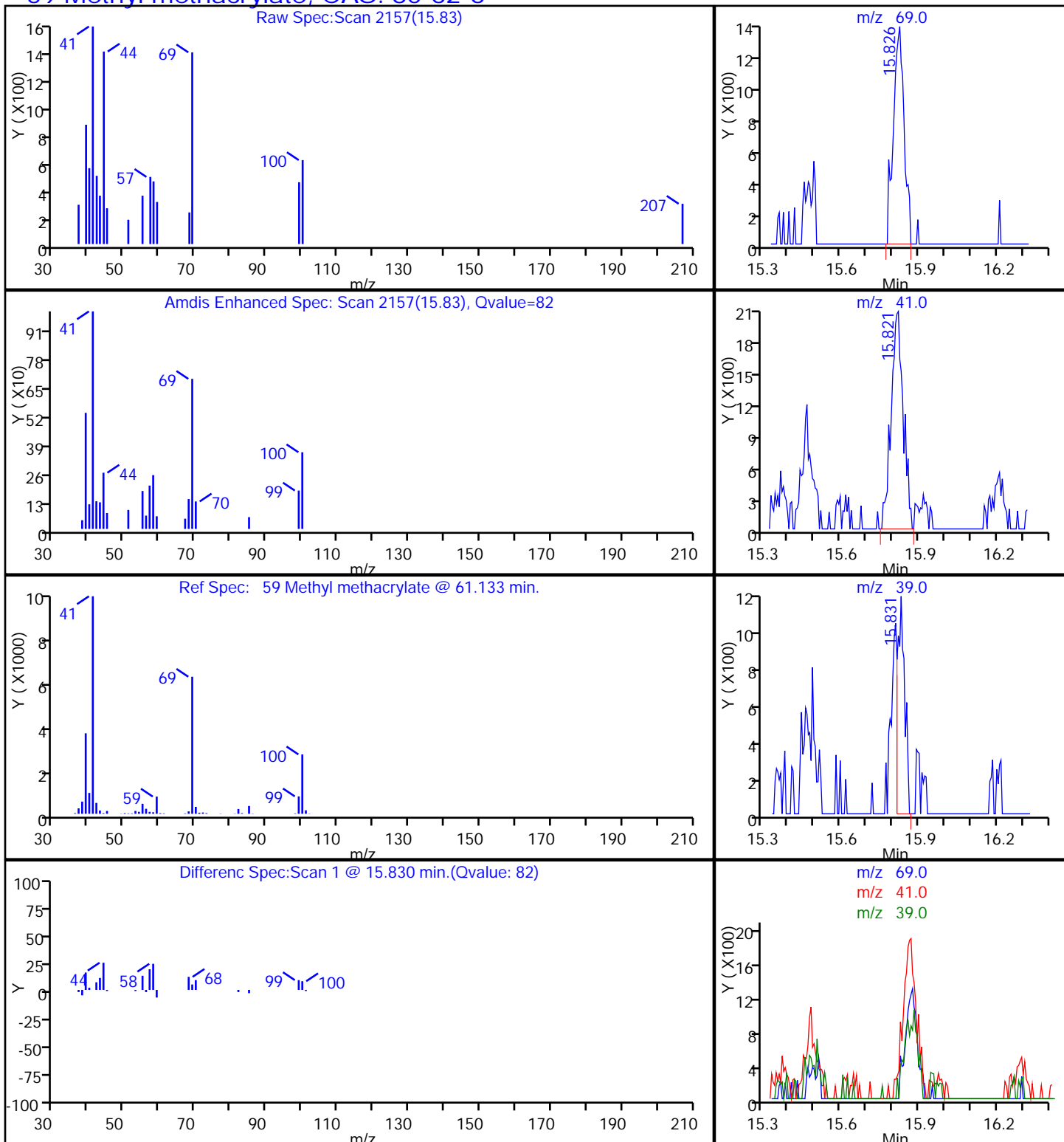
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

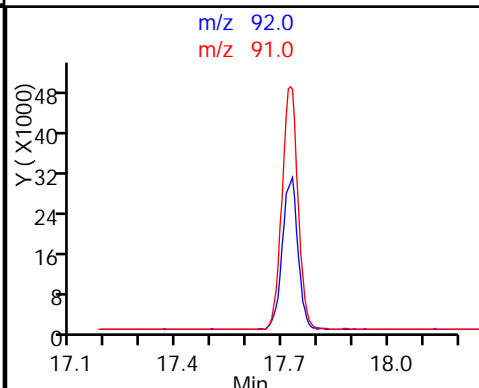
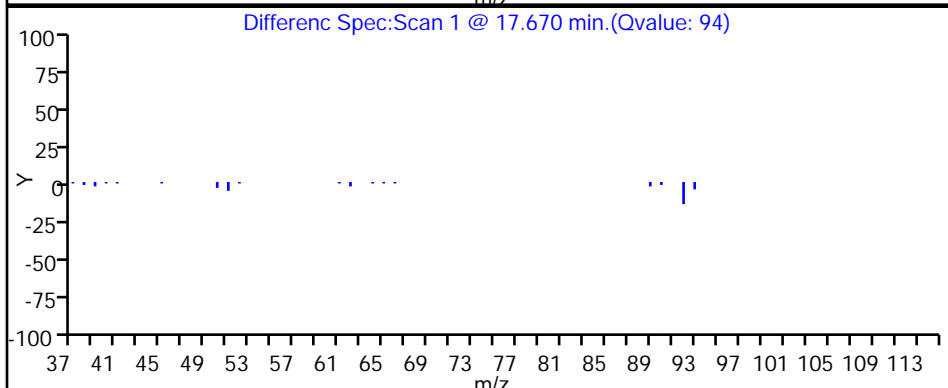
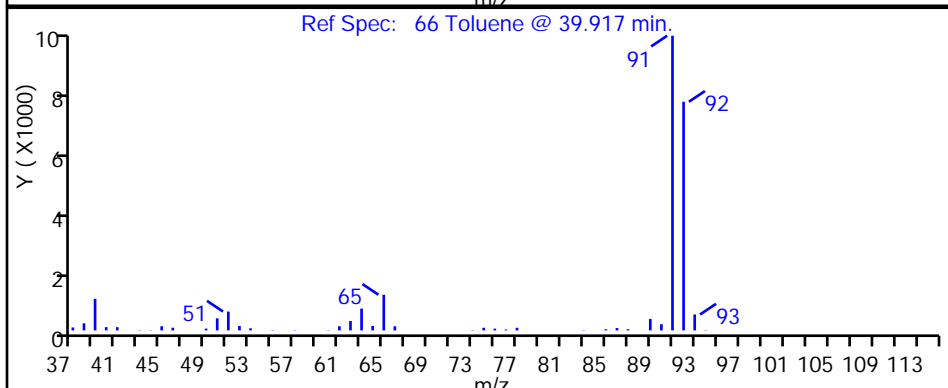
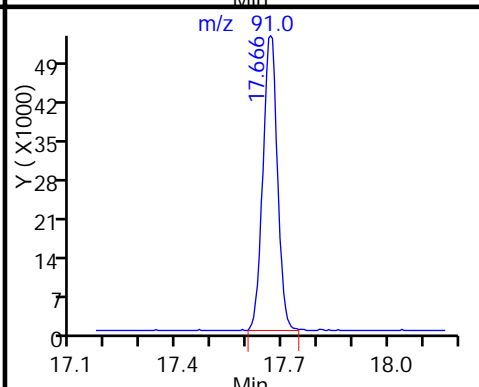
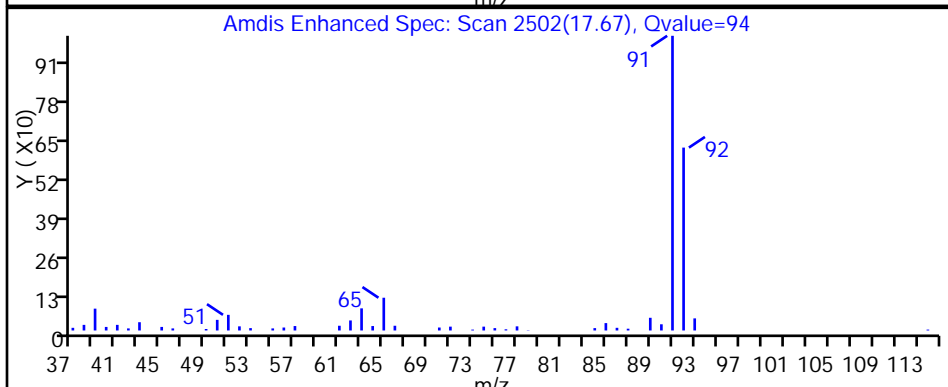
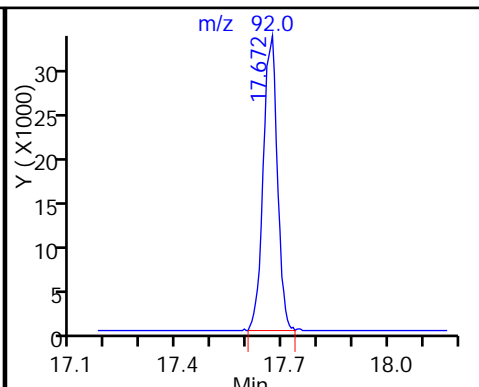
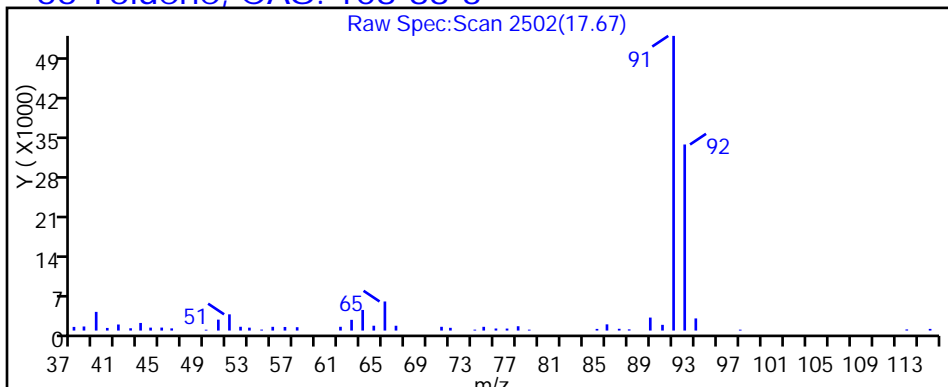
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

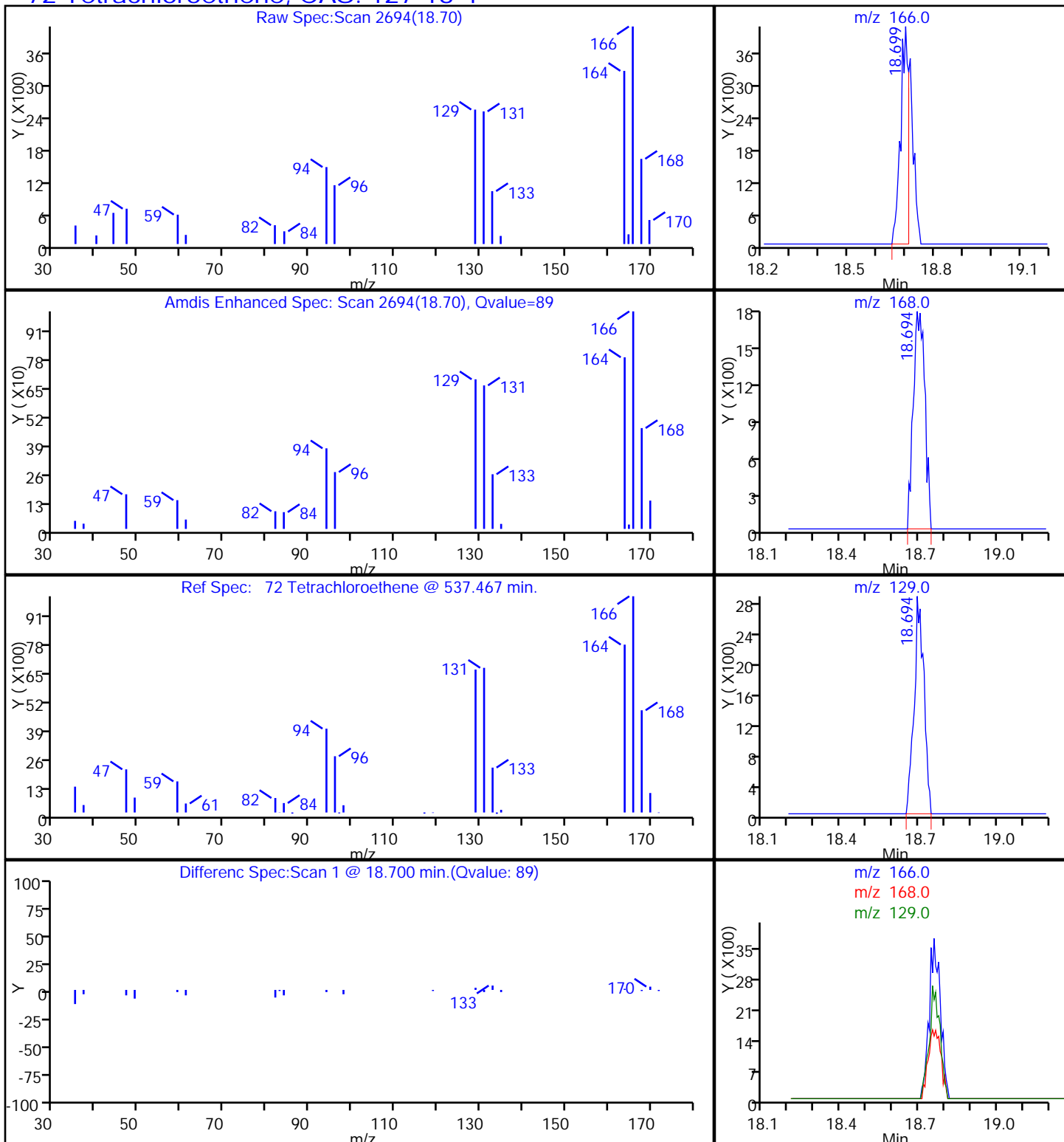
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

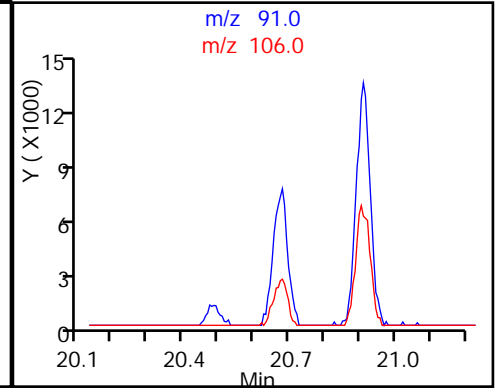
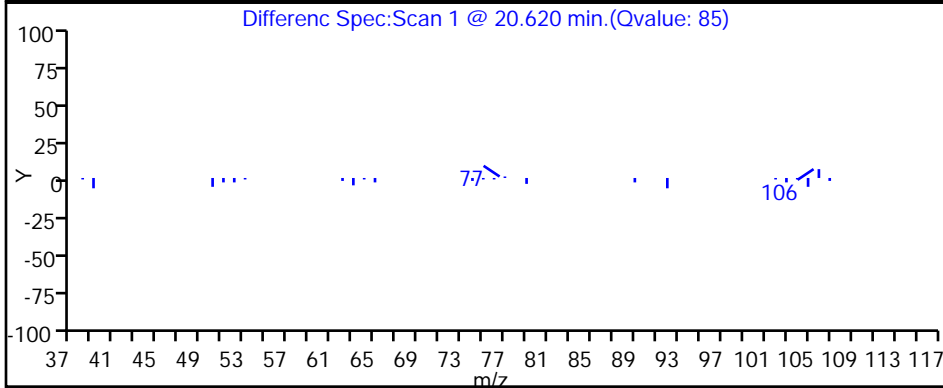
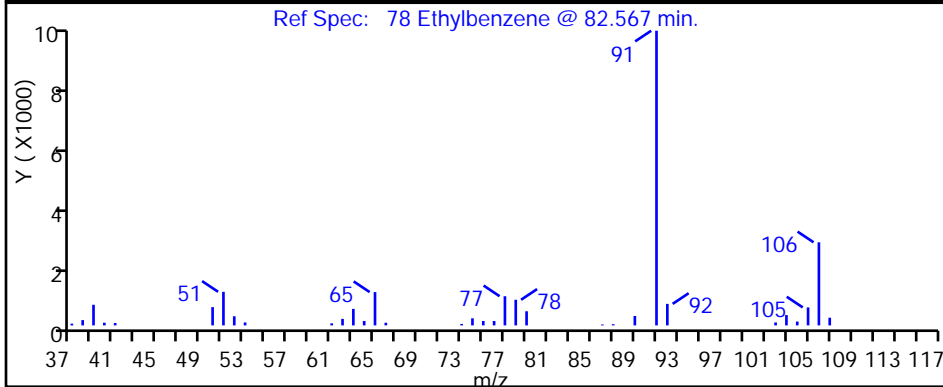
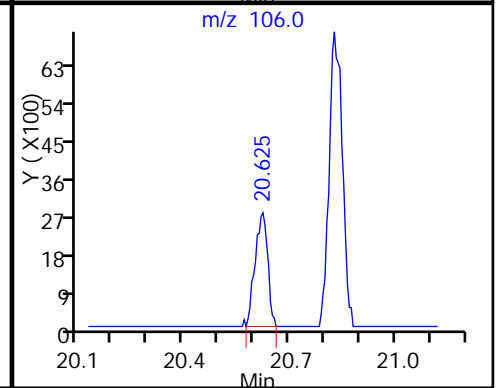
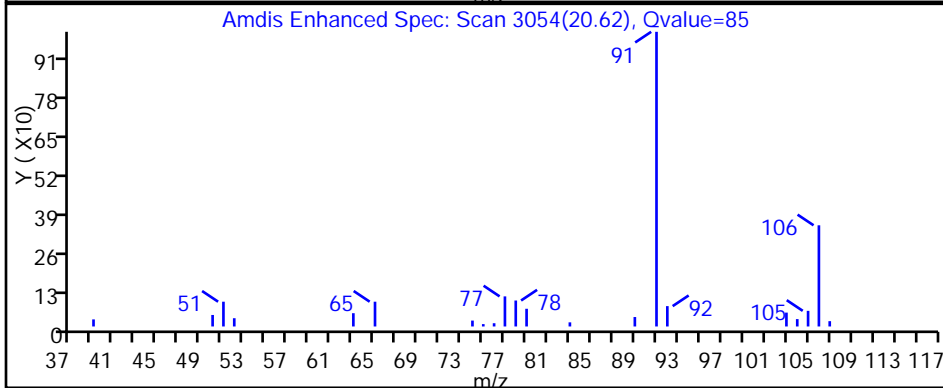
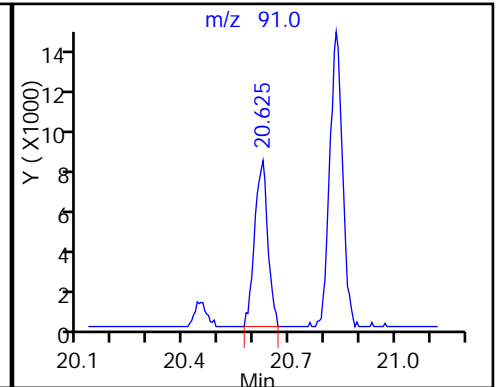
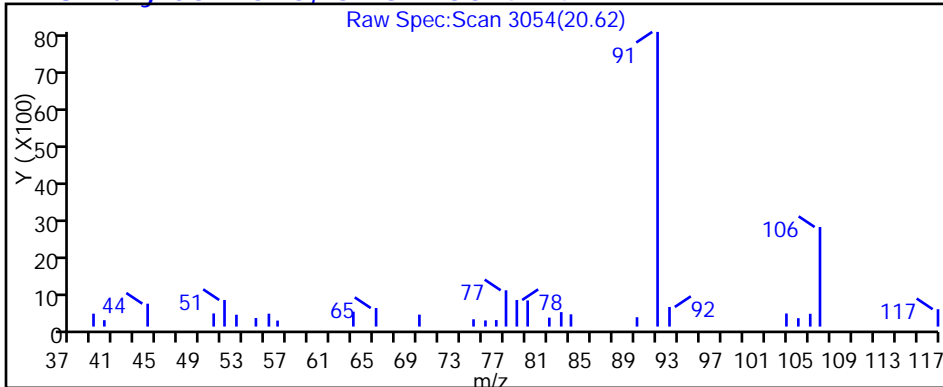
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

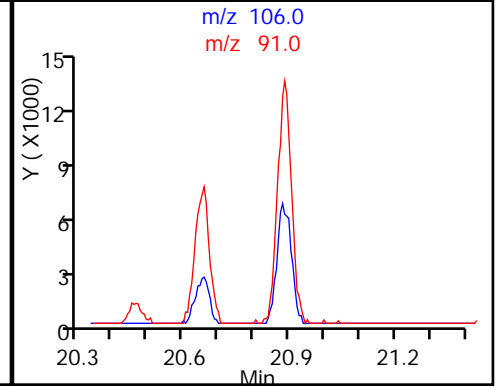
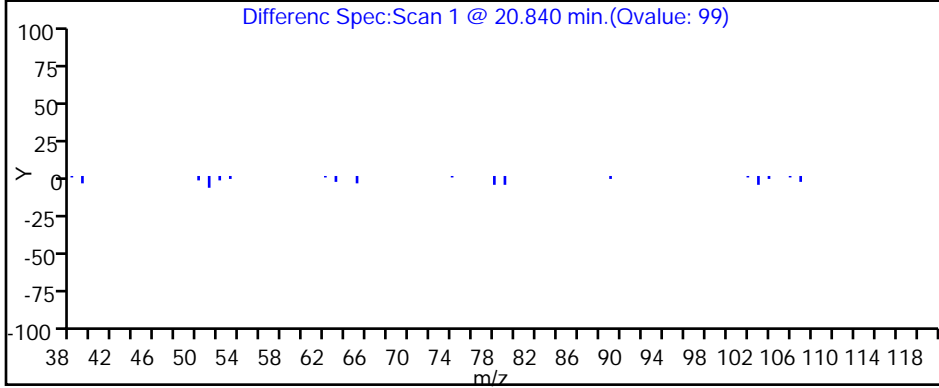
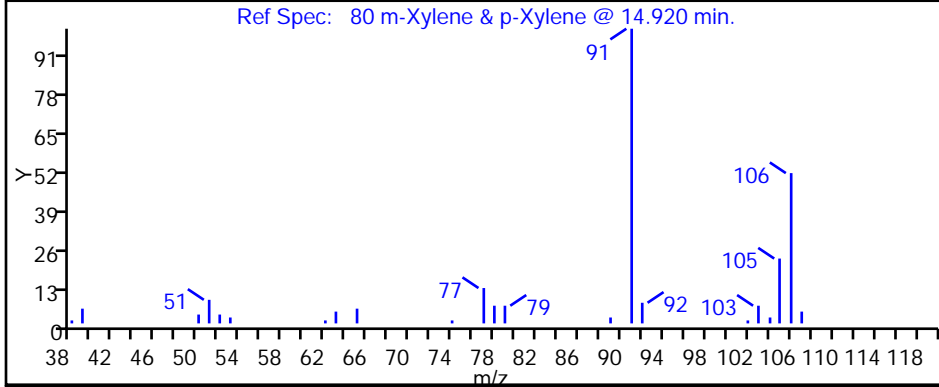
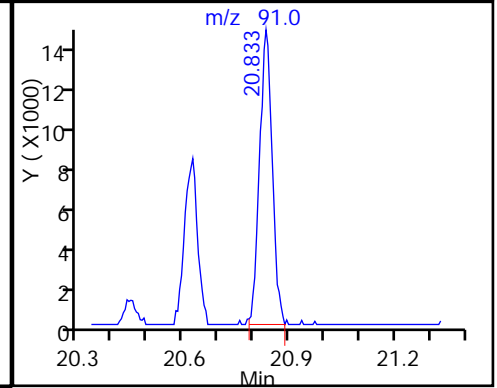
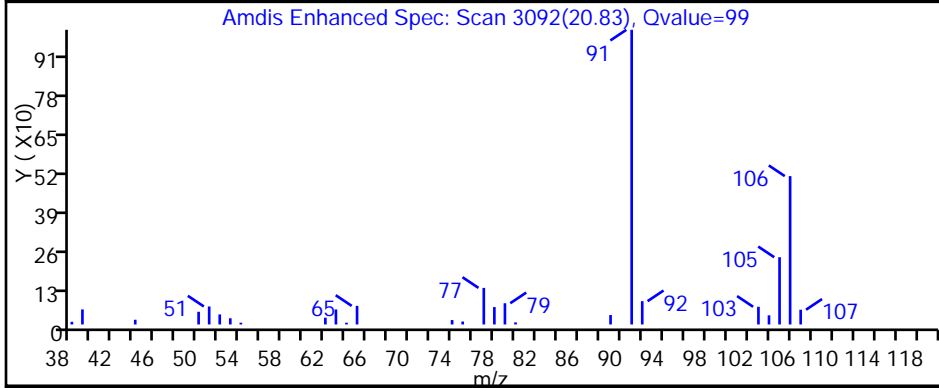
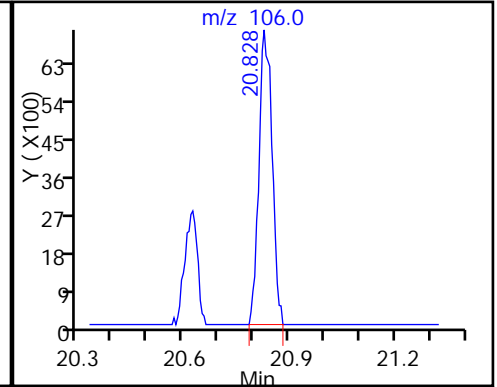
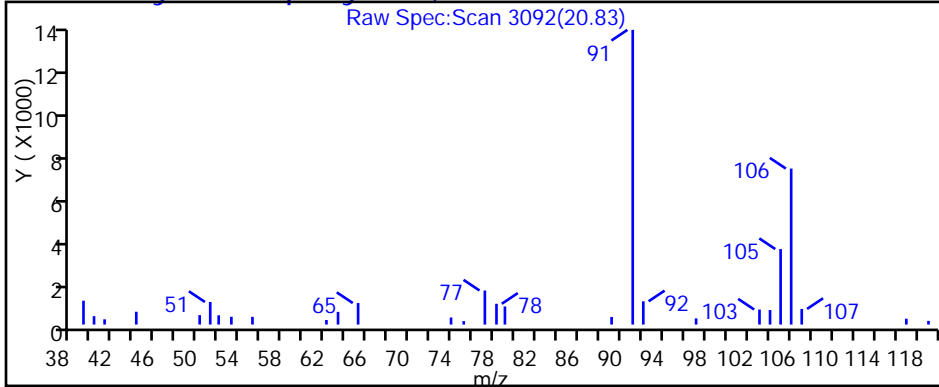
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

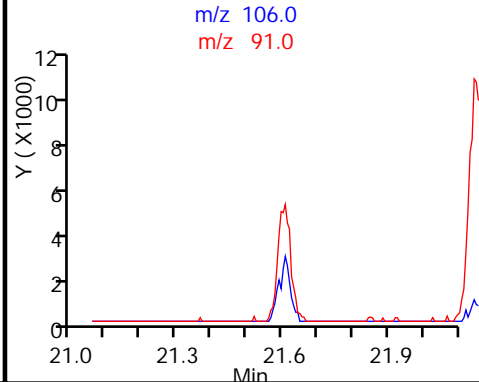
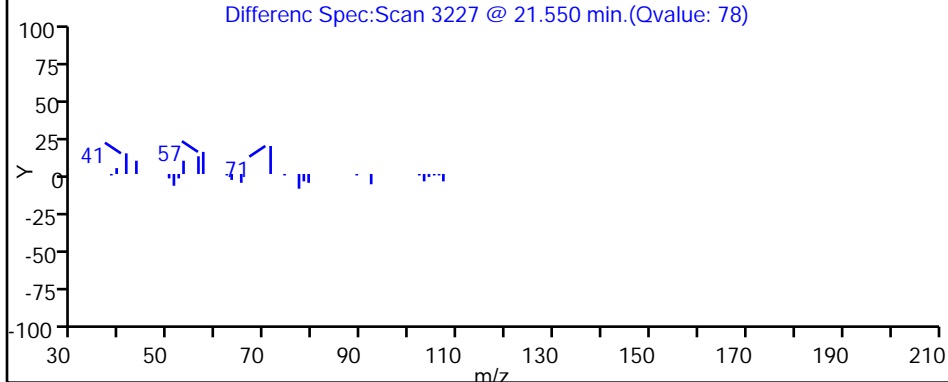
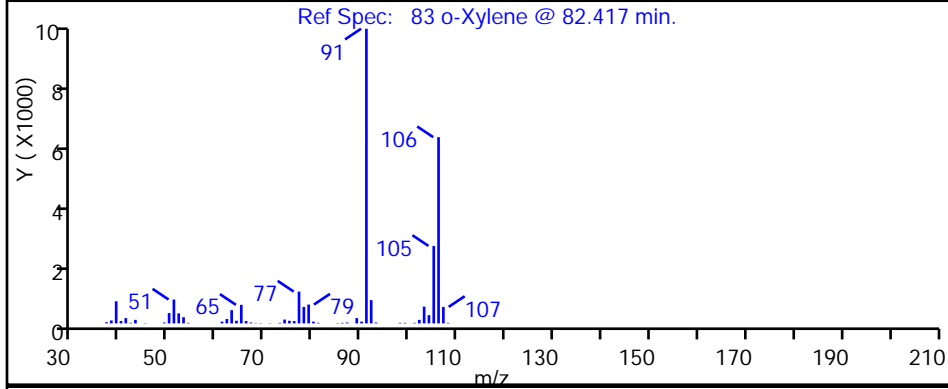
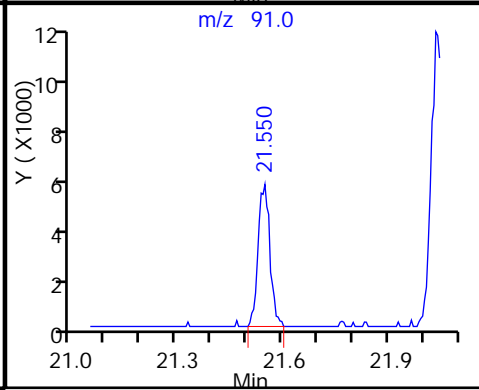
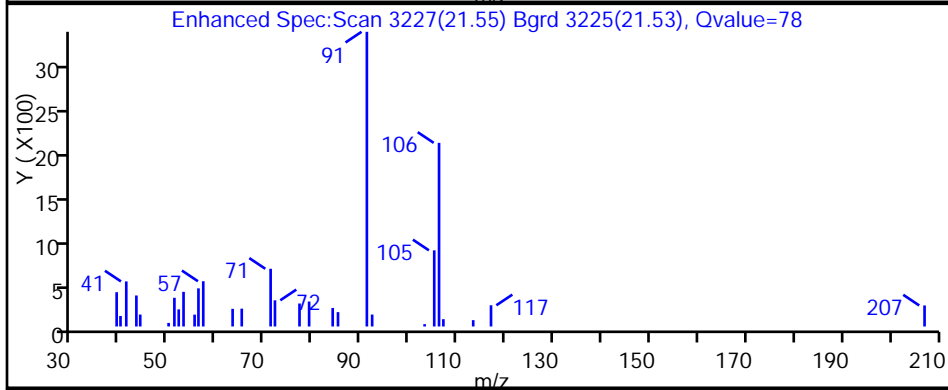
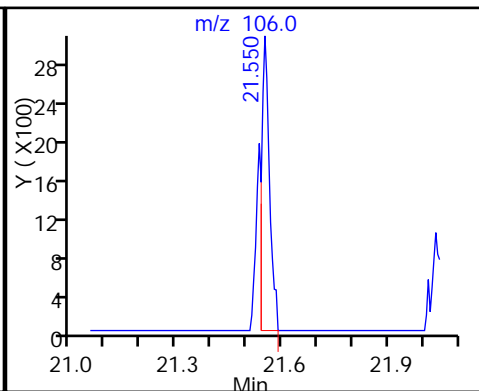
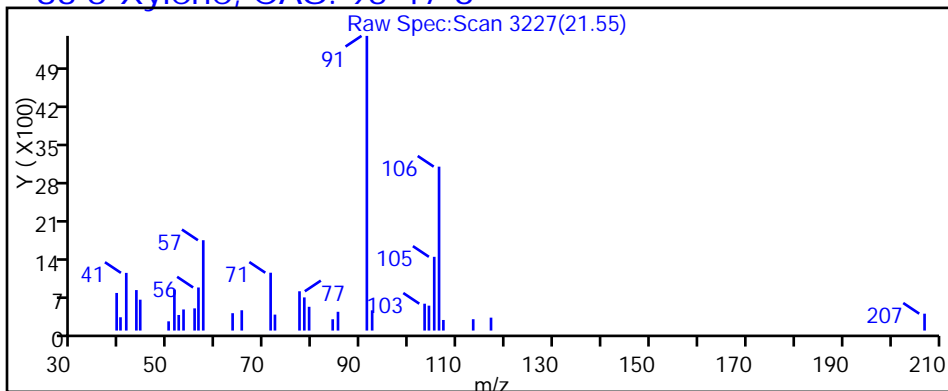
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

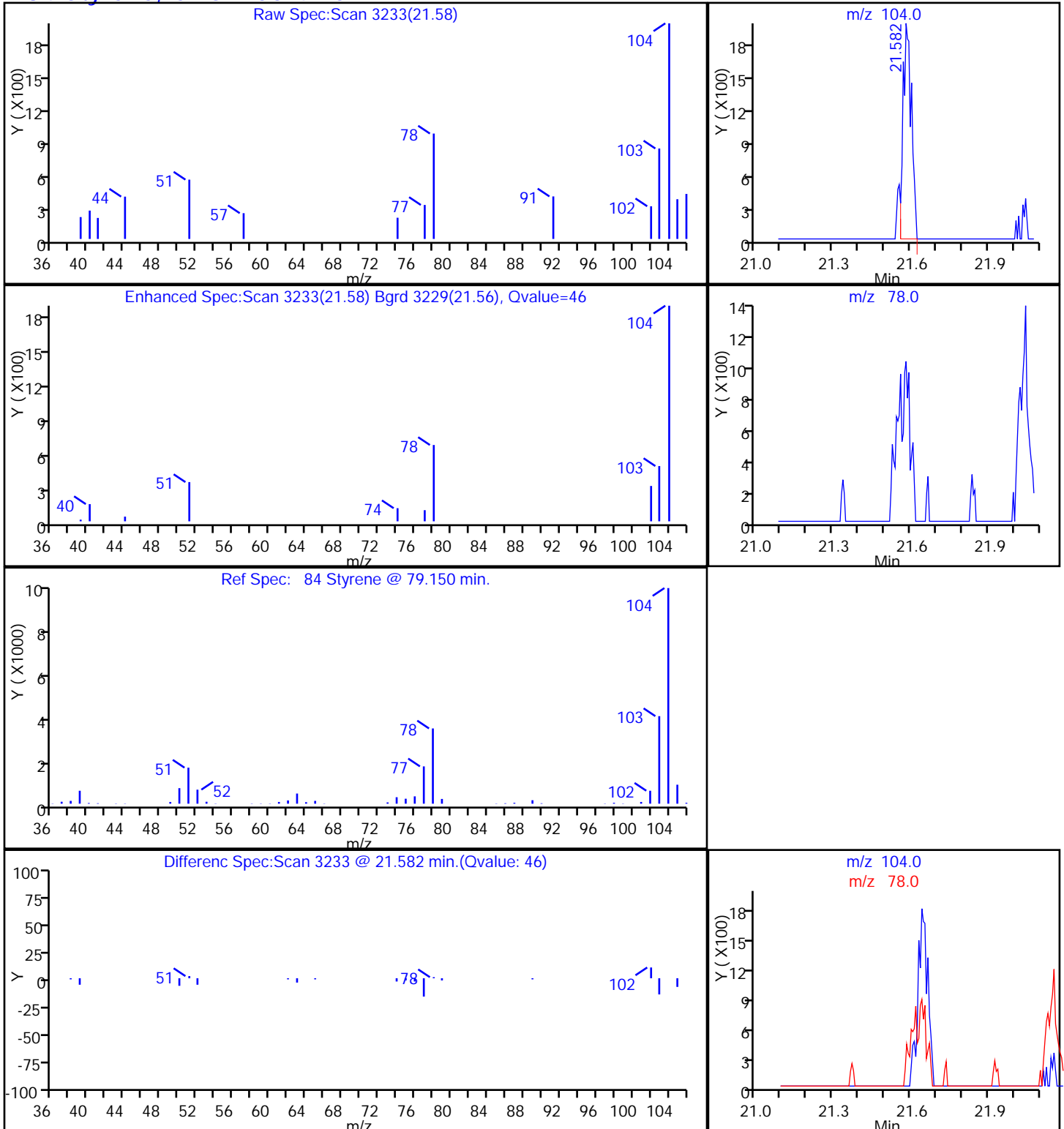
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

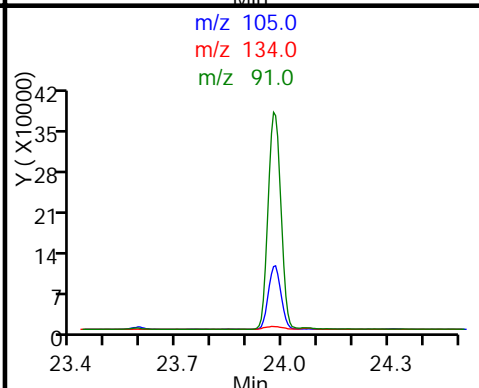
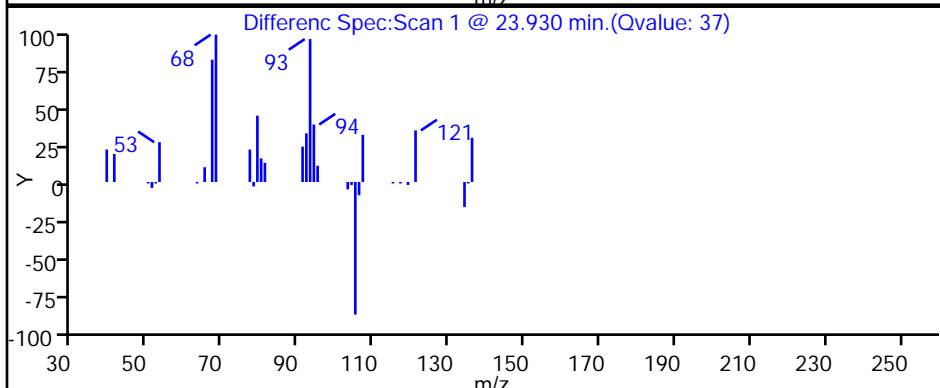
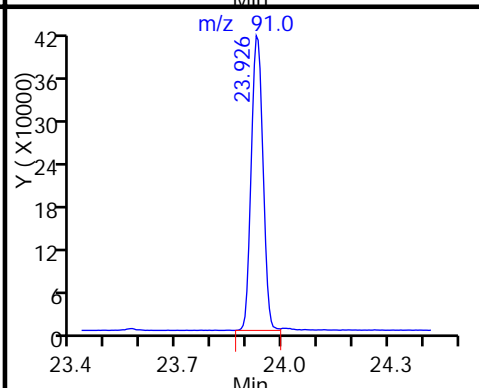
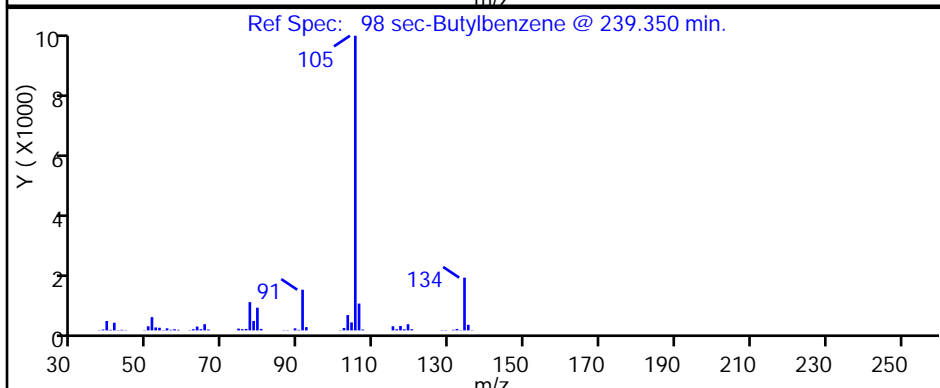
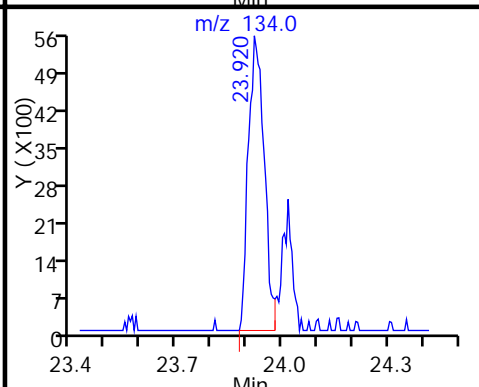
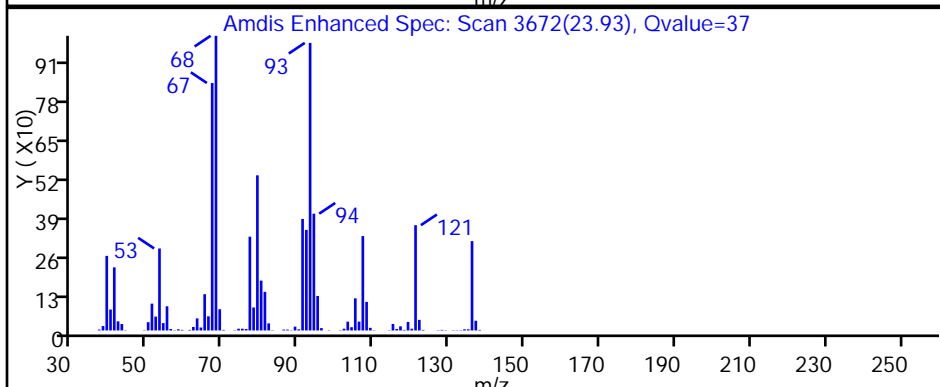
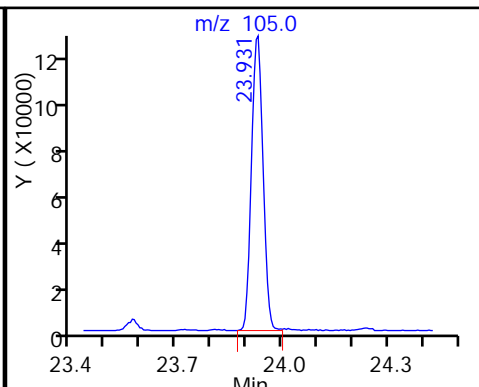
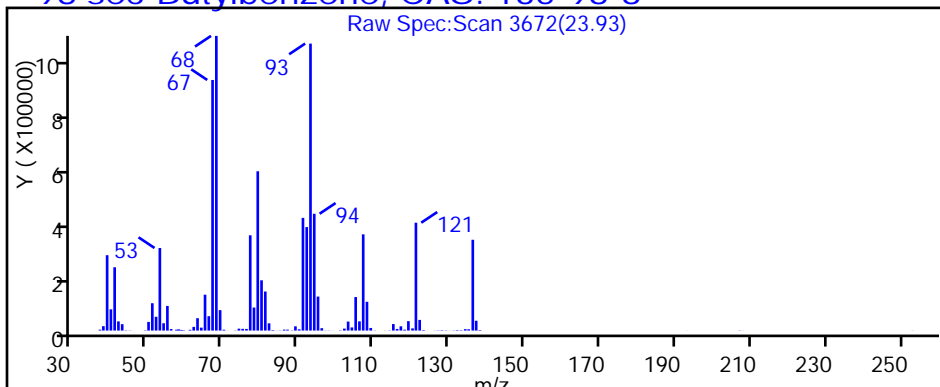
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

98 sec-Butylbenzene, CAS: 135-98-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_024.d

Injection Date: 18-Feb-2014 06:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-19

Lab Sample ID: 200-20955-19

Client ID: IA-VMP-3E

Operator ID: bl

ALS Bottle#: 6

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

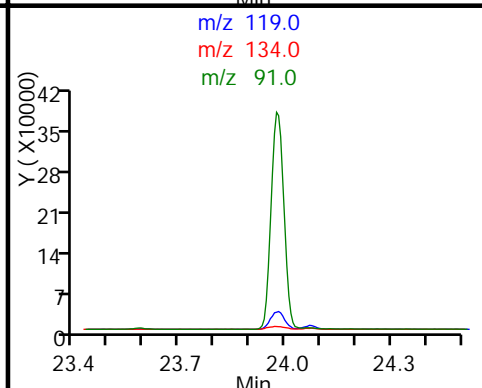
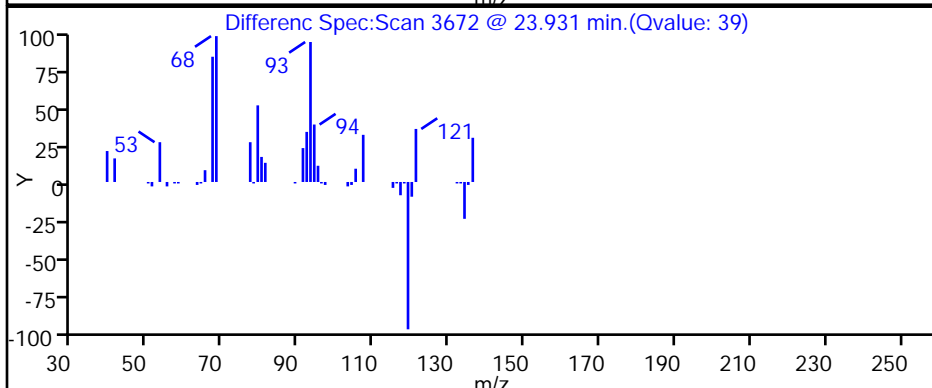
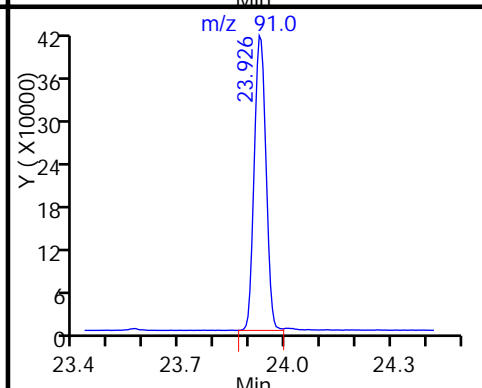
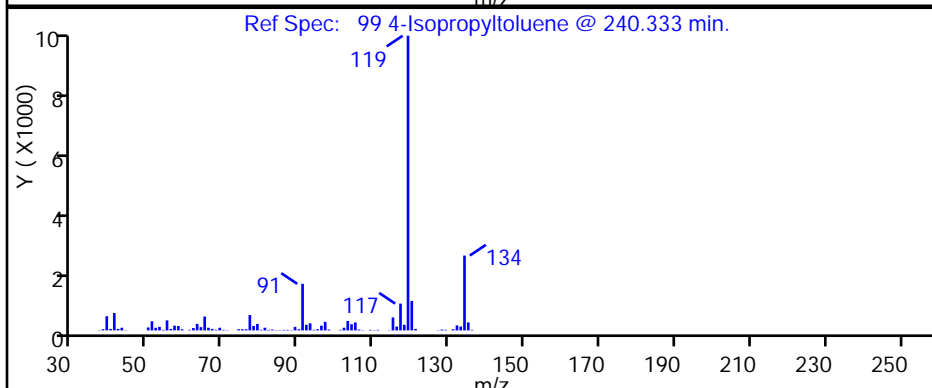
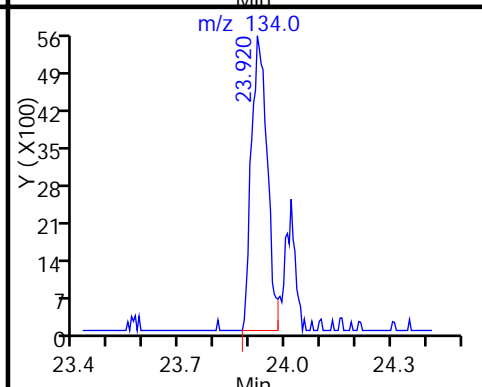
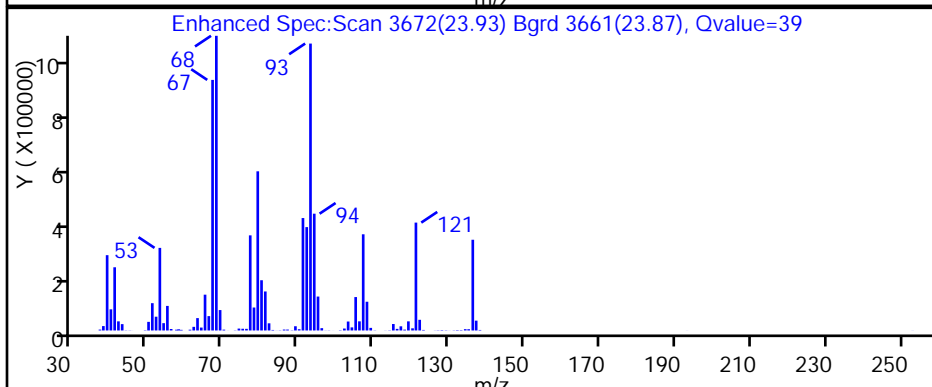
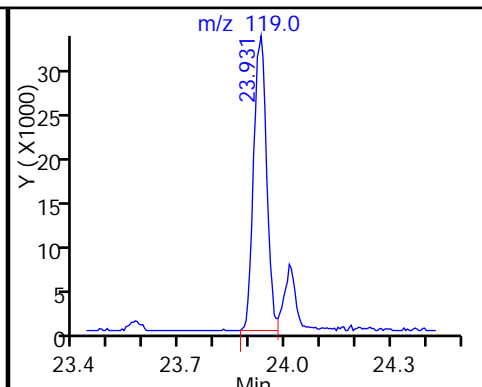
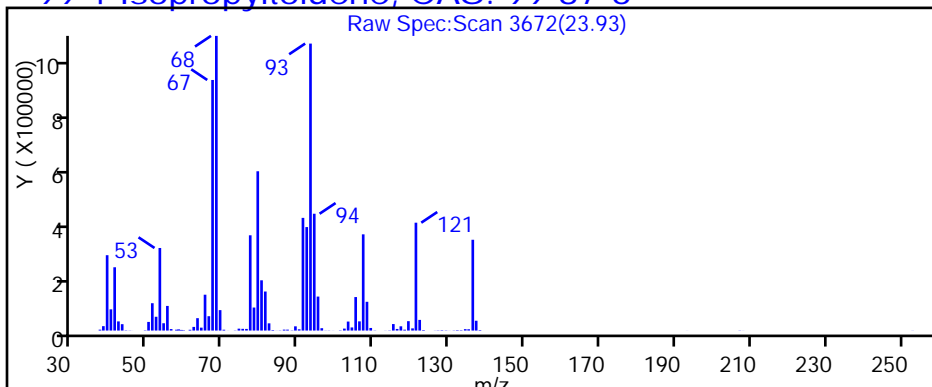
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

99 4-Isopropyltoluene, CAS: 99-87-6



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-4 Lab Sample ID: 200-20955-21
 Matrix: Air Lab File ID: 6171_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:30
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 07:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.49	J	0.50	0.030
75-45-6	Freon 22	86.47	14		0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	1.1		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.23		0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.44		0.20	0.030
76-13-1	Freon 113	187.38	0.052	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	4.5	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	160	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	1.8		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.60		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	19		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.066		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.11	J	0.20	0.027
71-43-2	Benzene	78.11	0.29		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.13	J	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-4 Lab Sample ID: 200-20955-21
 Matrix: Air Lab File ID: 6171_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:30
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 07:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.097	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	0.59	J	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.71		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.097	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.13	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.15	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.056	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.21		0.20	0.034
100-42-5	Styrene	104.15	0.47		0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.052	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.031	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.054	J	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.053	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.11	J	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-4 Lab Sample ID: 200-20955-21
 Matrix: Air Lab File ID: 6171_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:30
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 07:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-4 Lab Sample ID: 200-20955-21
 Matrix: Air Lab File ID: 6171_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:30
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 07:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.4	J	2.5	0.15
75-45-6	Freon 22	86.47	49		1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	2.5		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.51		0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	2.5		1.1	0.17
76-13-1	Freon 113	187.38	0.40	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	11	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	400	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	6.3		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.71		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.8		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	67		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.42		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.53	J	0.93	0.13
71-43-2	Benzene	78.11	0.93		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.53	J	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-4 Lab Sample ID: 200-20955-21
 Matrix: Air Lab File ID: 6171_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:30
 Sample wt/vol: 200(mL) Date Analyzed: 02/18/2014 07:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	0.40	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	2.1	J	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	2.7		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.45	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.55	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.65	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.24	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.89		0.87	0.15
100-42-5	Styrene	104.15	2.0		0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.26	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.15	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	0.28	J	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.26	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	0.62	J	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-4 Lab Sample ID: 200-20955-21
 Matrix: Air Lab File ID: 6171_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:30
 Sample wt/vol: 200 (mL) Date Analyzed: 02/18/2014 07:28
 Soil Aliquot Vol.: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d
 Lims ID: 200-20955-A-21 Lab Sample ID: 200-20955-21
 Client ID: IA-VMP-4
 Sample Type: Client
 Inject. Date: 18-Feb-2014 07:28:30 ALS Bottle#: 7 Worklist Smp#: 25
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-025
 Misc. Info.: 200-20955-A-21
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 12:36:06 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: lyonsb

Date: 18-Feb-2014 10:49:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.474	4.474	0.0	94	84344	0.4898	
6 Chlorodifluoromethane	51	4.405	4.538	-0.133	35	901249	13.8	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50		5.020					
9 Butane	43	5.293	5.287	0.006	91	51086	1.06	
10 Vinyl chloride	62		5.341					
11 Butadiene	54	5.453	5.442	0.011	85	5989	0.2283	
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101	7.202	7.192	0.010	93	85717	0.4441	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.444	8.438	0.006	71	6289	0.0521	
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43	8.770	8.749	0.022	86	248550	4.55	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.069	9.027	0.042	97	7491593	163.6	E
29 3-Chloro-1-propene	41		9.407					
31 Methylene Chloride	49	9.749	9.733	0.016	78	69281	1.82	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.658	10.648	0.010	80	10681	0.2027	
37 1,1-Dichloroethane	63		11.199					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72	12.408	12.392	0.016	97	13882	0.5997	
44 Tetrahydrofuran	42		12.852					
* 43 Chlorobromomethane	128	12.857	12.852	0.005	69	376478	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.274	13.258	0.016	83	1285578	19.4	
47 1,1,1-Trichloroethane	97		13.280					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	48		117	13.536	13.531	0.005	35	11426	0.0660	
	51		57	13.927	13.927	0.0	94	20053	0.1136	
	50		78	13.986	13.986	0.0	90	46270	0.2925	
	52		62		14.141					
	53		43	14.280	14.275	0.005	74	7139	0.1295	
*	54		114	14.751	14.746	0.005	93	1814952	10.0	
	56		95		15.206					
	58		63		15.730					
	59		69	15.815	15.810	0.005	84	4835	0.0968	
	60		88	15.906	15.901	0.005	89	16436	0.5936	
	62		83		16.222					
	64		75		17.083					
	65		43		17.319					
	66		92	17.666	17.661	0.005	96	86314	0.7117	
	70		75		18.191					
	71		83		18.560					
	72		166		18.694					
	73		43		18.950					
	74		129		19.314					
	75		107		19.598					
S	82		106				0		0.2051	7
*	76		117	20.448	20.443	0.005	82	1672363	10.0	
	77		112	20.502	20.496	0.006	39	19762	0.0974	
	78		91	20.614	20.614	0.0	91	35871	0.1266	
	80		106	20.828	20.833	-0.005	98	16997	0.1487	
	83		106	21.545	21.545	0.0	65	6081	0.0564	
	84		104	21.588	21.582	0.006	96	74600	0.4661	
	85		173		21.962					
\$	87		95	22.444	22.444	0.0	97	1127799	NC	
	88		83		22.668					
	90		91		22.743					
	91		105	22.872	22.909	-0.037	86	19306	0.0523	
	92		91	22.749	22.941	-0.192	1	17295	0.0536	
	94		105	22.909	23.000	-0.091	62	10657	0.0312	
	96		119		23.476					
	97		105	23.567	23.573	-0.006	80	17354	0.0532	
	98		105	23.920	23.808	0.112	40	51116	0.1138	
	99		119		24.011					
	100		146		24.081					
	101		146		24.225					
	102		91		24.434					
	103		91		24.653					
	105		146		24.830					
	107		180		27.724					
	108		225		27.927					
	109		128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Worklist Smp#: 25

Client ID: IA-VMP-4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

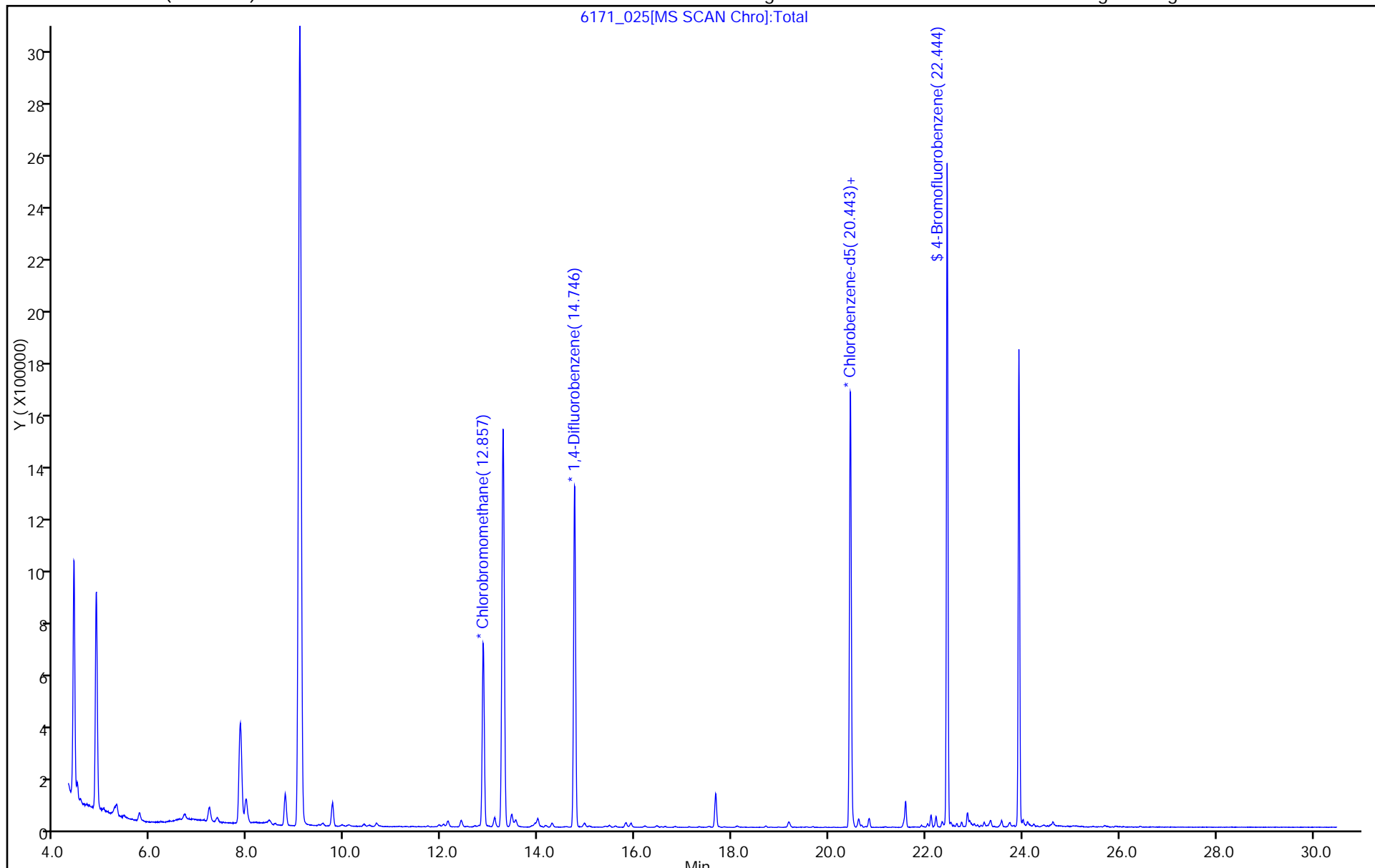
ALS Bottle#: 7

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

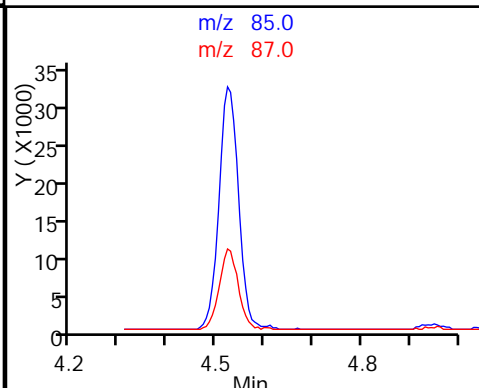
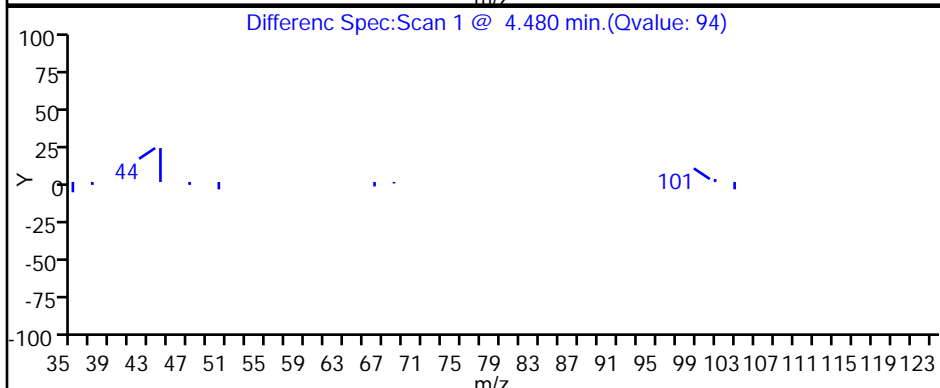
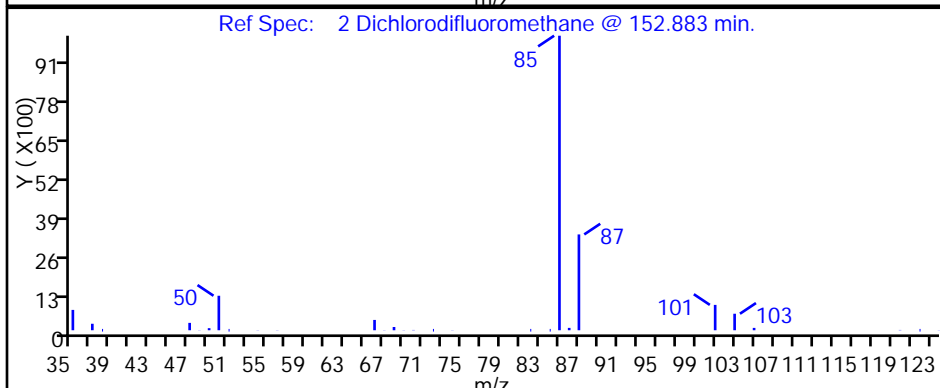
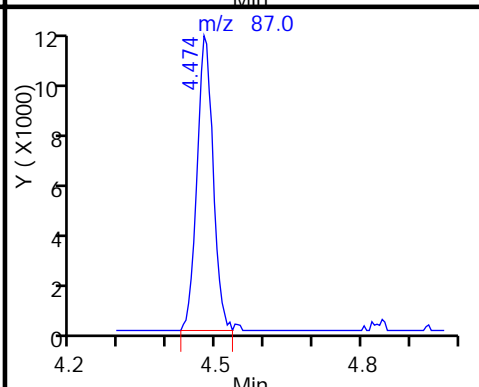
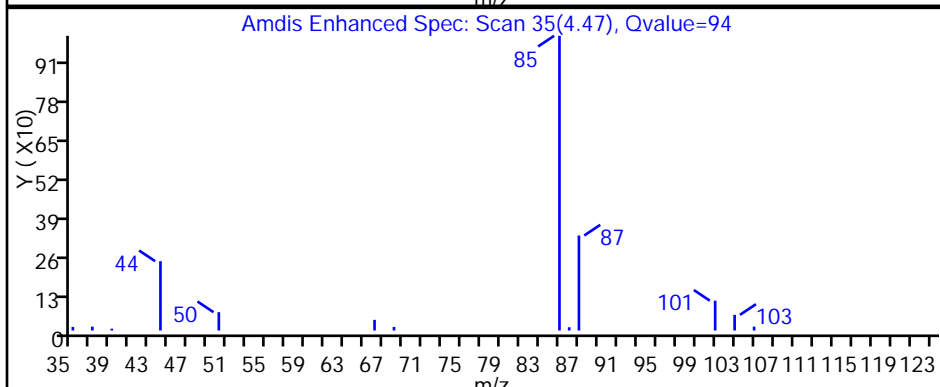
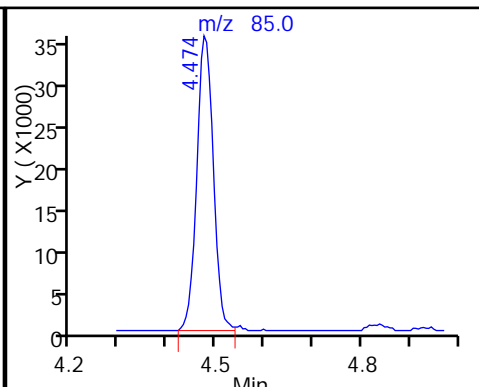
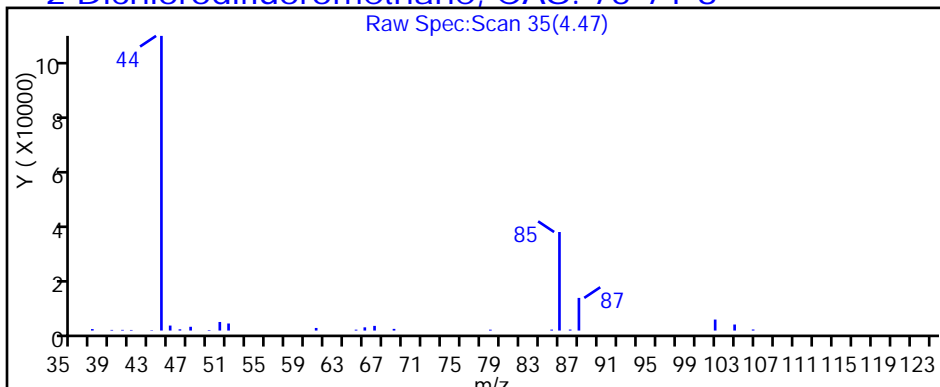
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

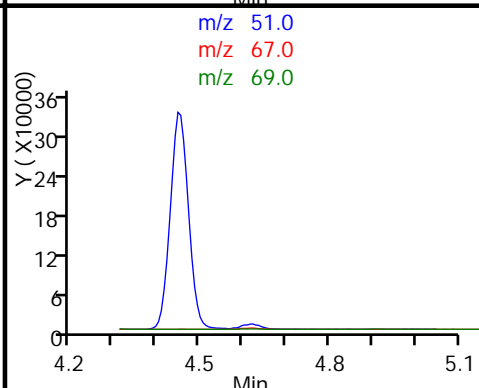
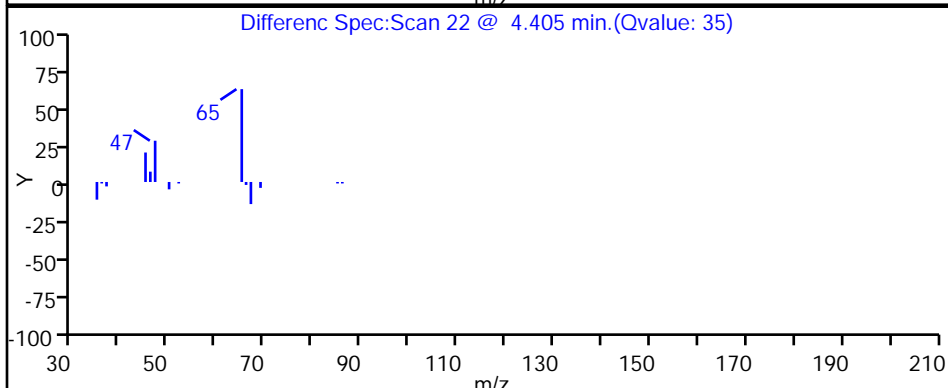
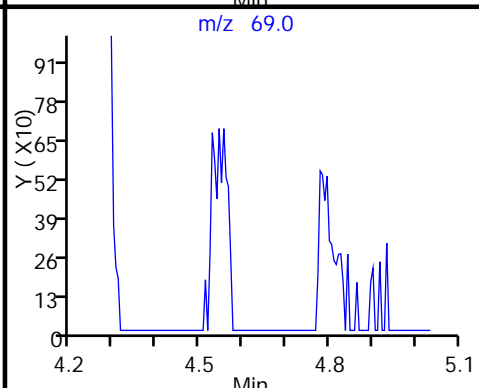
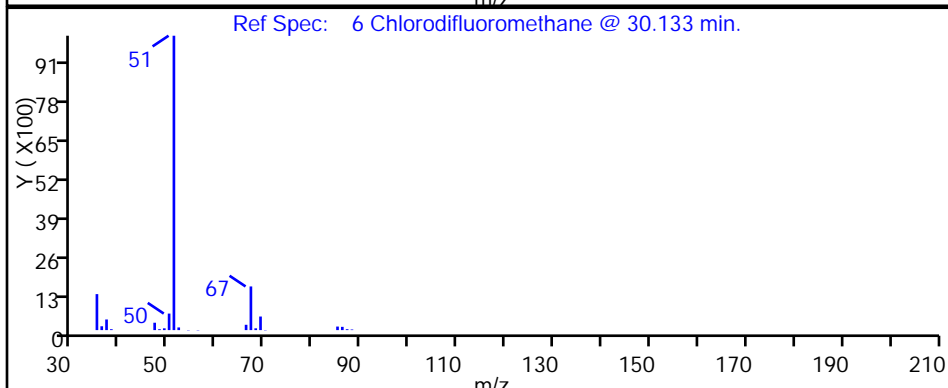
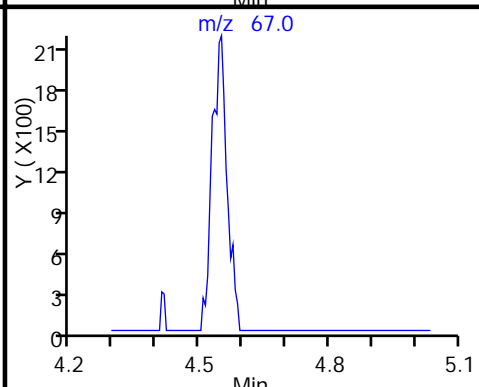
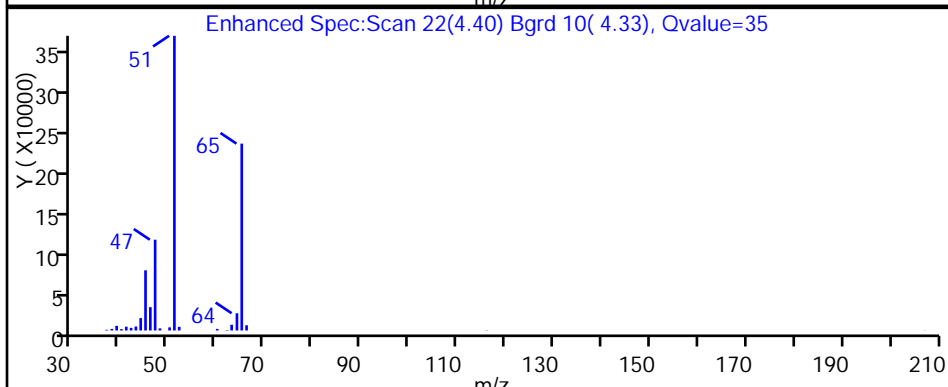
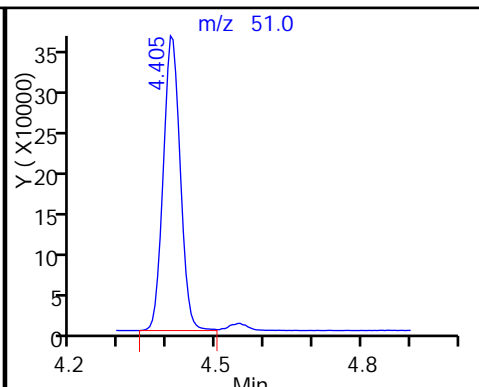
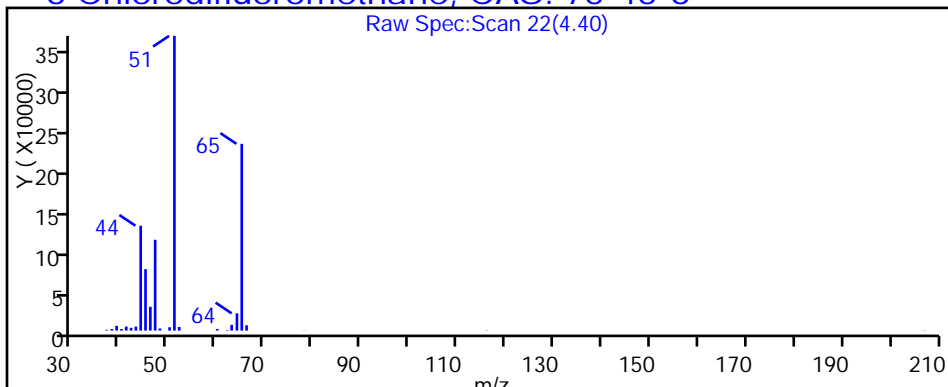
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

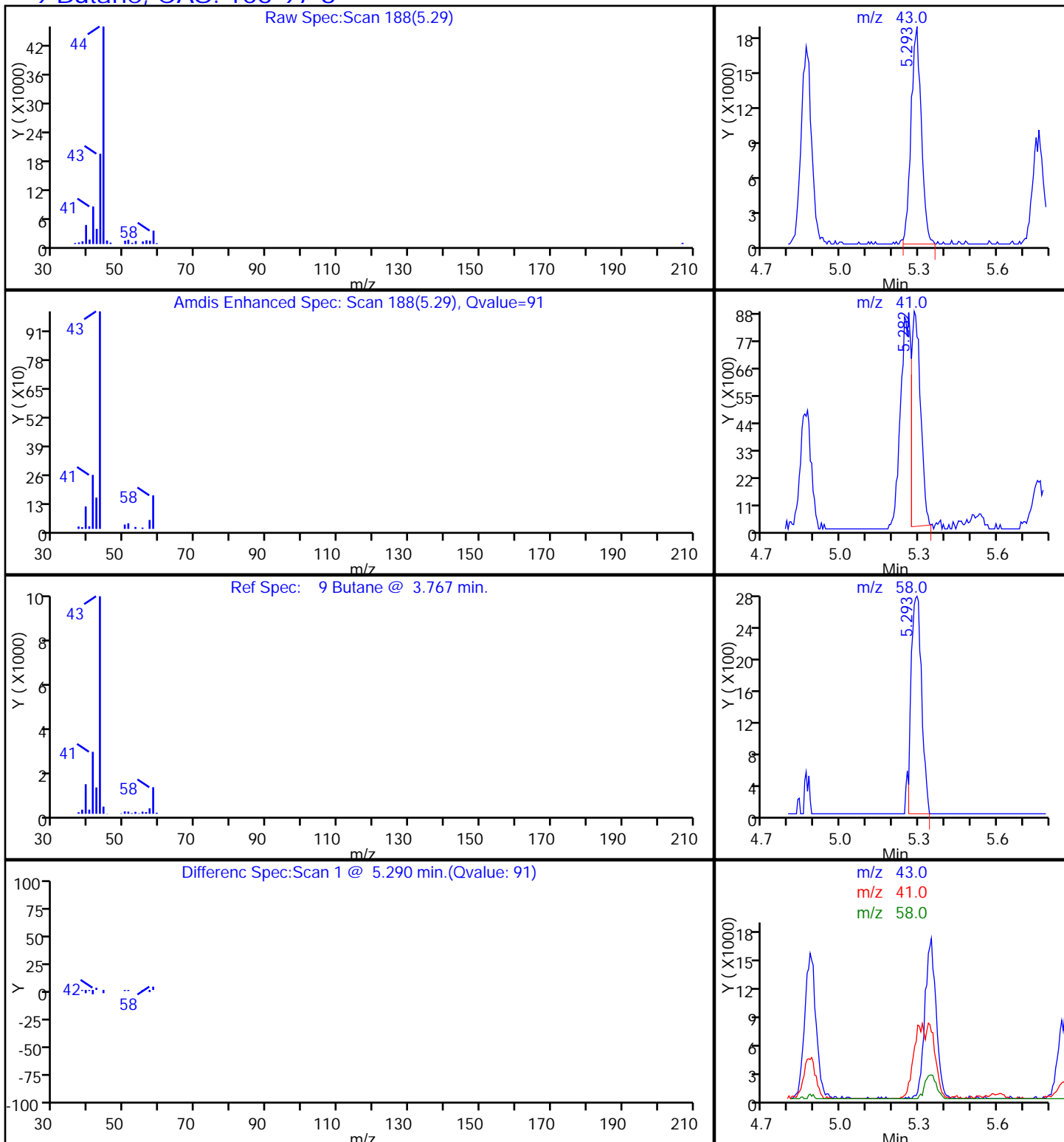
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

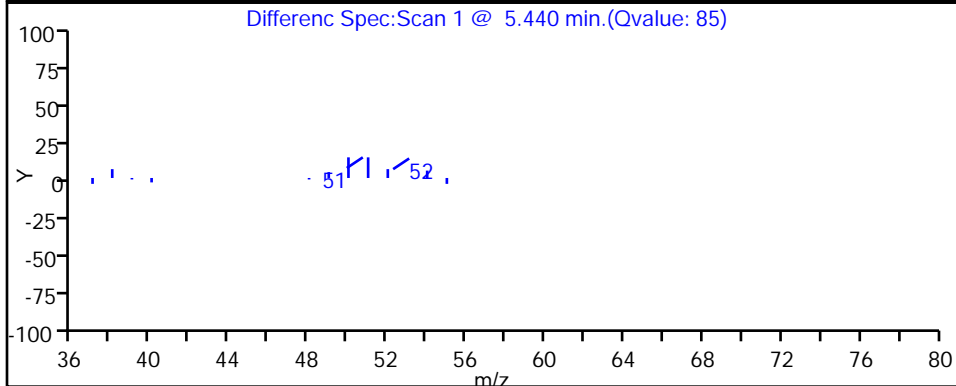
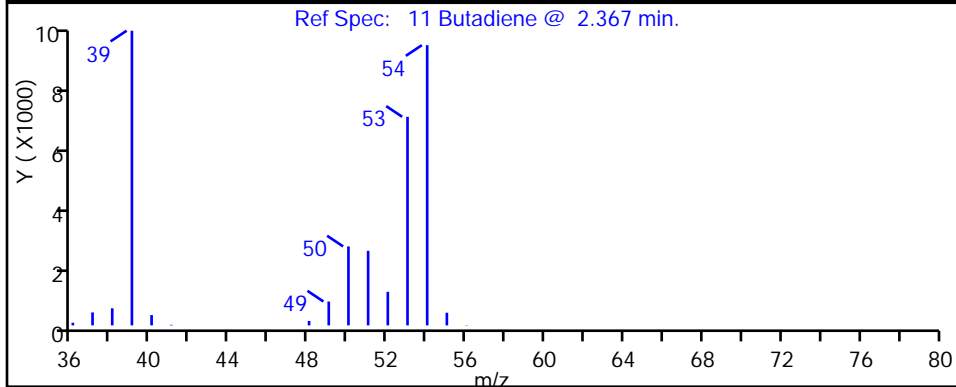
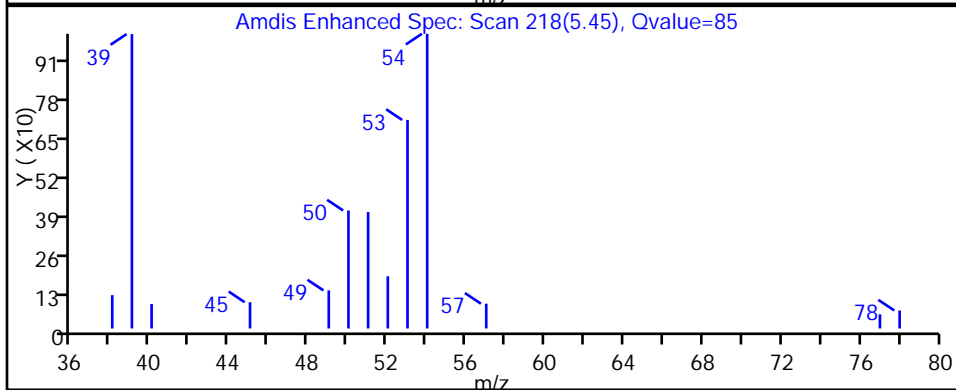
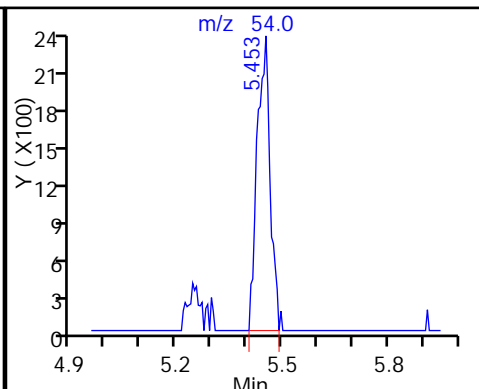
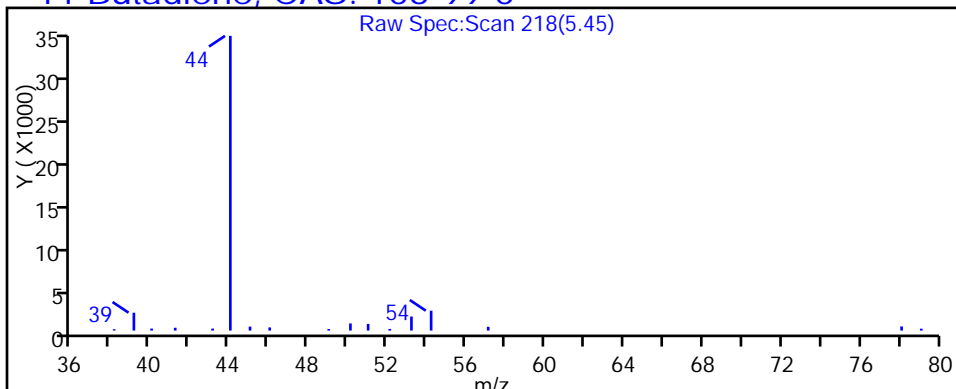
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

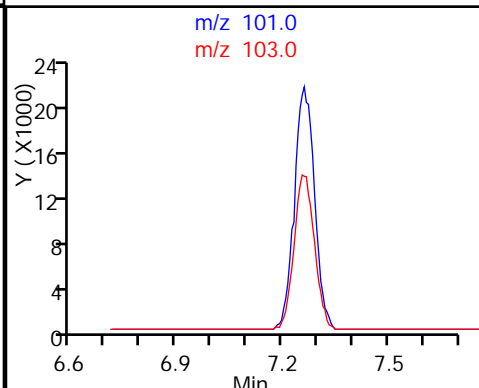
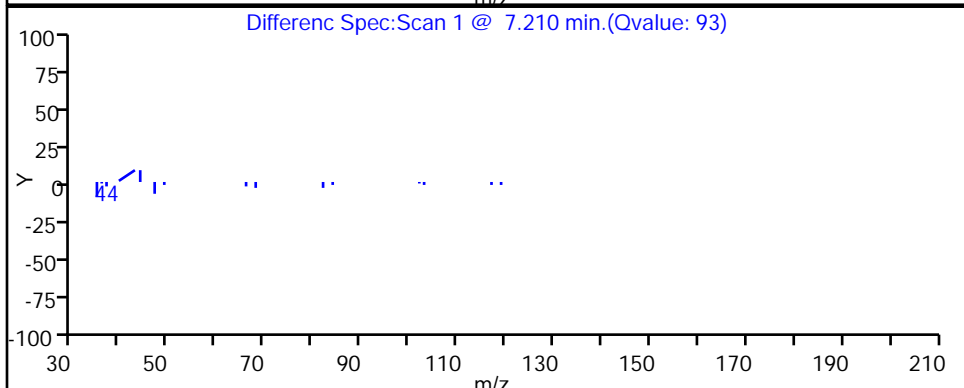
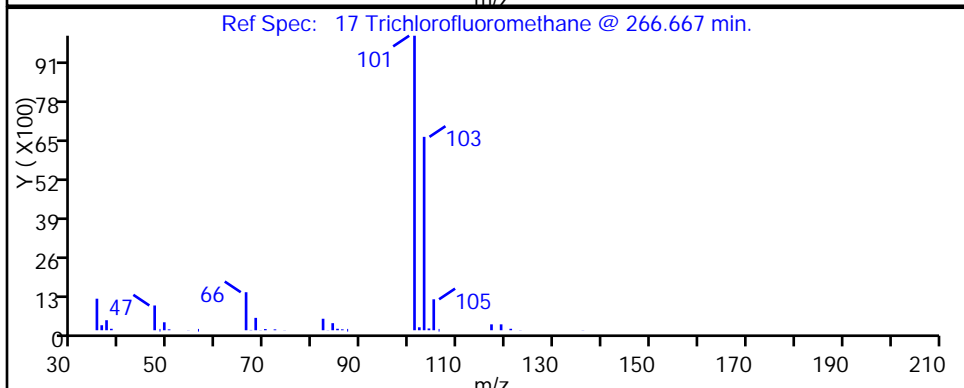
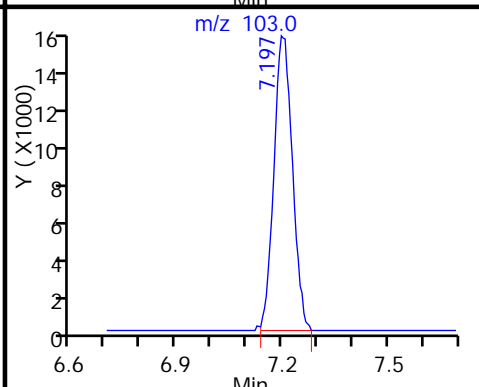
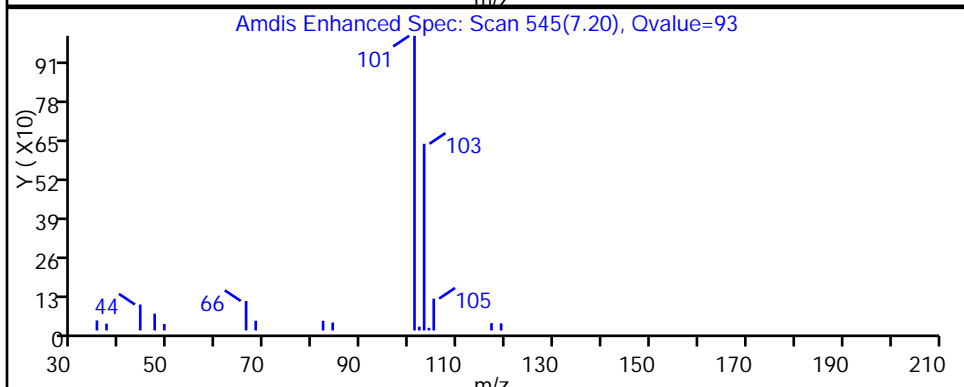
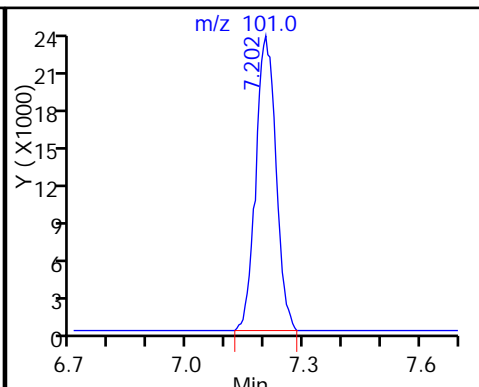
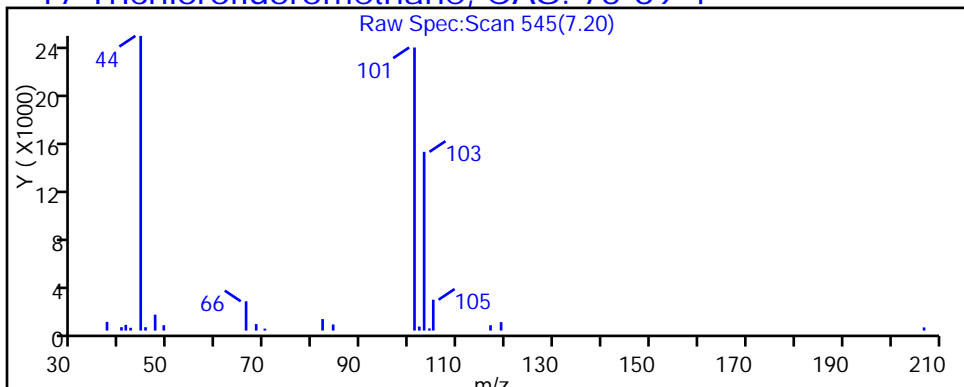
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

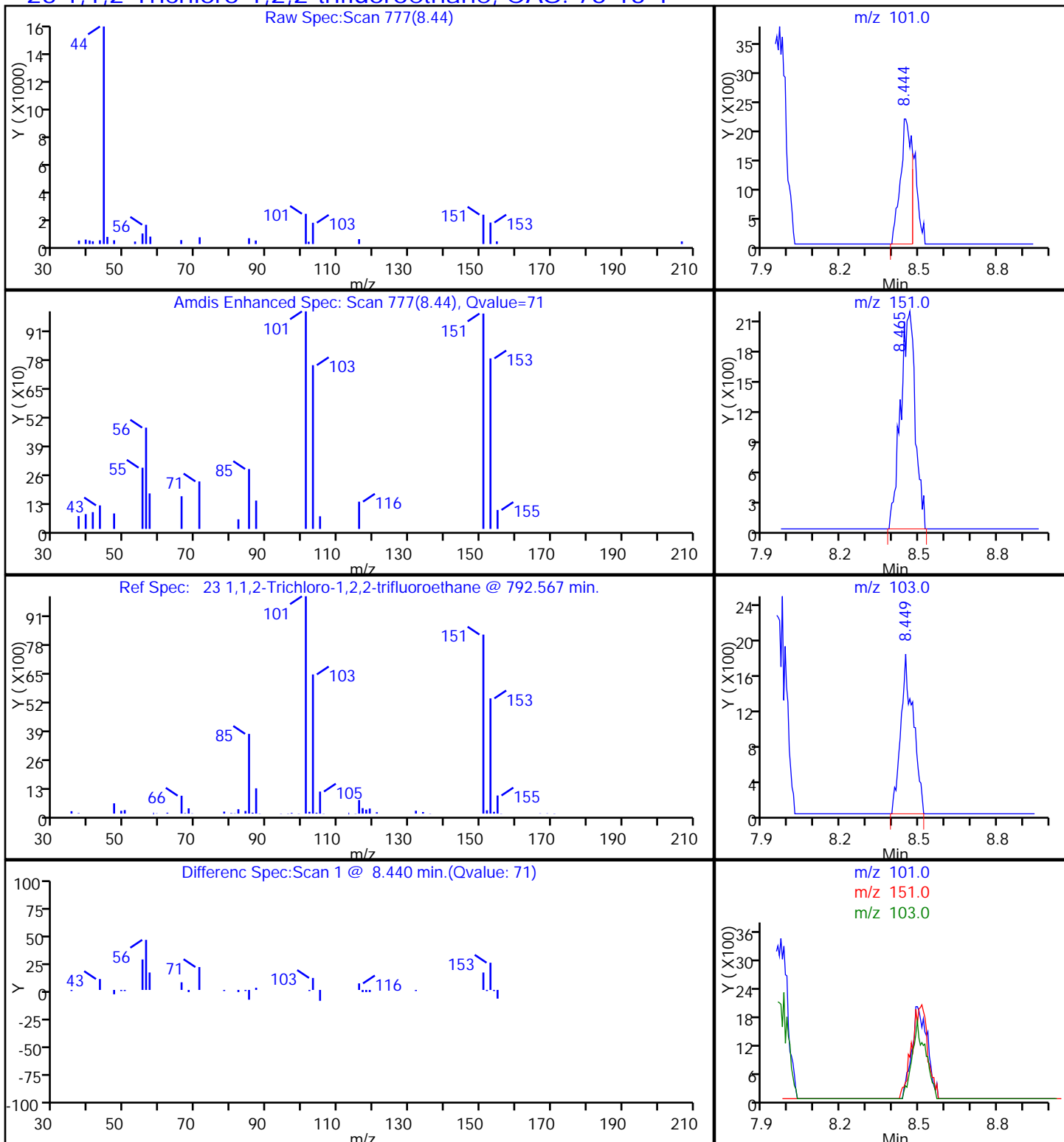
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

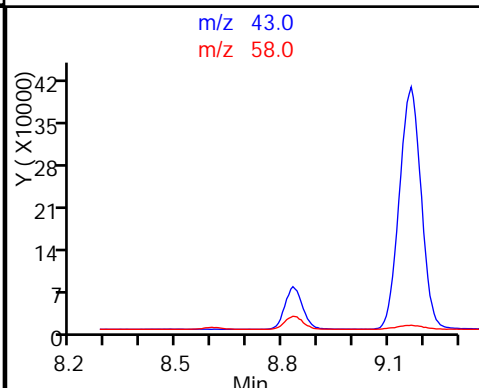
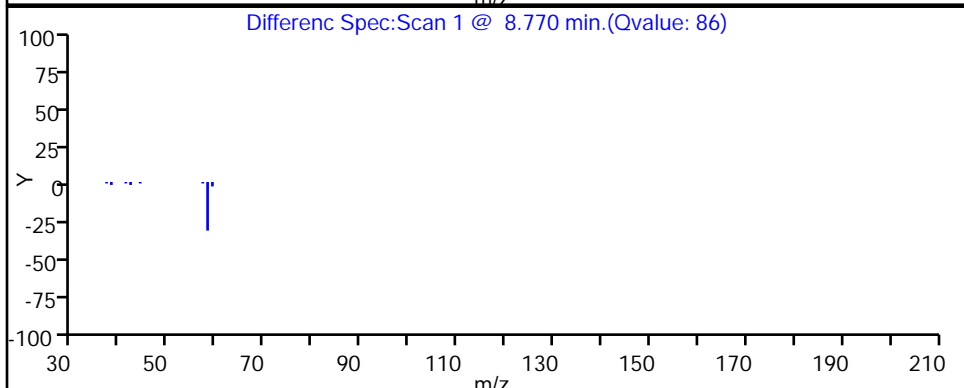
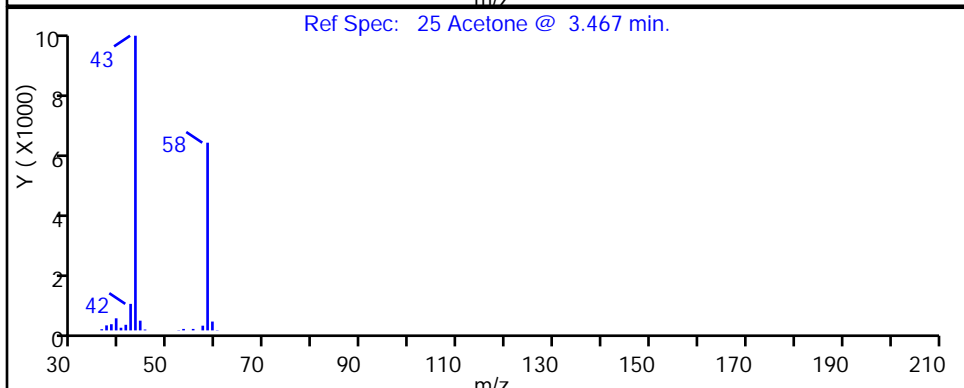
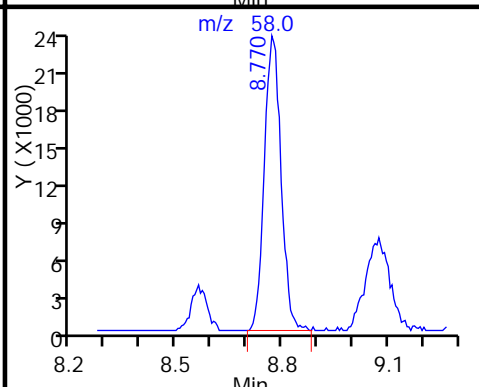
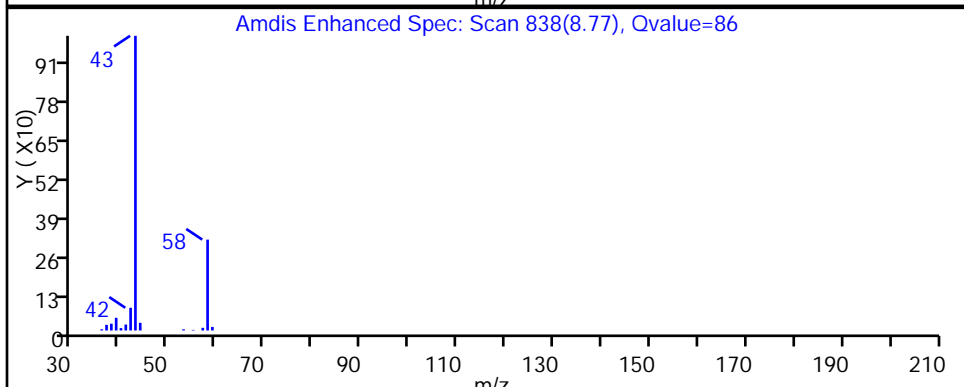
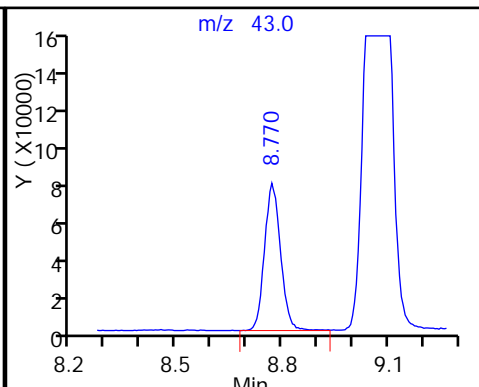
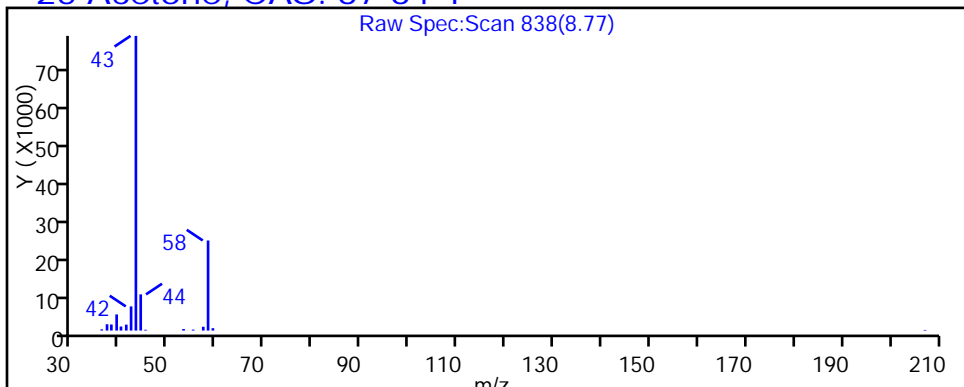
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

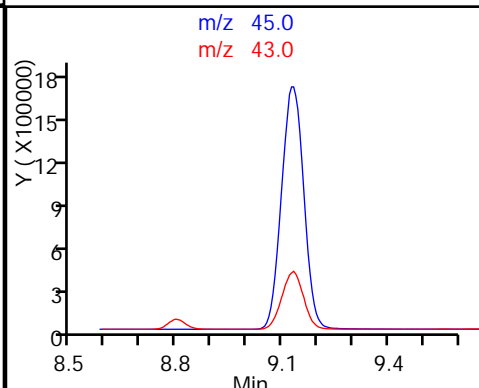
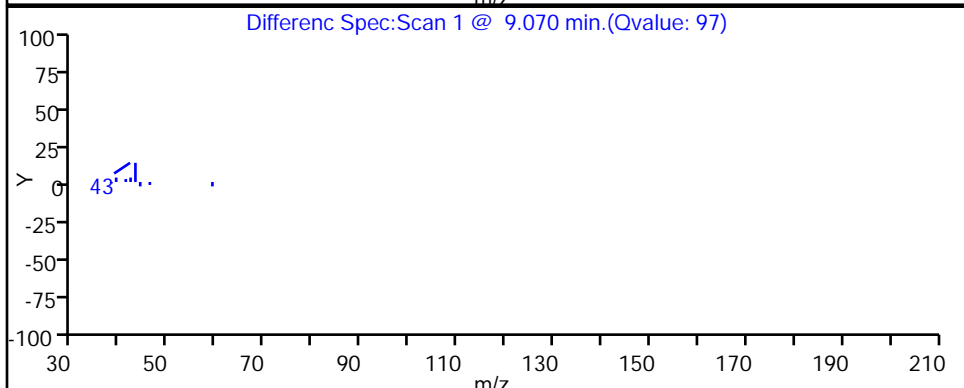
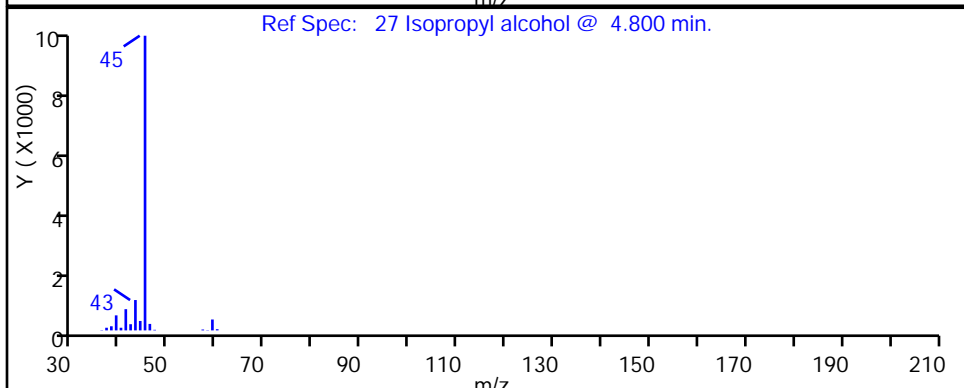
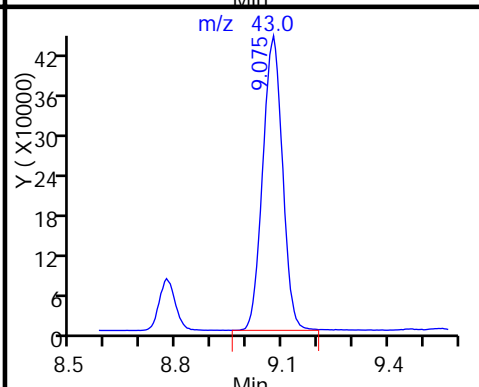
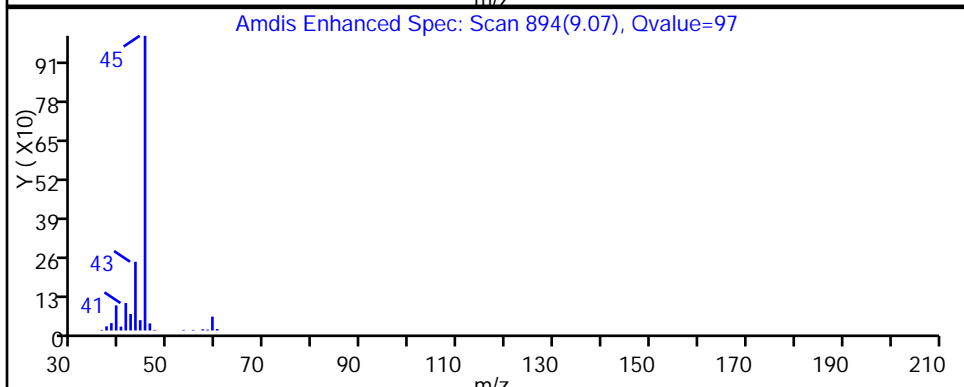
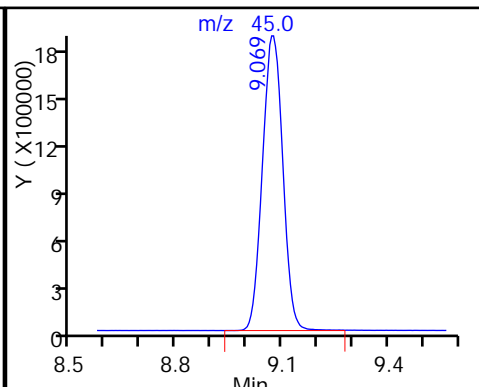
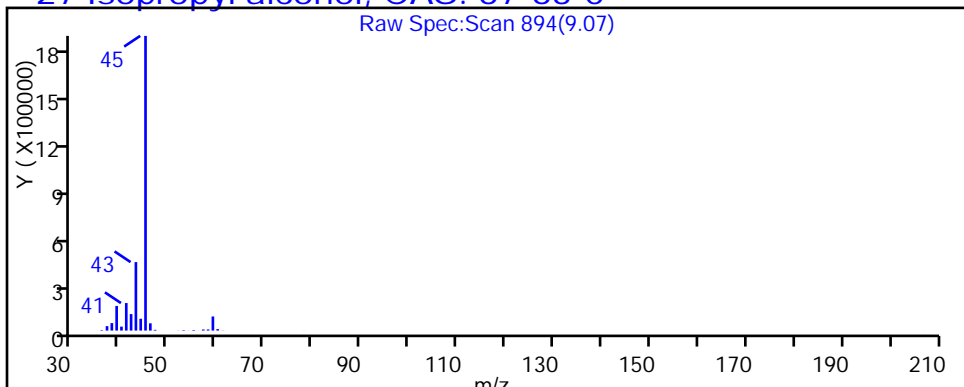
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

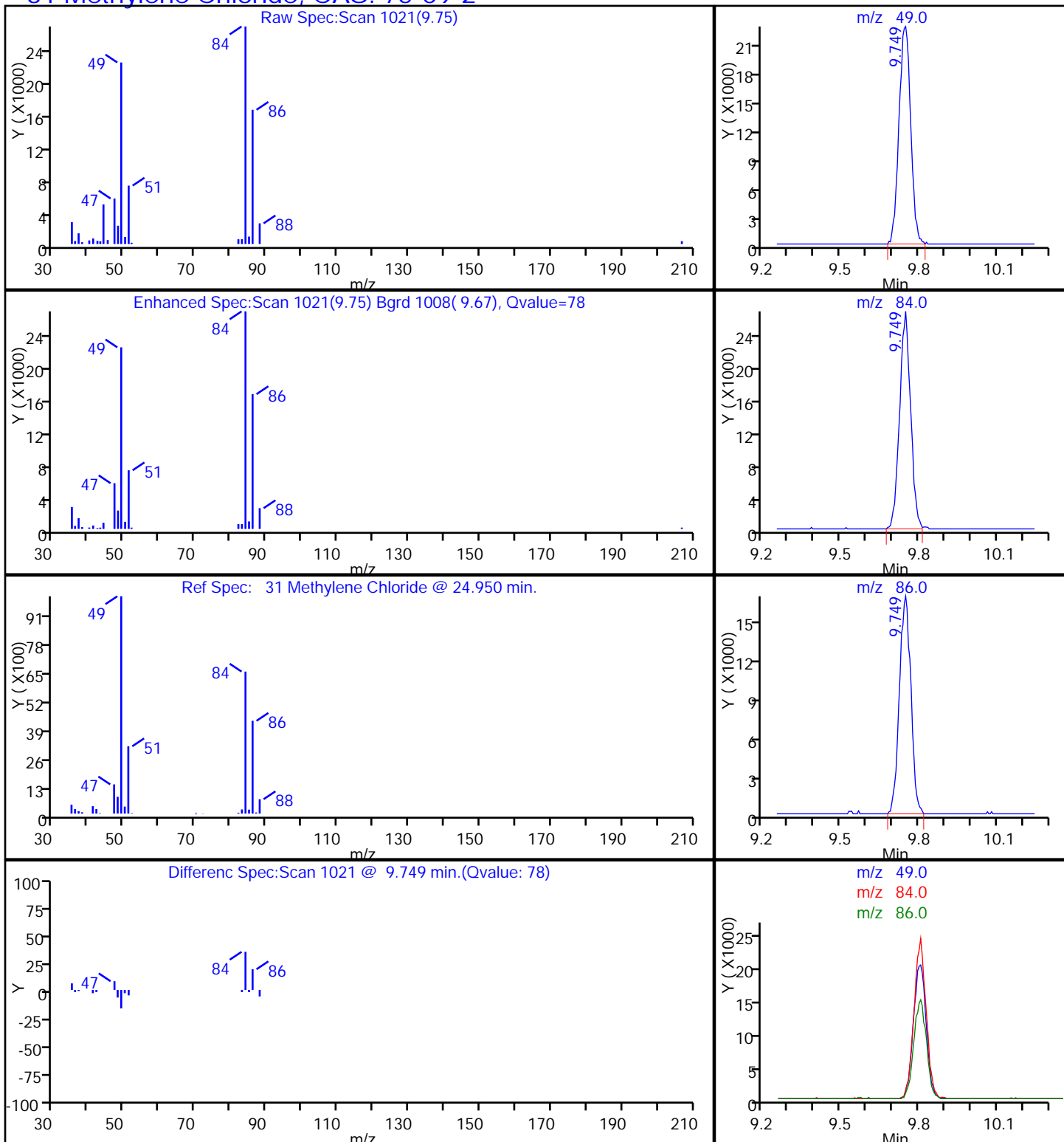
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

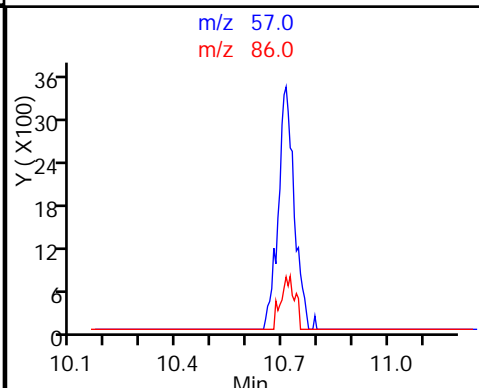
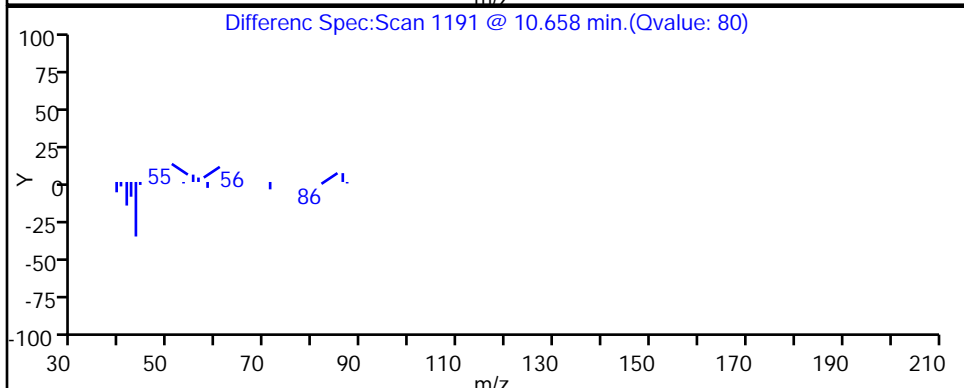
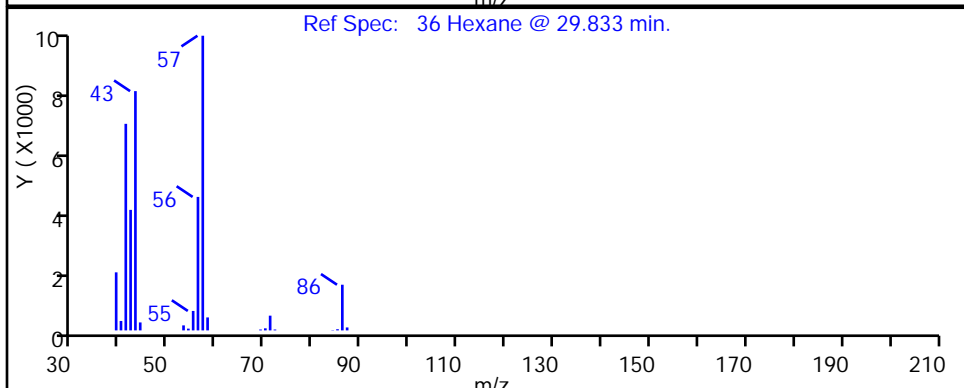
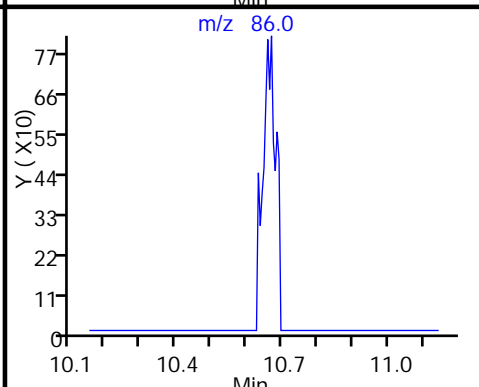
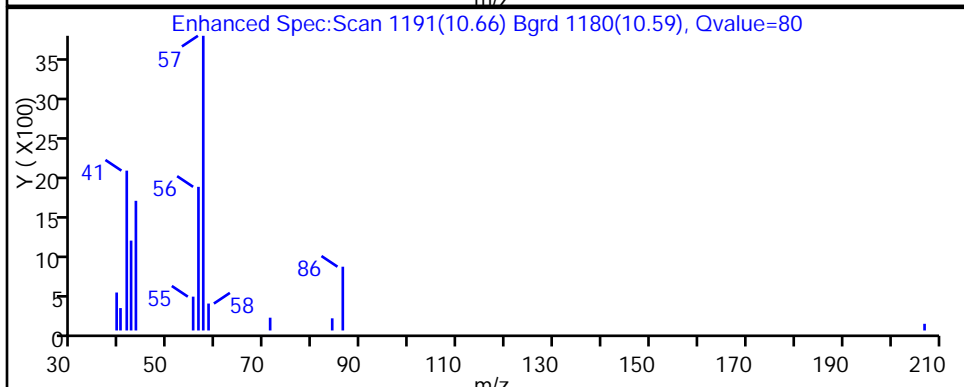
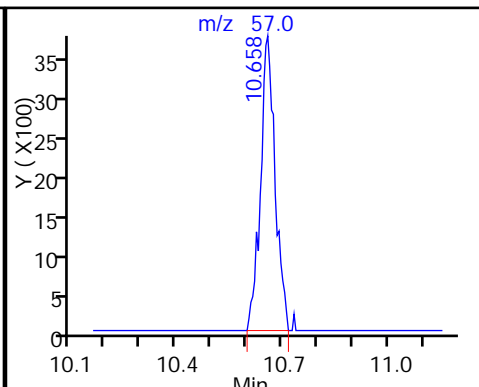
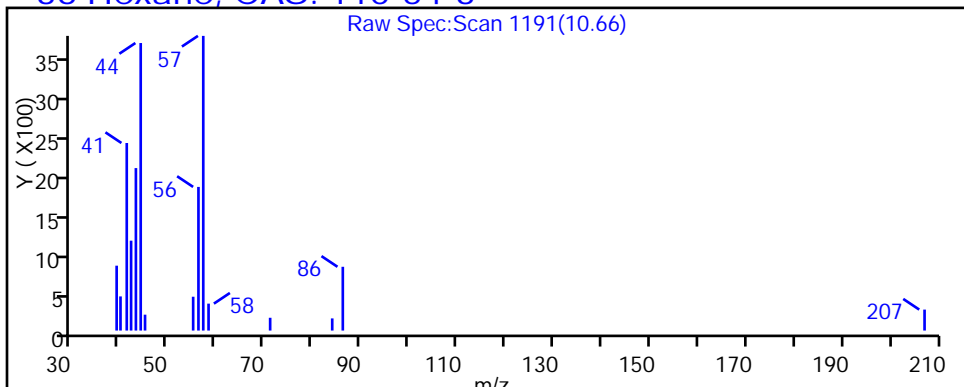
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

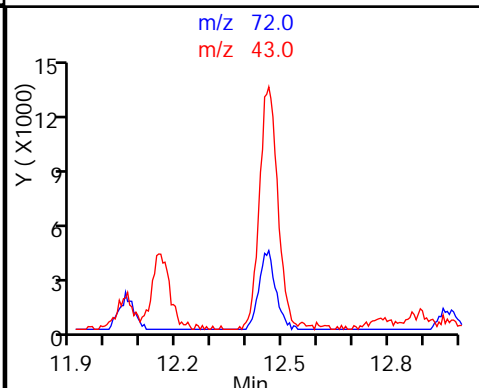
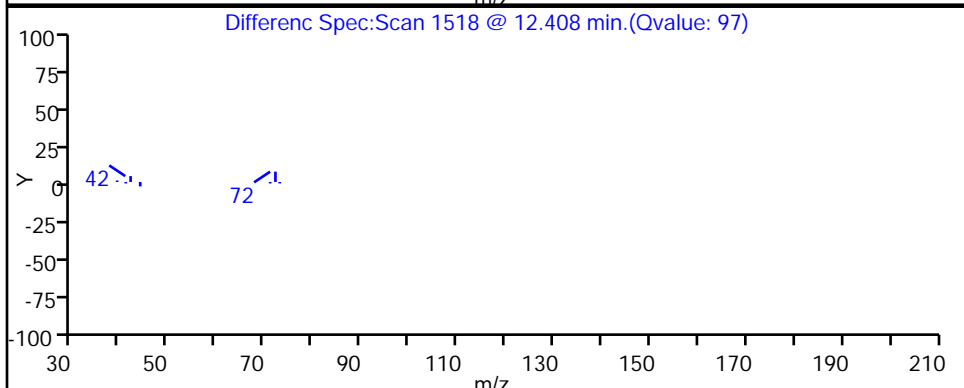
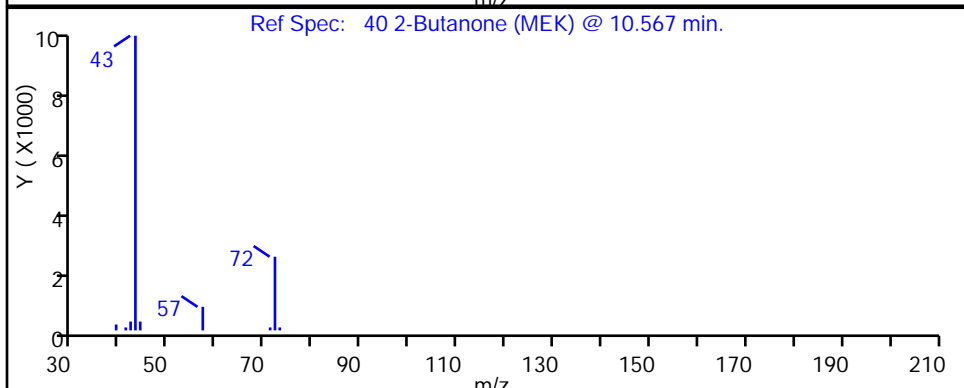
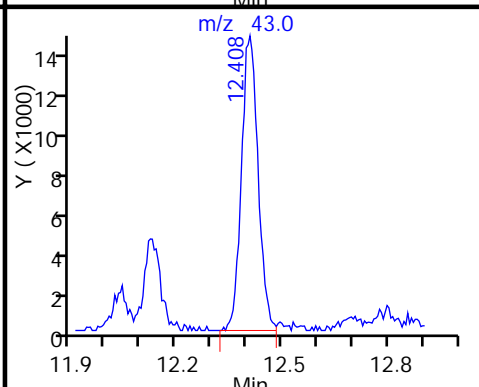
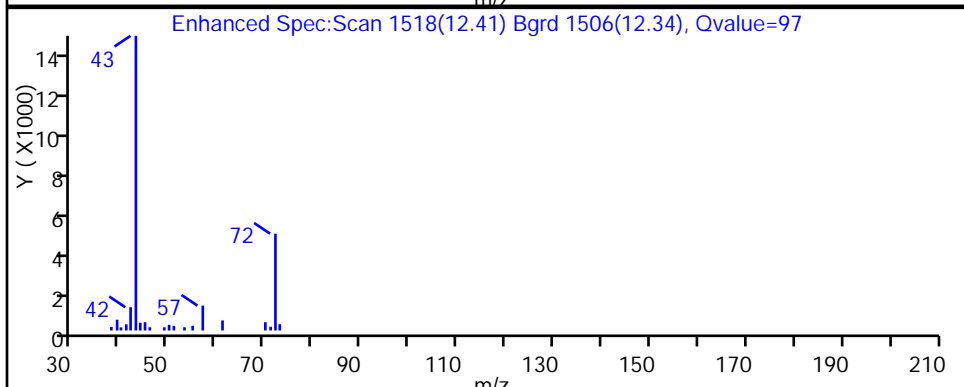
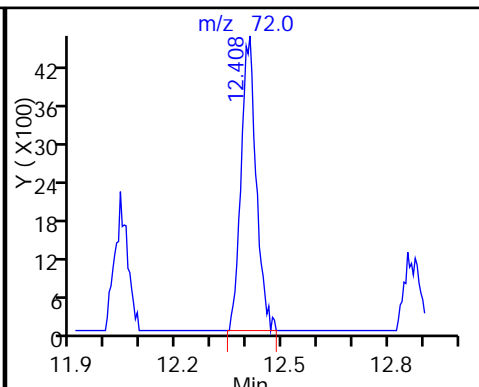
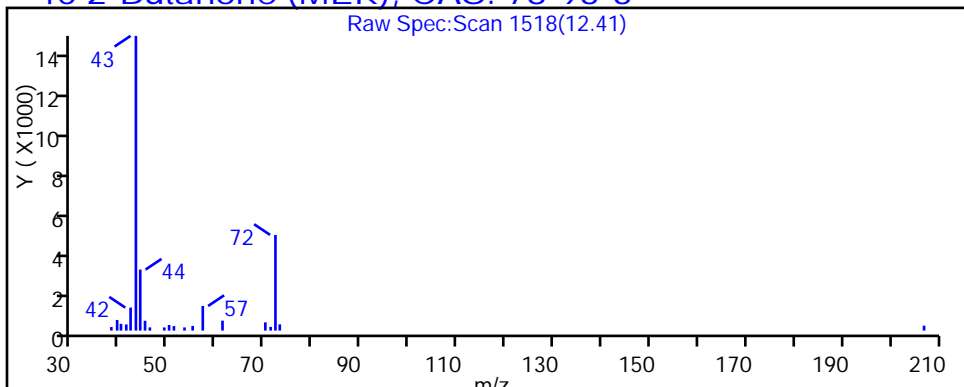
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

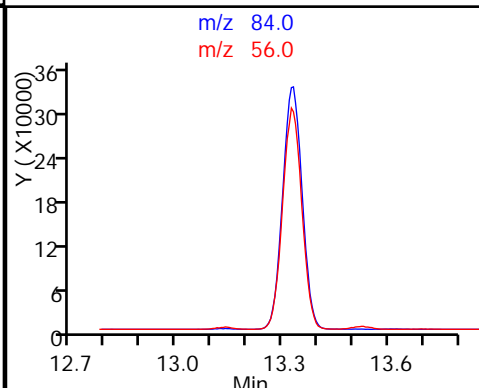
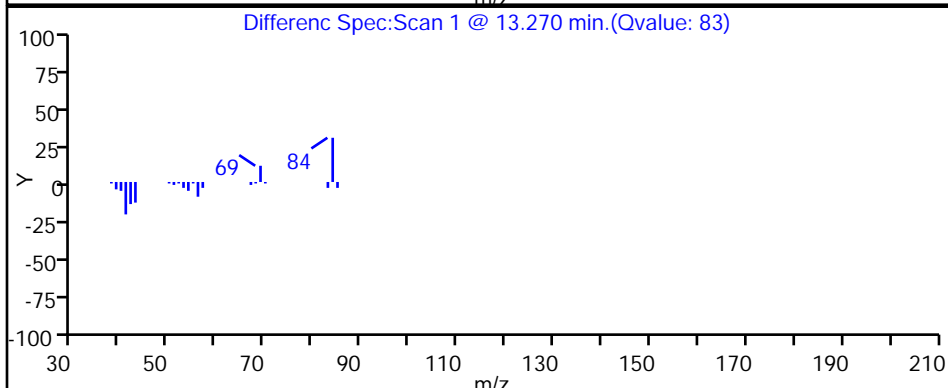
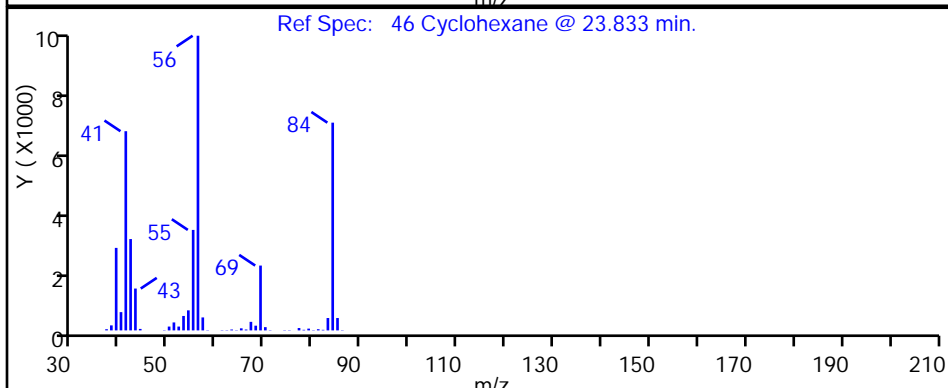
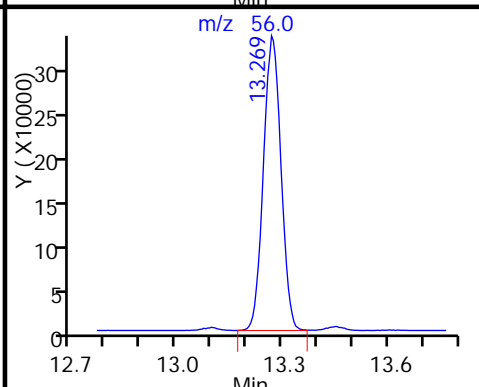
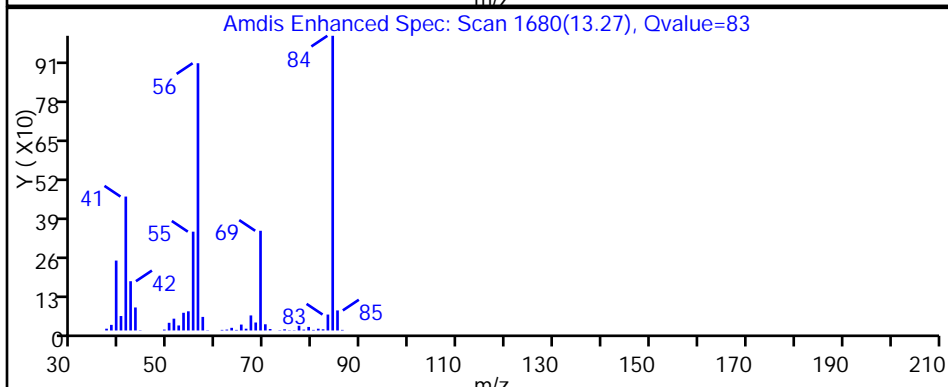
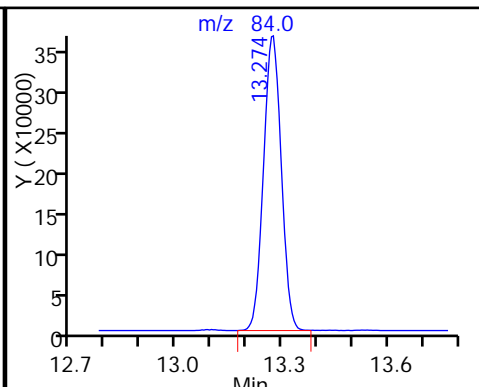
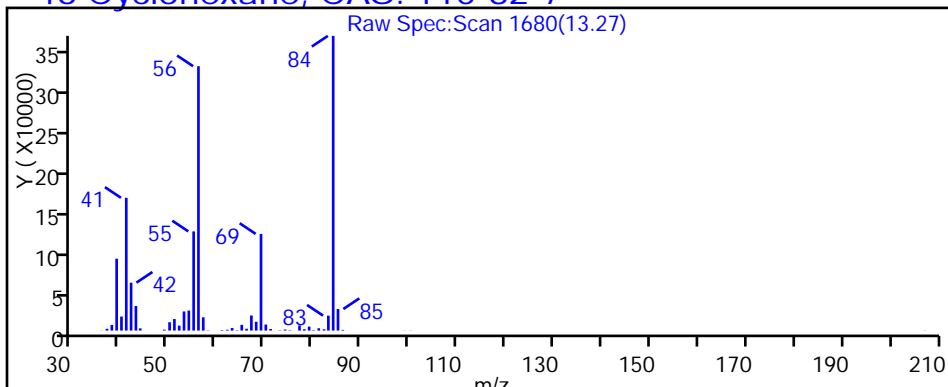
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

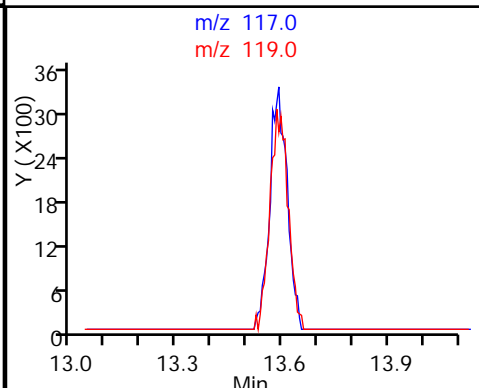
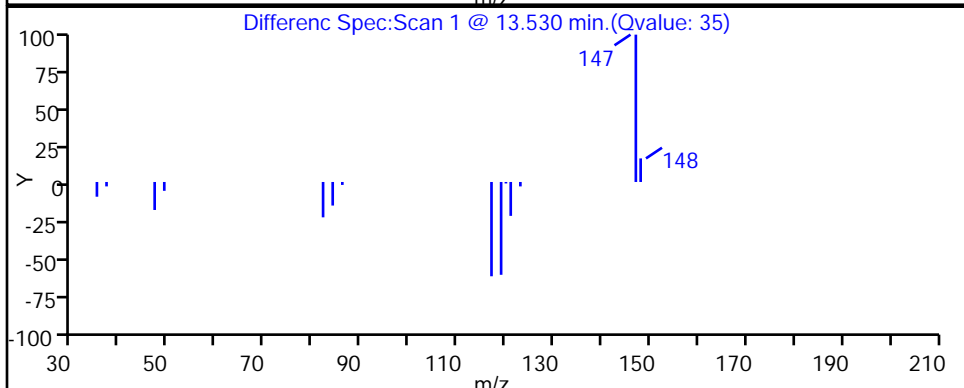
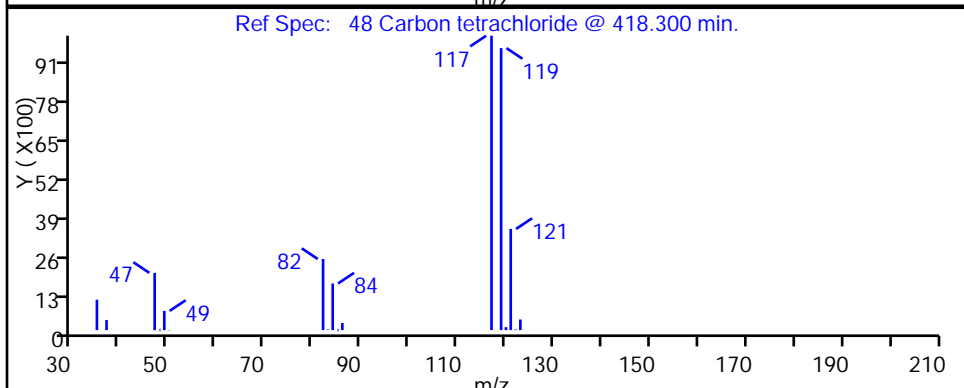
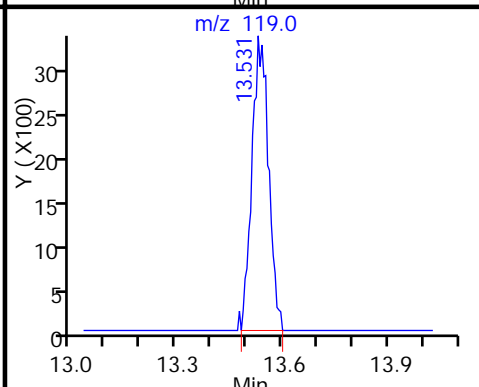
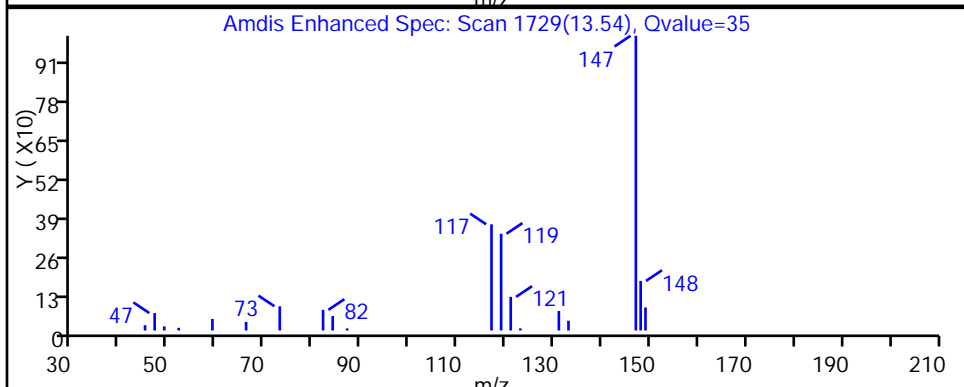
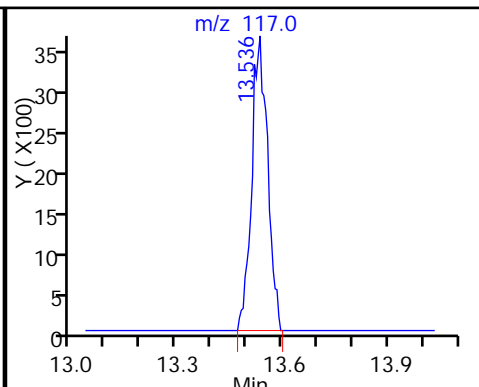
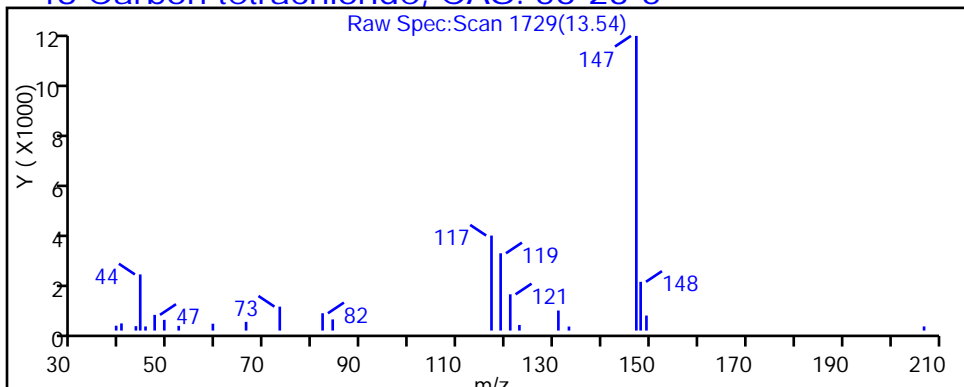
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

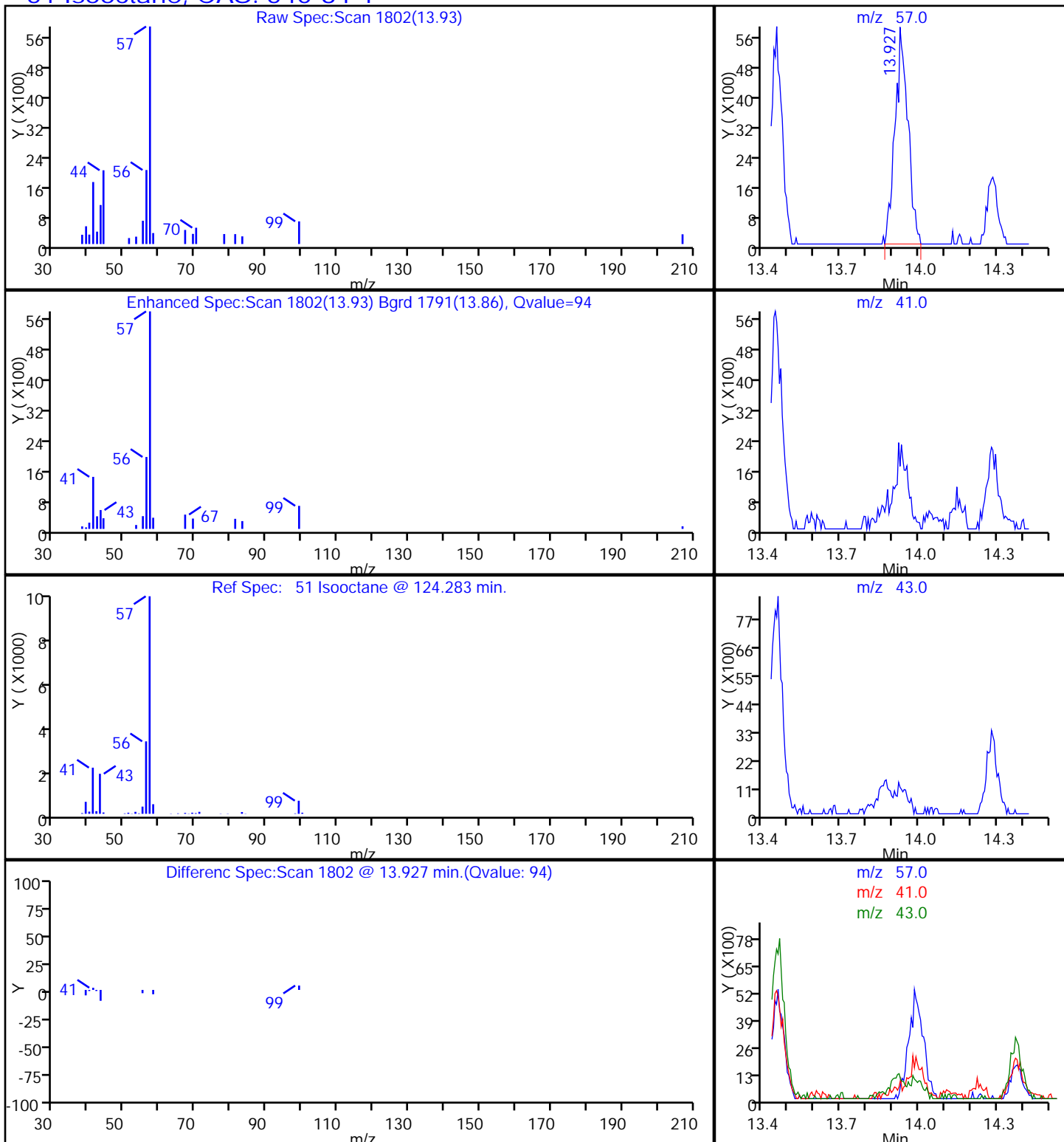
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

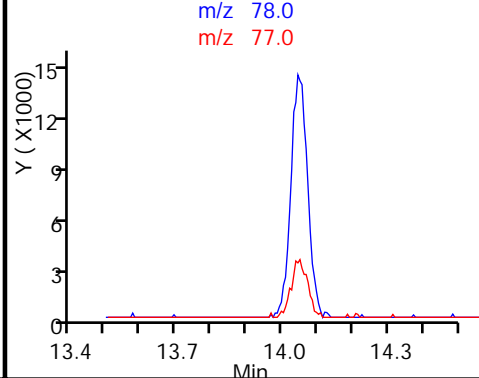
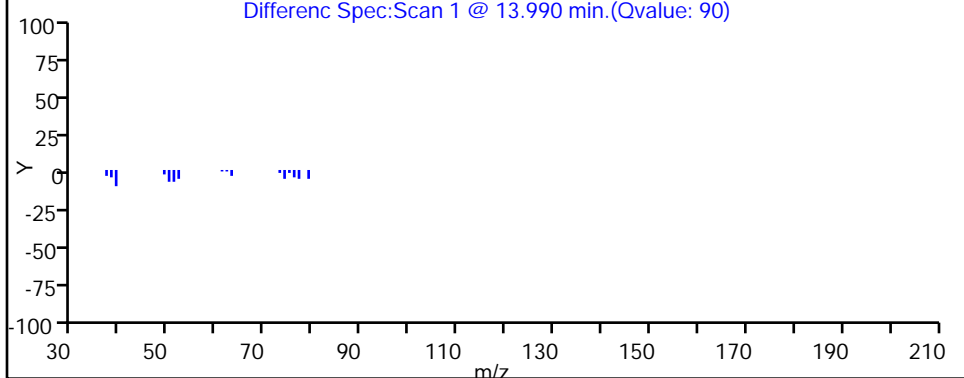
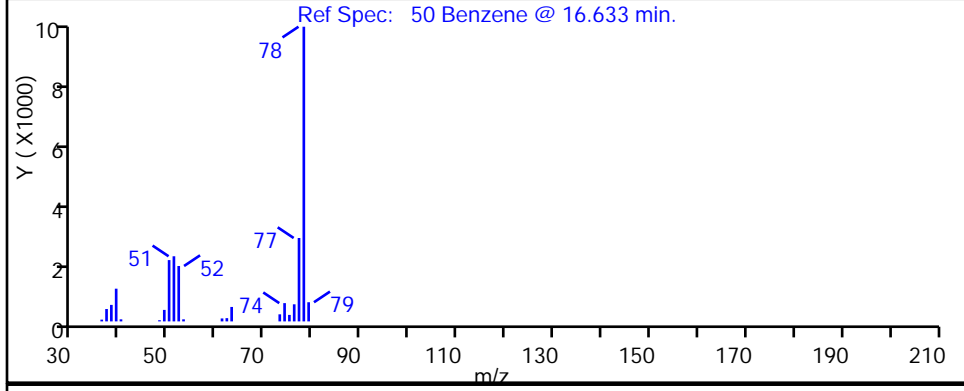
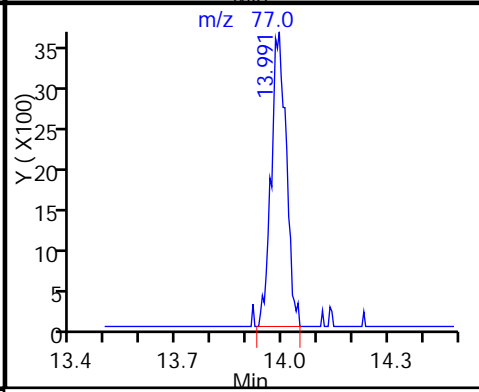
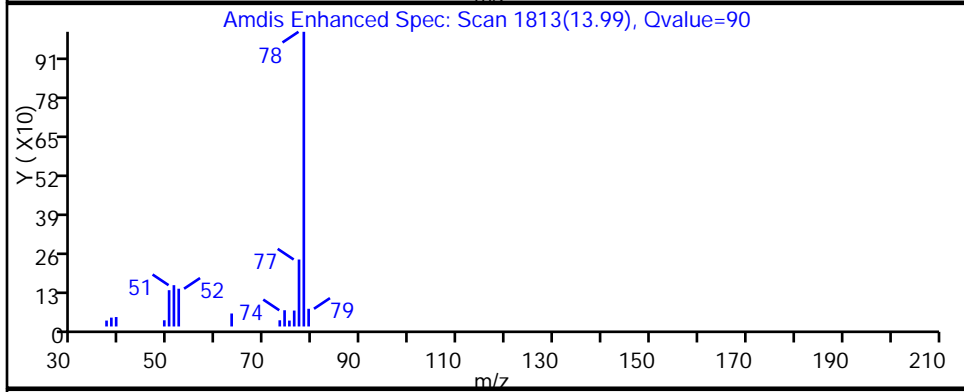
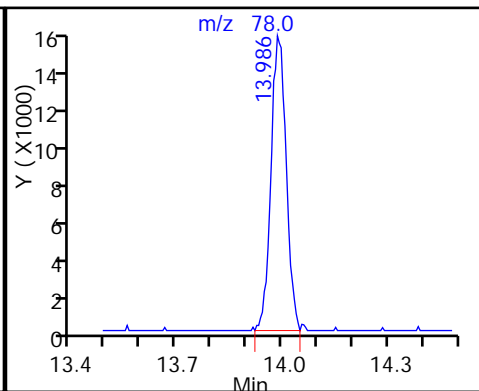
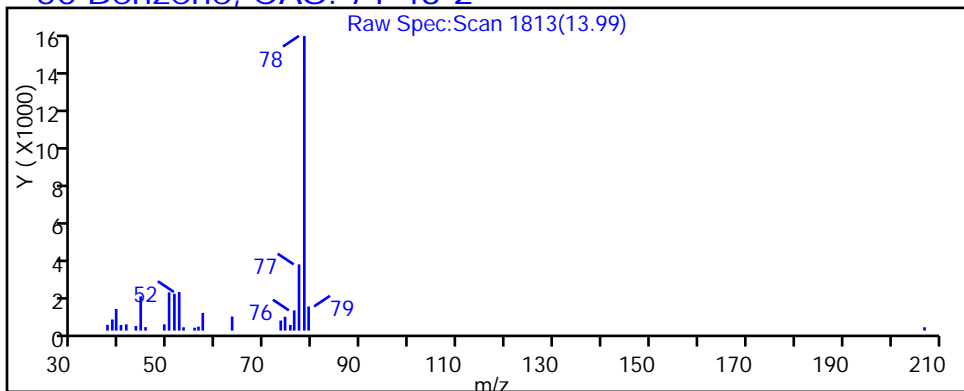
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

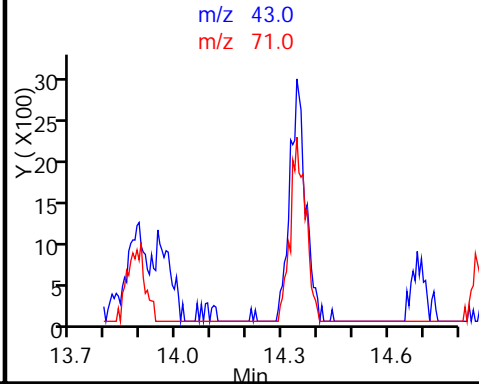
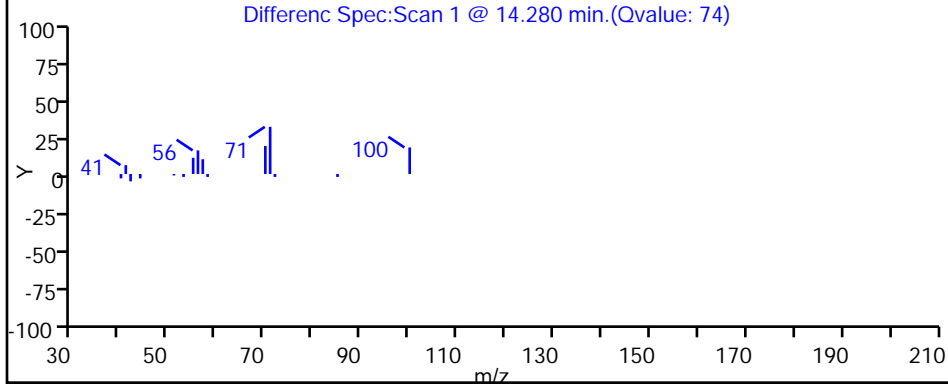
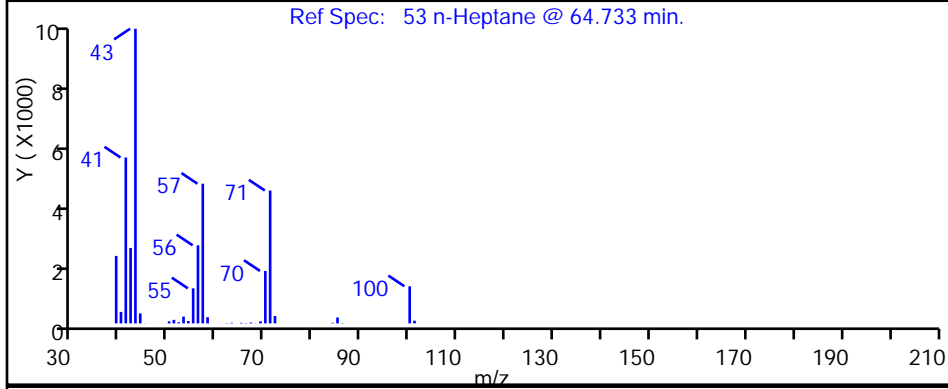
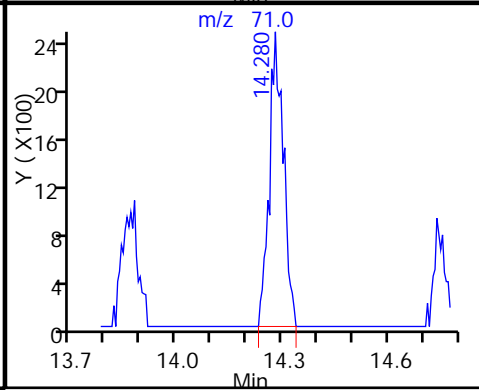
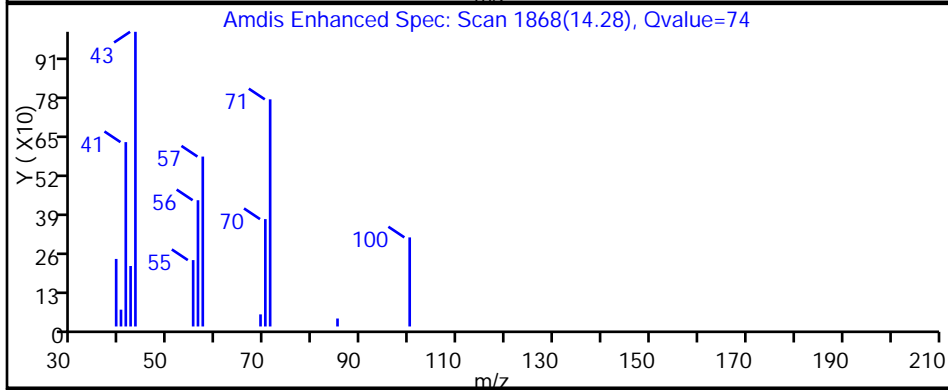
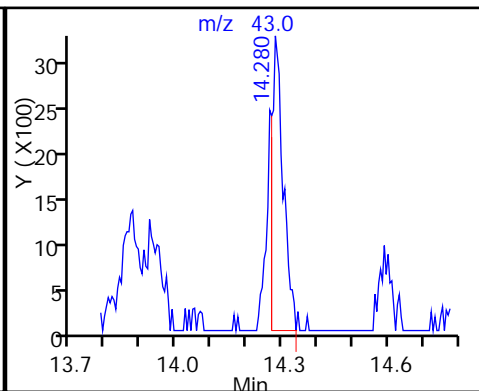
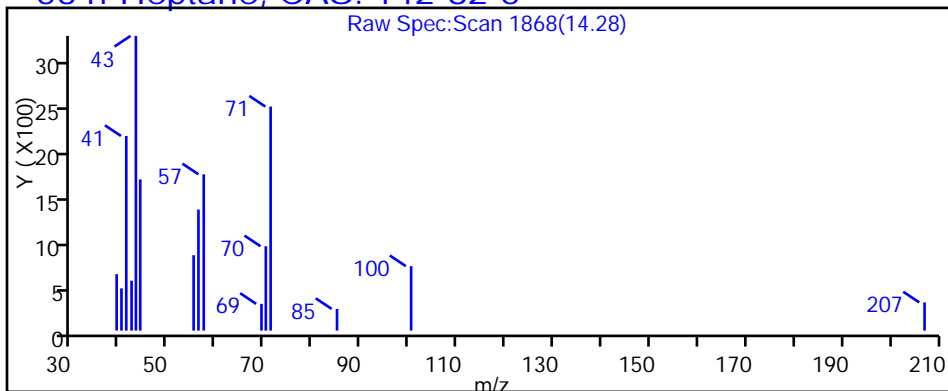
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

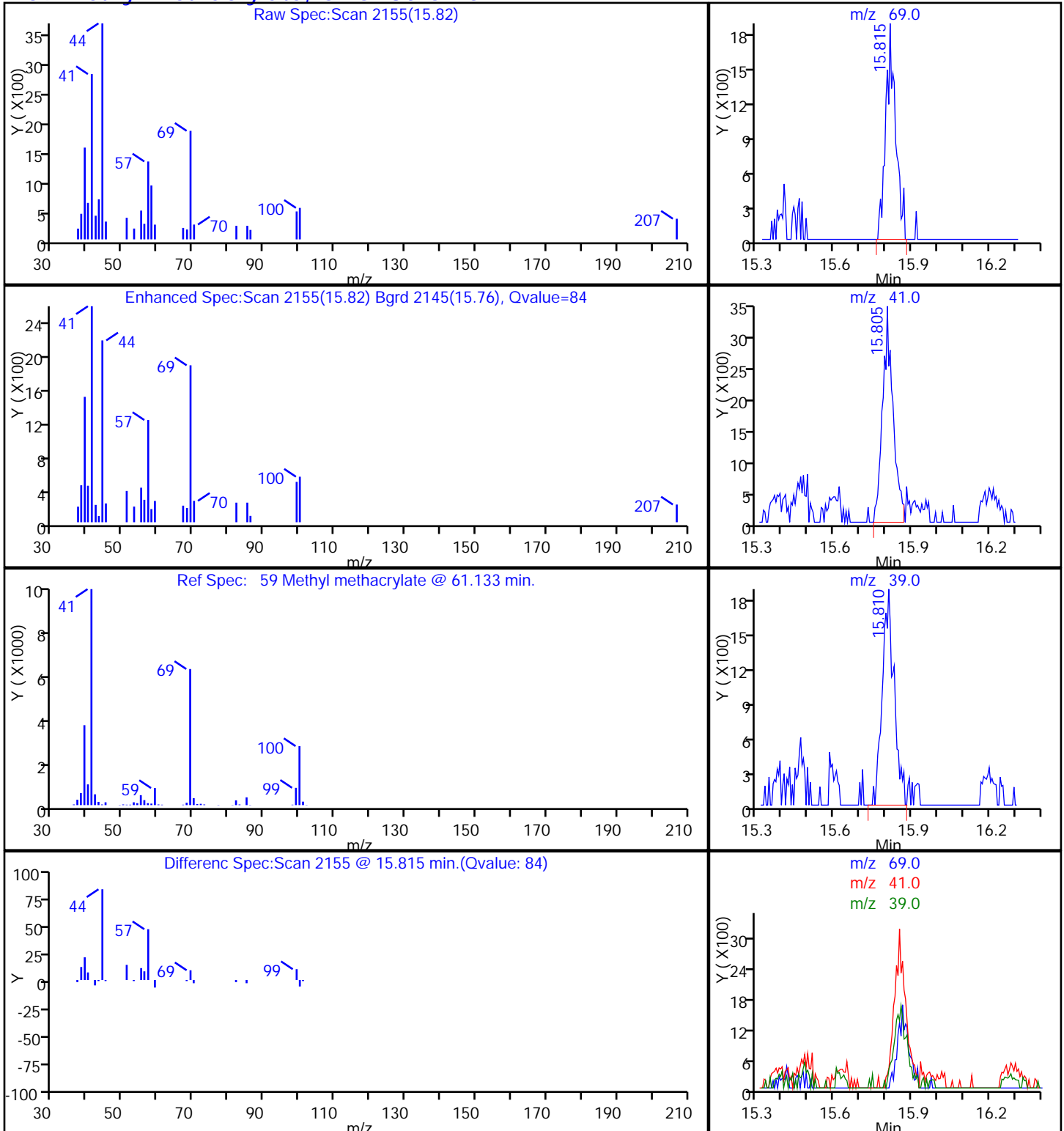
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

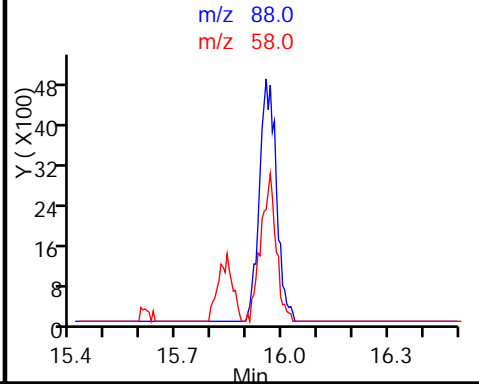
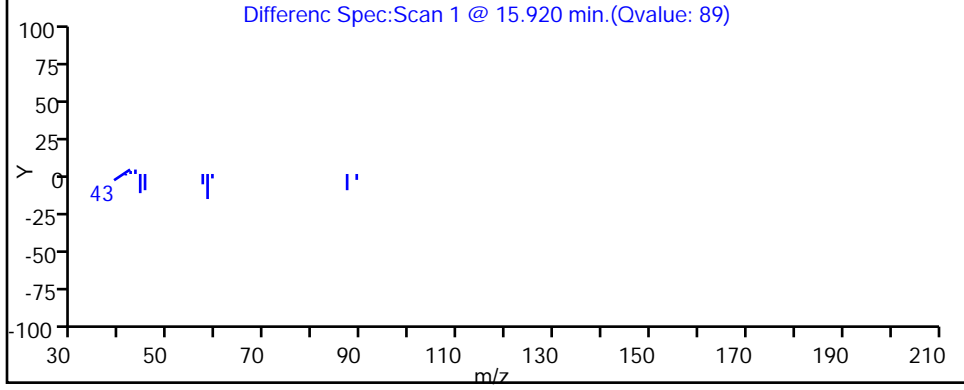
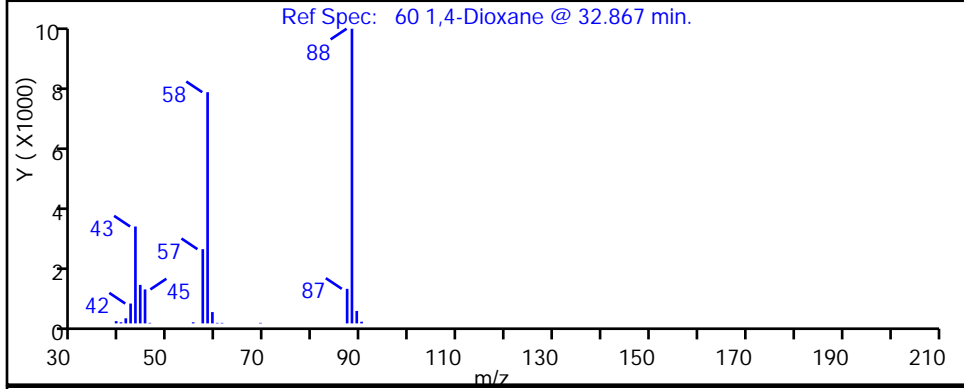
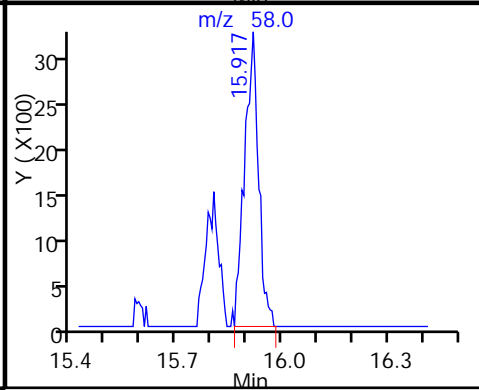
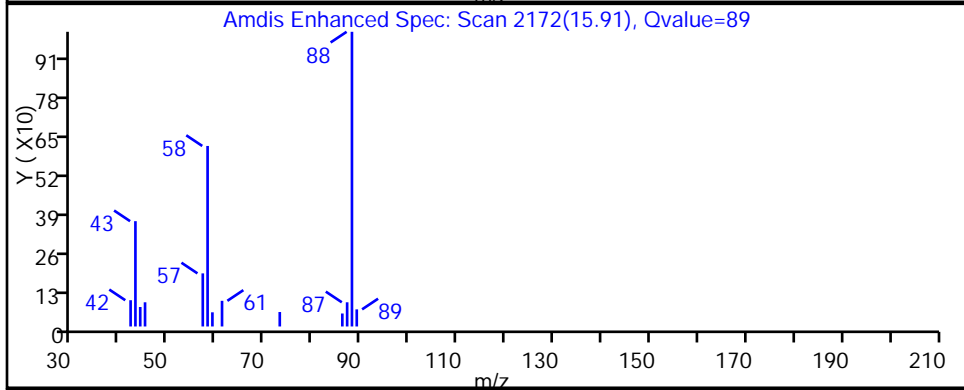
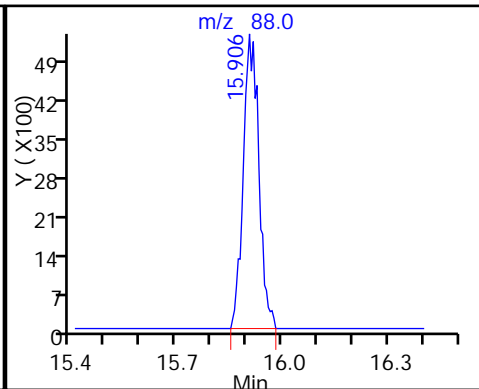
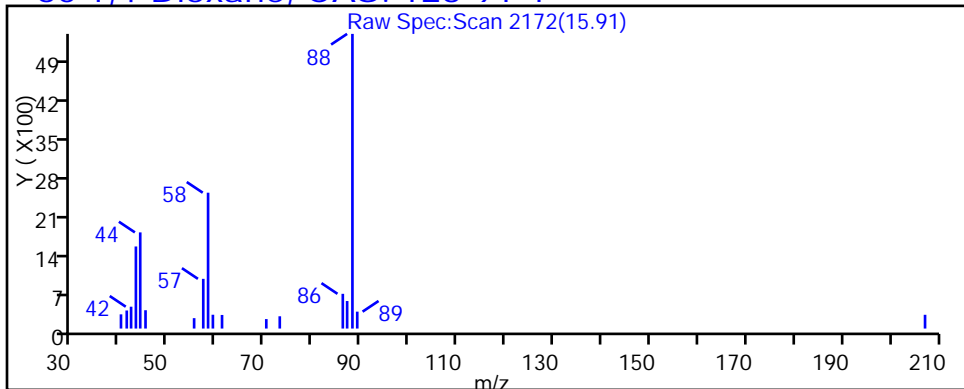
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 1,4-Dioxane, CAS: 123-91-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

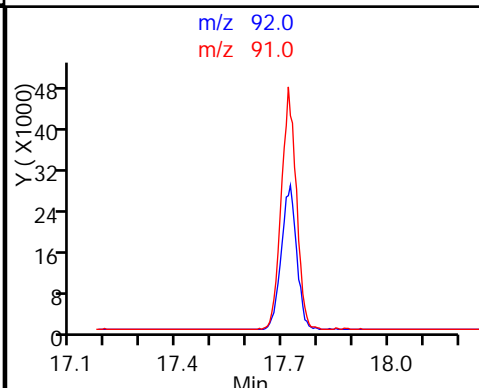
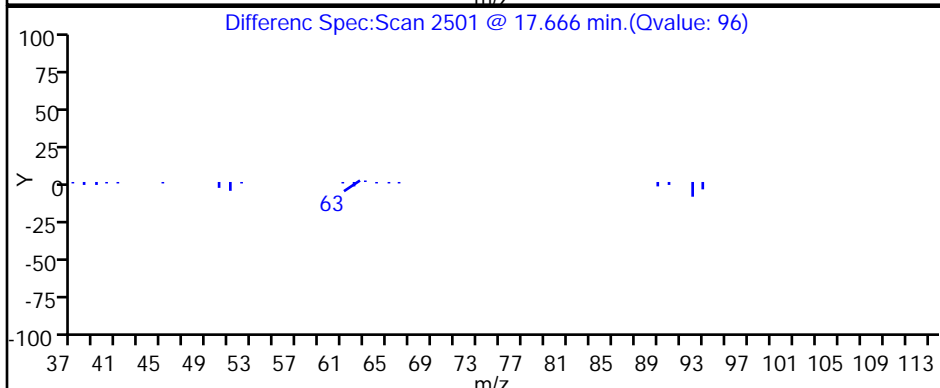
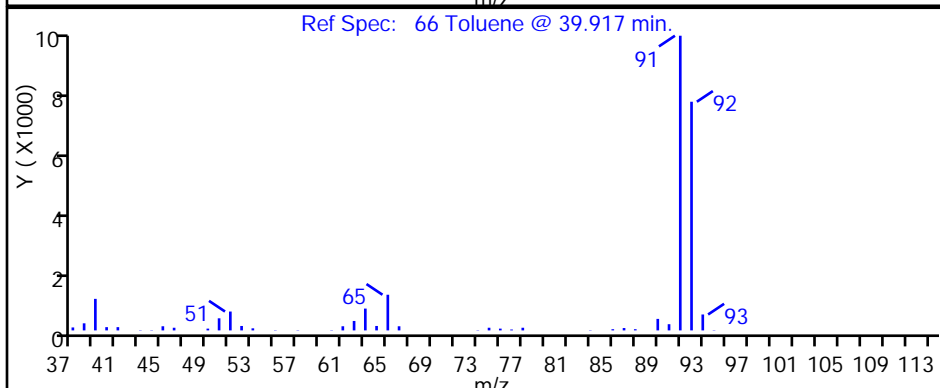
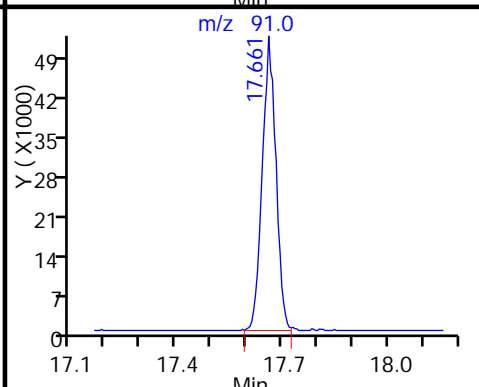
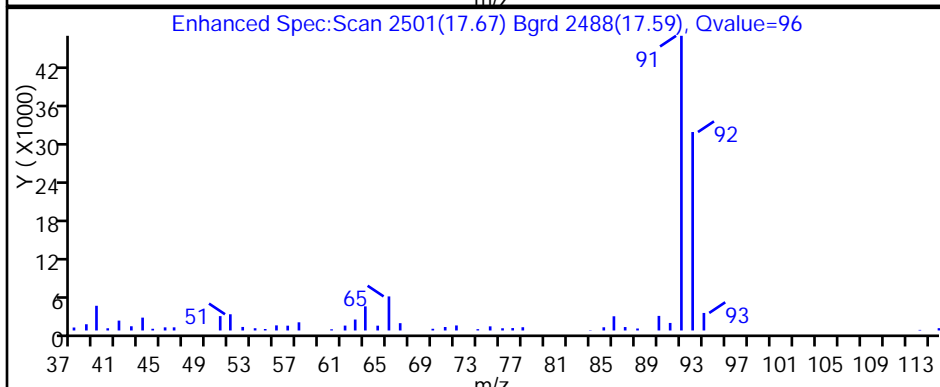
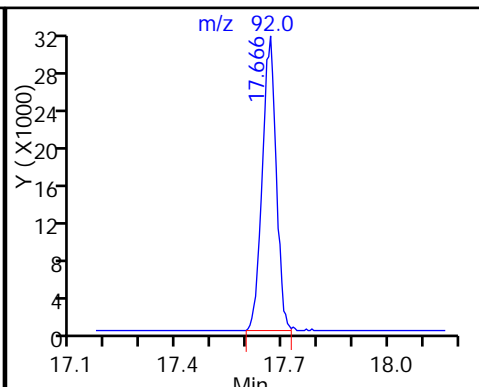
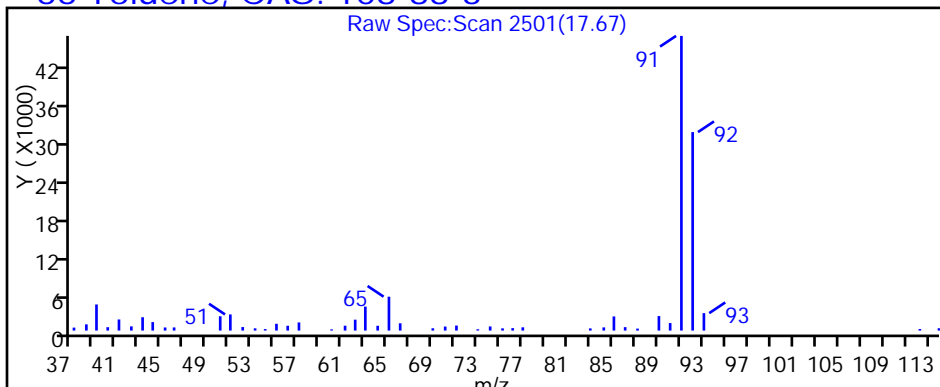
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

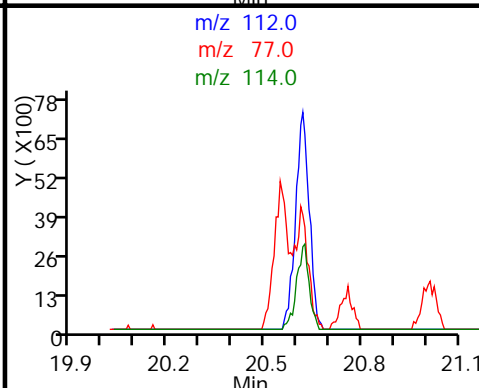
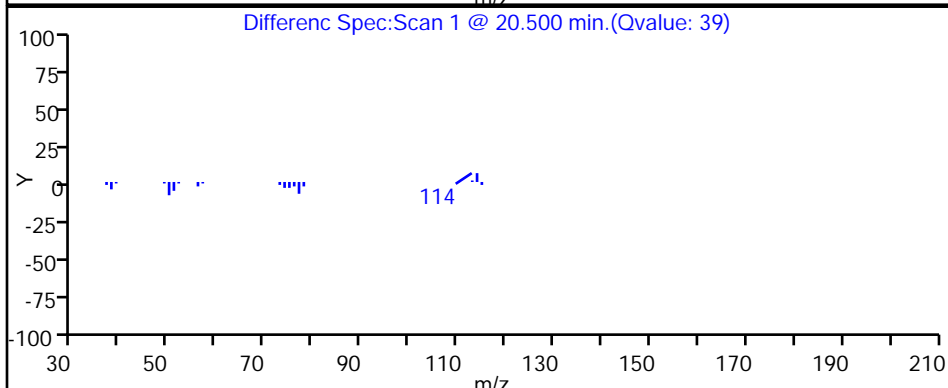
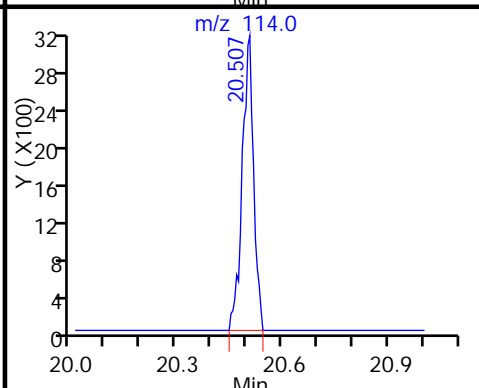
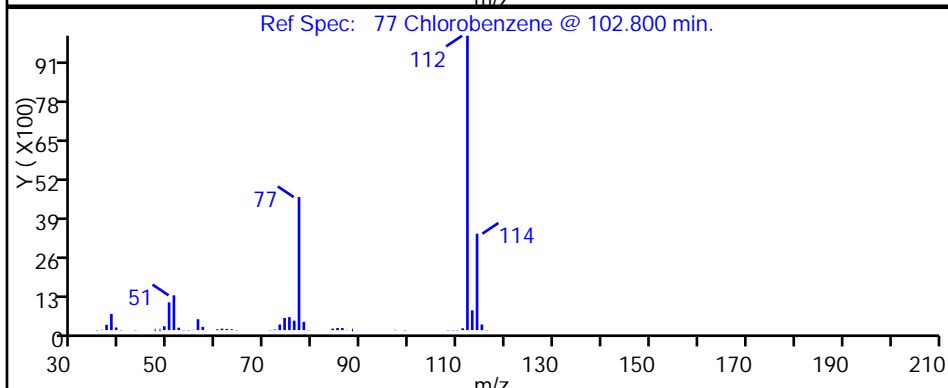
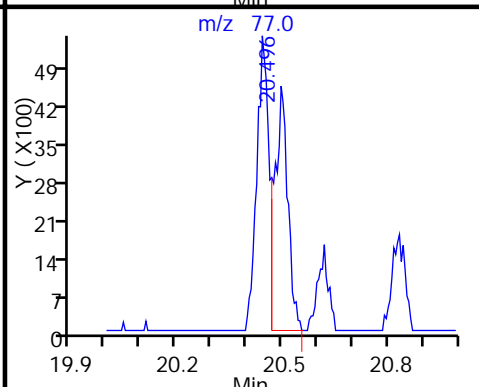
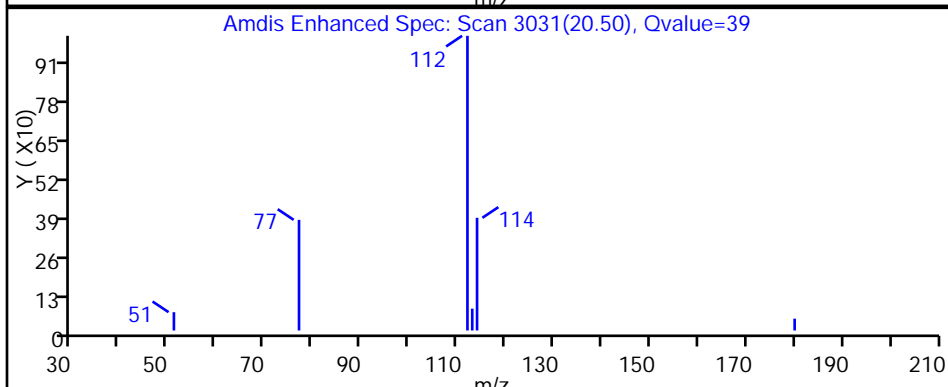
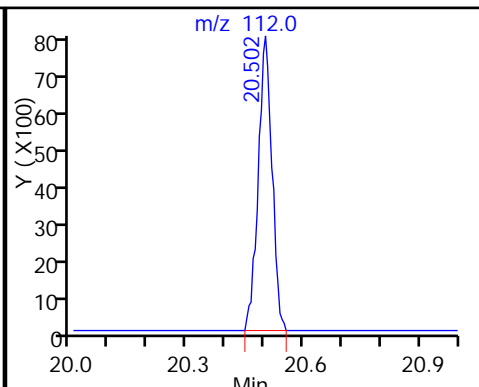
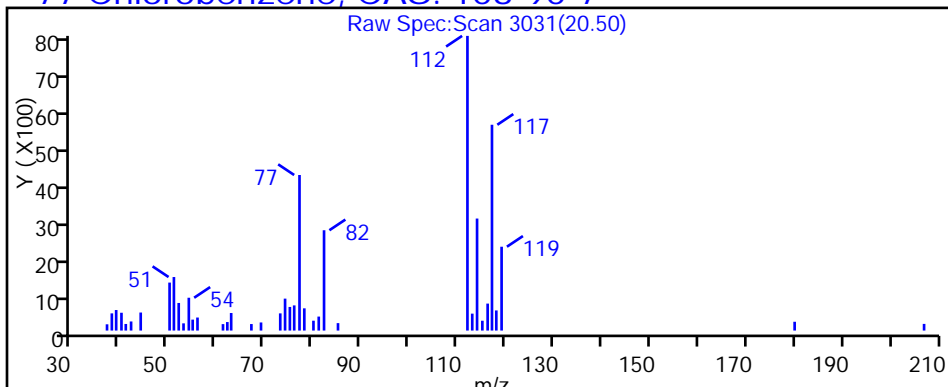
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

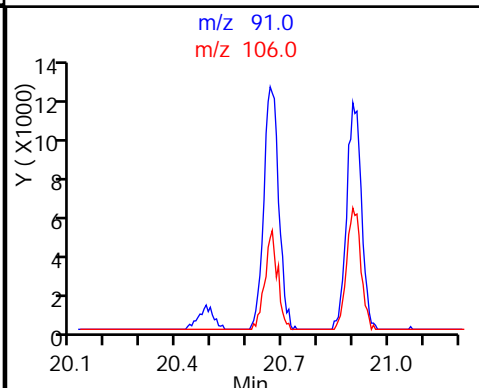
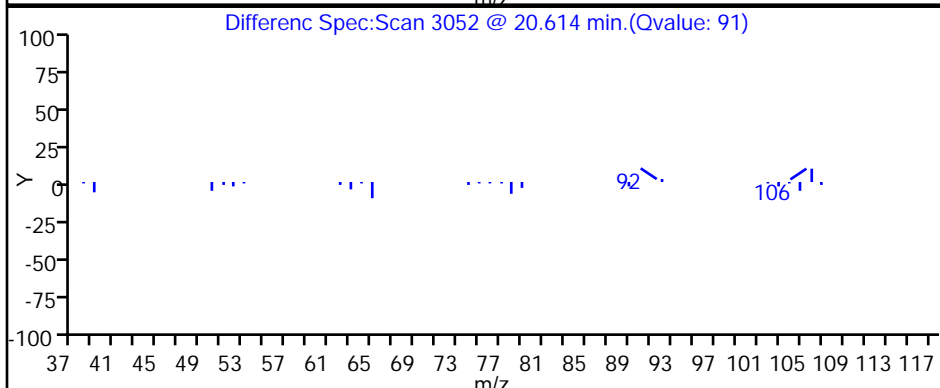
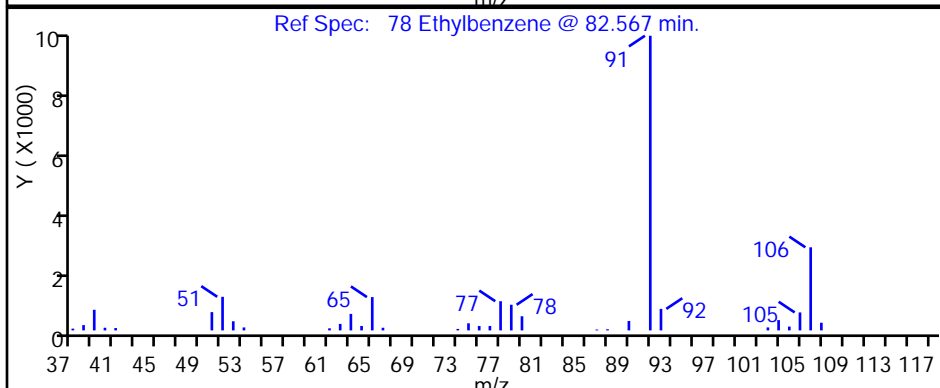
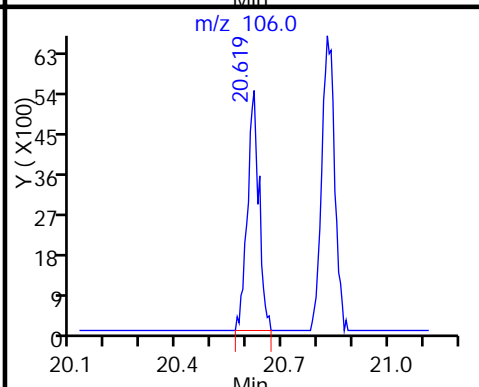
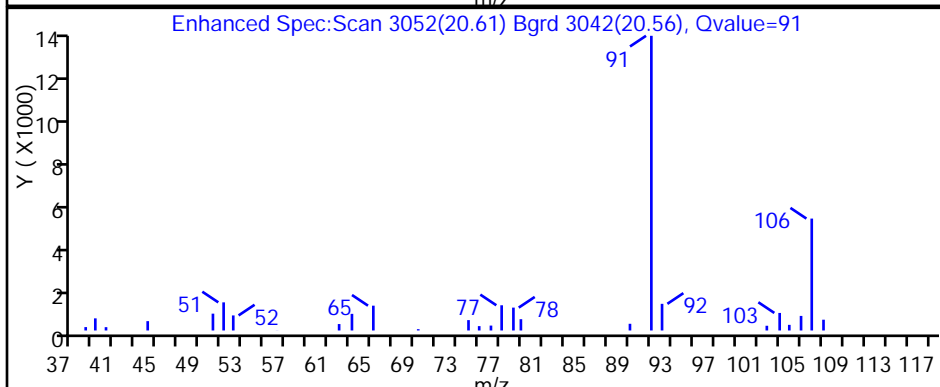
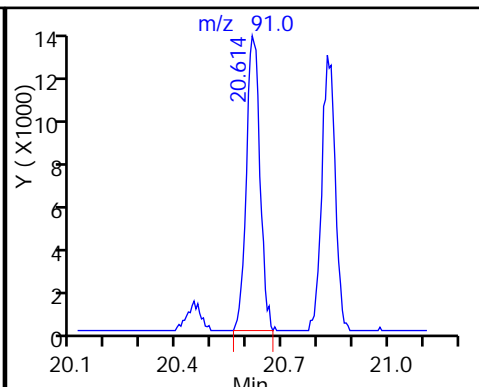
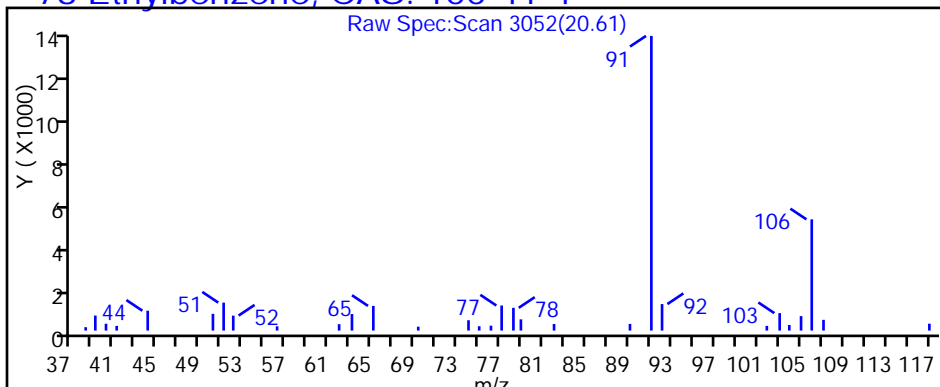
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

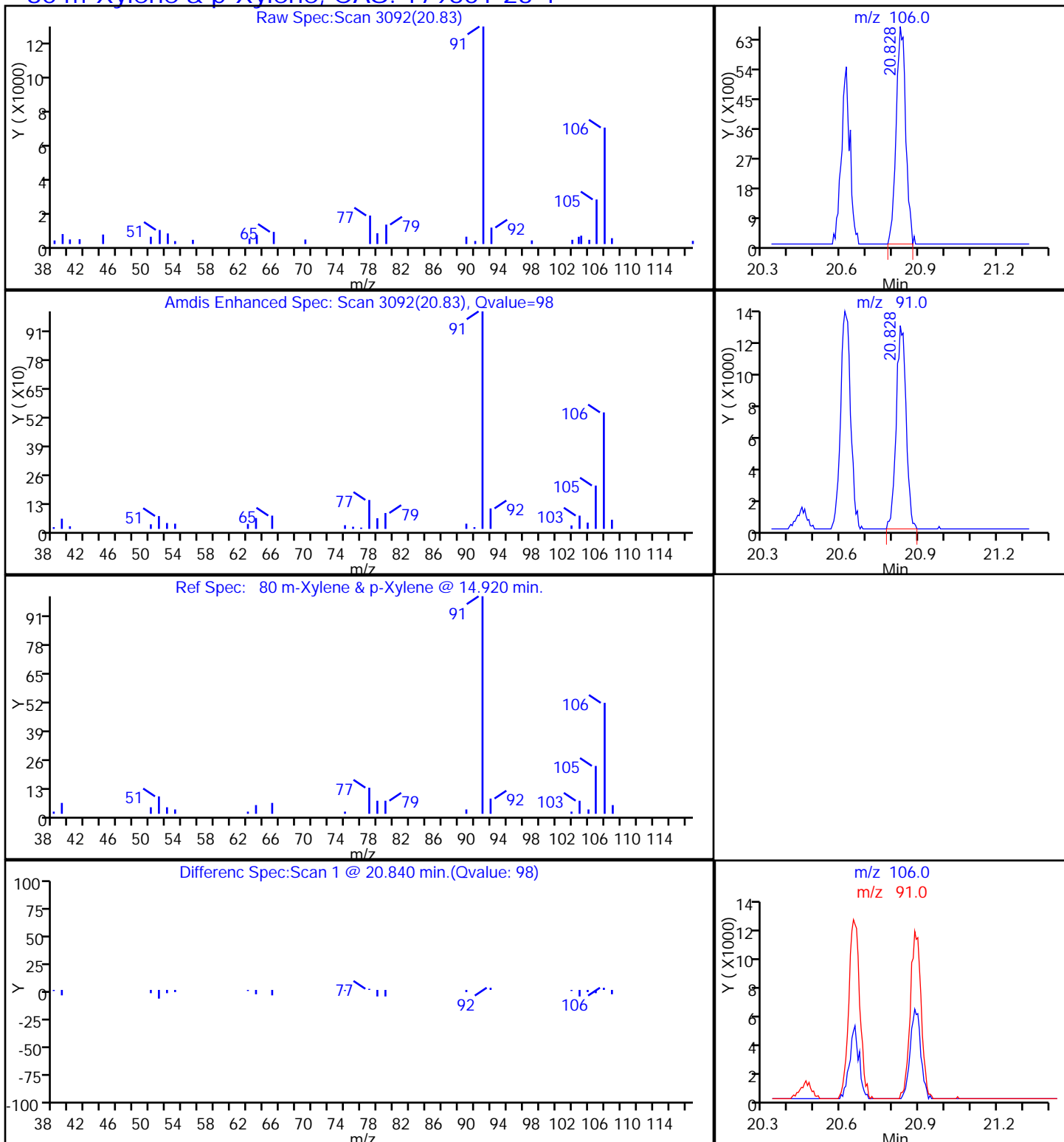
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

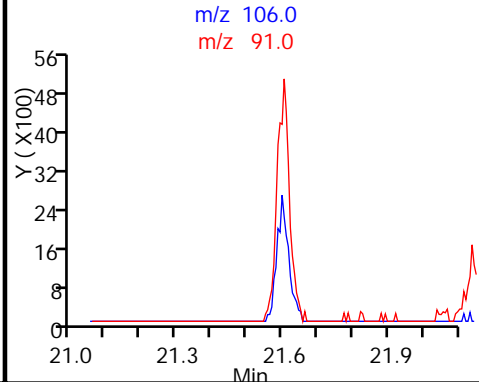
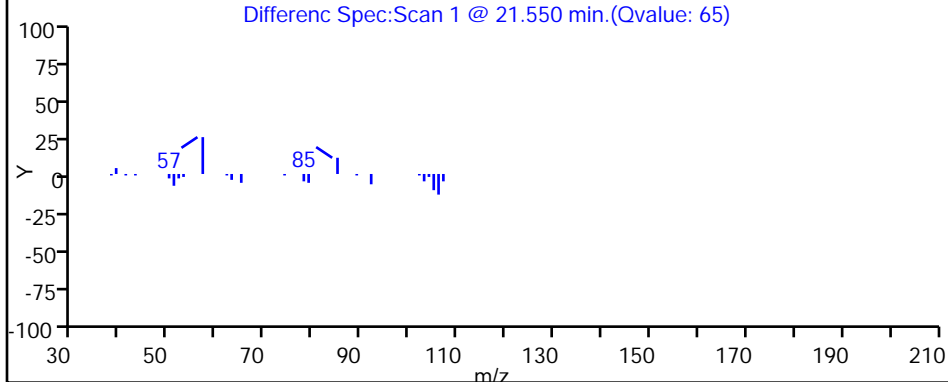
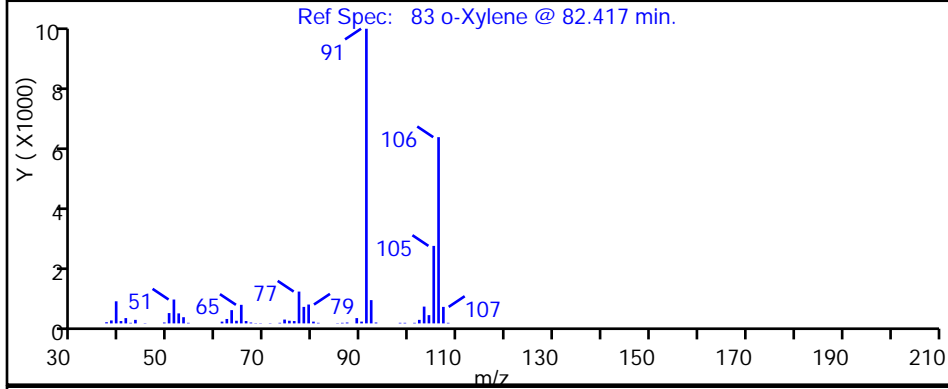
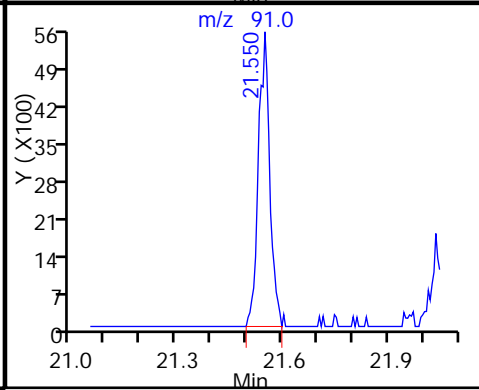
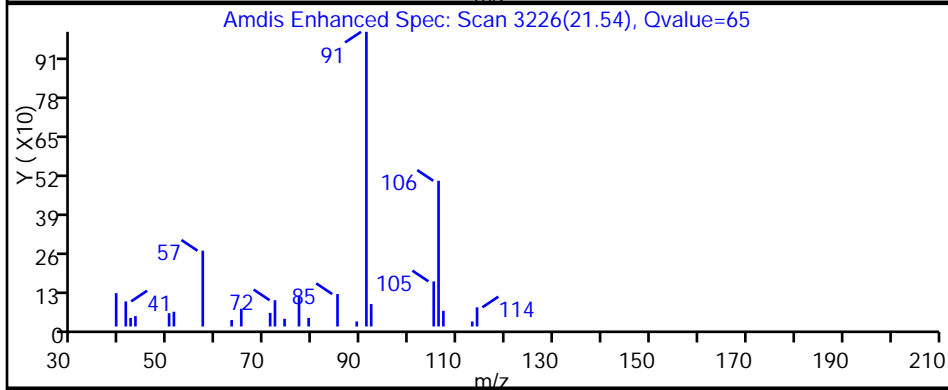
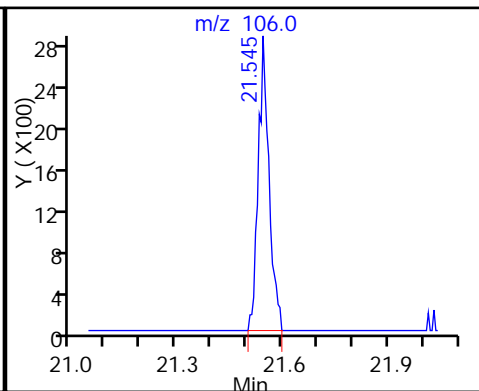
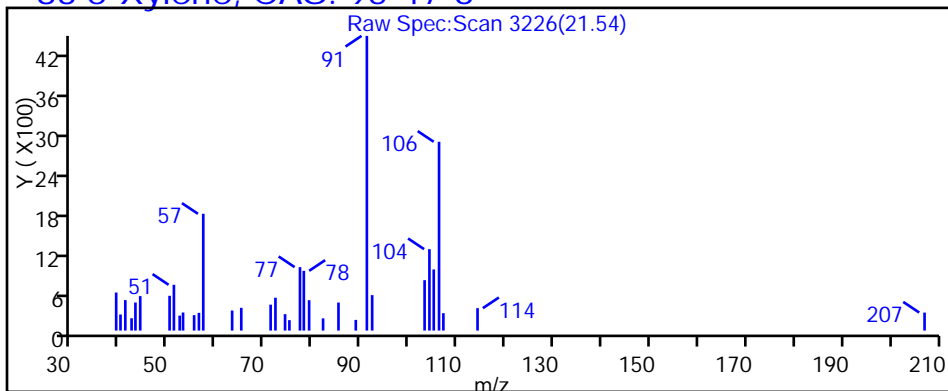
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

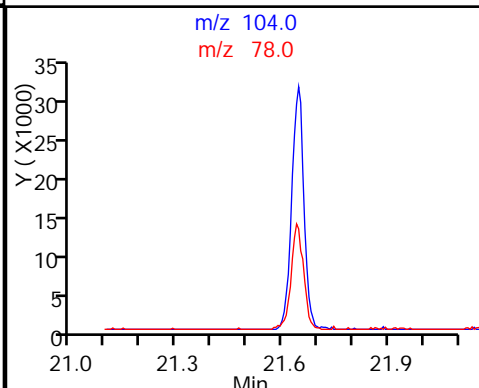
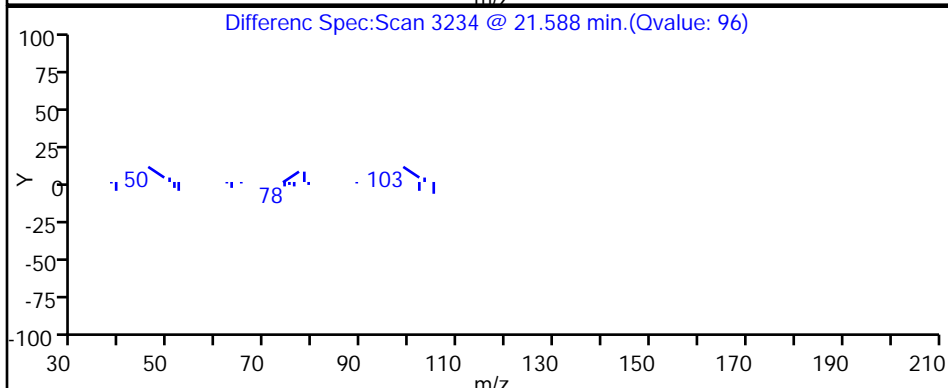
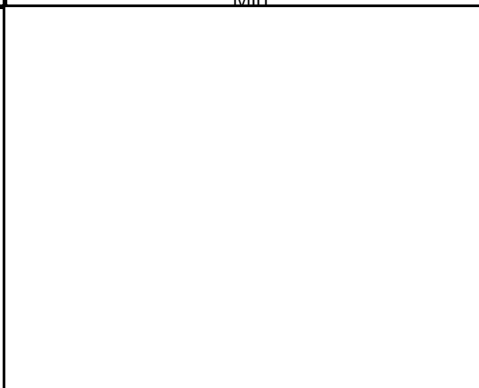
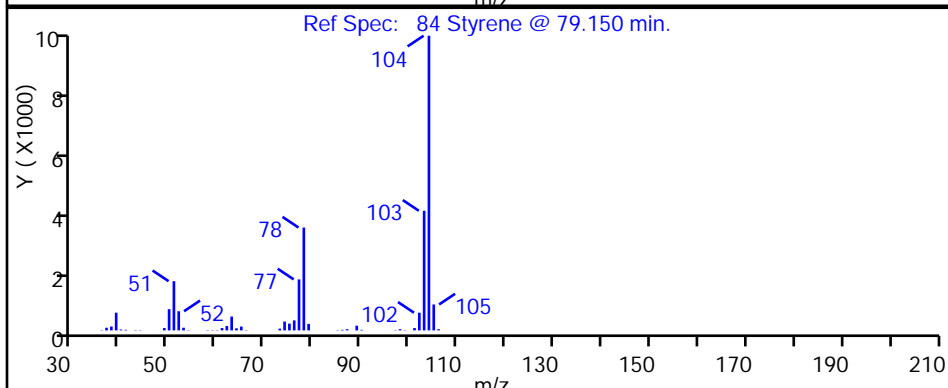
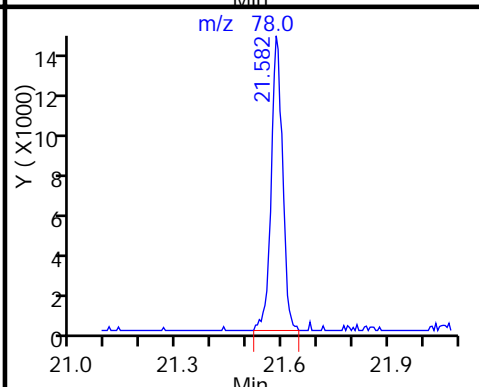
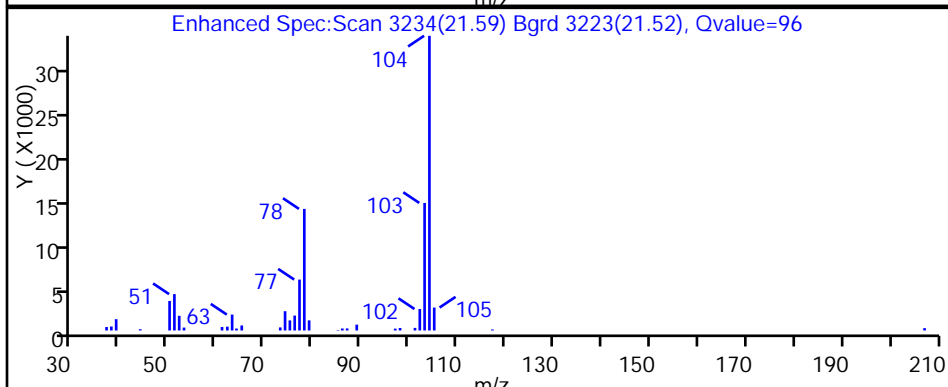
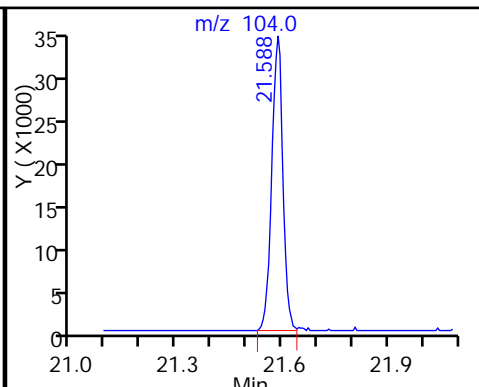
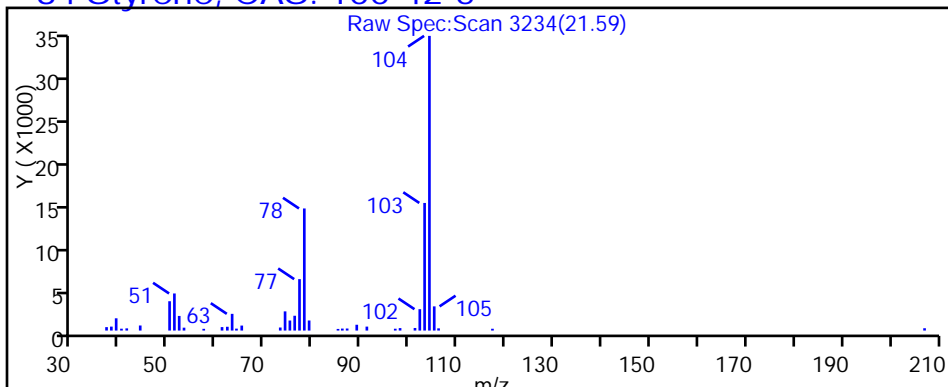
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

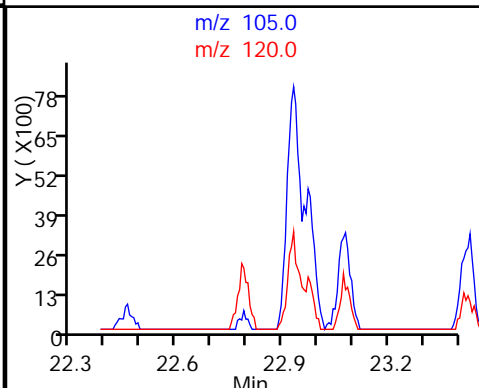
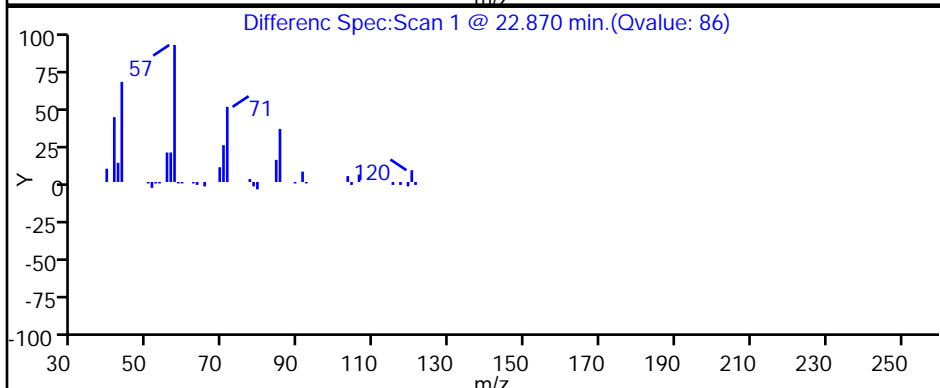
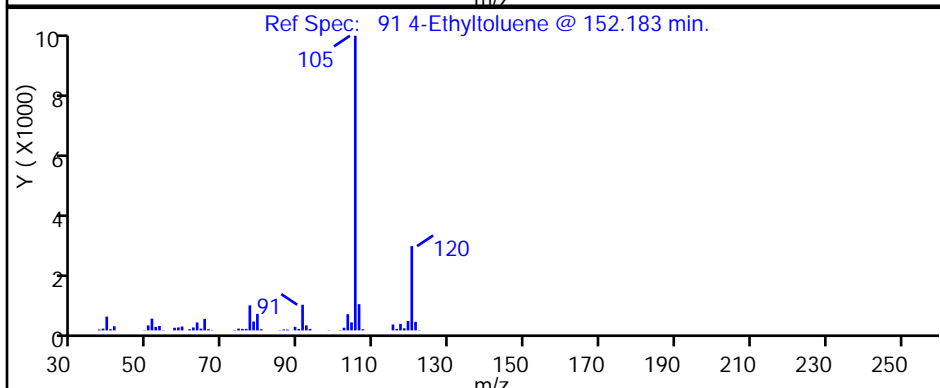
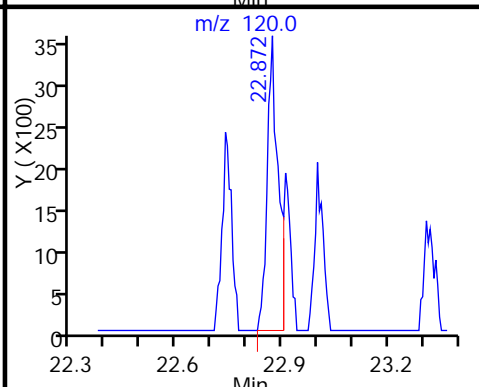
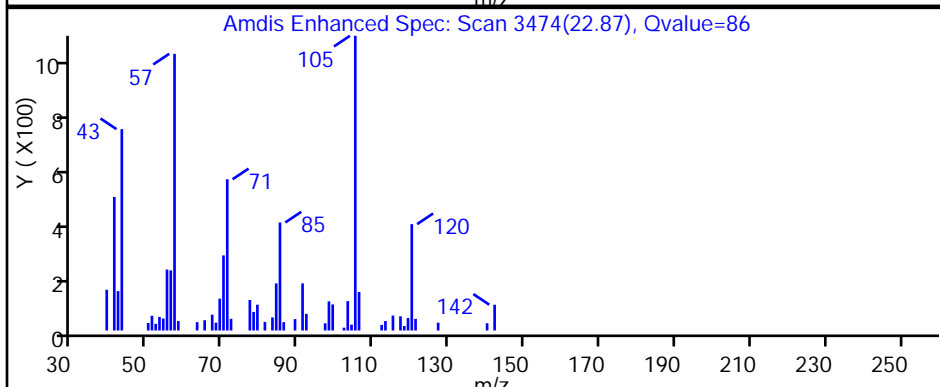
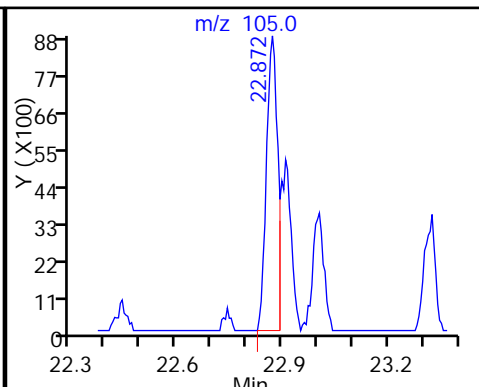
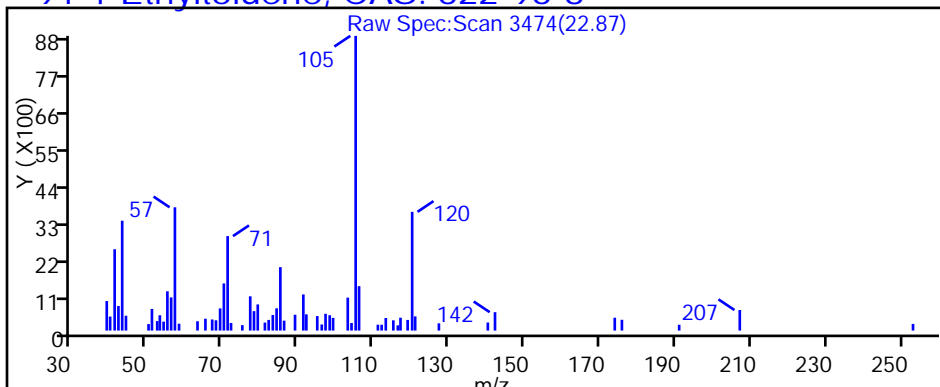
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

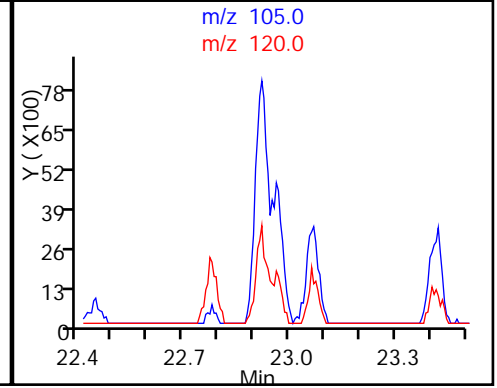
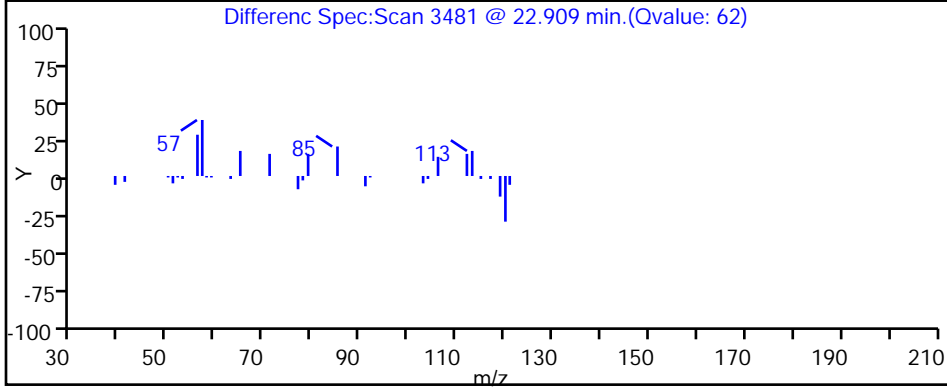
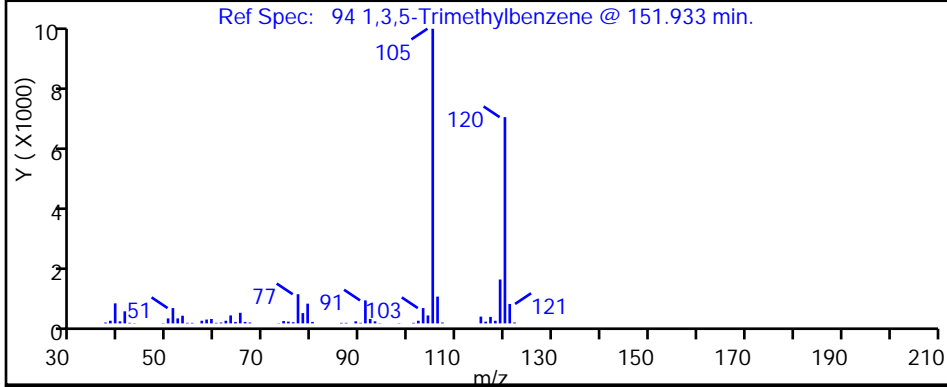
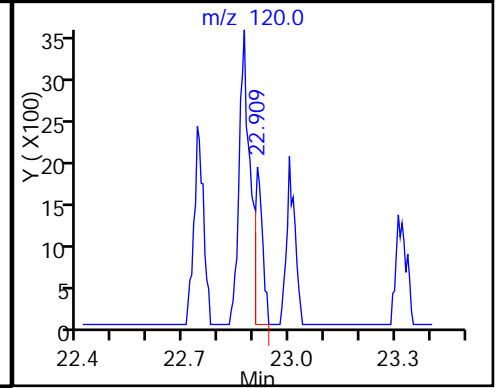
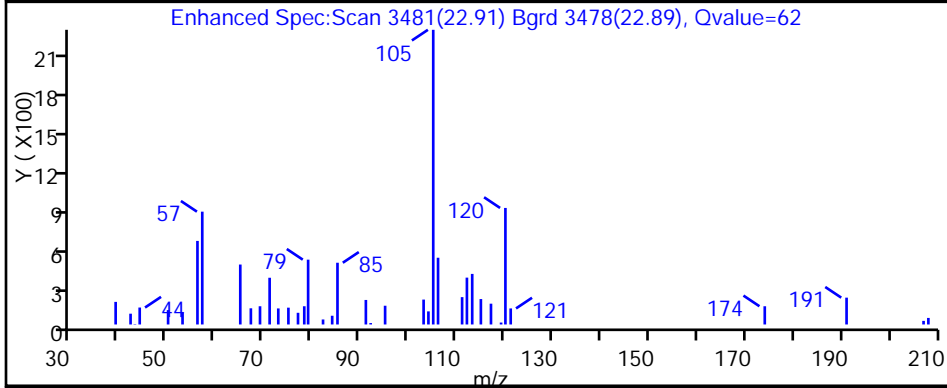
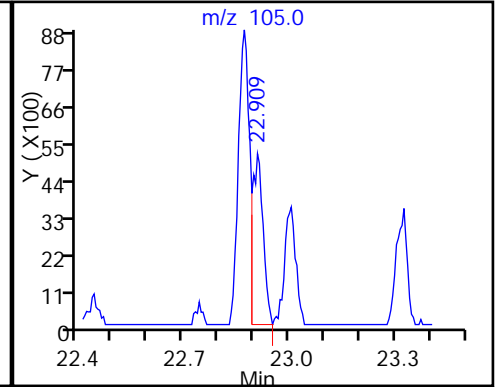
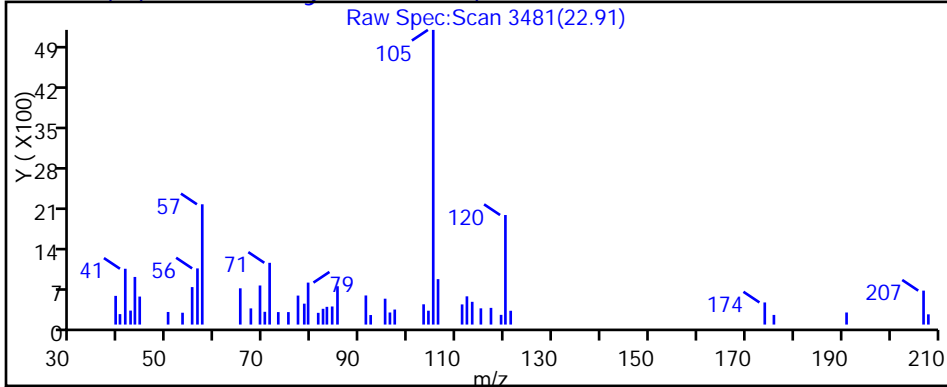
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

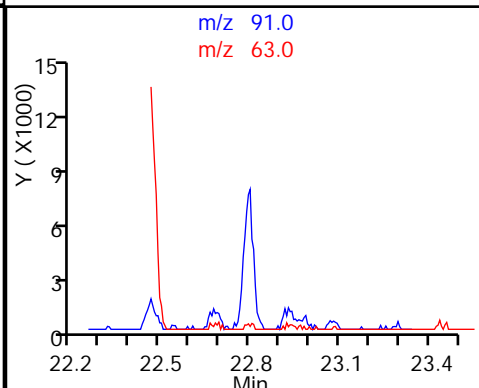
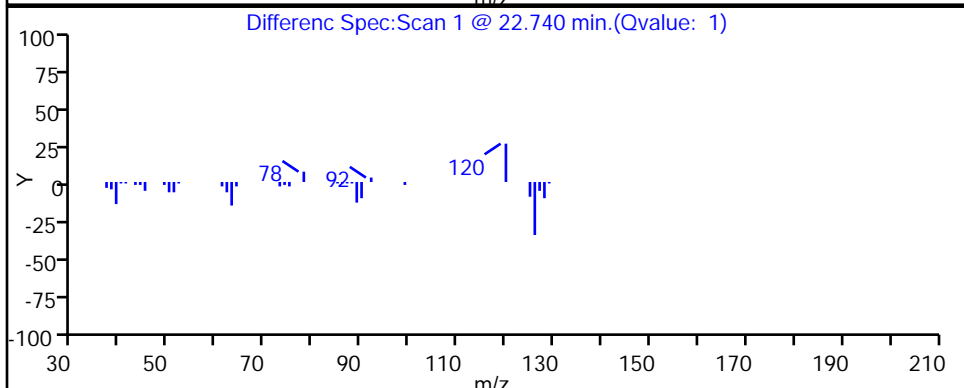
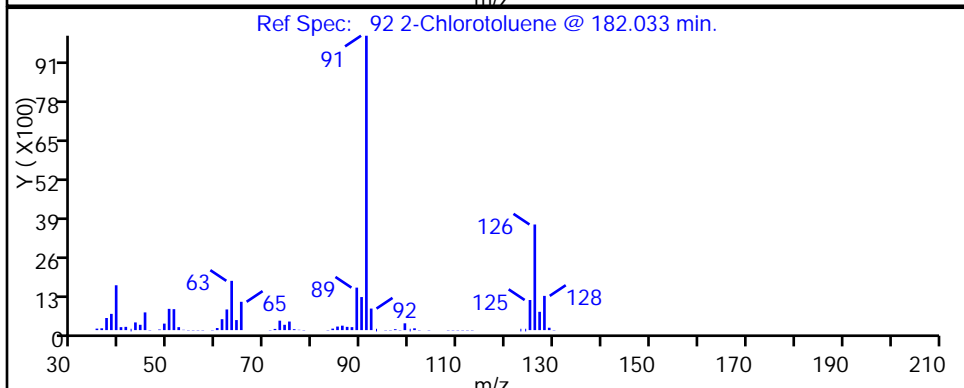
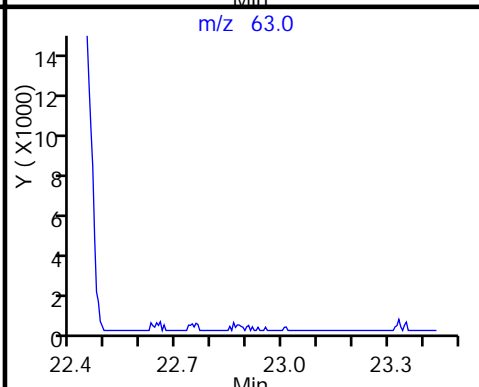
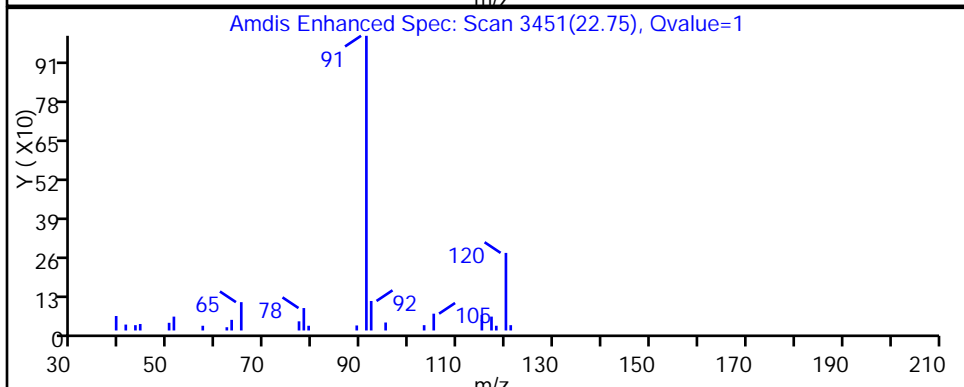
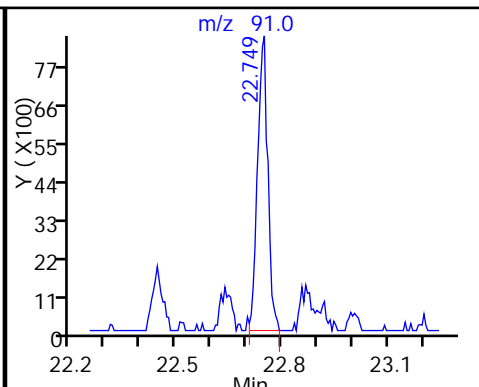
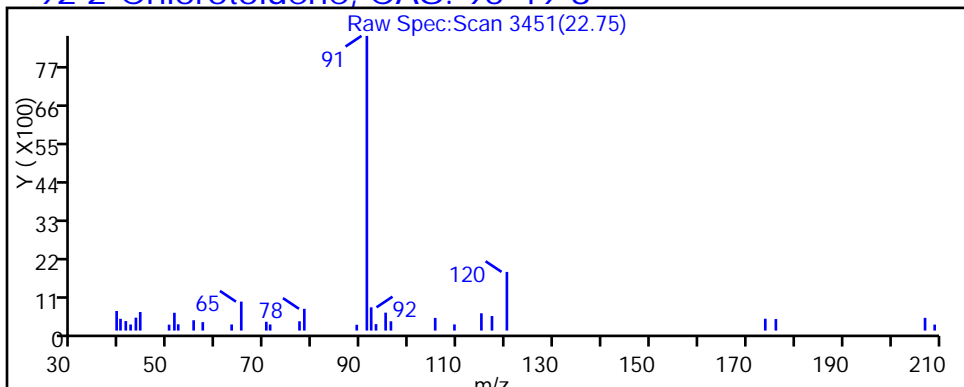
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

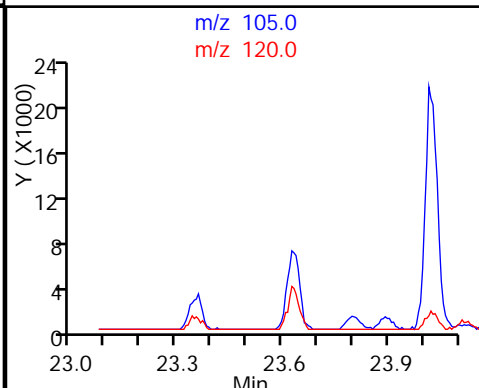
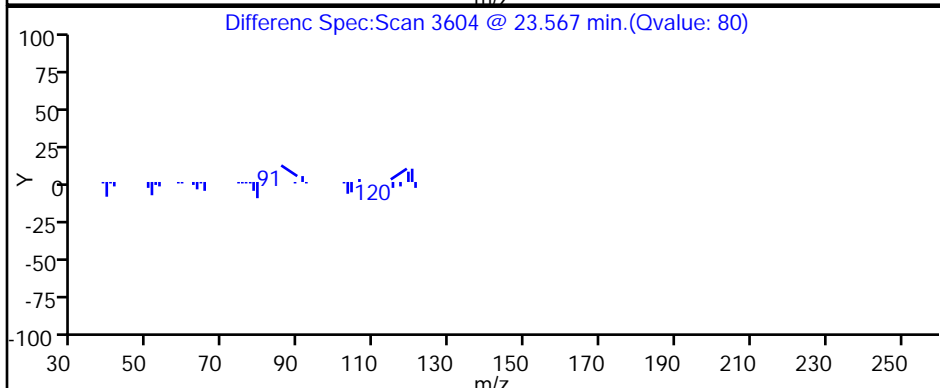
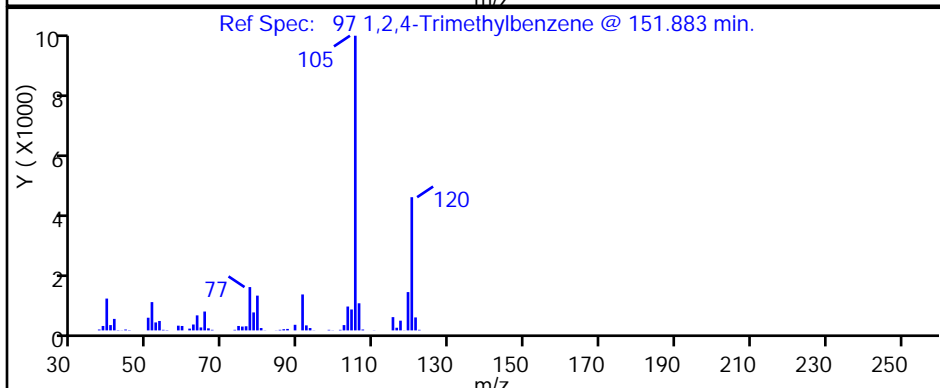
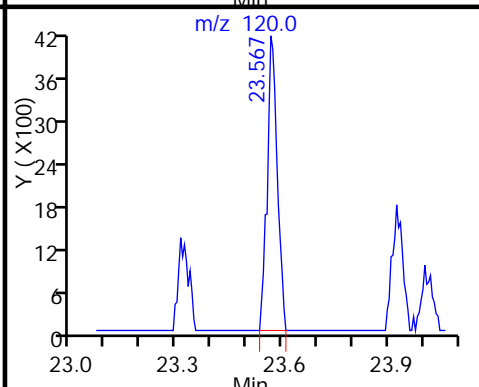
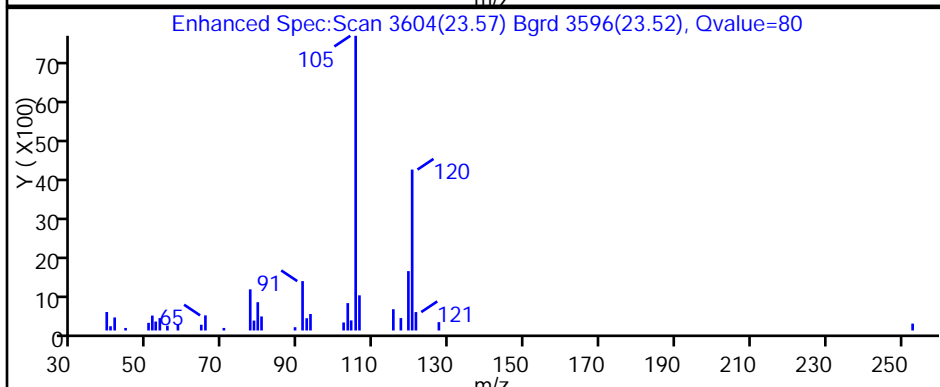
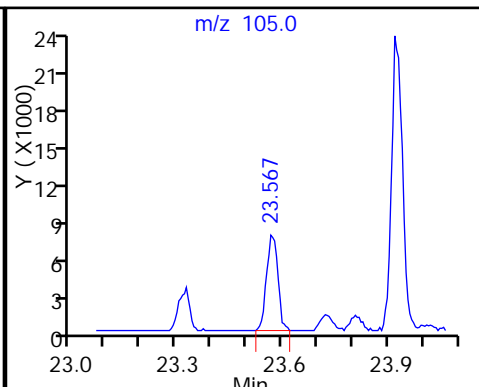
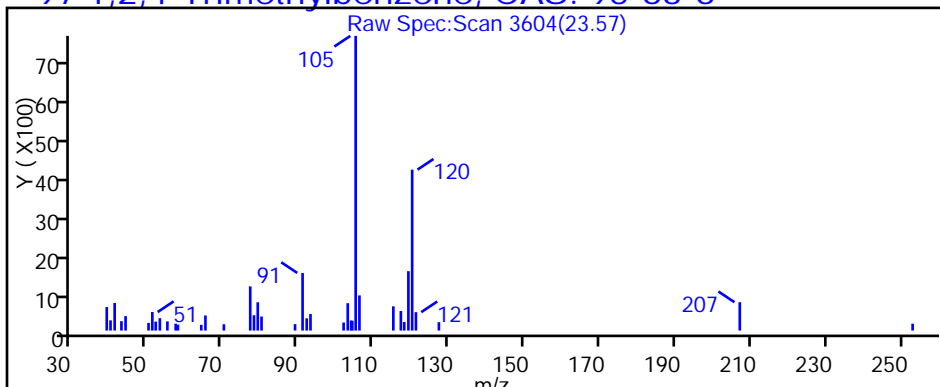
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_025.d

Injection Date: 18-Feb-2014 07:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-21

Lab Sample ID: 200-20955-21

Client ID: IA-VMP-4

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

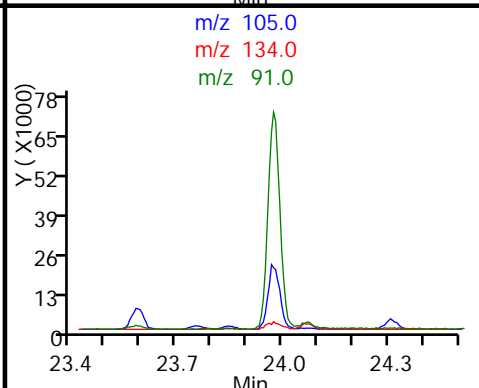
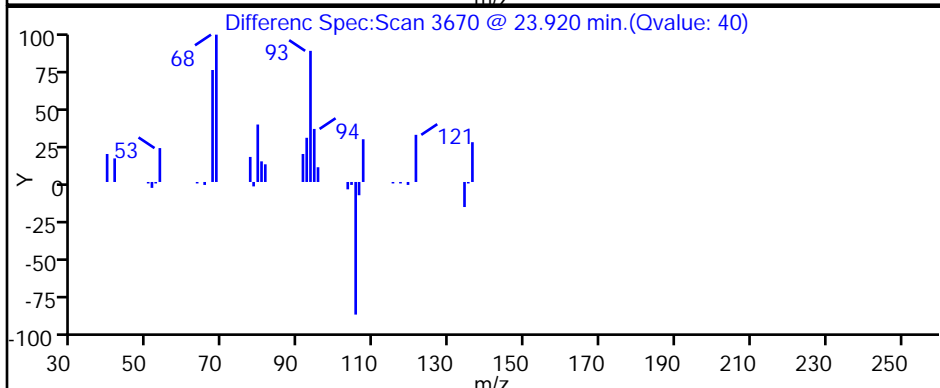
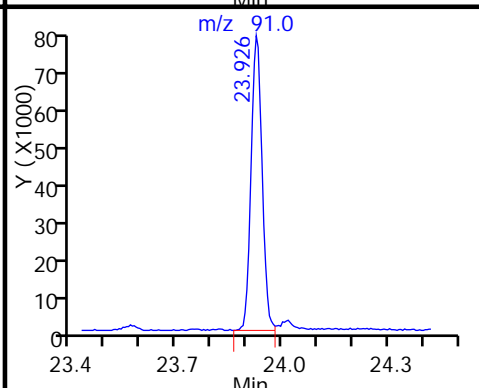
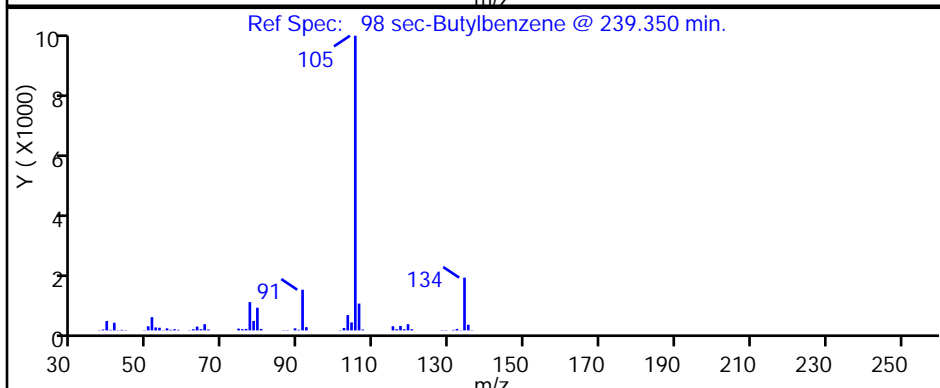
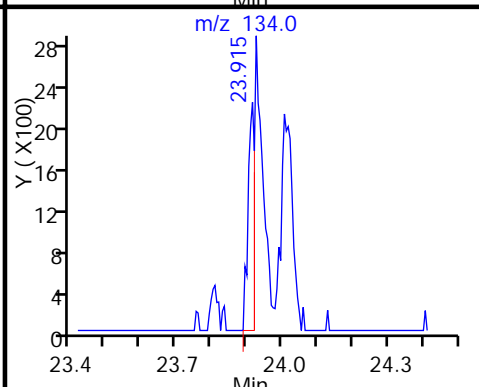
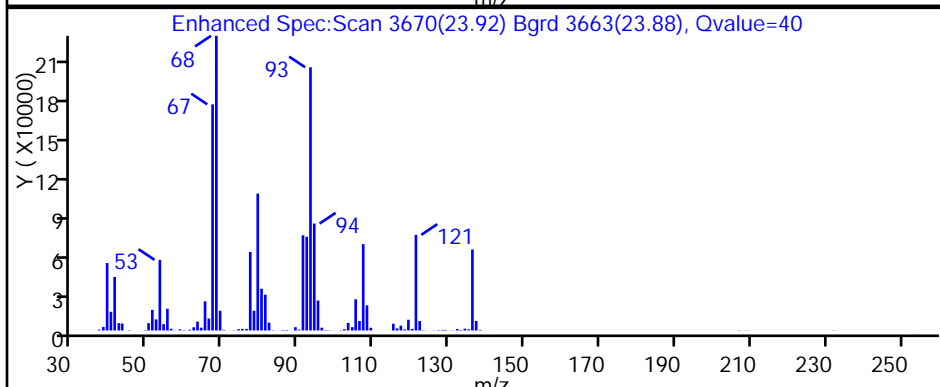
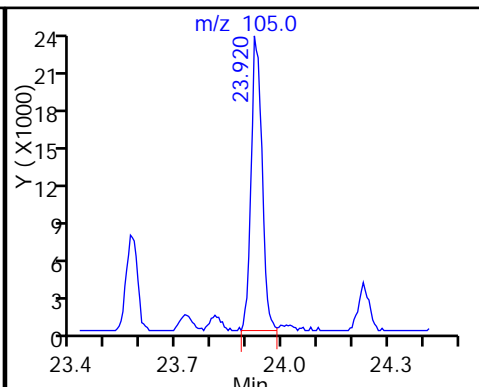
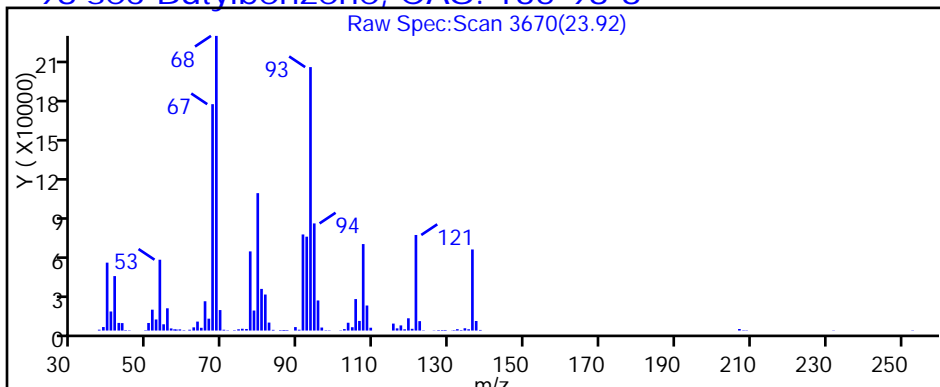
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

98 sec-Butylbenzene, CAS: 135-98-8



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5A Lab Sample ID: 200-20955-23
 Matrix: Air Lab File ID: 6343_15.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 20 (mL) Date Analyzed: 02/26/2014 23:37
 Soil Aliquot Vol: _____ Dilution Factor: 38.3
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	19	U	19	1.1
75-45-6	Freon 22	86.47	8.1	J	19	1.8
76-14-2	Freon-114	170.92	7.7	U	7.7	1.3
74-87-3	Chloromethane	50.49	19	U	19	5.2
106-97-8	n-Butane	58.12	19	U	19	11
75-01-4	Vinyl chloride	62.50	1.5	U	1.5	1.5
106-99-0	1,3-Butadiene	54.09	7.7	U	7.7	1.6
74-83-9	Bromomethane	94.94	7.7	U	7.7	1.1
75-00-3	Chloroethane	64.52	19	U	19	1.1
593-60-2	Vinyl bromide	106.96	7.7	U	7.7	1.1
75-69-4	Freon 11	137.37	7.7	U	7.7	1.1
76-13-1	Freon 113	187.38	7.7	U	7.7	0.69
75-35-4	1,1-Dichloroethene	96.94	7.7	U	7.7	0.92
67-64-1	Acetone	58.08	190	U	190	48
67-63-0	Isopropyl alcohol	60.10	710		190	8.2
75-15-0	Carbon disulfide	76.14	19	U	19	2.5
107-05-1	Allyl chloride	76.53	19	U	19	1.3
75-09-2	Methylene Chloride	84.93	470		19	4.8
75-65-0	tert-Butyl alcohol	74.12	190	U	190	13
1634-04-4	Methyl tert-butyl ether	88.15	7.7	U	7.7	0.84
156-60-5	trans-1,2-Dichloroethene	96.94	7.7	U	7.7	1.1
110-54-3	Hexane	86.17	7.7	U	7.7	1.3
75-34-3	1,1-Dichloroethane	98.96	7.7	U	7.7	1.5
78-93-3	Methyl Ethyl Ketone	72.11	19	U	19	9.3
156-59-2	cis-1,2-Dichloroethene	96.94	7.7	U	7.7	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.7	U	7.7	2.5
67-66-3	Chloroform	119.38	7.7	U	7.7	0.96
109-99-9	Tetrahydrofuran	72.11	6.4	J	190	1.8
71-55-6	1,1,1-Trichloroethane	133.41	7.7	U	7.7	0.80
110-82-7	Cyclohexane	84.16	7.7	U	7.7	0.96
56-23-5	Carbon tetrachloride	153.81	1.5	U	1.5	0.80
540-84-1	2,2,4-Trimethylpentane	114.23	7.7	U	7.7	1.0
71-43-2	Benzene	78.11	7.7	U	7.7	0.73
107-06-2	1,2-Dichloroethane	98.96	7.7	U	7.7	0.65
142-82-5	Heptane	100.21	7.7	U	7.7	1.8

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5A Lab Sample ID: 200-20955-23
 Matrix: Air Lab File ID: 6343_15.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 20 (mL) Date Analyzed: 02/26/2014 23:37
 Soil Aliquot Vol: _____ Dilution Factor: 38.3
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	1.5	U	1.5	0.92
80-62-6	Methyl methacrylate	100.12	19	U	19	1.1
78-87-5	1,2-Dichloropropane	112.99	7.7	U	7.7	1.2
123-91-1	1,4-Dioxane	88.11	190	U	190	7.7
75-27-4	Bromodichloromethane	163.83	7.7	U	7.7	0.65
10061-01-5	cis-1,3-Dichloropropene	110.97	7.7	U	7.7	1.1
108-10-1	methyl isobutyl ketone	100.16	19	U	19	1.0
108-88-3	Toluene	92.14	1.9	J	7.7	0.65
10061-02-6	trans-1,3-Dichloropropene	110.97	7.7	U	7.7	0.84
79-00-5	1,1,2-Trichloroethane	133.41	7.7	U	7.7	0.65
127-18-4	Tetrachloroethene	165.83	7.7	U	7.7	0.61
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	19	U	19	7.7
124-48-1	Dibromochloromethane	208.29	7.7	U	7.7	0.77
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	0.77
108-90-7	Chlorobenzene	112.56	7.7	U	7.7	0.31
100-41-4	Ethylbenzene	106.17	7.7	U	7.7	0.50
179601-23-1	m,p-Xylene	106.17	19	U	19	0.88
95-47-6	Xylene, o-	106.17	7.7	U	7.7	0.61
1330-20-7	Xylene (total)	106.17	7.7	U	7.7	1.3
100-42-5	Styrene	104.15	7.7	U	7.7	0.69
75-25-2	Bromoform	252.75	7.7	U	7.7	0.38
79-34-5	1,1,2,2-Tetrachloroethane	167.85	7.7	U	7.7	0.61
103-65-1	n-Propylbenzene	120.19	7.7	U	7.7	3.1
622-96-8	4-Ethyltoluene	120.20	7.7	U	7.7	0.69
108-67-8	1,3,5-Trimethylbenzene	120.20	7.7	U	7.7	0.46
95-49-8	2-Chlorotoluene	126.59	7.7	U	7.7	0.50
98-06-6	tert-Butylbenzene	134.22	7.7	U	7.7	0.65
95-63-6	1,2,4-Trimethylbenzene	120.20	7.7	U	7.7	0.54
135-98-8	sec-Butylbenzene	134.22	7.7	U	7.7	3.1
99-87-6	4-Isopropyltoluene	134.22	7.7	U	7.7	3.1
541-73-1	1,3-Dichlorobenzene	147.00	7.7	U	7.7	0.54
106-46-7	1,4-Dichlorobenzene	147.00	7.7	U	7.7	0.54
100-44-7	Benzyl chloride	126.58	7.7	U	7.7	3.1
104-51-8	n-Butylbenzene	134.22	7.7	U	7.7	3.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5A Lab Sample ID: 200-20955-23
 Matrix: Air Lab File ID: 6343_15.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 20 (mL) Date Analyzed: 02/26/2014 23:37
 Soil Aliquot Vol: _____ Dilution Factor: 38.3
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	7.7	U	7.7	0.54
120-82-1	1,2,4-Trichlorobenzene	181.45	1.1	J * B	19	1.0
87-68-3	Hexachloro-1,3-butadiene	260.76	7.7	U	7.7	0.84
91-20-3	Naphthalene	128.17	19	U * ^	19	7.7

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5A Lab Sample ID: 200-20955-23
 Matrix: Air Lab File ID: 6343_15.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 20 (mL) Date Analyzed: 02/26/2014 23:37
 Soil Aliquot Vol: _____ Dilution Factor: 38.3
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	95	U	95	5.7
75-45-6	Freon 22	86.47	29	J	68	6.5
76-14-2	Freon-114	170.92	54	U	54	9.4
74-87-3	Chloromethane	50.49	40	U	40	11
106-97-8	n-Butane	58.12	46	U	46	26
75-01-4	Vinyl chloride	62.50	3.9	U	3.9	3.7
106-99-0	1,3-Butadiene	54.09	17	U	17	3.6
74-83-9	Bromomethane	94.94	30	U	30	4.2
75-00-3	Chloroethane	64.52	51	U	51	3.0
593-60-2	Vinyl bromide	106.96	34	U	34	5.0
75-69-4	Freon 11	137.37	43	U	43	6.5
76-13-1	Freon 113	187.38	59	U	59	5.3
75-35-4	1,1-Dichloroethene	96.94	30	U	30	3.6
67-64-1	Acetone	58.08	450	U	450	110
67-63-0	Isopropyl alcohol	60.10	1700		470	20
75-15-0	Carbon disulfide	76.14	60	U	60	7.9
107-05-1	Allyl chloride	76.53	60	U	60	4.1
75-09-2	Methylene Chloride	84.93	1600		67	17
75-65-0	tert-Butyl alcohol	74.12	580	U	580	38
1634-04-4	Methyl tert-butyl ether	88.15	28	U	28	3.0
156-60-5	trans-1,2-Dichloroethene	96.94	30	U	30	4.4
110-54-3	Hexane	86.17	27	U	27	4.6
75-34-3	1,1-Dichloroethane	98.96	31	U	31	5.9
78-93-3	Methyl Ethyl Ketone	72.11	56	U	56	27
156-59-2	cis-1,2-Dichloroethene	96.94	30	U	30	5.8
540-59-0	1,2-Dichloroethene, Total	96.94	30	U	30	9.7
67-66-3	Chloroform	119.38	37	U	37	4.7
109-99-9	Tetrahydrofuran	72.11	19	J	560	5.2
71-55-6	1,1,1-Trichloroethane	133.41	42	U	42	4.4
110-82-7	Cyclohexane	84.16	26	U	26	3.3
56-23-5	Carbon tetrachloride	153.81	9.6	U	9.6	5.1
540-84-1	2,2,4-Trimethylpentane	114.23	36	U	36	4.8
71-43-2	Benzene	78.11	24	U	24	2.3
107-06-2	1,2-Dichloroethane	98.96	31	U	31	2.6
142-82-5	Heptane	100.21	31	U	31	7.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5A Lab Sample ID: 200-20955-23
 Matrix: Air Lab File ID: 6343_15.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 20 (mL) Date Analyzed: 02/26/2014 23:37
 Soil Aliquot Vol: _____ Dilution Factor: 38.3
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	8.2	U	8.2	4.9
80-62-6	Methyl methacrylate	100.12	78	U	78	4.7
78-87-5	1,2-Dichloropropane	112.99	35	U	35	5.7
123-91-1	1,4-Dioxane	88.11	690	U	690	28
75-27-4	Bromodichloromethane	163.83	51	U	51	4.4
10061-01-5	cis-1,3-Dichloropropene	110.97	35	U	35	4.9
108-10-1	methyl isobutyl ketone	100.16	78	U	78	4.2
108-88-3	Toluene	92.14	7.1	J	29	2.5
10061-02-6	trans-1,3-Dichloropropene	110.97	35	U	35	3.8
79-00-5	1,1,2-Trichloroethane	133.41	42	U	42	3.6
127-18-4	Tetrachloroethene	165.83	52	U	52	4.2
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	78	U	78	31
124-48-1	Dibromochloromethane	208.29	65	U	65	6.5
106-93-4	1,2-Dibromoethane	187.87	59	U	59	5.9
108-90-7	Chlorobenzene	112.56	35	U	35	1.4
100-41-4	Ethylbenzene	106.17	33	U	33	2.2
179601-23-1	m,p-Xylene	106.17	83	U	83	3.8
95-47-6	Xylene, o-	106.17	33	U	33	2.7
1330-20-7	Xylene (total)	106.17	33	U	33	5.7
100-42-5	Styrene	104.15	33	U	33	2.9
75-25-2	Bromoform	252.75	79	U	79	4.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	53	U	53	4.2
103-65-1	n-Propylbenzene	120.19	38	U	38	15
622-96-8	4-Ethyltoluene	120.20	38	U	38	3.4
108-67-8	1,3,5-Trimethylbenzene	120.20	38	U	38	2.3
95-49-8	2-Chlorotoluene	126.59	40	U	40	2.6
98-06-6	tert-Butylbenzene	134.22	42	U	42	3.6
95-63-6	1,2,4-Trimethylbenzene	120.20	38	U	38	2.6
135-98-8	sec-Butylbenzene	134.22	42	U	42	17
99-87-6	4-Isopropyltoluene	134.22	42	U	42	17
541-73-1	1,3-Dichlorobenzene	147.00	46	U	46	3.2
106-46-7	1,4-Dichlorobenzene	147.00	46	U	46	3.2
100-44-7	Benzyl chloride	126.58	40	U	40	16
104-51-8	n-Butylbenzene	134.22	42	U	42	17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-5A Lab Sample ID: 200-20955-23
 Matrix: Air Lab File ID: 6343_15.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 20 (mL) Date Analyzed: 02/26/2014 23:37
 Soil Aliquot Vol: _____ Dilution Factor: 38.3
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	46	U	46	3.2
120-82-1	1,2,4-Trichlorobenzene	181.45	8.3	J * B	140	7.7
87-68-3	Hexachloro-1,3-butadiene	260.76	82	U	82	9.0
91-20-3	Naphthalene	128.17	100	U * ^	100	40

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D
 Lims ID: 200-20955-A-23 Lab Sample ID: 200-20955-23
 Client ID: IA-VMP-5A
 Sample Type: Client
 Inject. Date: 26-Feb-2014 23:37:30 ALS Bottle#: 12 Worklist Smp#: 15
 Purge Vol: 200.000 mL Dil. Factor: 38.3000
 Sample Info: 200-0006343-015
 Misc. Info.: 20955-23
 Operator ID: wrd Instrument ID: CHC.i
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 27-Feb-2014 10:22:51 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: desjardinsb

Date: 27-Feb-2014 10:22:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
5 Dichlorodifluoromethane	85		3.261					
6 Chlorodifluoromethane	51	3.330	3.320	0.010	29	4010	0.2117	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.549					
8 Chloromethane	50		3.699					
9 Butane	43		3.918					
10 Vinyl chloride	62		3.971					
11 Butadiene	54		4.056					
12 Bromomethane	94		4.798					
13 Chloroethane	64		5.054					
15 Vinyl bromide	106		5.471					
16 Trichlorofluoromethane	101		5.577					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.719					
23 1,1-Dichloroethene	96		6.762					
25 Acetone	43		7.045					
26 Carbon disulfide	76		7.152					
28 Isopropyl alcohol	45	7.376	7.365	0.011	98	195572	18.6	
29 3-Chloro-1-propene	41		7.595					
31 Methylene Chloride	49	7.904	7.904	0.0	71	152069	12.4	
32 2-Methyl-2-propanol	59		8.160					
33 Methyl tert-butyl ether	73		8.321					
34 trans-1,2-Dichloroethene	61		8.347					
36 Hexane	57		8.742					
37 1,1-Dichloroethane	63		9.265					
S 39 1,2-Dichloroethene, Total	61		10.200					
40 cis-1,2-Dichloroethene	96		10.434					
41 2-Butanone (MEK)	72		10.509					
* 43 Chlorobromomethane	128	10.919	10.920	-0.001	66	365998	10.0	
44 Tetrahydrofuran	42	10.989	10.936	0.053	54	2155	0.1659	
45 Chloroform	83		11.064					
46 Cyclohexane	84		11.293					
47 1,1,1-Trichloroethane	97		11.336					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	49			117	11.592		
	50			57	12.051		
	51			78	12.094		
	52			62	12.302		
	53			43	12.462		
*	54			114	12.990	12.990 0.0	92 2015877 10.0
	56			95	13.471		
	58			63	14.074		
	59			69	14.250		
	60			88	14.319		
	62			83	14.639		
	64			75	15.600		
	65			43	15.910		
	66			92	16.192	16.198 -0.006	48 4416 0.0494
	70			75	16.812		
	71			83	17.190		
	72			166	17.281		
	73			43	17.655		
	74			129	17.959		
	75			107	18.236		
*	76			117	19.133	19.133 0.0	80 1814381 10.0
	77			112	19.192		
	79			91	19.341		
	81			106	19.592	19.592 0.0	2 1069 0.0134
S	82			106			0 0.0134
	83			106	20.403		
	84			104	20.451		
	85			173	20.852		
\$	87			95	21.385	21.391 -0.006	95 1183631 NC
	88			83	21.657		
	89			91	21.716		
	92			105	21.898		
	93			91	21.908		
	94			105	21.999		
	96			119	22.469		
	97			105	22.559		
	98			105	22.784		
	99			119	22.981		
	100			146	23.018		
	101			146	23.157		
	102			91	23.365		
	103			91	23.568		
	105			146	23.712		
	107			180	26.348	26.343 0.005	11 2681 0.0290
	108			225	26.530		
	109			128	26.866		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Operator ID: wrd

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Worklist Smp#: 15

Client ID: IA-VMP-5A

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

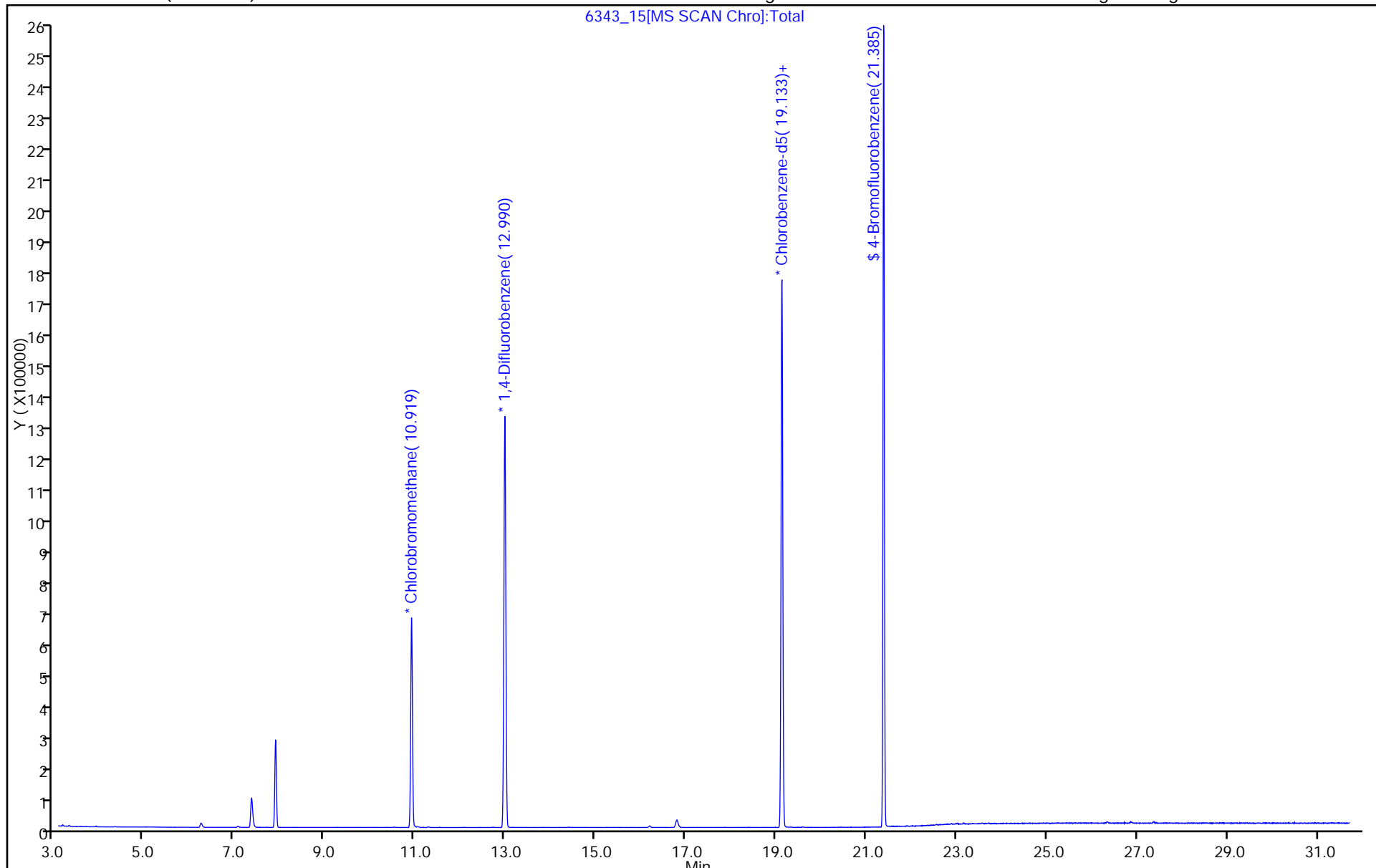
ALS Bottle#: 12

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Client ID: IA-VMP-5A

Operator ID: wrd

ALS Bottle#: 12

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

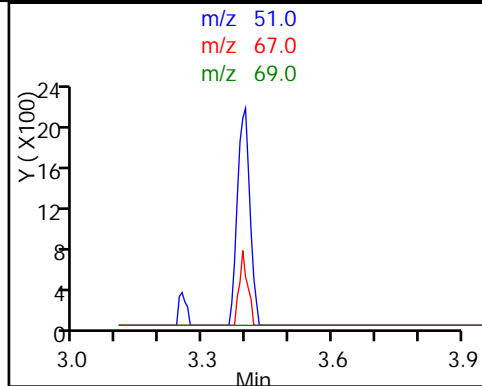
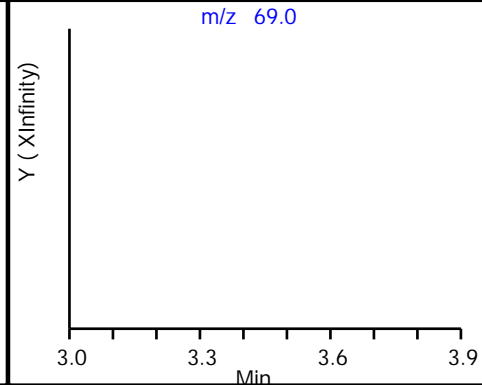
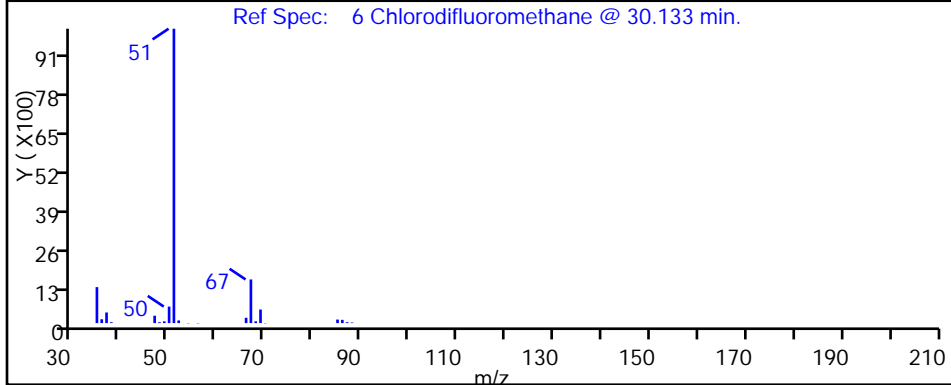
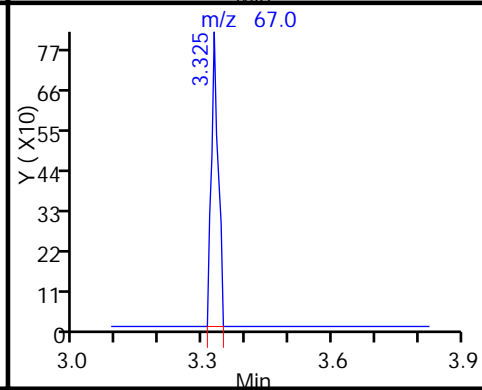
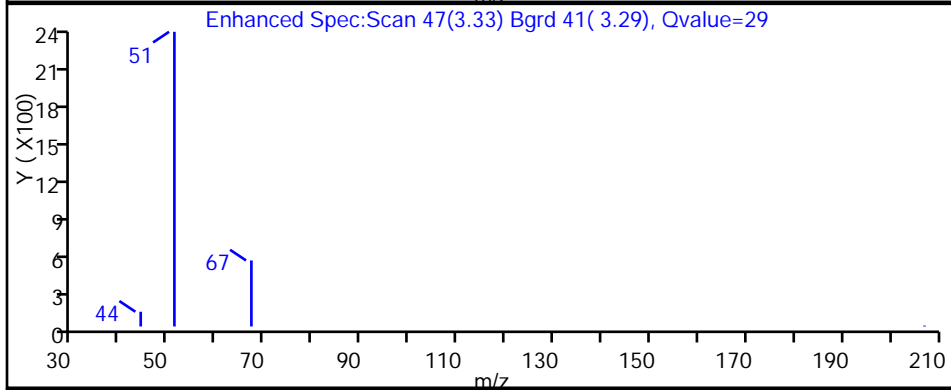
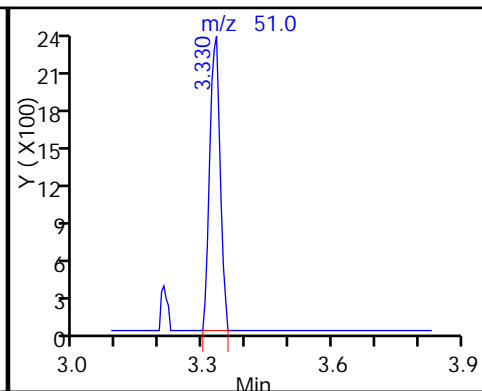
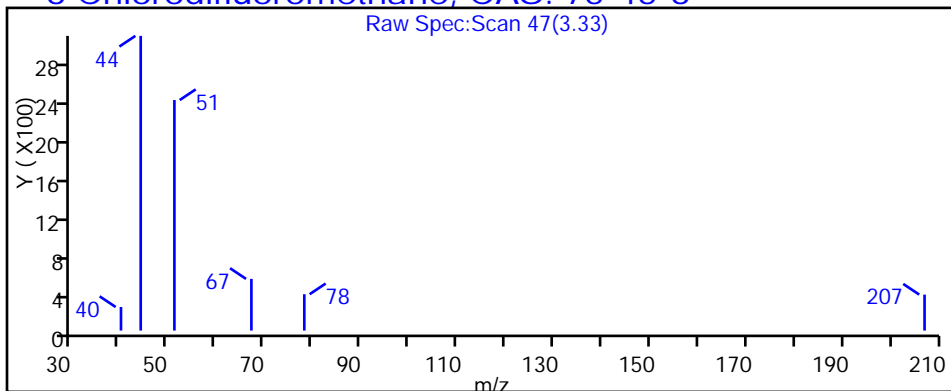
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Client ID: IA-VMP-5A

Operator ID: wrd

ALS Bottle#: 12

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

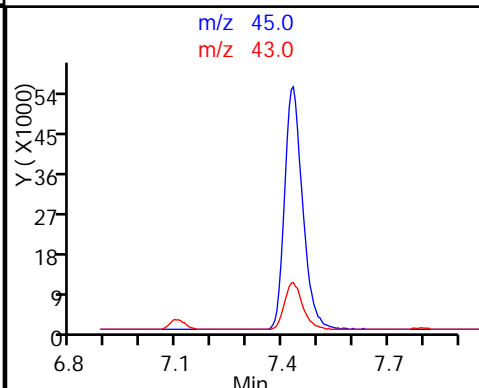
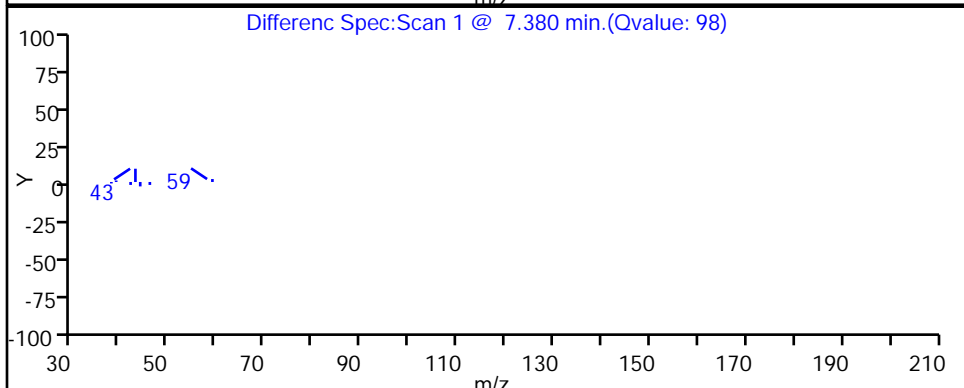
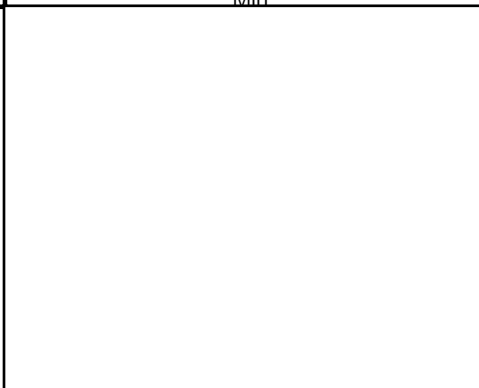
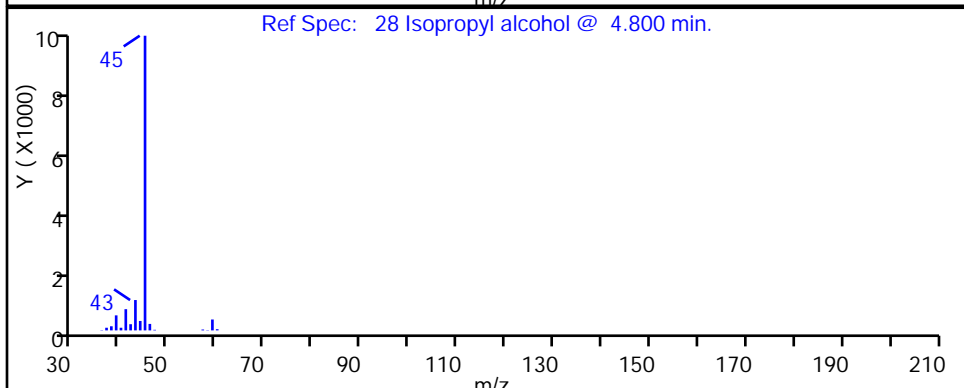
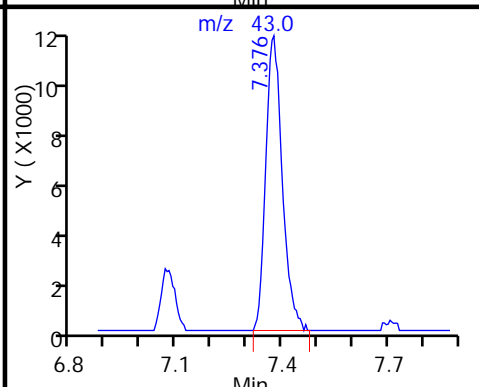
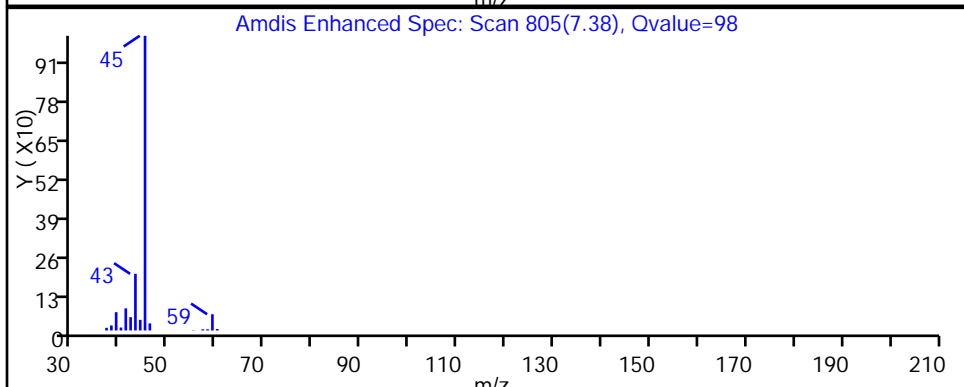
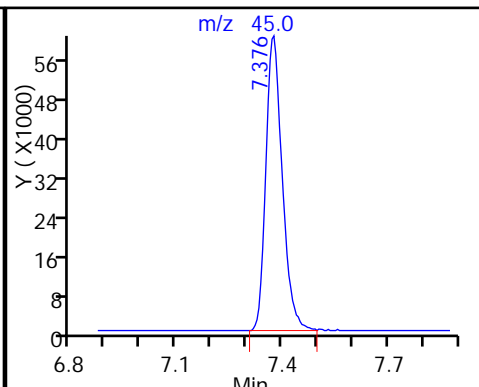
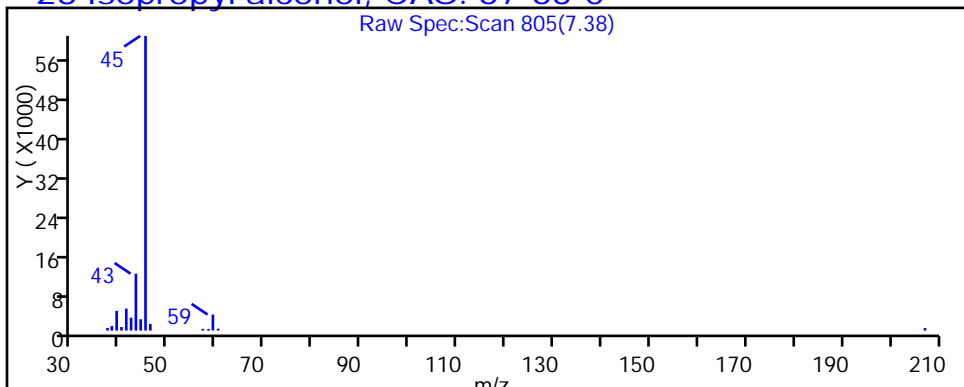
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

28 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Client ID: IA-VMP-5A

Operator ID: wrd

ALS Bottle#: 12

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

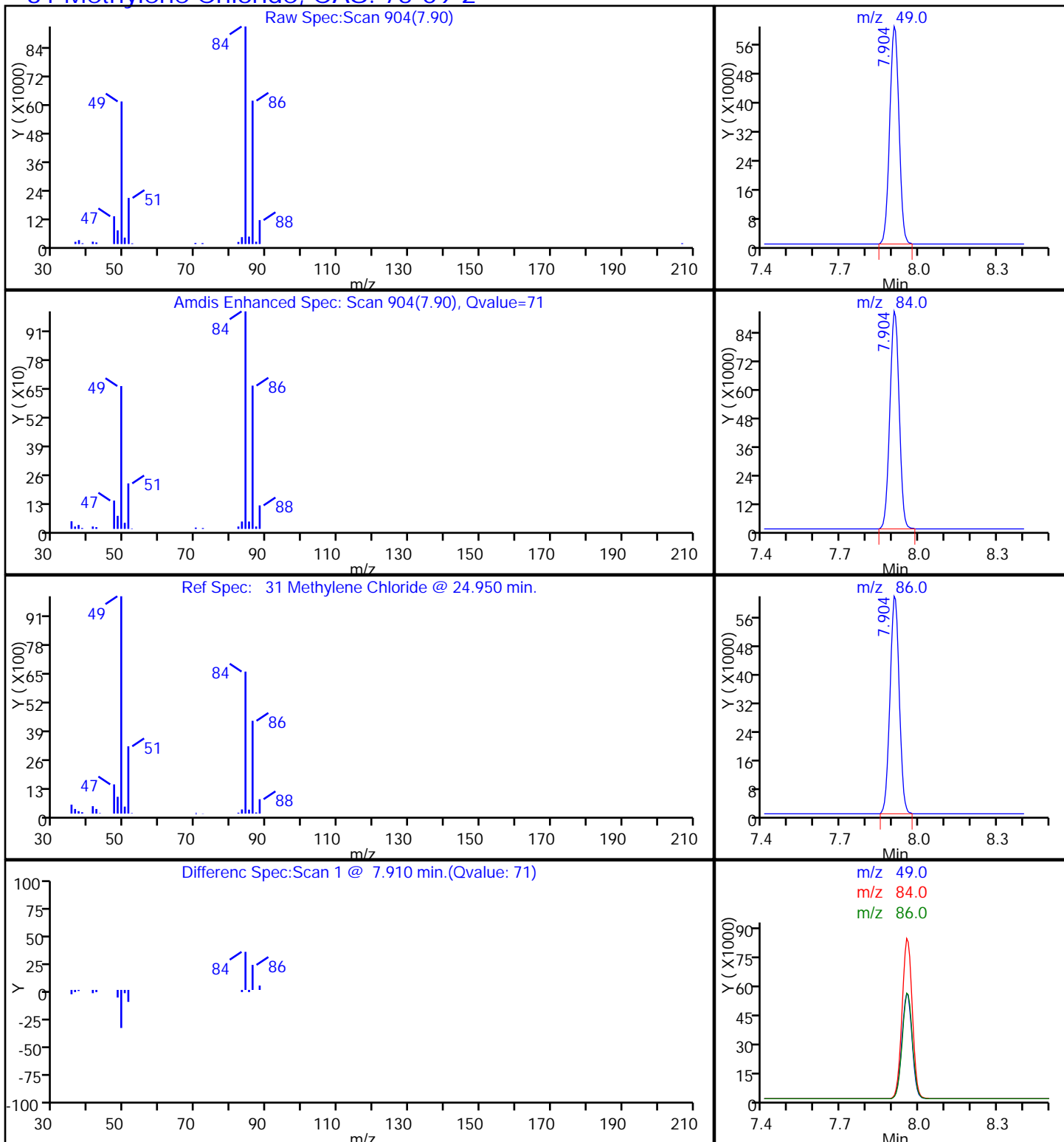
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Client ID: IA-VMP-5A

Operator ID: wrd

ALS Bottle#: 12

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

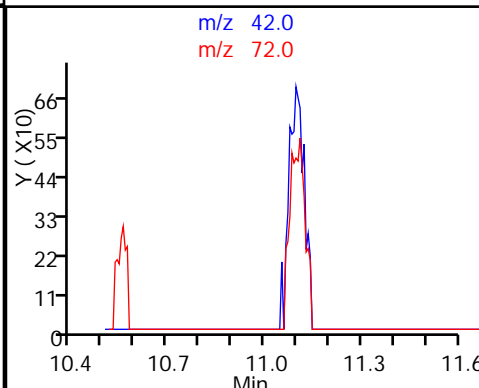
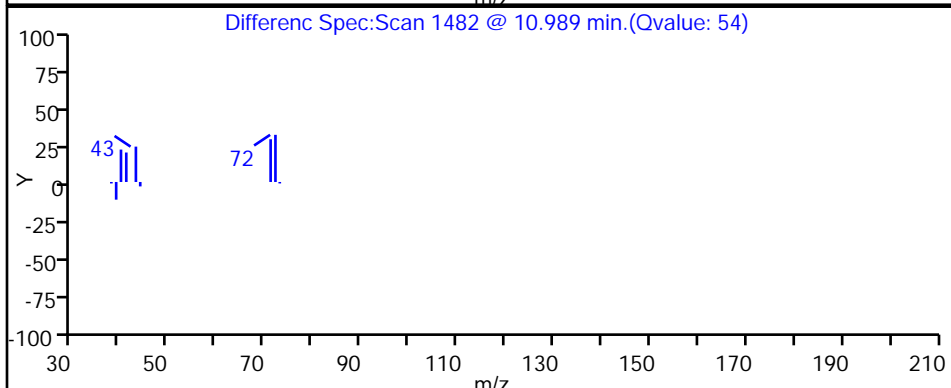
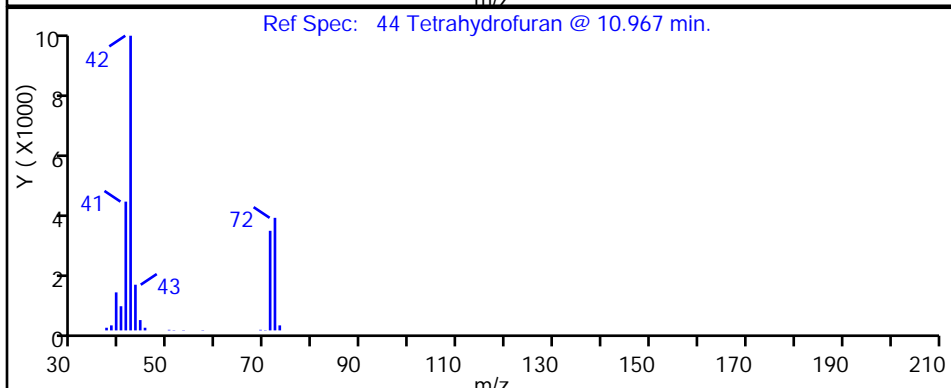
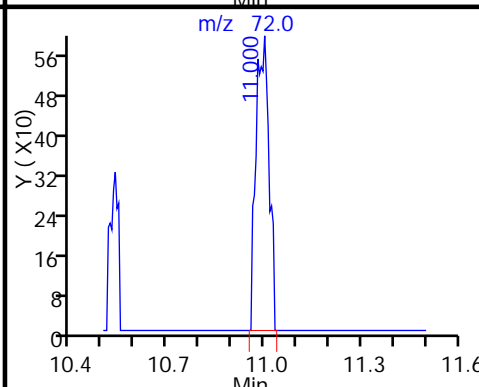
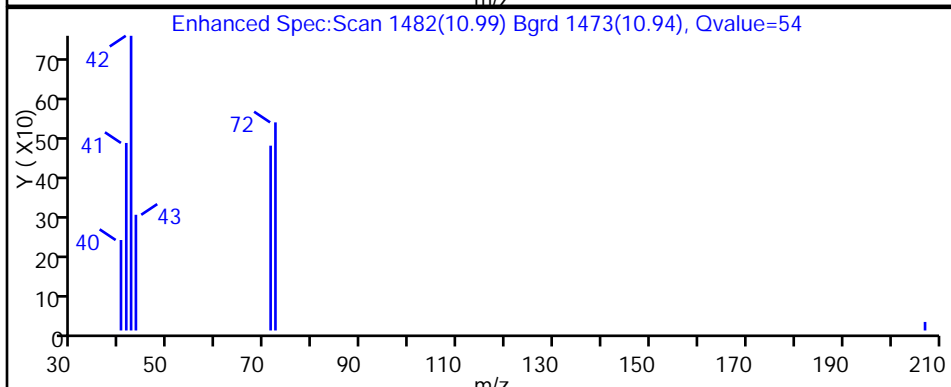
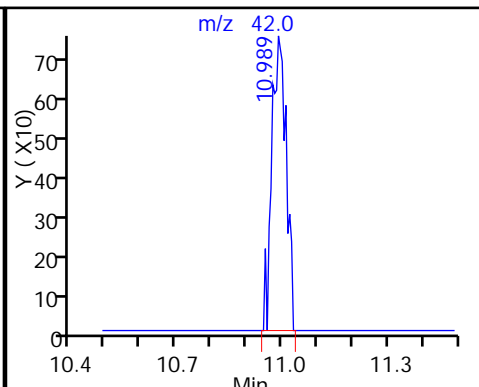
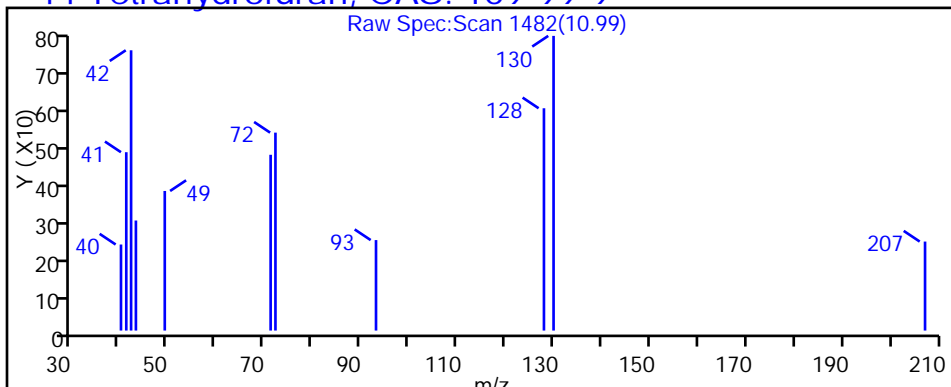
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Client ID: IA-VMP-5A

Operator ID: wrd

ALS Bottle#: 12

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

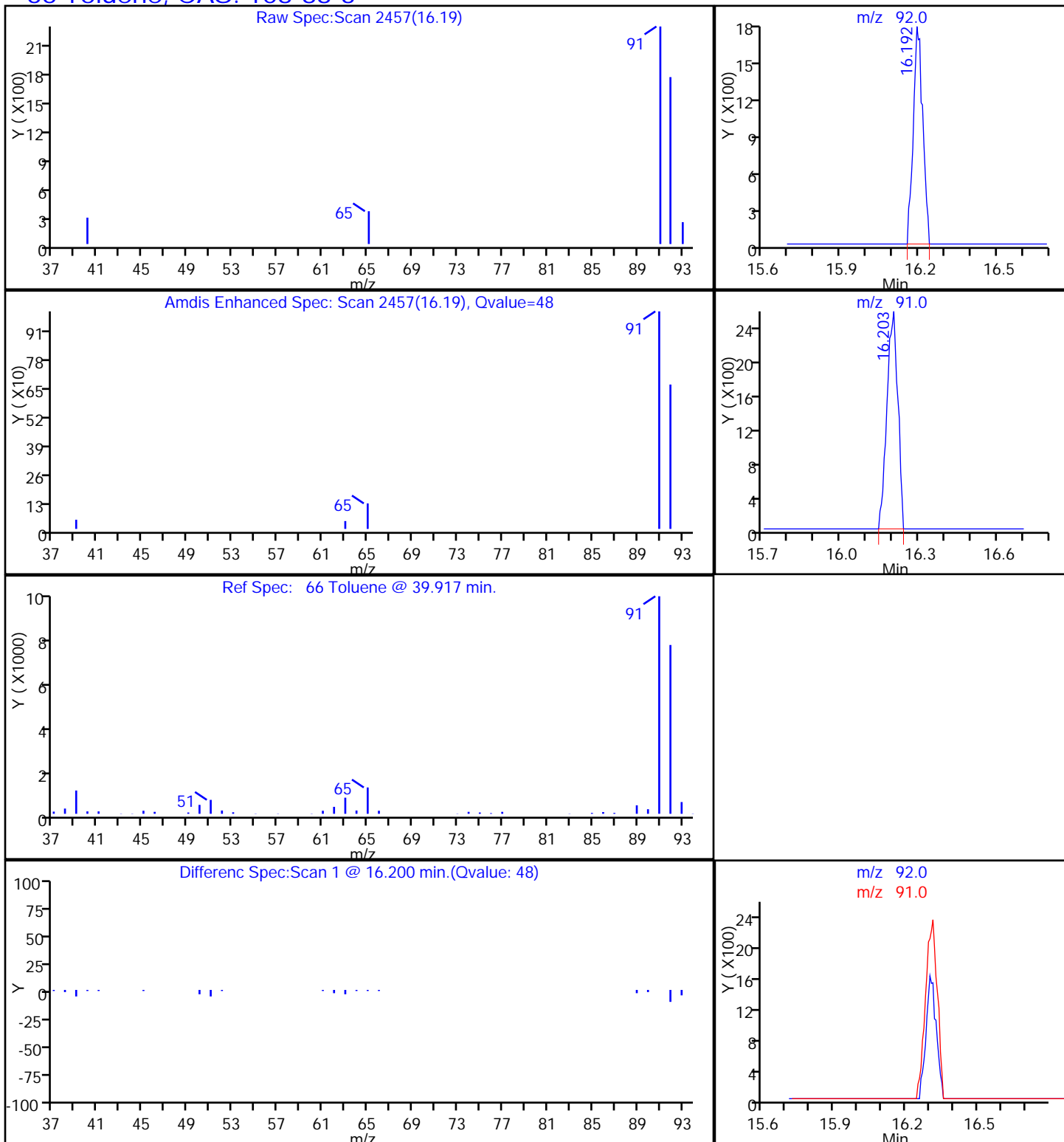
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_15.D

Injection Date: 26-Feb-2014 23:37:30

Instrument ID: CHC.i

Lims ID: 200-20955-A-23

Lab Sample ID: 200-20955-23

Client ID: IA-VMP-5A

Operator ID: wrd

ALS Bottle#: 12

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 38.3000

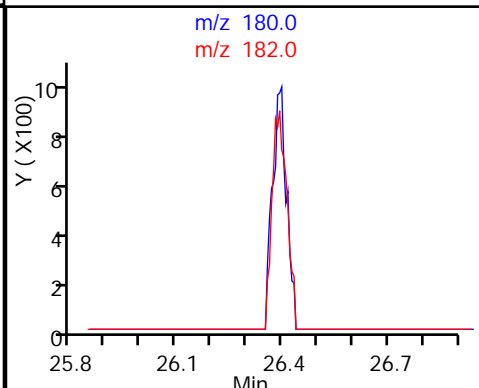
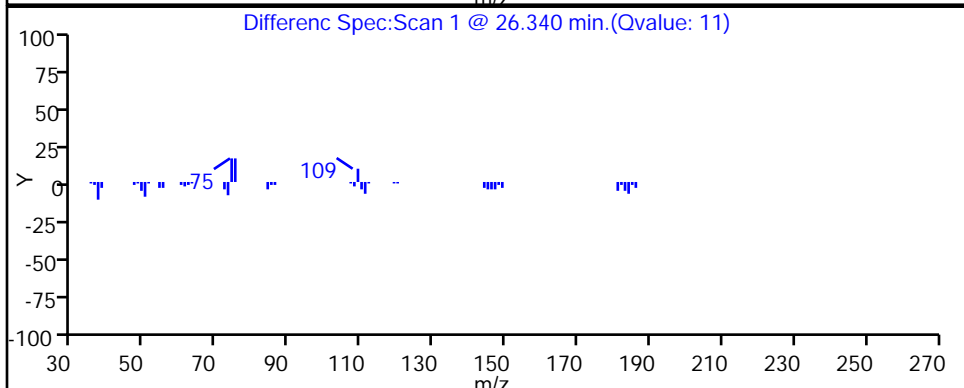
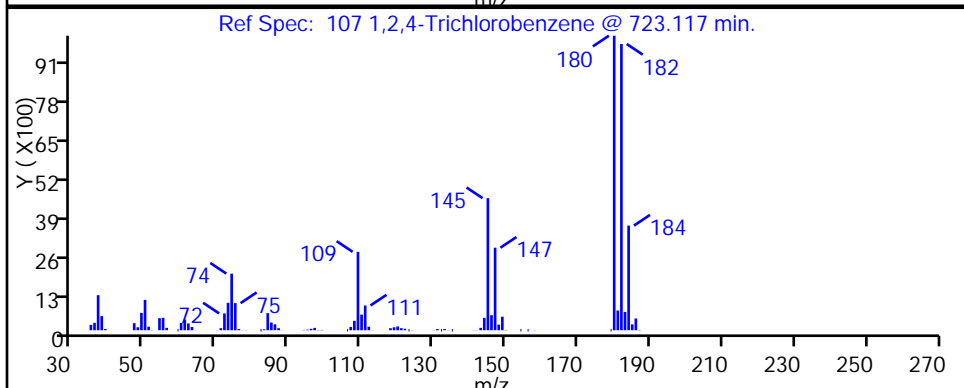
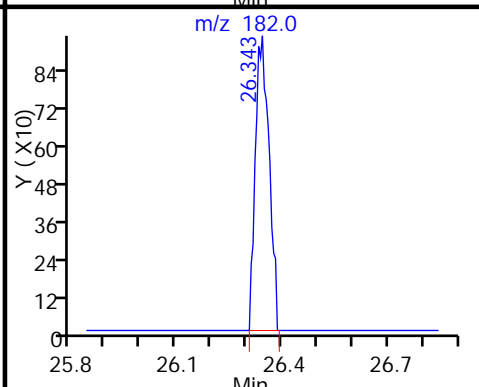
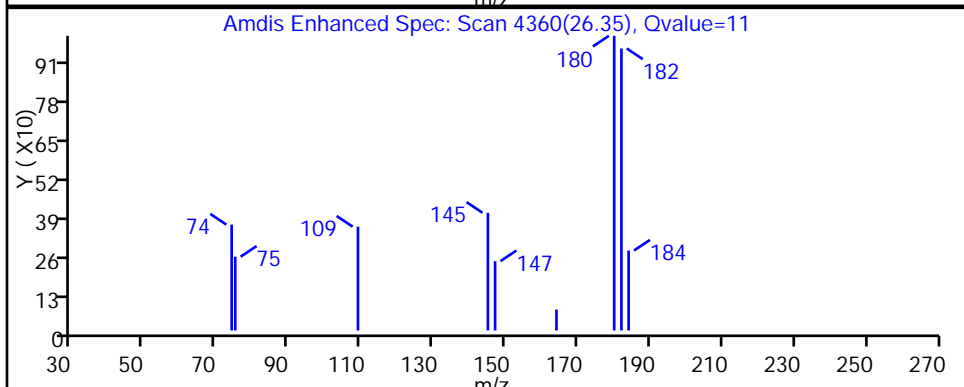
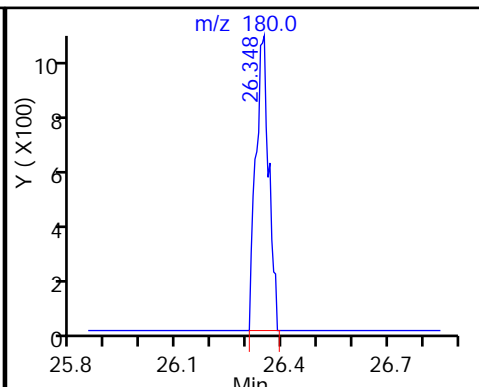
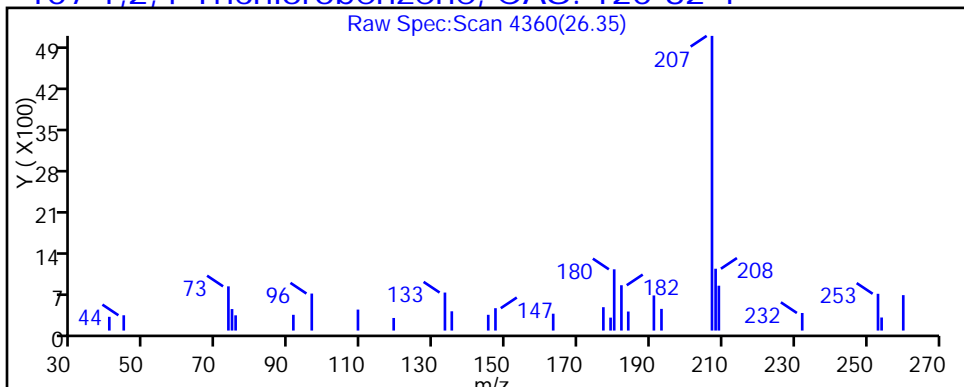
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

107 1,2,4-Trichlorobenzene, CAS: 120-82-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7A Lab Sample ID: 200-20955-26
 Matrix: Air Lab File ID: 6282_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:15
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 07:37
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	5.0	U	5.0	0.30
75-45-6	Freon 22	86.47	5.0	U	5.0	0.48
76-14-2	Freon-114	170.92	2.0	U	2.0	0.35
74-87-3	Chloromethane	50.49	5.0	U	5.0	1.4
106-97-8	n-Butane	58.12	5.0	U	5.0	2.8
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.38
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.42
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.28
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.30
593-60-2	Vinyl bromide	106.96	2.0	U	2.0	0.30
75-69-4	Freon 11	137.37	2.0	U	2.0	0.30
76-13-1	Freon 113	187.38	2.0	U	2.0	0.18
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.24
67-64-1	Acetone	58.08	50	U	50	13
67-63-0	Isopropyl alcohol	60.10	230		50	2.2
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.66
107-05-1	Allyl chloride	76.53	5.0	U	5.0	0.34
75-09-2	Methylene Chloride	84.93	190		5.0	1.3
75-65-0	tert-Butyl alcohol	74.12	50	U	50	3.3
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.29
110-54-3	Hexane	86.17	2.0	U	2.0	0.34
75-34-3	1,1-Dichloroethane	98.96	2.0	U	2.0	0.38
78-93-3	Methyl Ethyl Ketone	72.11	5.0	U	5.0	2.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.38
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.64
67-66-3	Chloroform	119.38	2.0	U	2.0	0.25
109-99-9	Tetrahydrofuran	72.11	11	J	50	0.46
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.21
110-82-7	Cyclohexane	84.16	1.6	J	2.0	0.25
56-23-5	Carbon tetrachloride	153.81	0.40	U	0.40	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.27
71-43-2	Benzene	78.11	2.0	U	2.0	0.19
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.17
142-82-5	Heptane	100.21	2.0	U	2.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7A Lab Sample ID: 200-20955-26
 Matrix: Air Lab File ID: 6282_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:15
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 07:37
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.40	U	0.40	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.30
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.32
123-91-1	1,4-Dioxane	88.11	50	U	50	2.0
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.17
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.28
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.27
108-88-3	Toluene	92.14	2.0	U	2.0	0.17
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.17
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.16
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	2.0
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.20
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.20
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.081
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.13
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.23
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
1330-20-7	Xylene (total)	106.17	2.0	U	2.0	0.34
100-42-5	Styrene	104.15	2.0	U	2.0	0.18
75-25-2	Bromoform	252.75	2.0	U	2.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.16
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.80
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.12
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.17
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.14
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.80
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.80
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.14
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.14
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.80
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.80

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7A Lab Sample ID: 200-20955-26
 Matrix: Air Lab File ID: 6282_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:15
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 07:37
 Soil Aliquot Vol.: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.0	U	2.0	0.14
120-82-1	1,2,4-Trichlorobenzene	181.45	5.0	U	5.0	0.27
87-68-3	Hexachloro-1,3-butadiene	260.76	2.0	U	2.0	0.22
91-20-3	Naphthalene	128.17	5.0	U	5.0	2.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7A Lab Sample ID: 200-20955-26
 Matrix: Air Lab File ID: 6282_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:15
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 07:37
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	25	U	25	1.5
75-45-6	Freon 22	86.47	18	U	18	1.7
76-14-2	Freon-114	170.92	14	U	14	2.4
74-87-3	Chloromethane	50.49	10	U	10	2.8
106-97-8	n-Butane	58.12	12	U	12	6.7
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.97
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.93
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.1
75-00-3	Chloroethane	64.52	13	U	13	0.79
593-60-2	Vinyl bromide	106.96	8.7	U	8.7	1.3
75-69-4	Freon 11	137.37	11	U	11	1.7
76-13-1	Freon 113	187.38	15	U	15	1.4
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	0.95
67-64-1	Acetone	58.08	120	U	120	30
67-63-0	Isopropyl alcohol	60.10	560		120	5.3
75-15-0	Carbon disulfide	76.14	16	U	16	2.1
107-05-1	Allyl chloride	76.53	16	U	16	1.1
75-09-2	Methylene Chloride	84.93	640		17	4.3
75-65-0	tert-Butyl alcohol	74.12	150	U	150	9.9
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.79
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	1.1
110-54-3	Hexane	86.17	7.0	U	7.0	1.2
75-34-3	1,1-Dichloroethane	98.96	8.1	U	8.1	1.5
78-93-3	Methyl Ethyl Ketone	72.11	15	U	15	7.1
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.5
67-66-3	Chloroform	119.38	9.8	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	33	J	150	1.4
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	1.1
110-82-7	Cyclohexane	84.16	5.5	J	6.9	0.86
56-23-5	Carbon tetrachloride	153.81	2.5	U	2.5	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	1.3
71-43-2	Benzene	78.11	6.4	U	6.4	0.61
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.69
142-82-5	Heptane	100.21	8.2	U	8.2	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7A Lab Sample ID: 200-20955-26
 Matrix: Air Lab File ID: 6282_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:15
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 07:37
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.1	U	2.1	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	1.2
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.5
123-91-1	1,4-Dioxane	88.11	180	U	180	7.2
75-27-4	Bromodichloromethane	163.83	13	U	13	1.1
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	1.3
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.1
108-88-3	Toluene	92.14	7.5	U	7.5	0.64
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	1.0
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.93
127-18-4	Tetrachloroethene	165.83	14	U	14	1.1
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.2
124-48-1	Dibromochloromethane	208.29	17	U	17	1.7
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	0.37
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.56
179601-23-1	m,p-Xylene	106.17	22	U	22	1.0
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
1330-20-7	Xylene (total)	106.17	8.7	U	8.7	1.5
100-42-5	Styrene	104.15	8.5	U	8.5	0.77
75-25-2	Bromoform	252.75	21	U	21	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	1.1
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	3.9
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.88
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.59
95-49-8	2-Chlorotoluene	126.59	10	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	11	U	11	0.93
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	0.69
135-98-8	sec-Butylbenzene	134.22	11	U	11	4.4
99-87-6	4-Isopropyltoluene	134.22	11	U	11	4.4
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	0.84
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	0.84
100-44-7	Benzyl chloride	126.58	10	U	10	4.1
104-51-8	n-Butylbenzene	134.22	11	U	11	4.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7A Lab Sample ID: 200-20955-26
 Matrix: Air Lab File ID: 6282_025.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:15
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 07:37
 Soil Aliquot Vol.: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	12	U	12	0.84
120-82-1	1,2,4-Trichlorobenzene	181.45	37	U	37	2.0
87-68-3	Hexachloro-1,3-butadiene	260.76	21	U	21	2.3
91-20-3	Naphthalene	128.17	26	U	26	10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d
 Lims ID: 200-20955-A-26 Lab Sample ID: 200-20955-26
 Client ID: IA-VMP-7A
 Sample Type: Client
 Inject. Date: 25-Feb-2014 07:37:30 ALS Bottle#: 8 Worklist Smp#: 25
 Purge Vol: 200.000 mL Dil. Factor: 10.0000
 Sample Info: 200-0006282-025
 Misc. Info.: 200-20955-A-26@10 20ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 10:51:18 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:48:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.433					
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43		8.743					
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.037	9.027	0.010	97	1001811	22.8	
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.743	9.727	0.016	80	675879	18.5	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57		10.648					
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72		12.386					
44 Tetrahydrofuran	42	12.868	12.846	0.022	62	35692	1.13	
* 43 Chlorobromomethane	128	12.852	12.857	-0.005	69	360587	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.264	13.258	0.006	76	9720	0.1600	M
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	13.531		
	51			57	13.922		
	50			78	13.980		
	52			62	14.141		
	53			43	14.269		
*	54			114	14.745	14.745 0.0	93 1663993 10.0
	56			95	15.206		
	58			63	15.730		
	59			69	15.810		
	60			88	15.901		
	62			83	16.217		
	64			75	17.083		
	65			43	17.319		
	66			92	17.656		
	70			75	18.191		
	71			83	18.554		
	72			166	18.699		
	73			43	18.945		
	74			129	19.314		
	75			107	19.598		
S	82			106	20.100		
*	76			117	20.443	20.443 0.0	84 1415539 10.0
	77			112	20.496		
	78			91	20.614		
	80			106	20.833		
	83			106	21.545		
	84			104	21.582		
	85			173	21.957		
\$	87			95	22.444	22.444 0.0	97 890339 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.081		
	101			146	24.225		
	102			91	24.434		
	103			91	24.648		
	105			146	24.830		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		

QC Flag Legend

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d

Injection Date: 25-Feb-2014 07:37:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-26

Lab Sample ID: 200-20955-26

Worklist Smp#: 25

Client ID: IA-VMP-7A

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

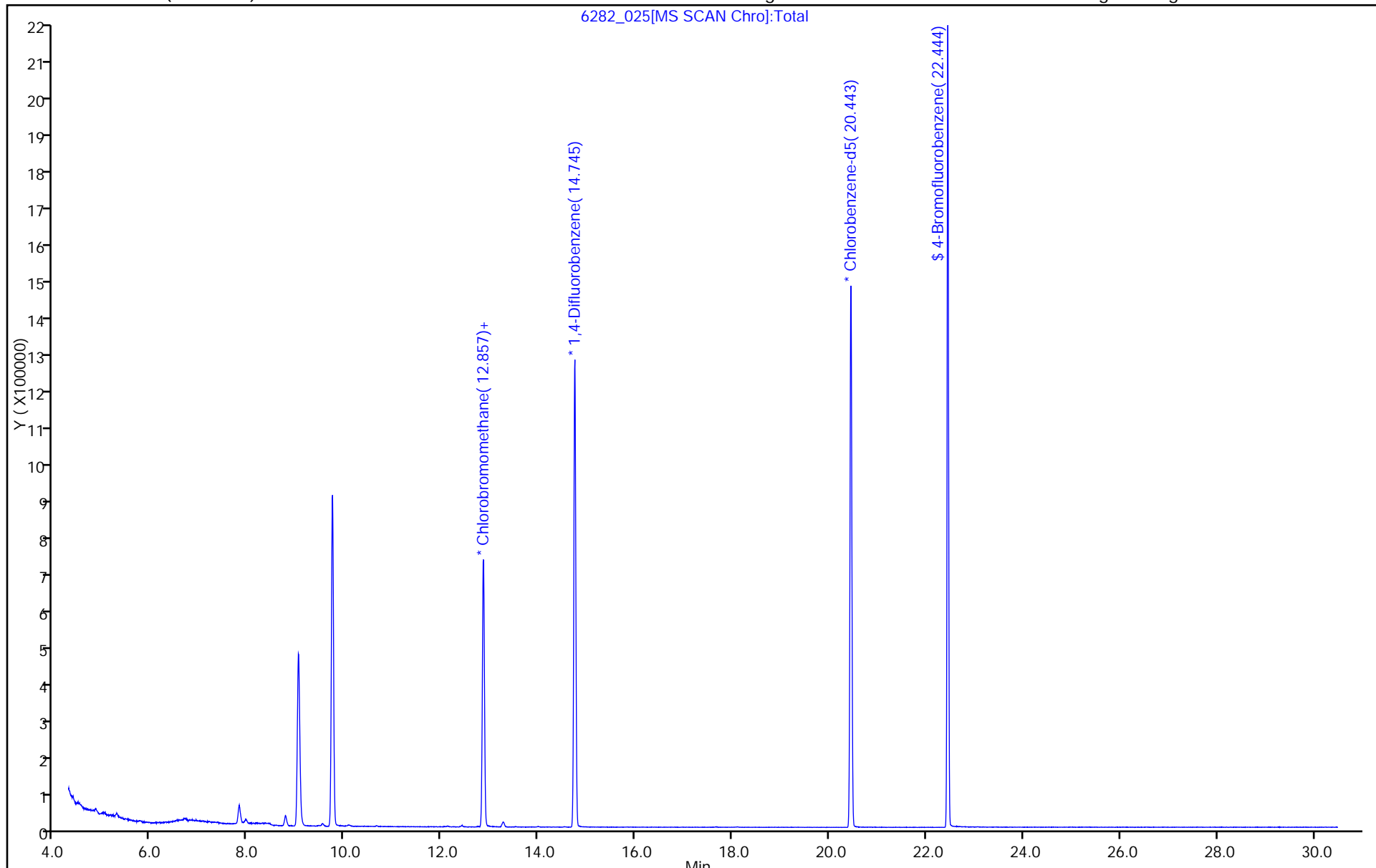
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d

Injection Date: 25-Feb-2014 07:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-26

Lab Sample ID: 200-20955-26

Client ID: IA-VMP-7A

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

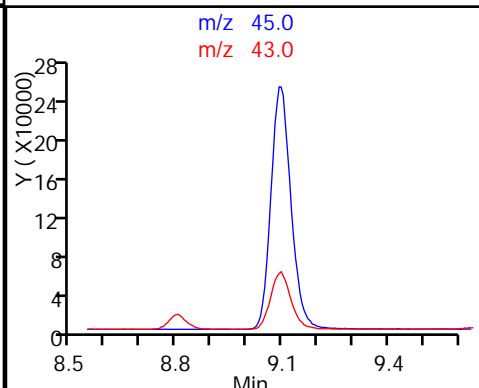
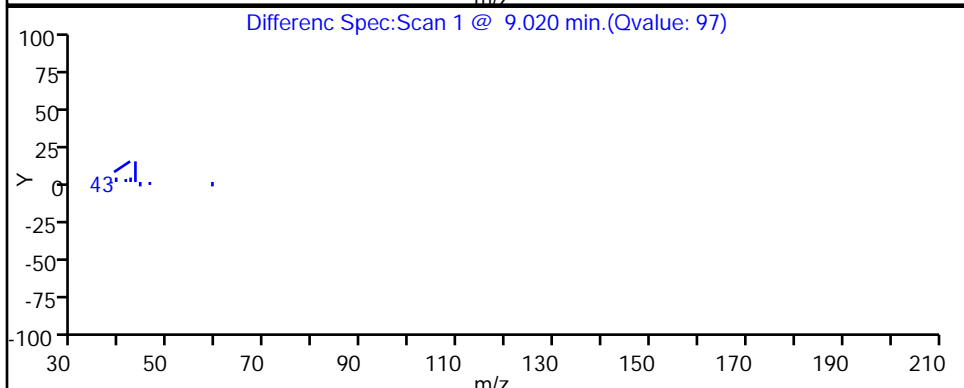
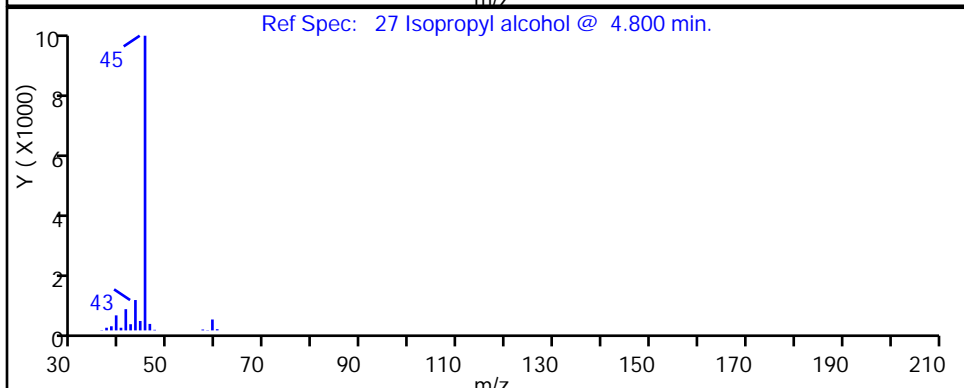
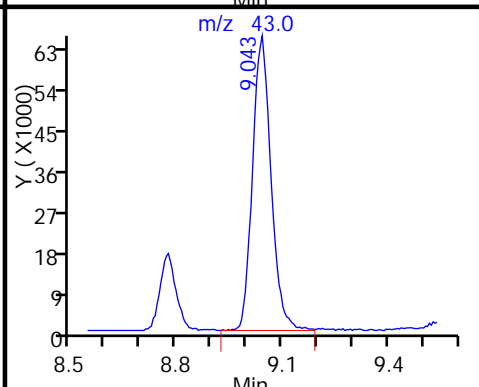
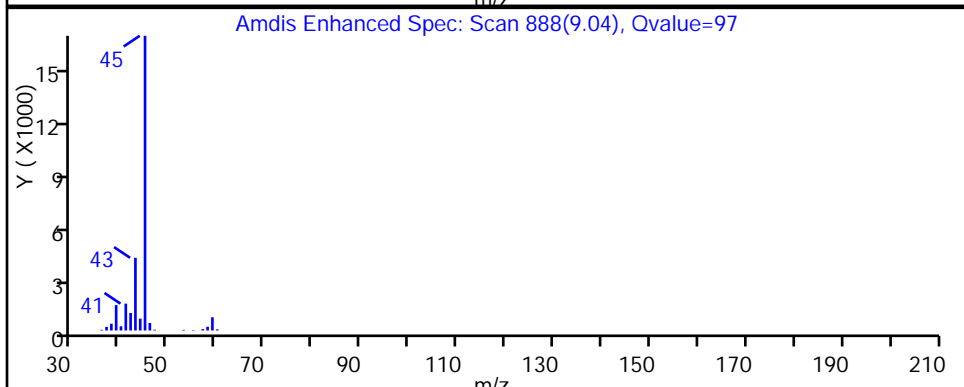
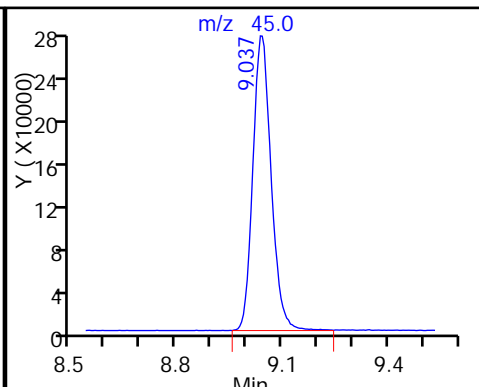
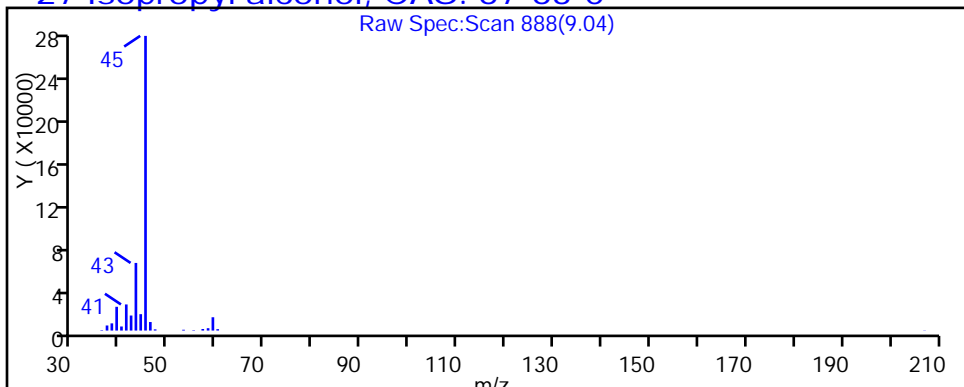
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d

Injection Date: 25-Feb-2014 07:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-26

Lab Sample ID: 200-20955-26

Client ID: IA-VMP-7A

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

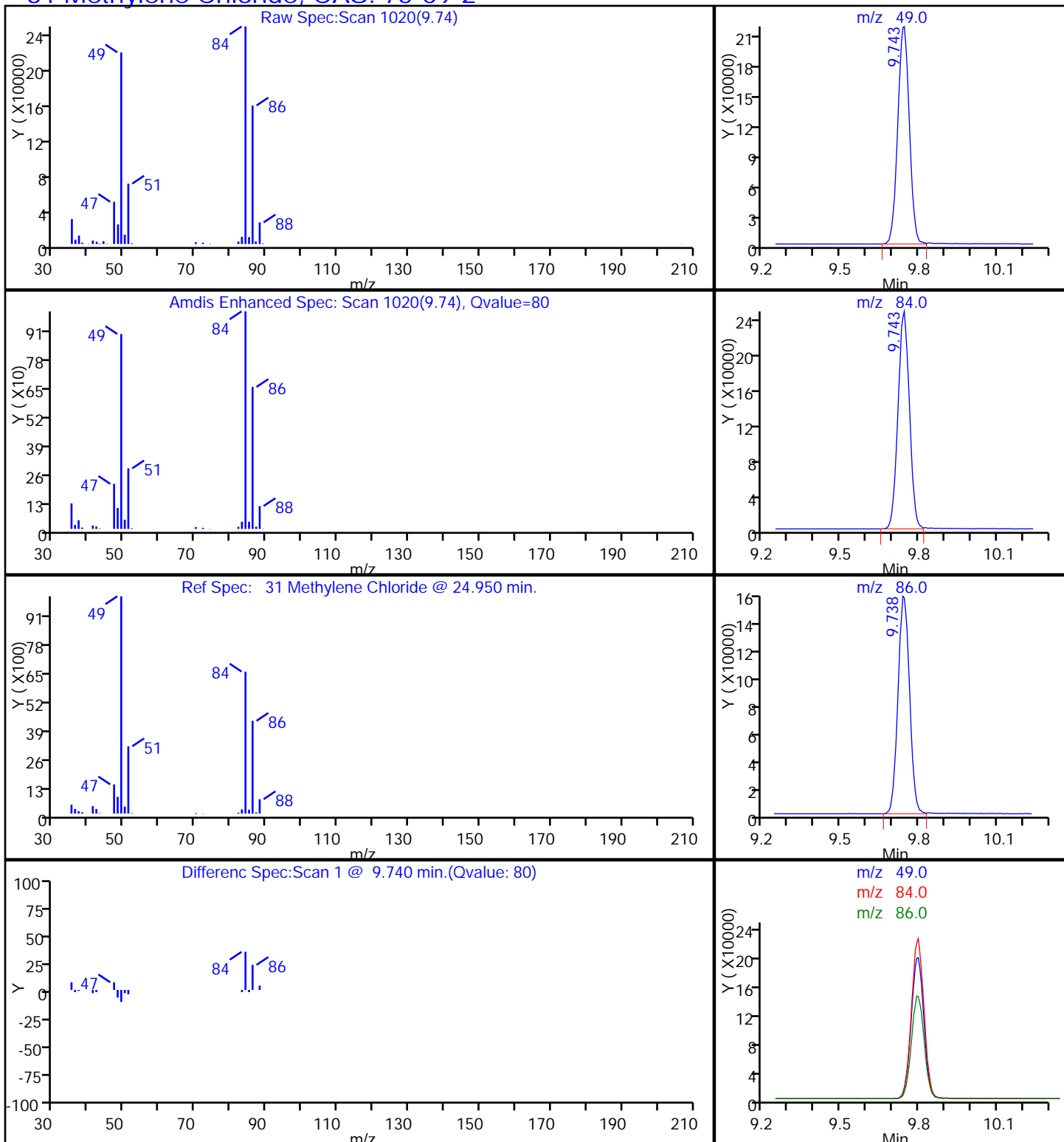
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d

Injection Date: 25-Feb-2014 07:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-26

Lab Sample ID: 200-20955-26

Client ID: IA-VMP-7A

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

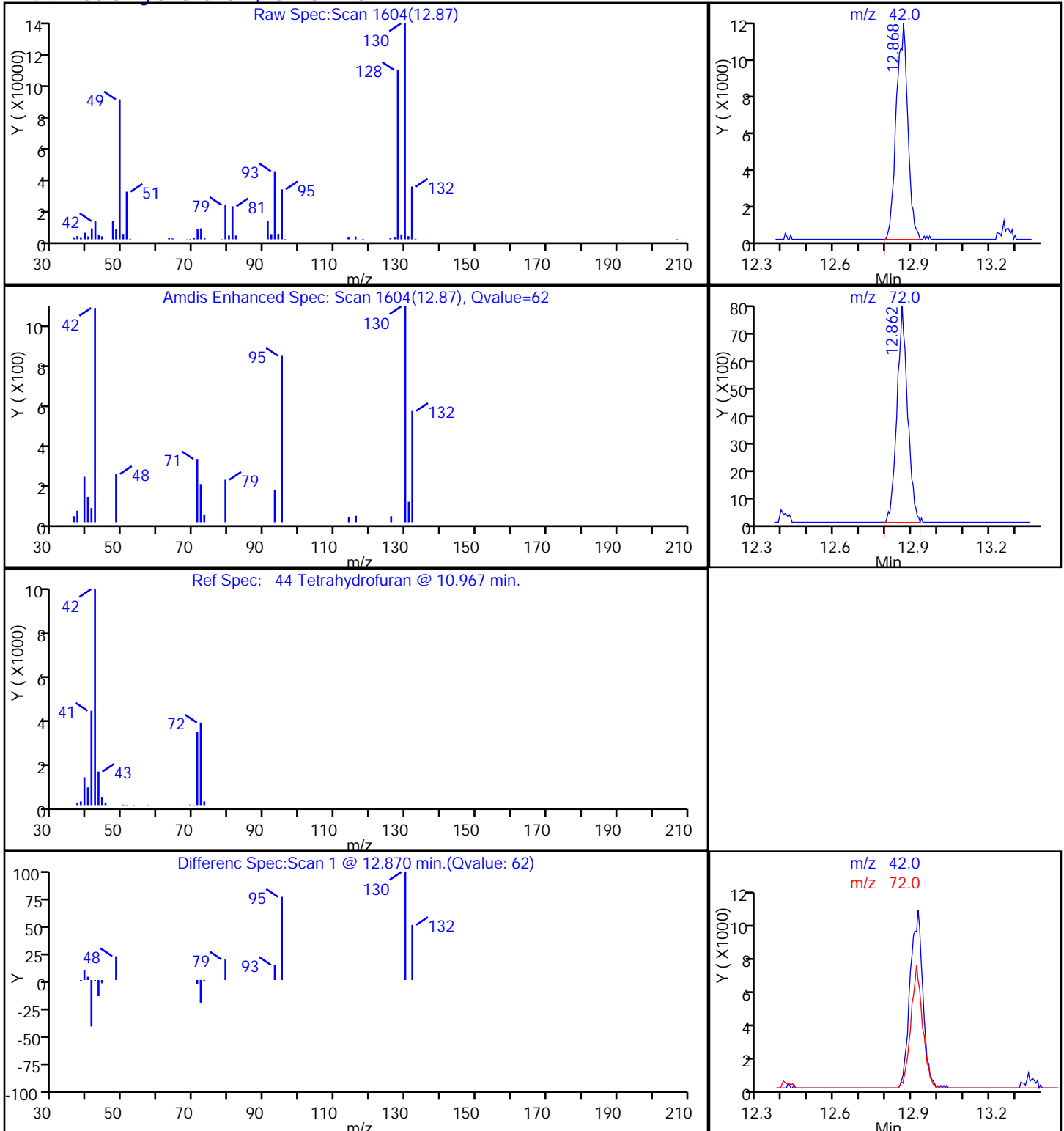
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d

Injection Date: 25-Feb-2014 07:37:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-26

Lab Sample ID: 200-20955-26

Client ID: IA-VMP-7A

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 25

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

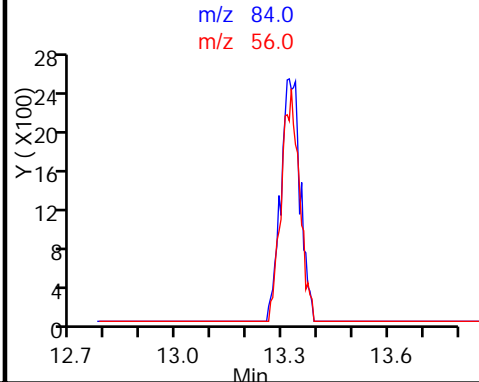
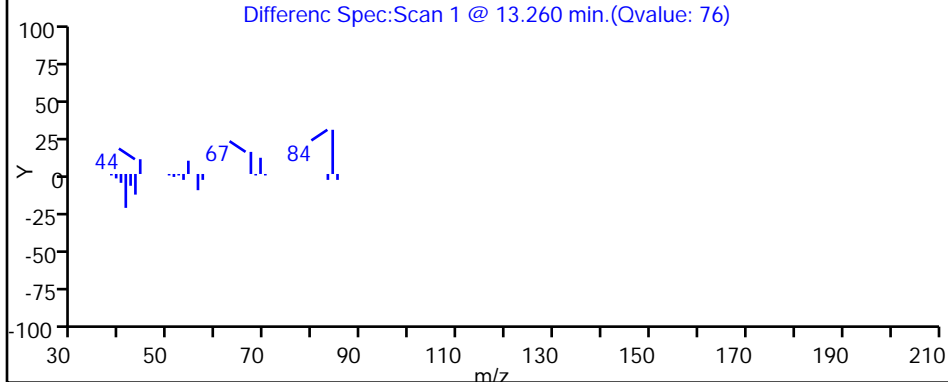
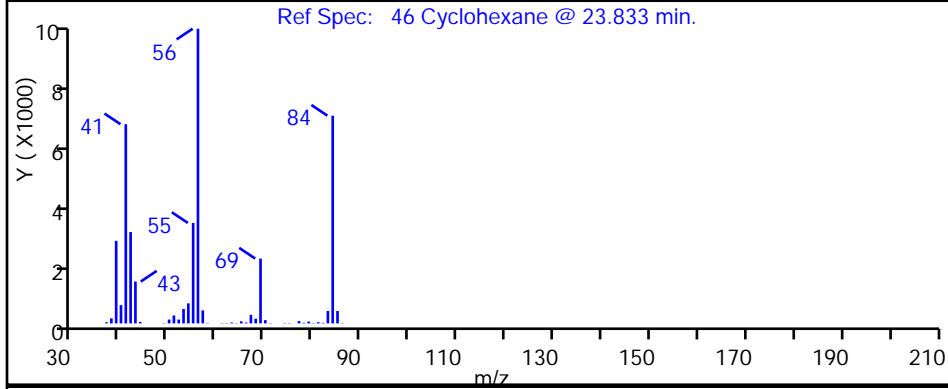
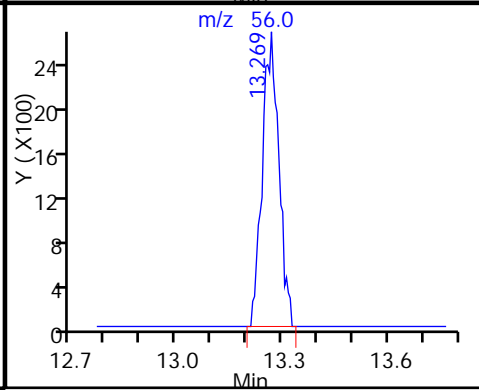
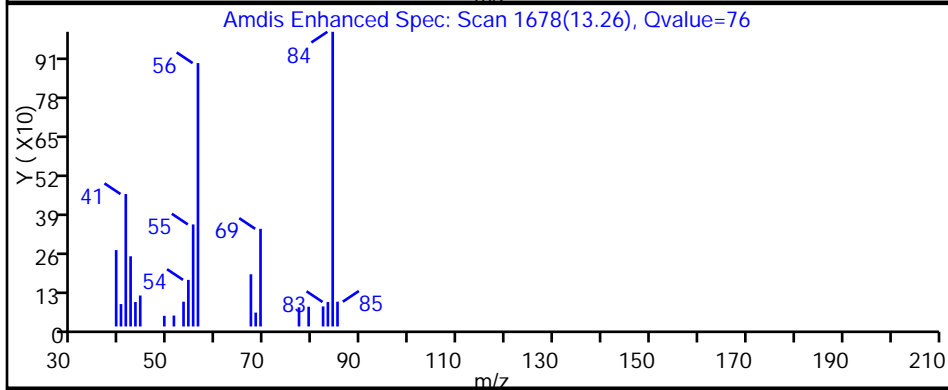
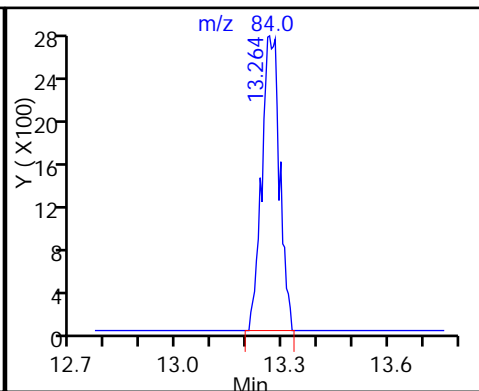
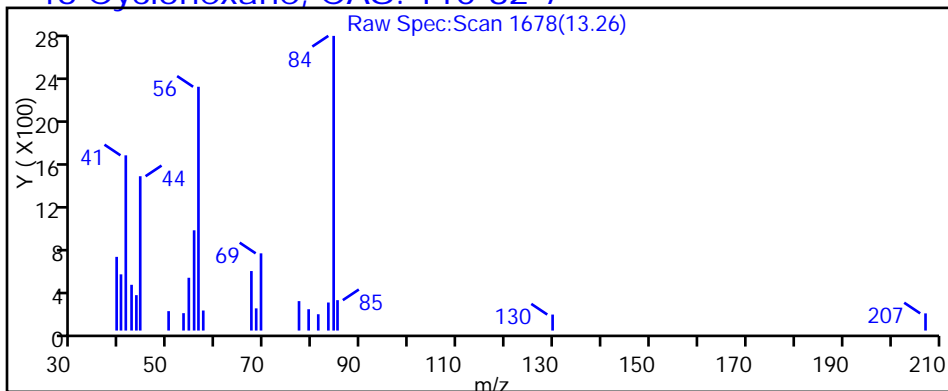
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



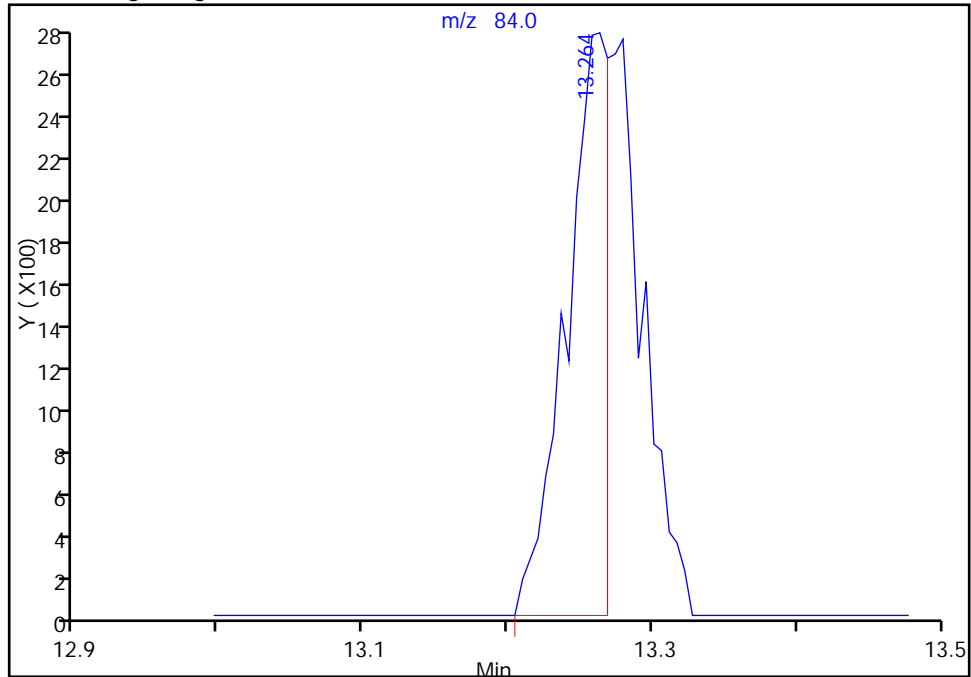
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d
Injection Date: 25-Feb-2014 07:37:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-26 Lab Sample ID: 200-20955-26
Client ID: IA-VMP-7A
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

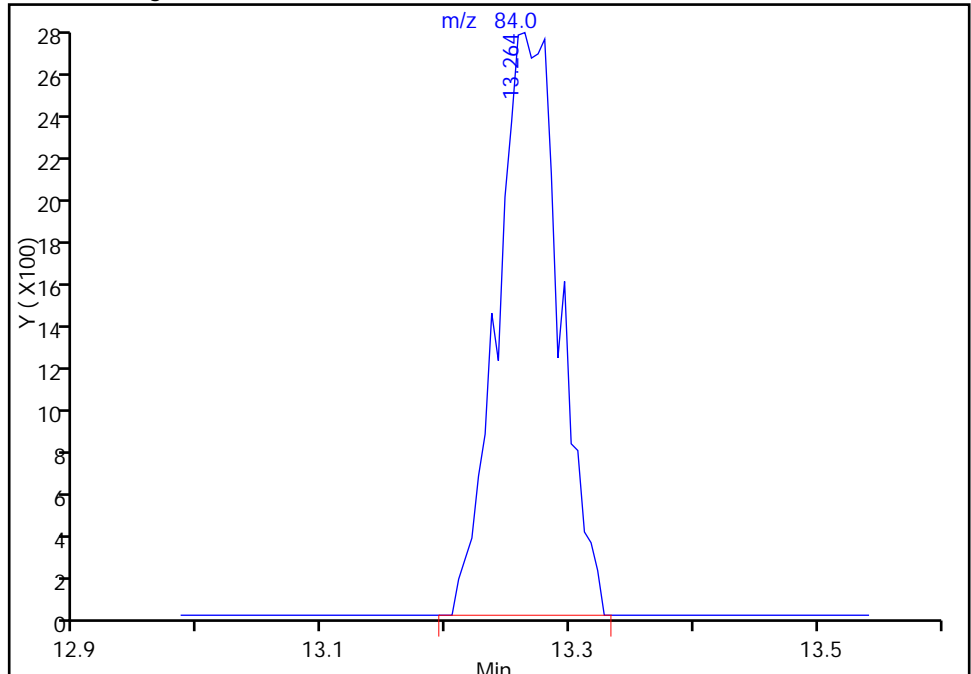
RT: 13.26
Response: 5600
Amount: 0.092177

Processing Integration Results



RT: 13.26
Response: 9720
Amount: 0.159993

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:48:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

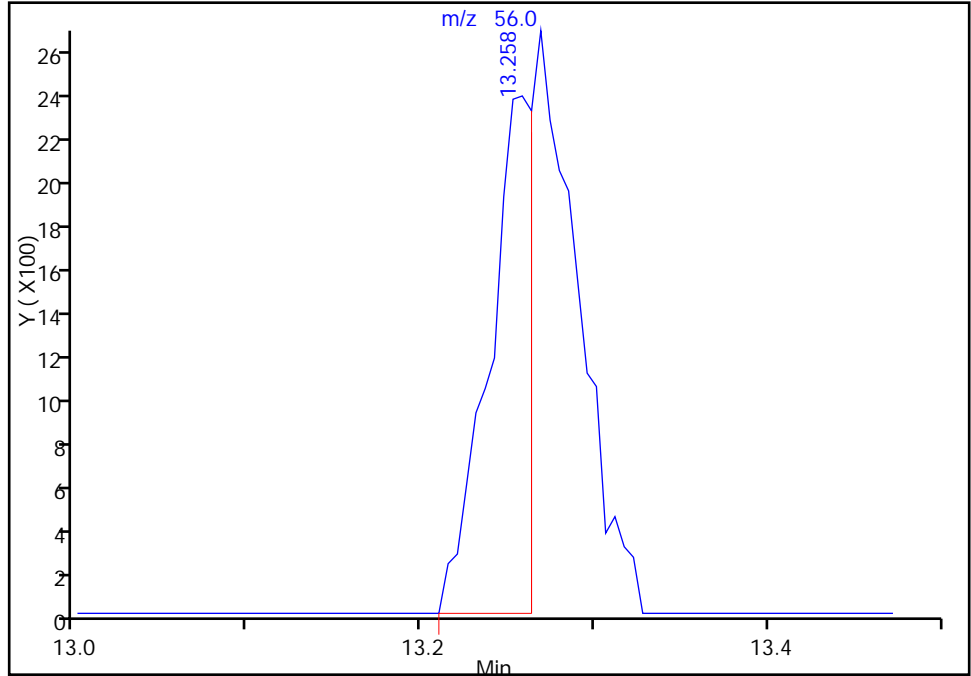
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_025.d
Injection Date: 25-Feb-2014 07:37:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-26 Lab Sample ID: 200-20955-26
Client ID: IA-VMP-7A
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

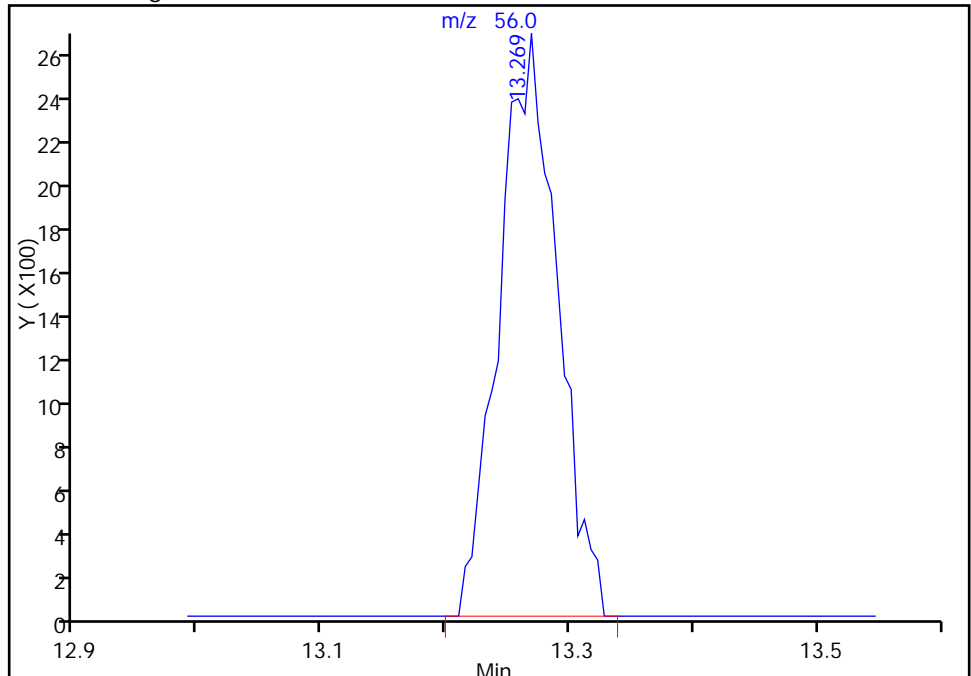
RT: 13.26
Response: 4191
Amount: 0.092177

Processing Integration Results



RT: 13.27
Response: 8628
Amount: 0.159993

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:48:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7 Lab Sample ID: 200-20955-27
 Matrix: Air Lab File ID: 6318_010.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 20:57
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	5.0	U	5.0	0.30
75-45-6	Freon 22	86.47	1.7	J	5.0	0.48
76-14-2	Freon-114	170.92	2.0	U	2.0	0.35
74-87-3	Chloromethane	50.49	5.0	U	5.0	1.4
106-97-8	n-Butane	58.12	5.0	U	5.0	2.8
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.38
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.42
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.28
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.30
593-60-2	Vinyl bromide	106.96	2.0	U	2.0	0.30
75-69-4	Freon 11	137.37	2.0	U	2.0	0.30
76-13-1	Freon 113	187.38	2.0	U	2.0	0.18
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.24
67-64-1	Acetone	58.08	50	U	50	13
67-63-0	Isopropyl alcohol	60.10	130		50	2.2
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.66
107-05-1	Allyl chloride	76.53	5.0	U	5.0	0.34
75-09-2	Methylene Chloride	84.93	100		5.0	1.3
75-65-0	tert-Butyl alcohol	74.12	50	U	50	3.3
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.29
110-54-3	Hexane	86.17	2.0	U	2.0	0.34
75-34-3	1,1-Dichloroethane	98.96	2.0	U	2.0	0.38
78-93-3	Methyl Ethyl Ketone	72.11	5.0	U	5.0	2.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.38
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.64
67-66-3	Chloroform	119.38	2.0	U	2.0	0.25
109-99-9	Tetrahydrofuran	72.11	1.6	J	50	0.46
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.21
110-82-7	Cyclohexane	84.16	0.54	J	2.0	0.25
56-23-5	Carbon tetrachloride	153.81	0.40	U	0.40	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.27
71-43-2	Benzene	78.11	2.0	U	2.0	0.19
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.17
142-82-5	Heptane	100.21	2.0	U	2.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7 Lab Sample ID: 200-20955-27
 Matrix: Air Lab File ID: 6318_010.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 20:57
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.40	U	0.40	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.30
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.32
123-91-1	1,4-Dioxane	88.11	50	U	50	2.0
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.17
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.28
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.27
108-88-3	Toluene	92.14	0.54	J	2.0	0.17
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.17
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.16
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	2.0
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.20
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.20
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.081
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.13
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.23
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
1330-20-7	Xylene (total)	106.17	2.0	U	2.0	0.34
100-42-5	Styrene	104.15	2.0	U	2.0	0.18
75-25-2	Bromoform	252.75	2.0	U	2.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.16
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.80
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.12
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.17
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.14
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.80
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.80
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.14
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.14
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.80
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.80

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7 Lab Sample ID: 200-20955-27
 Matrix: Air Lab File ID: 6318_010.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 20:57
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.0	U	2.0	0.14
120-82-1	1,2,4-Trichlorobenzene	181.45	5.0	U	5.0	0.27
87-68-3	Hexachloro-1,3-butadiene	260.76	2.0	U *	2.0	0.22
91-20-3	Naphthalene	128.17	5.0	U	5.0	2.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7 Lab Sample ID: 200-20955-27
 Matrix: Air Lab File ID: 6318_010.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 20:57
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	25	U	25	1.5
75-45-6	Freon 22	86.47	6.0	J	18	1.7
76-14-2	Freon-114	170.92	14	U	14	2.4
74-87-3	Chloromethane	50.49	10	U	10	2.8
106-97-8	n-Butane	58.12	12	U	12	6.7
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.97
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.93
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.1
75-00-3	Chloroethane	64.52	13	U	13	0.79
593-60-2	Vinyl bromide	106.96	8.7	U	8.7	1.3
75-69-4	Freon 11	137.37	11	U	11	1.7
76-13-1	Freon 113	187.38	15	U	15	1.4
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	0.95
67-64-1	Acetone	58.08	120	U	120	30
67-63-0	Isopropyl alcohol	60.10	320		120	5.3
75-15-0	Carbon disulfide	76.14	16	U	16	2.1
107-05-1	Allyl chloride	76.53	16	U	16	1.1
75-09-2	Methylene Chloride	84.93	360		17	4.3
75-65-0	tert-Butyl alcohol	74.12	150	U	150	9.9
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.79
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	1.1
110-54-3	Hexane	86.17	7.0	U	7.0	1.2
75-34-3	1,1-Dichloroethane	98.96	8.1	U	8.1	1.5
78-93-3	Methyl Ethyl Ketone	72.11	15	U	15	7.1
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.5
67-66-3	Chloroform	119.38	9.8	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	4.7	J	150	1.4
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	1.1
110-82-7	Cyclohexane	84.16	1.9	J	6.9	0.86
56-23-5	Carbon tetrachloride	153.81	2.5	U	2.5	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	1.3
71-43-2	Benzene	78.11	6.4	U	6.4	0.61
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.69
142-82-5	Heptane	100.21	8.2	U	8.2	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7 Lab Sample ID: 200-20955-27
 Matrix: Air Lab File ID: 6318_010.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/25/2014 20:57
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.1	U	2.1	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	1.2
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.5
123-91-1	1,4-Dioxane	88.11	180	U	180	7.2
75-27-4	Bromodichloromethane	163.83	13	U	13	1.1
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	1.3
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.1
108-88-3	Toluene	92.14	2.0	J	7.5	0.64
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	1.0
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.93
127-18-4	Tetrachloroethene	165.83	14	U	14	1.1
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.2
124-48-1	Dibromochloromethane	208.29	17	U	17	1.7
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	0.37
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.56
179601-23-1	m,p-Xylene	106.17	22	U	22	1.0
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
1330-20-7	Xylene (total)	106.17	8.7	U	8.7	1.5
100-42-5	Styrene	104.15	8.5	U	8.5	0.77
75-25-2	Bromoform	252.75	21	U	21	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	1.1
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	3.9
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.88
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.59
95-49-8	2-Chlorotoluene	126.59	10	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	11	U	11	0.93
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	0.69
135-98-8	sec-Butylbenzene	134.22	11	U	11	4.4
99-87-6	4-Isopropyltoluene	134.22	11	U	11	4.4
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	0.84
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	0.84
100-44-7	Benzyl chloride	126.58	10	U	10	4.1
104-51-8	n-Butylbenzene	134.22	11	U	11	4.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-7 Lab Sample ID: 200-20955-27
 Matrix: Air Lab File ID: 6318_010.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 19:07
 Sample wt/vol: 20(mL) Date Analyzed: 02/25/2014 20:57
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	12	U	12	0.84
120-82-1	1,2,4-Trichlorobenzene	181.45	37	U	37	2.0
87-68-3	Hexachloro-1,3-butadiene	260.76	21	U *	21	2.3
91-20-3	Naphthalene	128.17	26	U	26	10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
 Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
 Client ID: IA-VMP-7
 Sample Type: Client
 Inject. Date: 25-Feb-2014 20:57:30 ALS Bottle#: 8 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 10.0000
 Sample Info: 200-0006318-010
 Misc. Info.: 200-20955-a-27@10
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 12:27:58 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

First Level Reviewer: lyonsb

Date: 26-Feb-2014 11:37:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.133					
6 Chlorodifluoromethane	51	3.181	3.181	0.0	90	13380	0.1683	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.882					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.235					
17 Trichlorofluoromethane	101		5.353					
23 1,1,2-Trichloro-1,2,2-trifluoro	101		6.481					
24 1,1-Dichloroethene	96		6.503					
25 Acetone	43		6.722					
26 Carbon disulfide	76		6.888					
27 Isopropyl alcohol	45	7.032	7.038	-0.006	98	619959	13.0	
29 3-Chloro-1-propene	41		7.305					
31 Methylene Chloride	49	7.594	7.600	-0.006	82	494802	10.4	
32 2-Methyl-2-propanol	59		7.840					
33 Methyl tert-butyl ether	73		8.044					
34 trans-1,2-Dichloroethene	61		8.065					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.948					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72		10.141					
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	673078	10.0	
44 Tetrahydrofuran	42	10.590	10.579	0.011	77	7070	0.1584	
45 Chloroform	83		10.708					
46 Cyclohexane	84	10.991	10.997	-0.006	45	5097	0.0544	M
47 1,1,1-Trichloroethane	97		11.007					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	11.269		
	50			78	11.740 11.746	-0.006	39 2025 0.008085
	51			57	11.762		
	52			62	11.911		
	53			43	12.179 12.174	0.005	34 1485 0.0134 M
*	54			114	12.618 12.623	-0.005	91 3753593 10.0
	56			95	13.115		
	58			63	13.682		
	59			69	13.885		
	60			88	13.918		
	62			83	14.249		
	64			75	15.228		
	65			43	15.533		
	66			92	15.860 15.854	0.006	79 13659 0.0538 M
	70			75	16.443		
	71			83	16.812		
	72			166	16.967		
	73			43	17.288		
	74			129	17.587		
	75			107	17.866		
*	76			117	18.786 18.791	-0.005	81 3462353 10.0
	77			112	18.850		
	78			91	19.021 19.016	0.005	5 3074 0.005834
	80			106	19.273 19.273	0.0	65 3089 0.0143 M
S	82			106			0 0.0173
	83			106	20.091 20.102	-0.011	29 666 0.002962 M
	84			104	20.145		
	85			173	20.535		
\$	87			95	21.113 21.113	0.0	98 1569984 NC
	88			83	21.370		
	90			91	21.471		
	92			91	21.653		
	91			105	21.659		
	94			105	21.760		
	96			119	22.242		
	97			105	22.333		
	98			105	22.563		
	99			119	22.761		
	100			146	22.777		
	101			146	22.910		
	102			91	23.108		
	103			91	23.338		
	105			146	23.451		
	107			180	26.019		
	108			225	26.227		
	109			128	26.505		

QC Flag Legend

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Worklist Smp#: 10

Client ID: IA-VMP-7

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

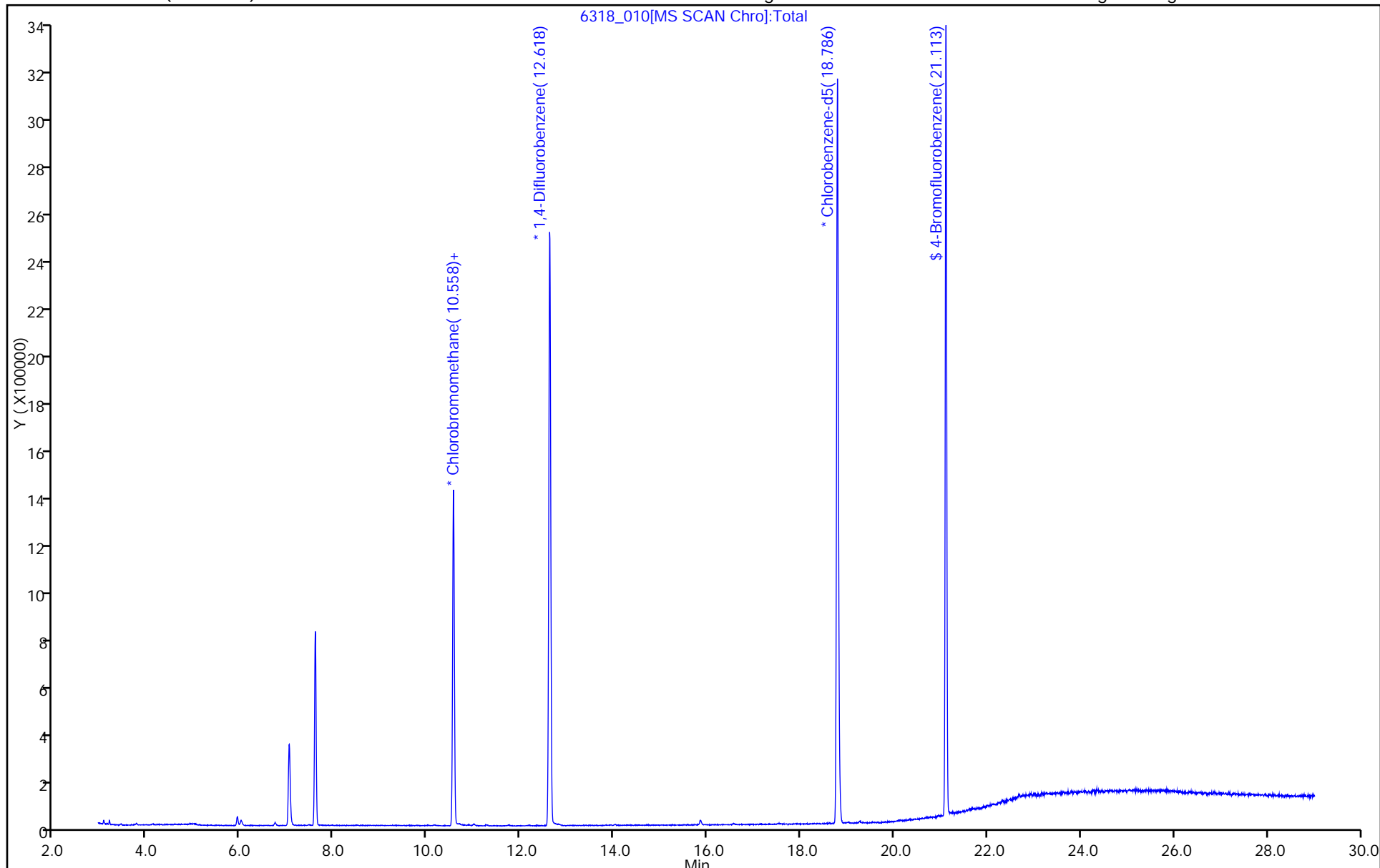
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Client ID: IA-VMP-7

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

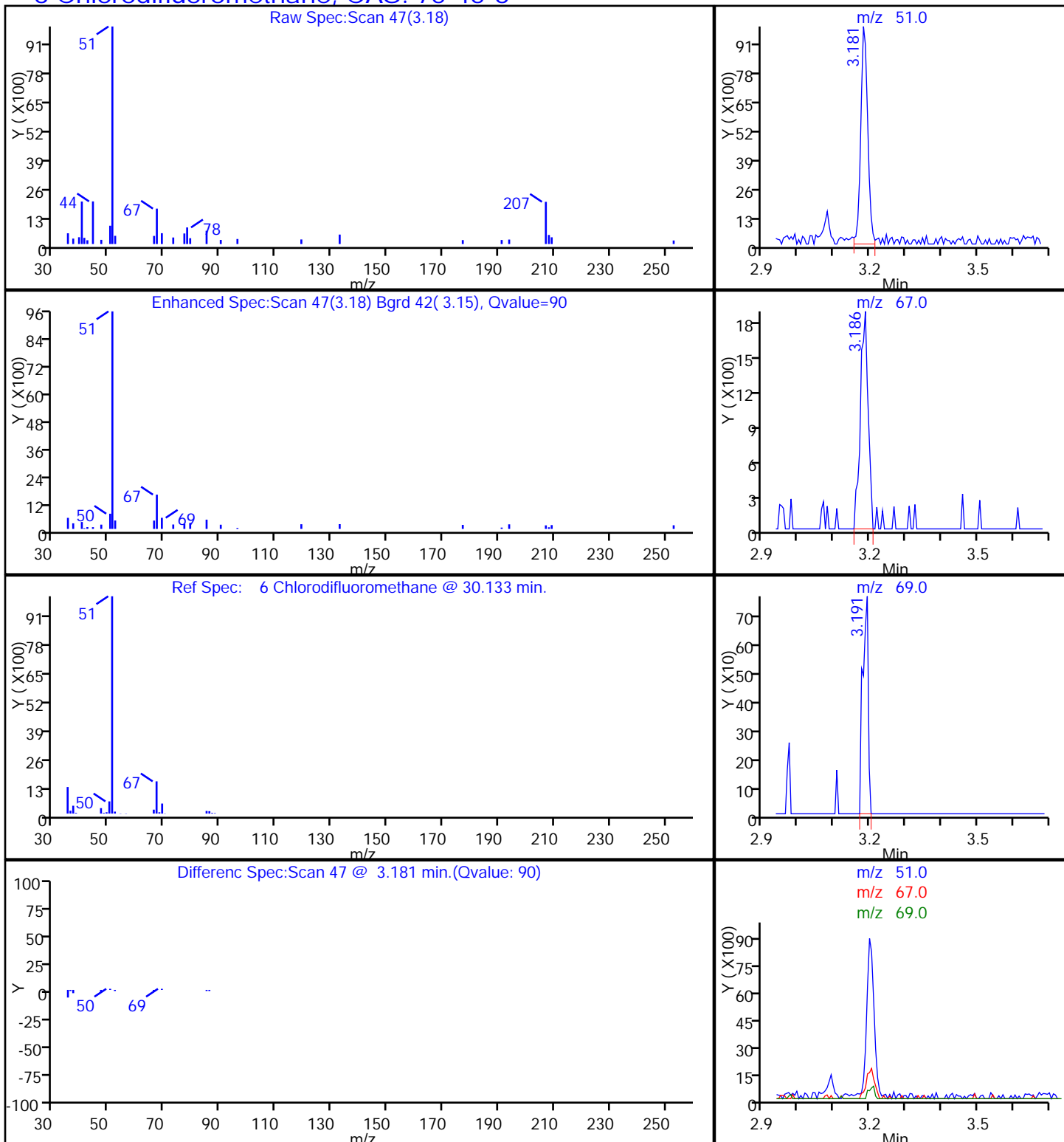
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Client ID: IA-VMP-7

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

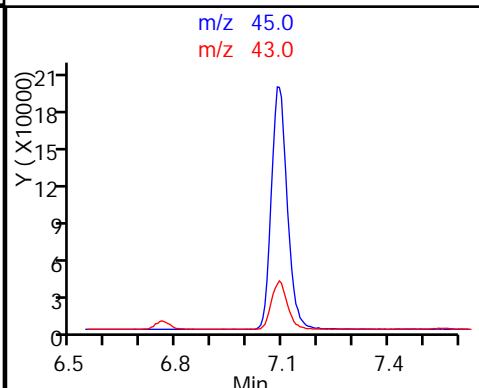
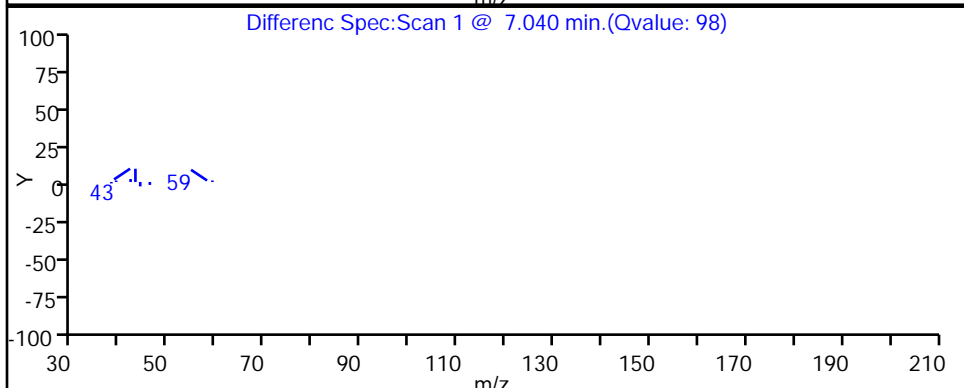
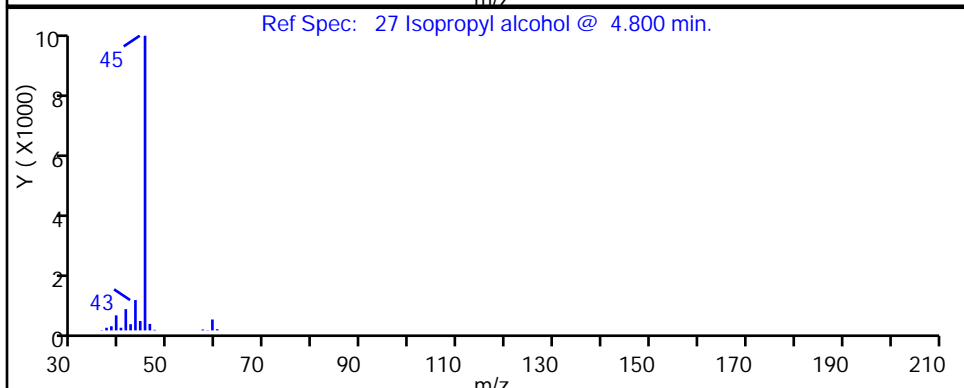
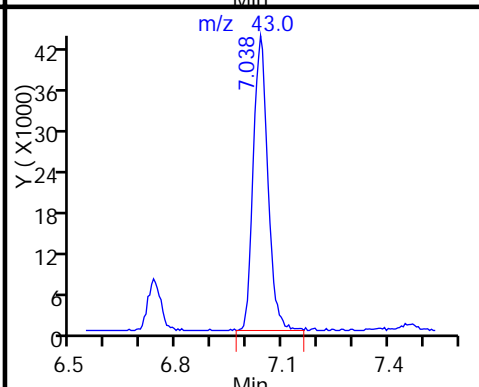
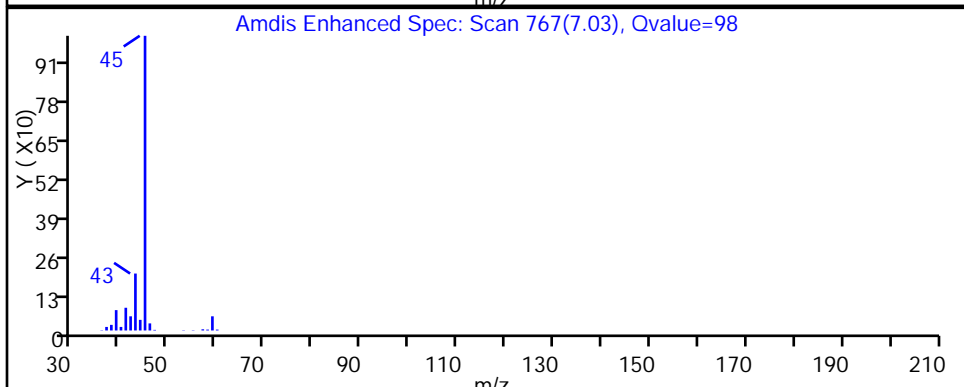
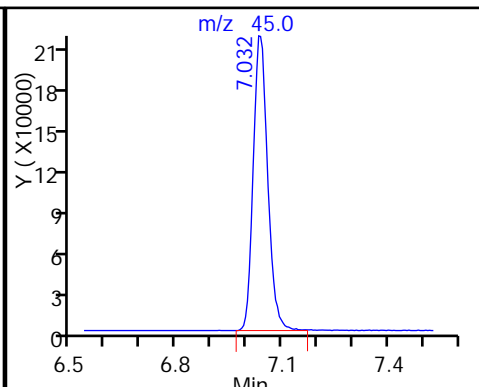
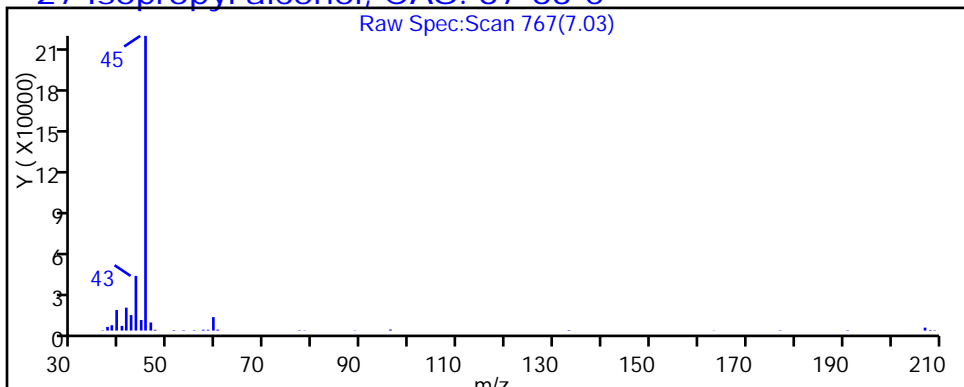
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Client ID: IA-VMP-7

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

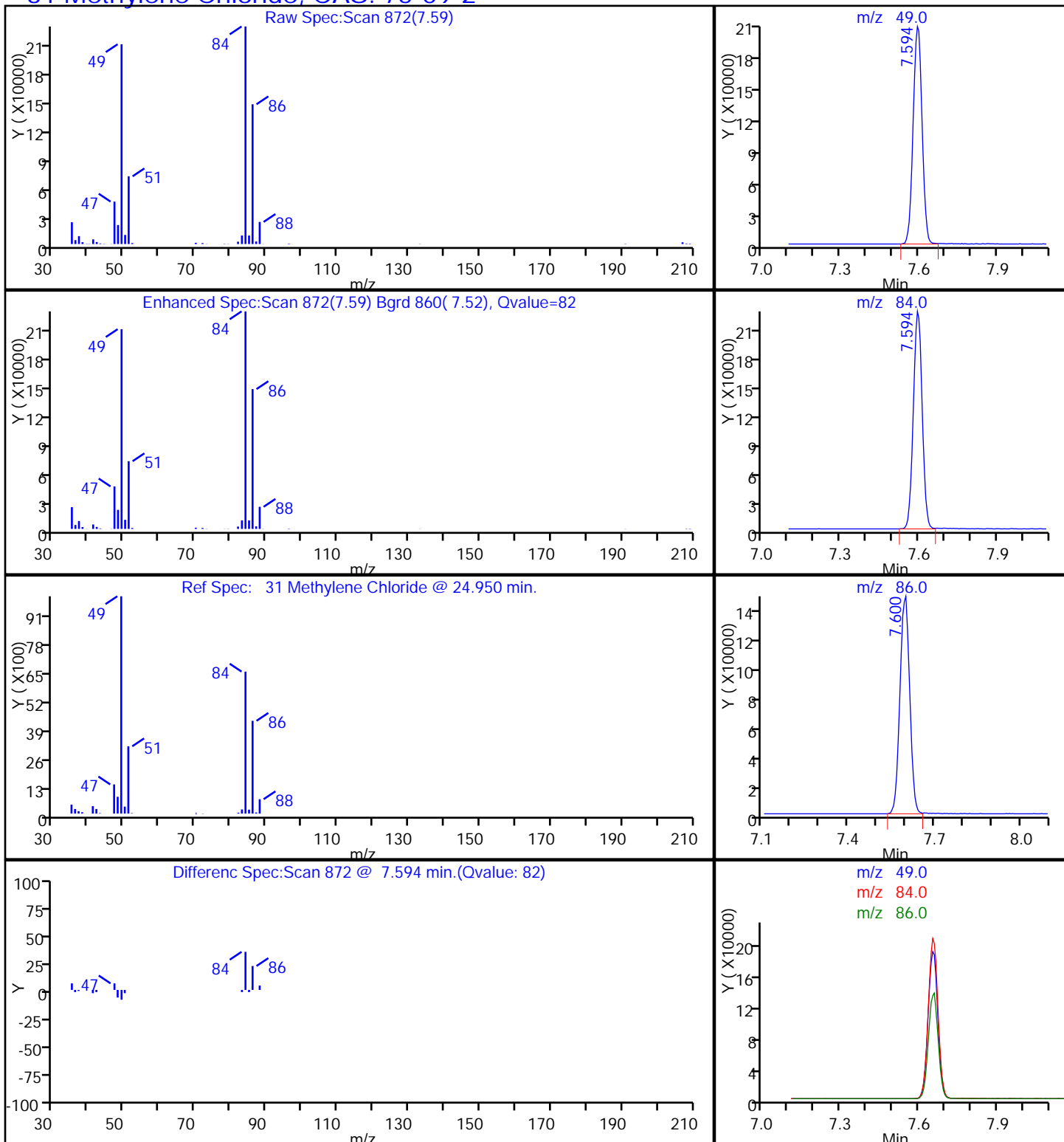
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Client ID: IA-VMP-7

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

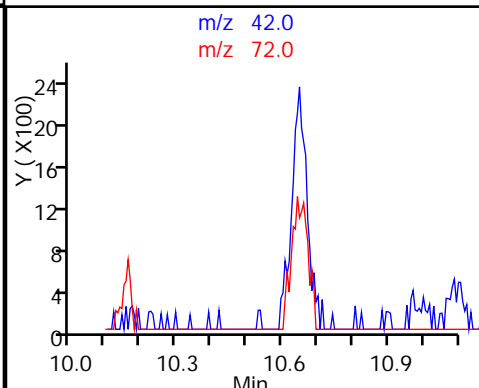
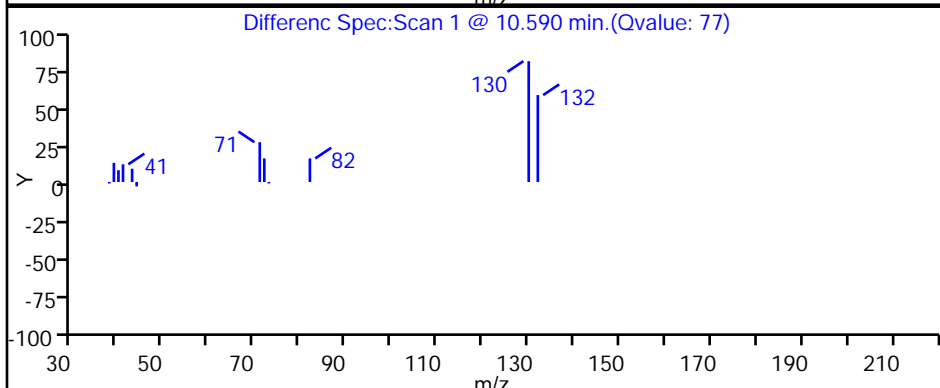
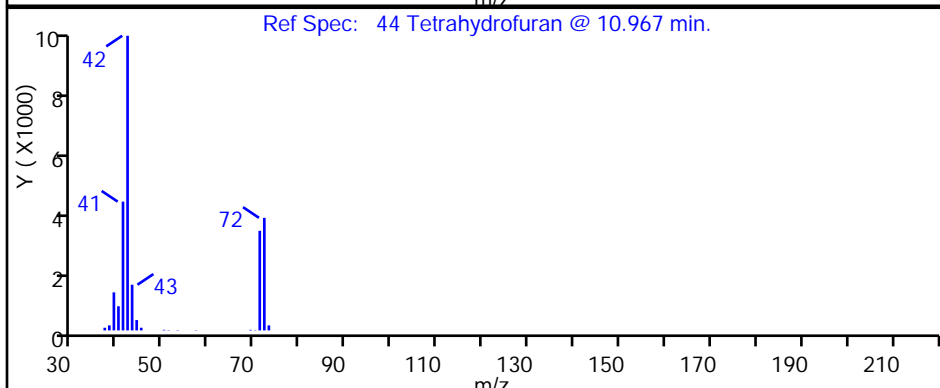
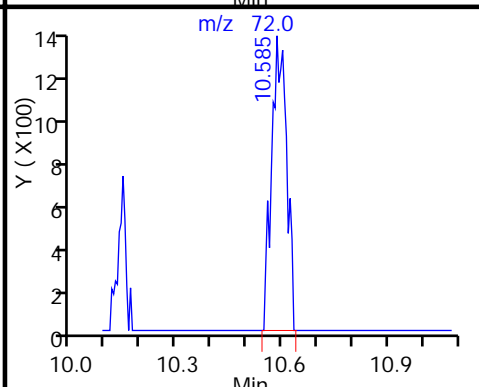
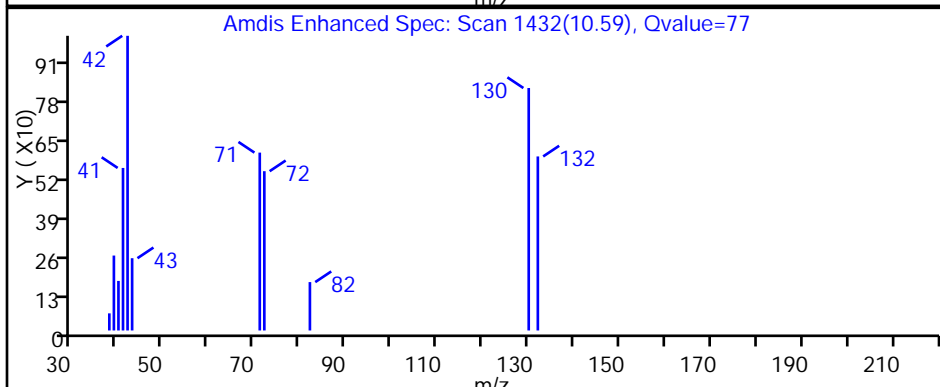
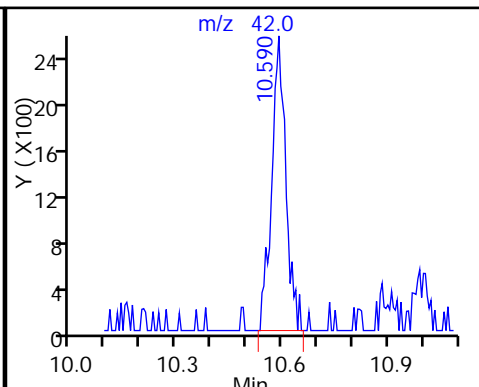
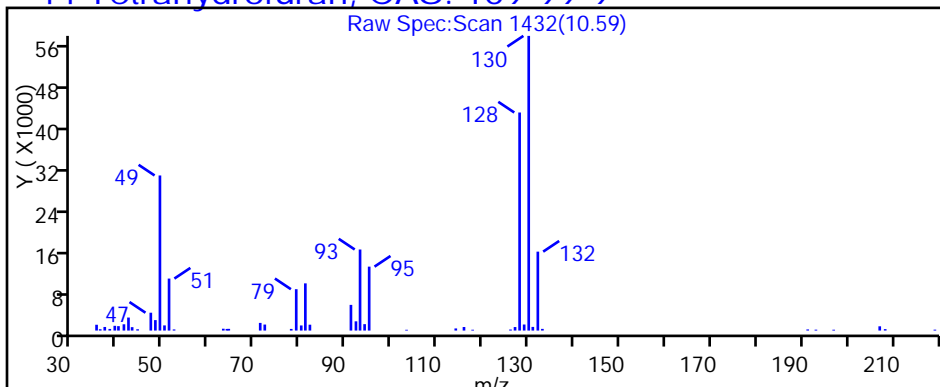
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Client ID: IA-VMP-7

Operator ID: bl

ALS Bottle#: 8 Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

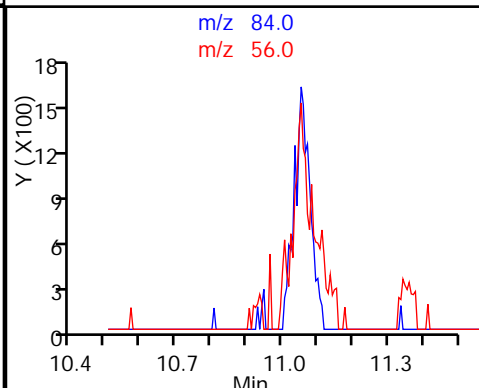
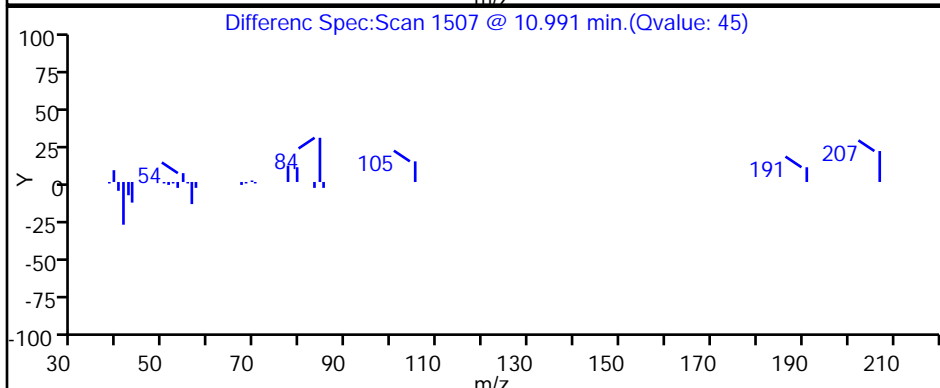
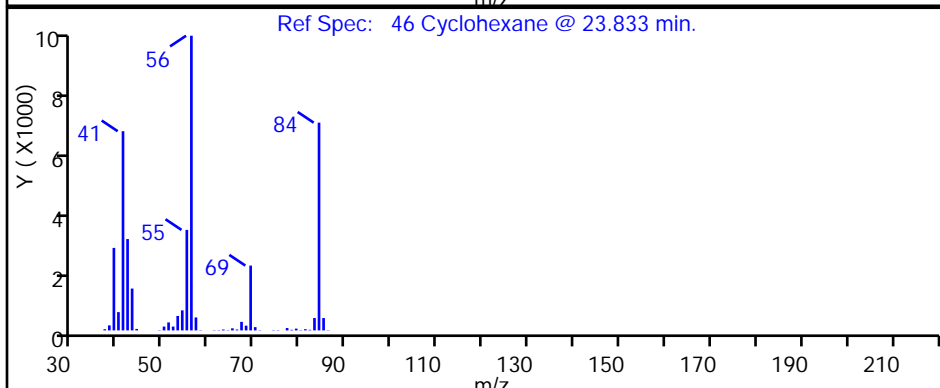
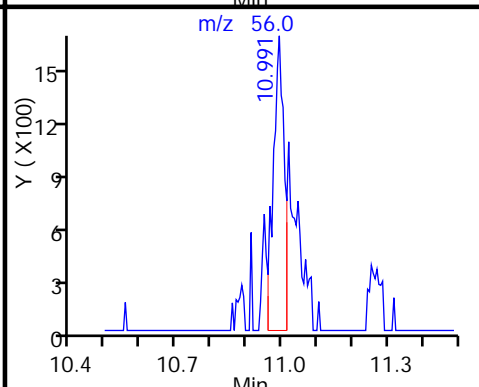
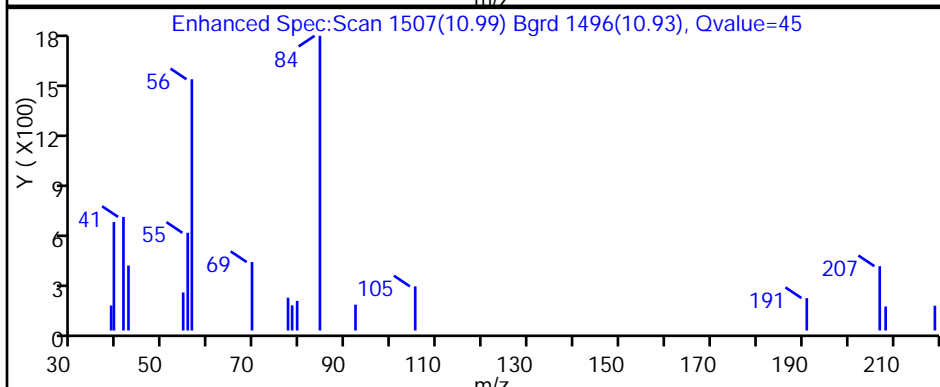
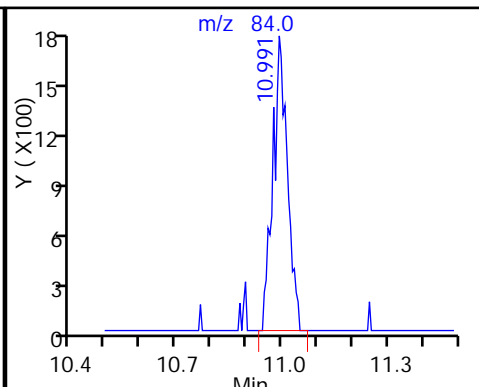
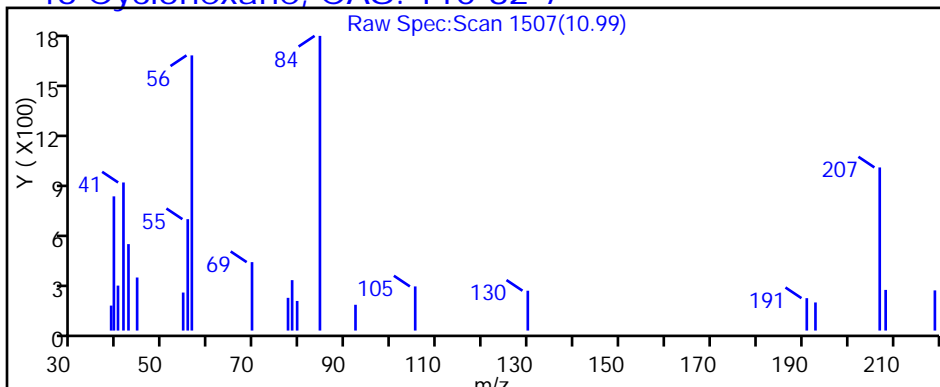
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D

Injection Date: 25-Feb-2014 20:57:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-27

Lab Sample ID: 200-20955-27

Client ID: IA-VMP-7

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

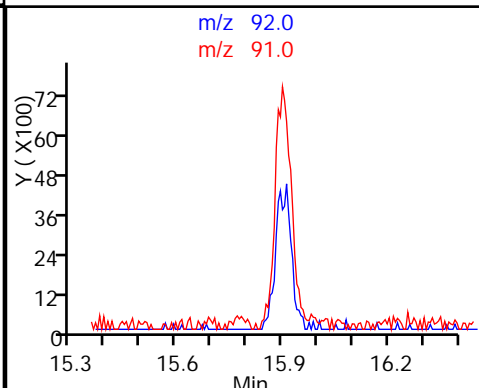
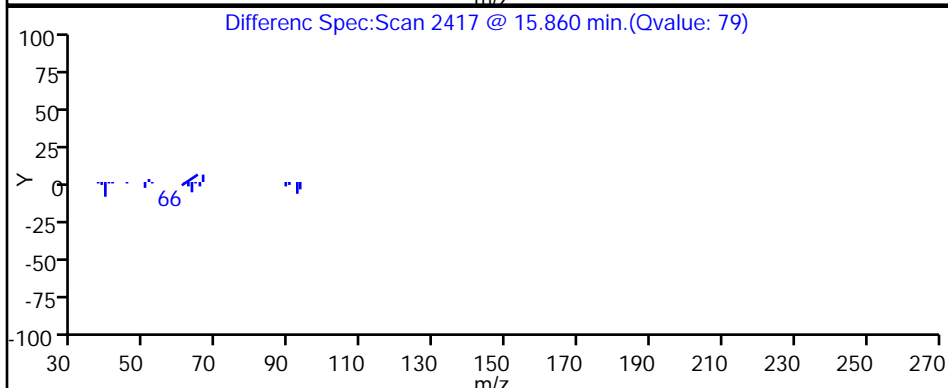
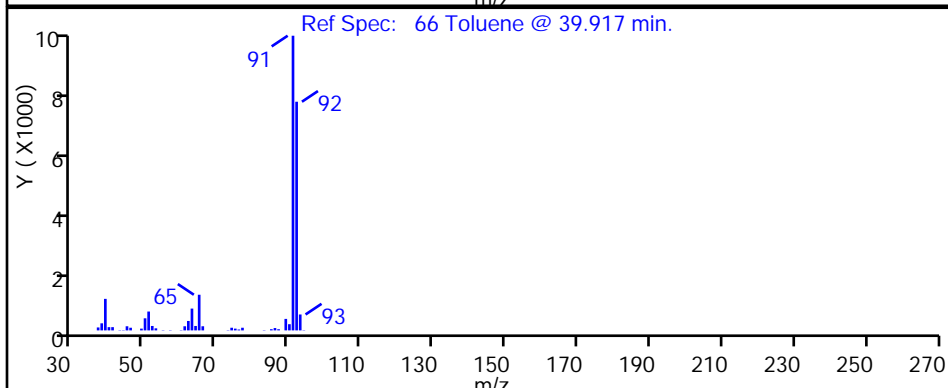
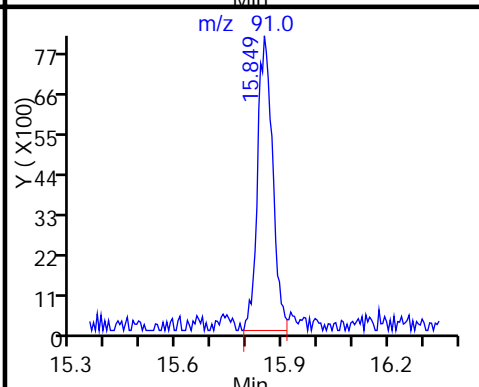
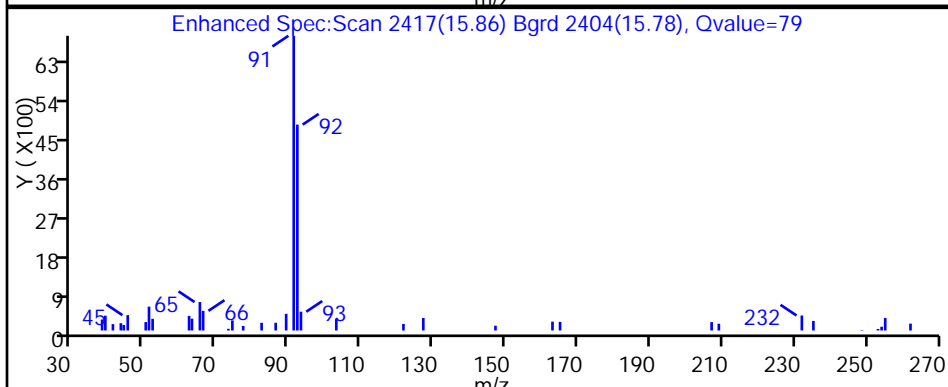
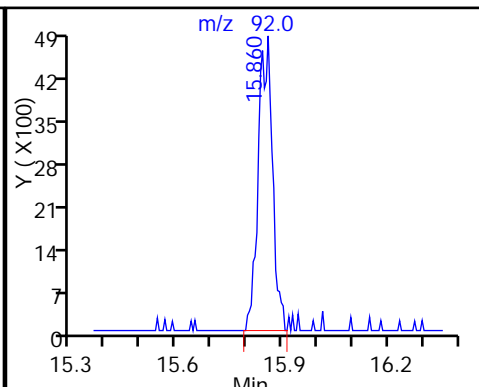
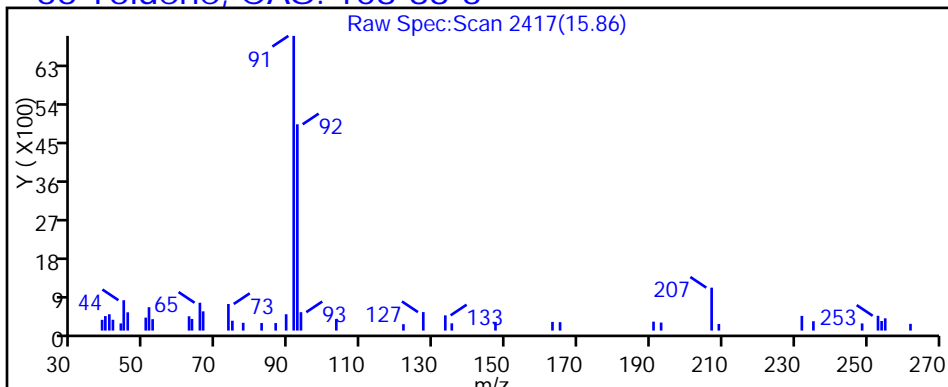
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



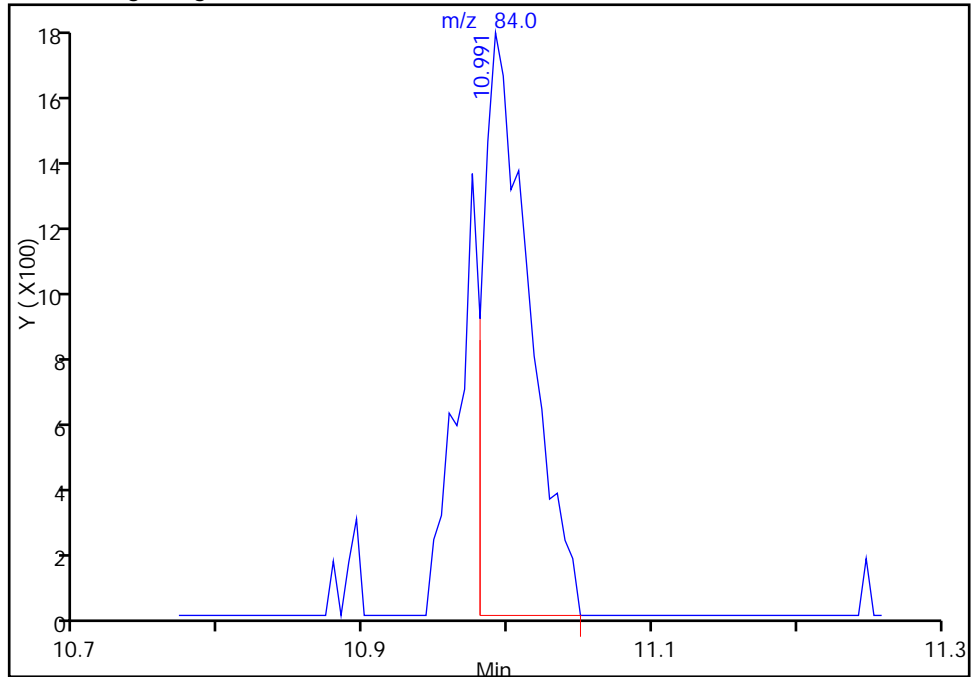
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
Injection Date: 25-Feb-2014 20:57:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
Client ID: IA-VMP-7
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

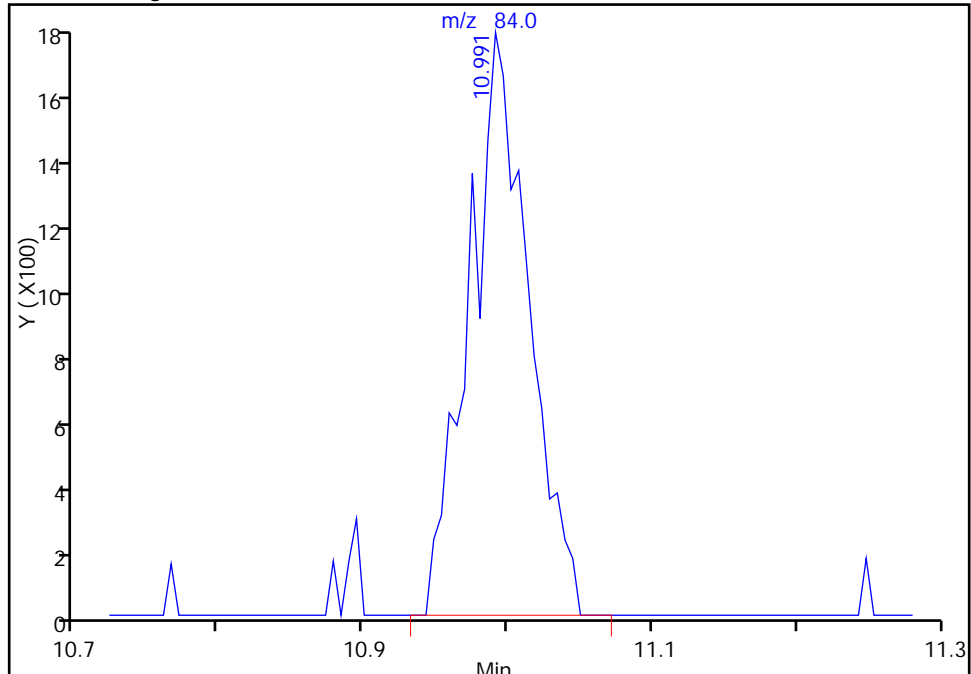
RT: 10.99
Response: 3882
Amount: 0.041436

Processing Integration Results



RT: 10.99
Response: 5097
Amount: 0.054405

Manual Integration Results



Reviewer: lyonsb, 26-Feb-2014 11:37:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

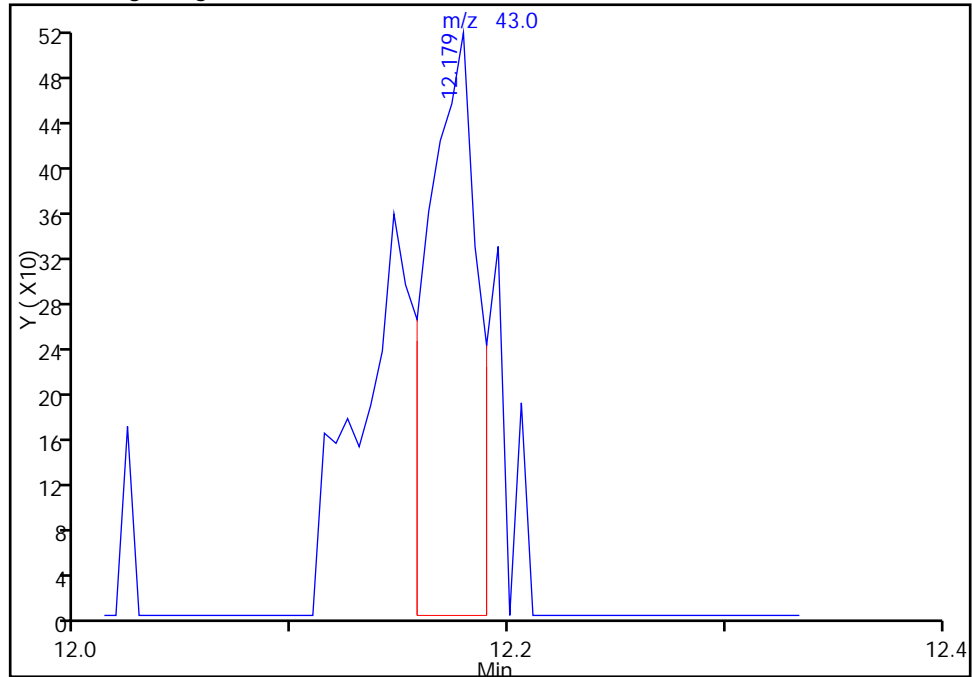
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
Injection Date: 25-Feb-2014 20:57:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
Client ID: IA-VMP-7
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

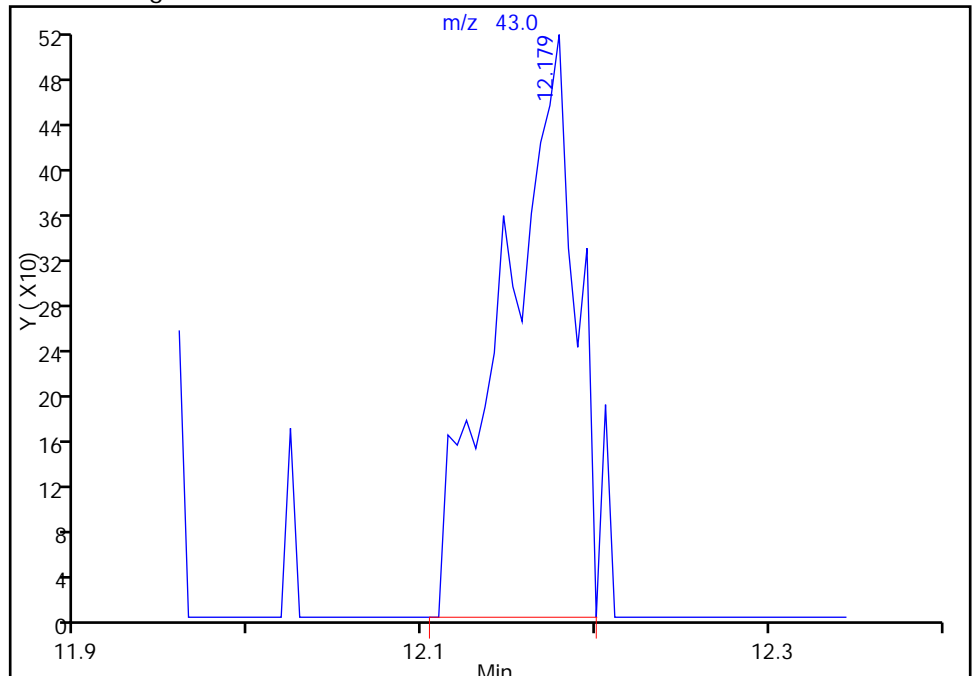
RT: 12.18
Response: 830
Amount: 0.007473

Processing Integration Results



RT: 12.18
Response: 1485
Amount: 0.013370

Manual Integration Results



Reviewer: lyonsb, 26-Feb-2014 11:37:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

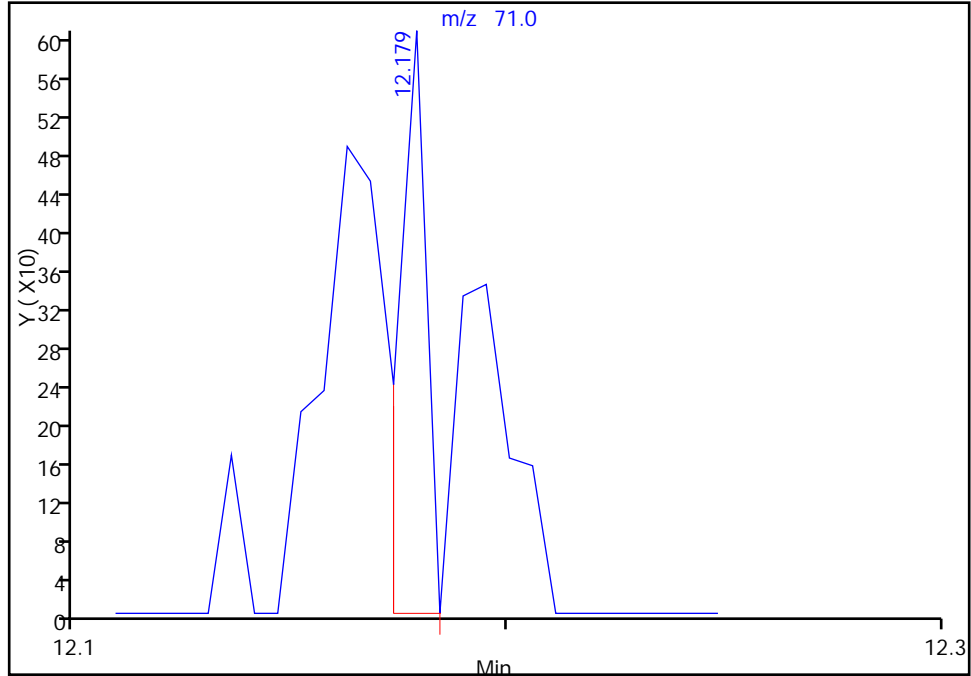
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
Injection Date: 25-Feb-2014 20:57:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
Client ID: IA-VMP-7
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

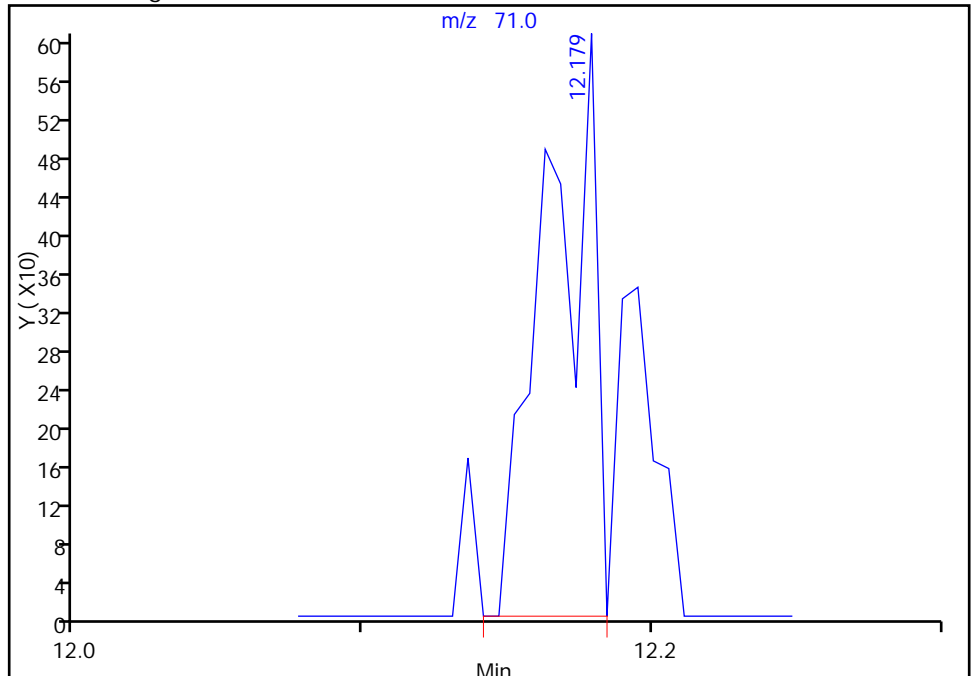
RT: 12.18
Response: 270
Amount: 0.007473

Processing Integration Results



RT: 12.18
Response: 710
Amount: 0.013370

Manual Integration Results



Reviewer: lyonsb, 26-Feb-2014 11:37:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

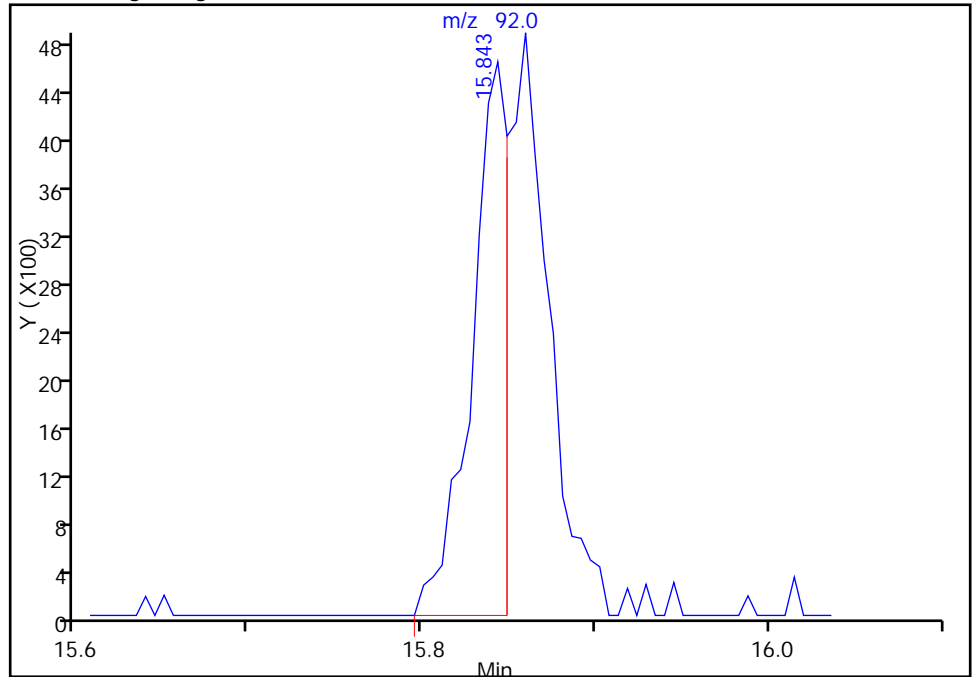
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
Injection Date: 25-Feb-2014 20:57:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
Client ID: IA-VMP-7
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

66 Toluene, CAS: 108-88-3

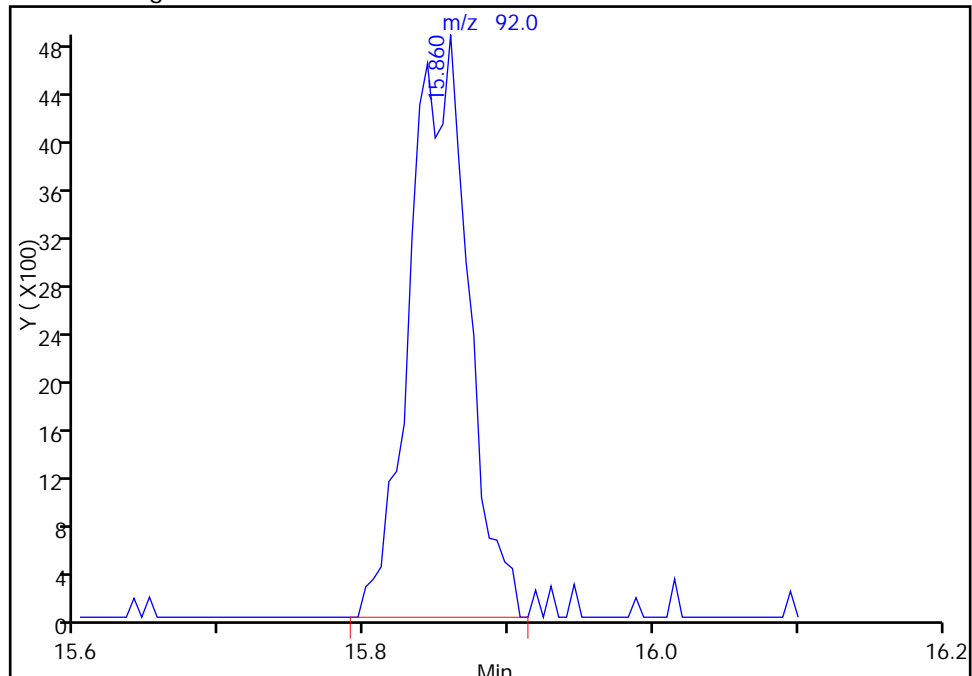
RT: 15.84
Response: 6781
Amount: 0.026734

Processing Integration Results



RT: 15.86
Response: 13659
Amount: 0.053849

Manual Integration Results



Reviewer: lyonsb, 26-Feb-2014 11:37:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

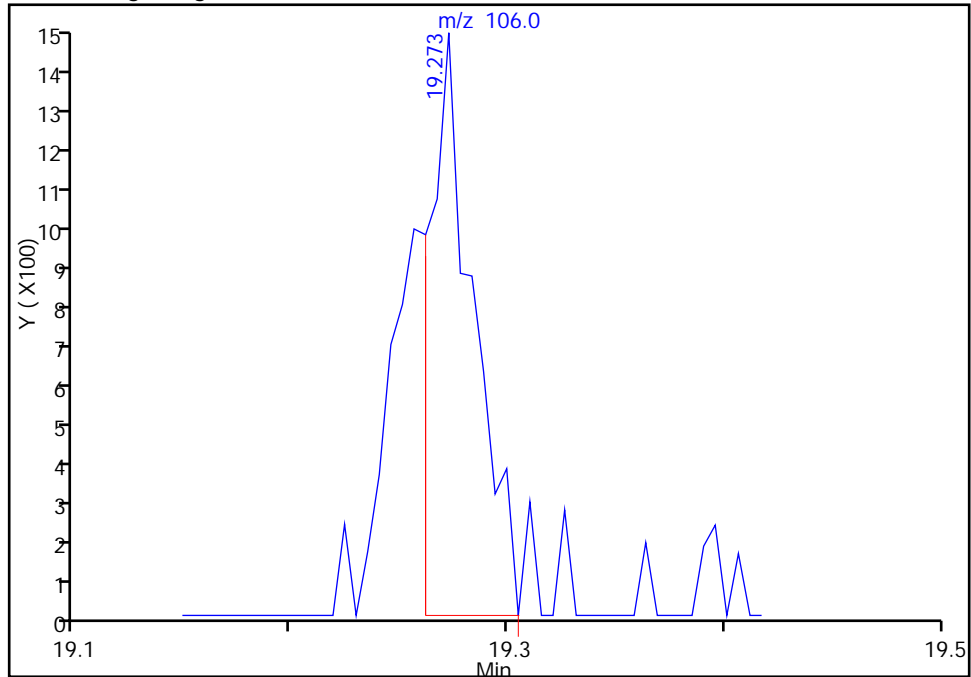
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
Injection Date: 25-Feb-2014 20:57:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
Client ID: IA-VMP-7
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1

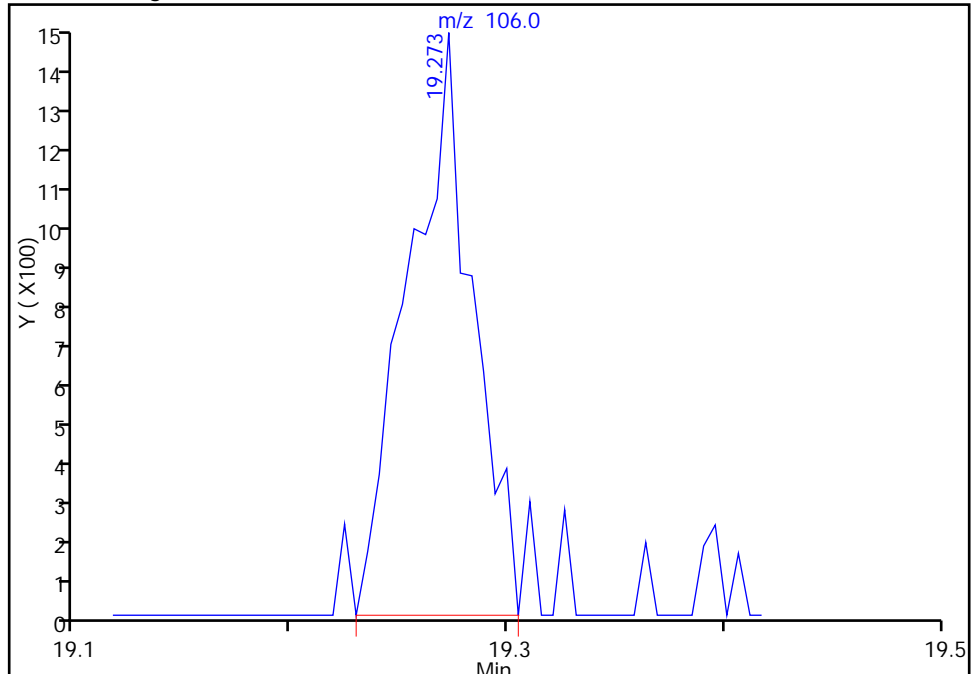
RT: 19.27
Response: 2122
Amount: 0.009851

Processing Integration Results



RT: 19.27
Response: 3089
Amount: 0.014341

Manual Integration Results



Reviewer: lyonsb, 26-Feb-2014 11:37:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

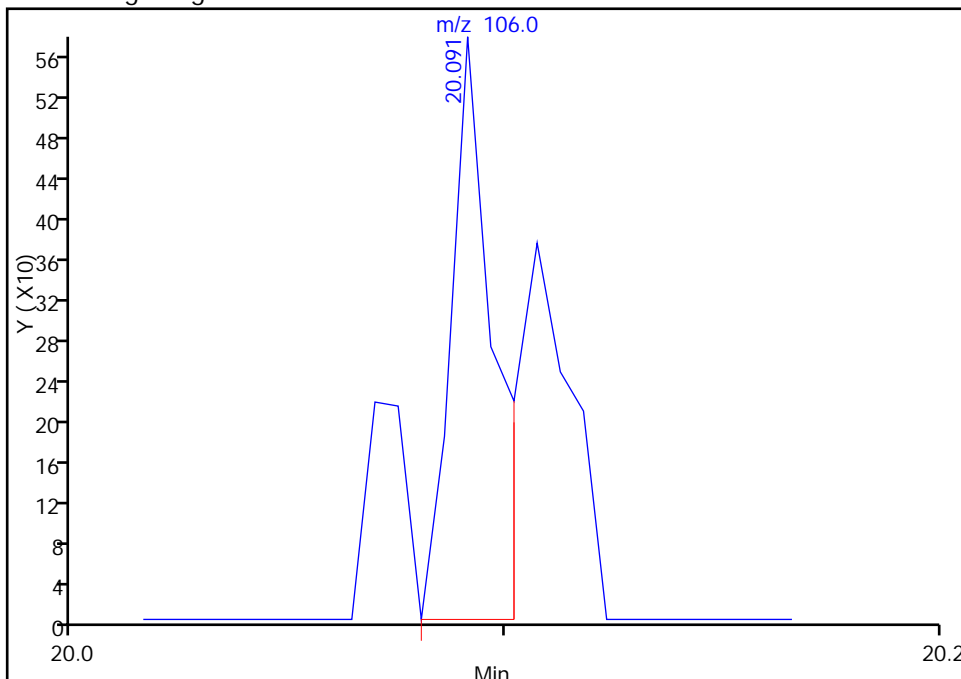
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_010.D
Injection Date: 25-Feb-2014 20:57:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-27 Lab Sample ID: 200-20955-27
Client ID: IA-VMP-7
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6

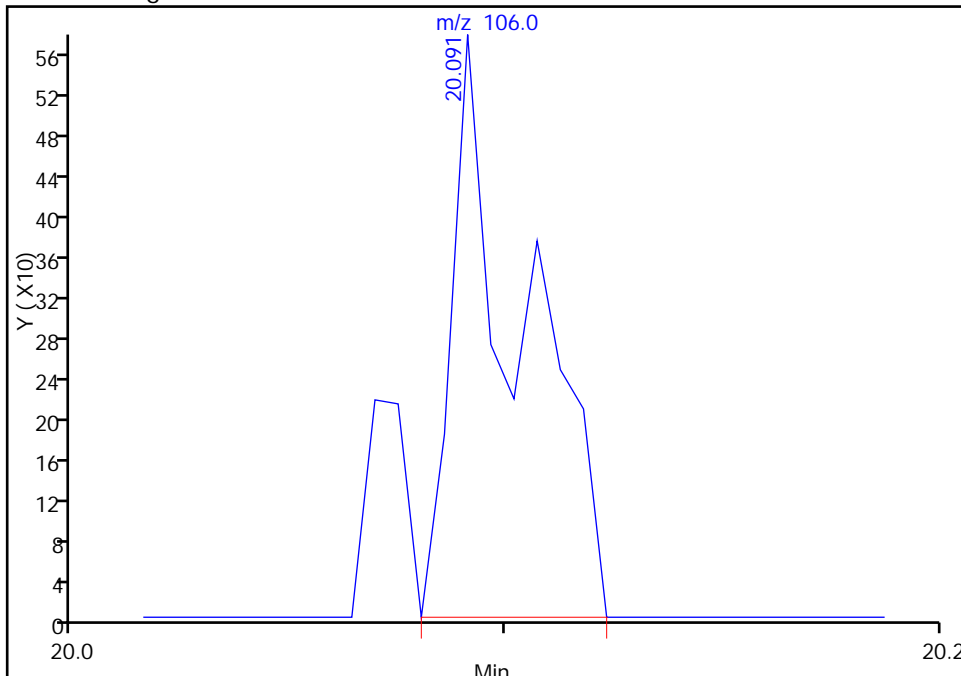
RT: 20.09
Response: 401
Amount: 0.001783

Processing Integration Results



RT: 20.09
Response: 666
Amount: 0.002962

Manual Integration Results



Reviewer: lyonsb, 26-Feb-2014 11:37:49
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-8D Lab Sample ID: 200-20955-29
 Matrix: Air Lab File ID: 6282_008.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:34
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 17:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.47	J	0.50	0.030
75-45-6	Freon 22	86.47	0.24	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.53		0.50	0.14
106-97-8	n-Butane	58.12	7.2		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.13	J	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.22		0.20	0.030
76-13-1	Freon 113	187.38	0.064	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	8.5		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	8.9		5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.38	J	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.16	J	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	1.8		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.042		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.31		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-8D Lab Sample ID: 200-20955-29
 Matrix: Air Lab File ID: 6282_008.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:34
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 17:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.29	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	2.1		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.054	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.15	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.055	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.21		0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.091	J	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-8D Lab Sample ID: 200-20955-29
 Matrix: Air Lab File ID: 6282_008.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:34
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 17:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-8D Lab Sample ID: 200-20955-29
 Matrix: Air Lab File ID: 6282_008.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:34
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 17:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.3	J	2.5	0.15
75-45-6	Freon 22	86.47	0.84	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.1		1.0	0.28
106-97-8	n-Butane	58.12	17		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.30	J	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.2		1.1	0.17
76-13-1	Freon 113	187.38	0.49	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	20		12	3.0
67-63-0	Isopropyl alcohol	60.10	22		12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.3	J	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.58	J	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	5.3		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.26		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	1.0		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-8D Lab Sample ID: 200-20955-29
 Matrix: Air Lab File ID: 6282_008.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:34
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 17:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	1.2	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	8.0		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.24	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.64	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.24	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.89		0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	0.50	J	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-VMP-8D Lab Sample ID: 200-20955-29
 Matrix: Air Lab File ID: 6282_008.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:34
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 17:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d
 Lims ID: 200-20955-A-29 Lab Sample ID: 200-20955-29
 Client ID: IA-VMP-8D
 Sample Type: Client
 Inject. Date: 24-Feb-2014 17:31:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-008
 Misc. Info.: 200-20955-a-28
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:08:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.474	4.463	0.011	88	93054	0.4737	
6 Chlorodifluoromethane	51	4.544	4.528	0.016	66	17628	0.2369	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50	5.025	5.009	0.016	99	17837	0.5275	
9 Butane	43	5.292	5.276	0.016	96	396836	7.24	
10 Vinyl chloride	62		5.335					
11 Butadiene	54	5.448	5.432	0.016	65	3995	0.1335	
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101	7.213	7.181	0.032	81	47768	0.2170	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.449	8.433	0.016	76	8794	0.0638	
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.770	8.743	0.027	87	531760	8.53	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.064	9.027	0.037	97	462497	8.85	
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.743	9.727	0.016	76	16401	0.3777	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.658	10.648	0.010	74	9878	0.1643	
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.402	12.386	0.016	96	47448	1.80	
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.862	12.857	0.005	69	429480	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84		13.258					
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	48		117	13.542	13.531	0.011	76	8227	0.0416	
	51		57		13.922					
	50		78	13.986	13.980	0.006	92	56332	0.3120	
	52		62		14.141					
	53		43		14.269					
*	54		114	14.751	14.745	0.006	92	2071911	10.0	
	56		95		15.206					
	58		63		15.730					
	59		69	15.826	15.810	0.016	90	16327	0.2864	
	60		88		15.901					
	62		83		16.217					
	64		75		17.083					
	65		43		17.319					
	66		92	17.661	17.656	0.005	93	278683	2.12	
	70		75		18.191					
	71		83		18.554					
	72		166		18.699					
	73		43		18.945					
	74		129		19.314					
	75		107		19.598					
S	82		106				0		0.2026	7
*	76		117	20.443	20.443	0.0	82	1815913	10.0	
	77		112		20.496					
	78		91	20.619	20.614	0.005	80	16706	0.0543	
	80		106	20.828	20.833	-0.005	98	18284	0.1473	
	83		106	21.550	21.545	0.005	84	6470	0.0552	
	84		104		21.582					
	85		173		21.957					
\$	87		95	22.444	22.444	0.0	97	1127743	NC	
	88		83		22.668					
	90		91		22.743					
	91		105		22.909					
	92		91		22.941					
	94		105		23.000					
	96		119		23.476					
	97		105		23.567					
	98		105		23.808					
	99		119	24.016	24.011	0.005	82	38996	0.0909	
	100		146		24.081					
	101		146		24.225					
	102		91		24.434					
	103		91		24.648					
	105		146		24.830					
	107		180		27.729					
	108		225		27.932					
	109		128		28.312					

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Worklist Smp#: 8

Client ID: IA-VMP-8D

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

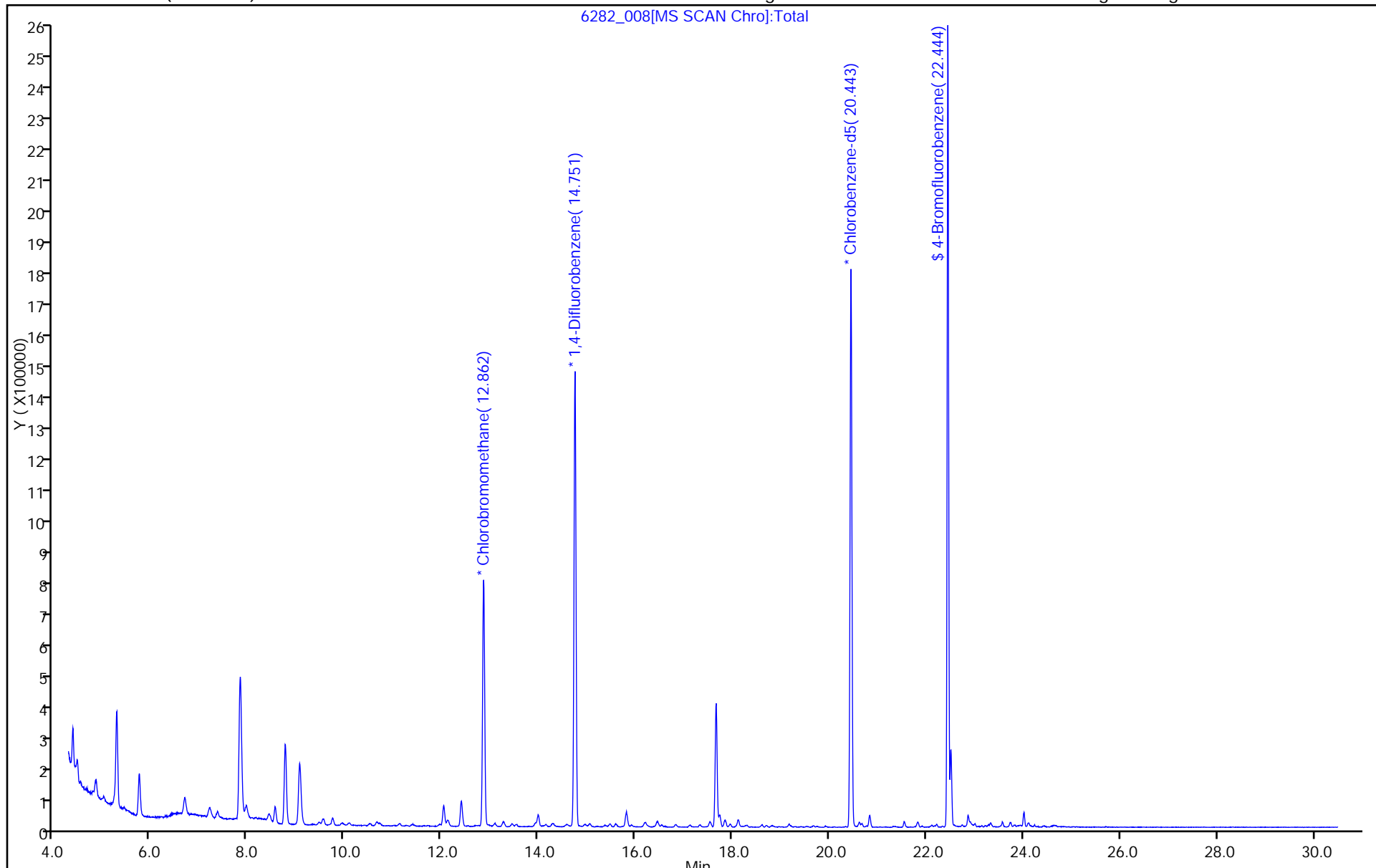
ALS Bottle#: 7

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

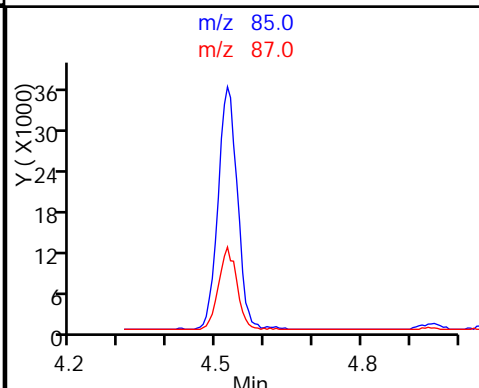
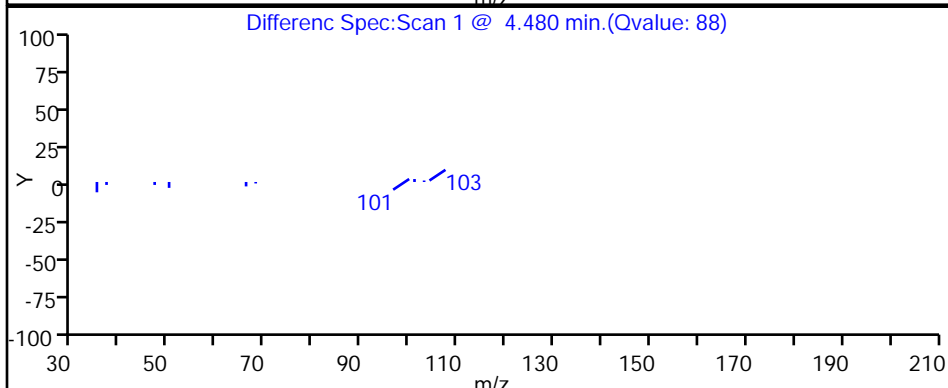
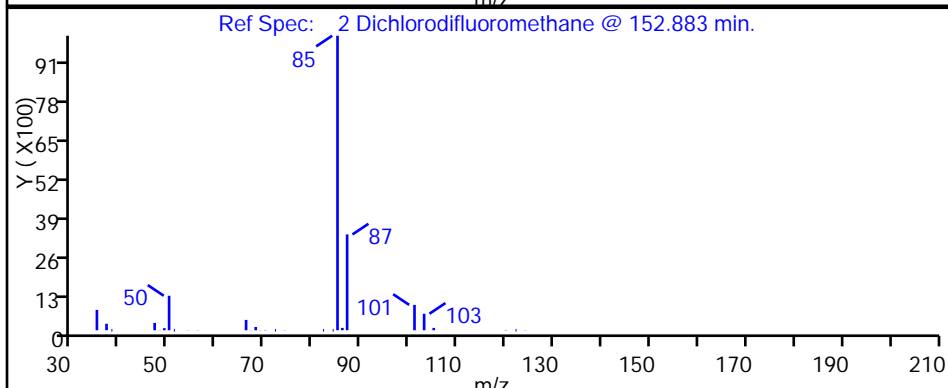
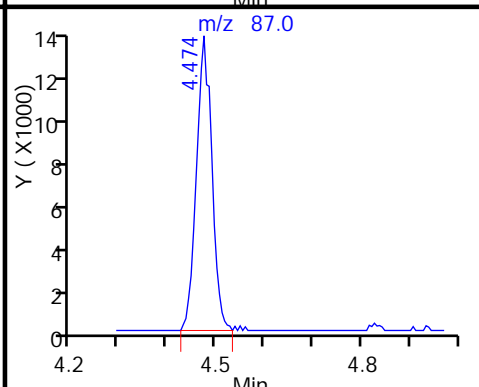
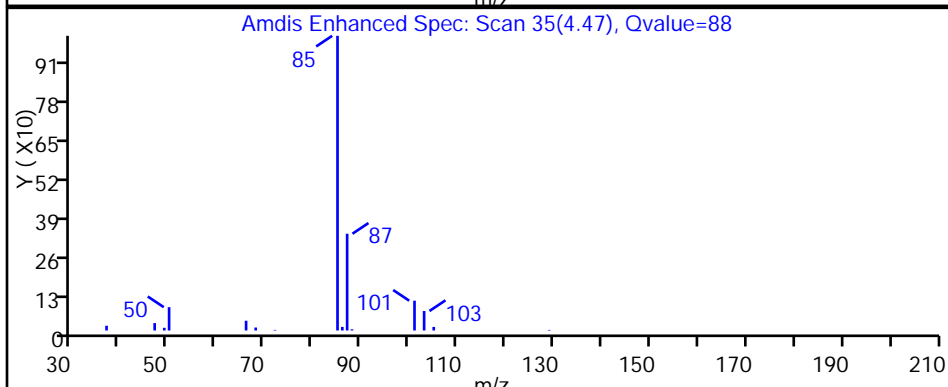
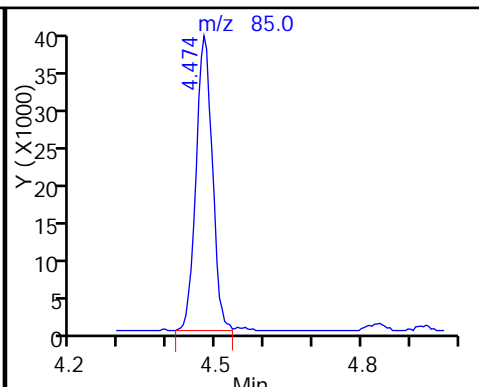
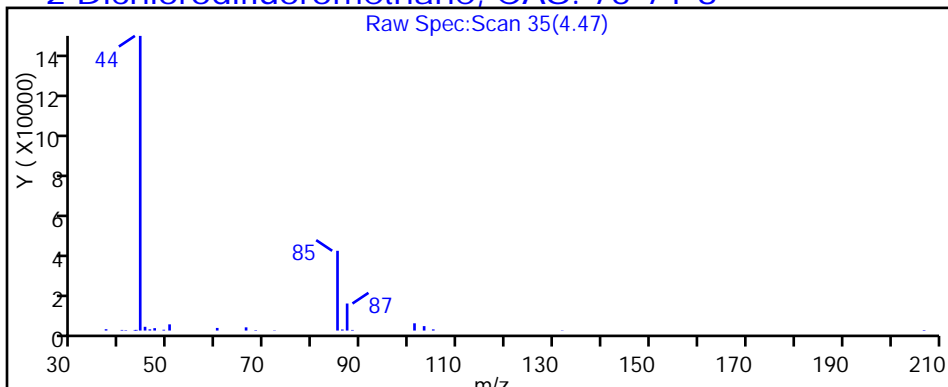
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

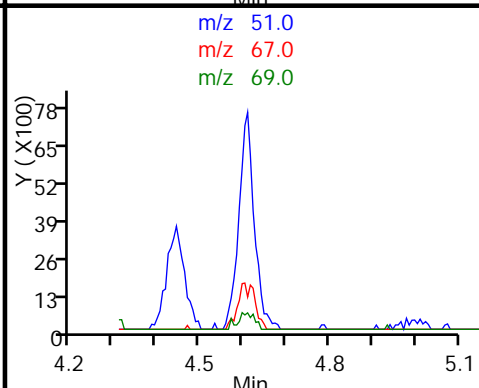
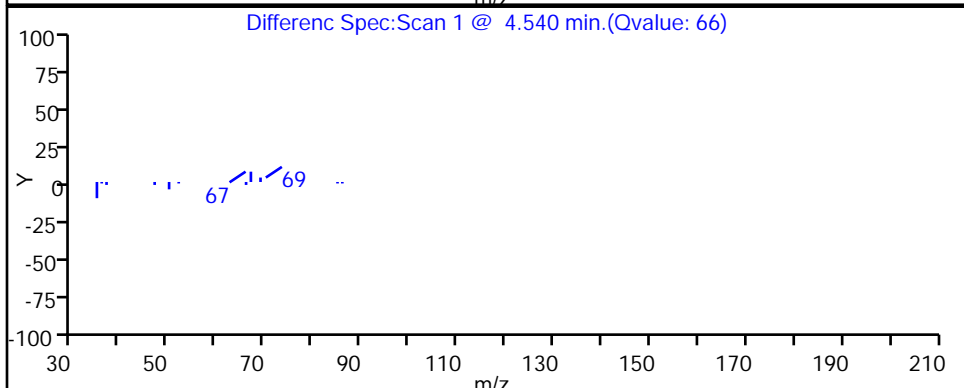
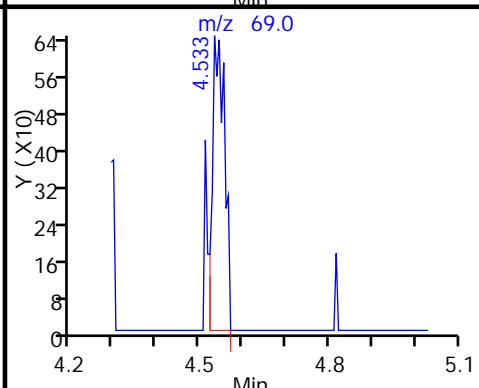
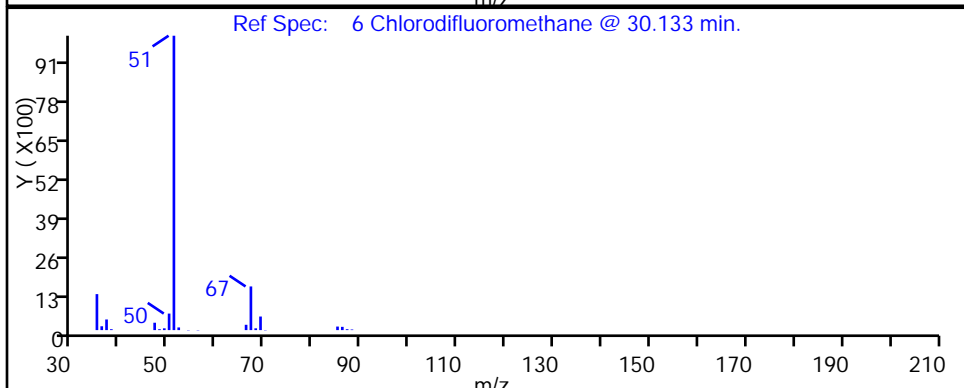
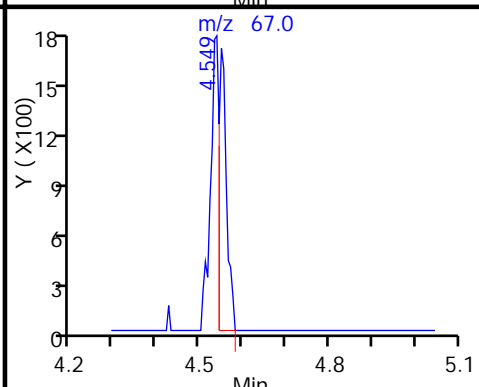
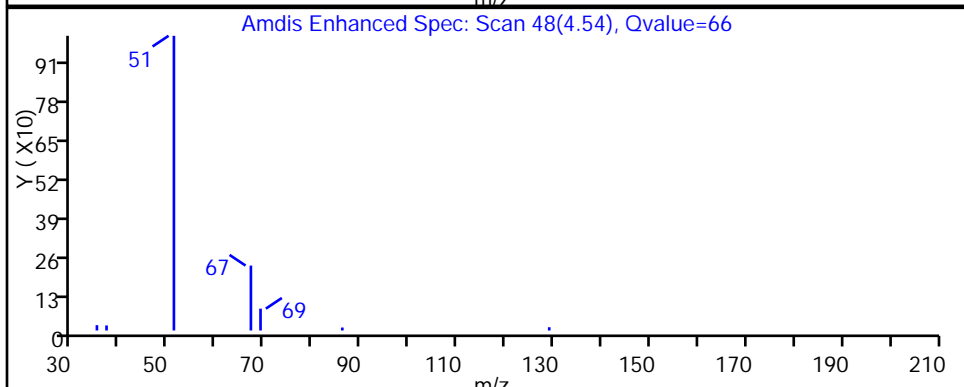
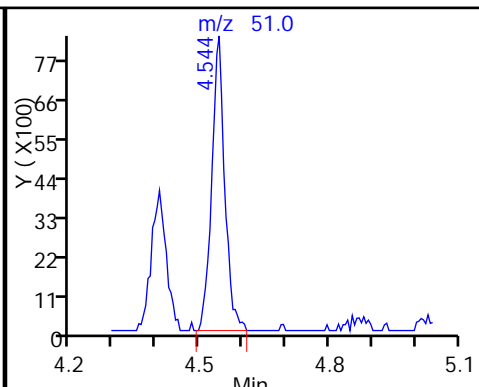
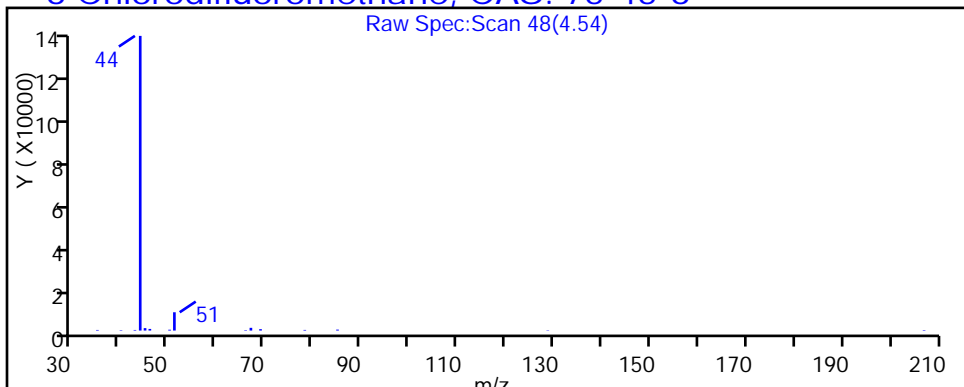
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

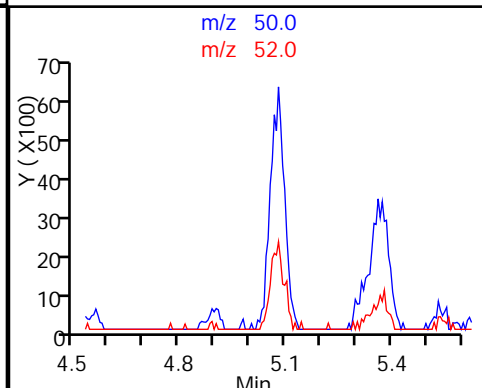
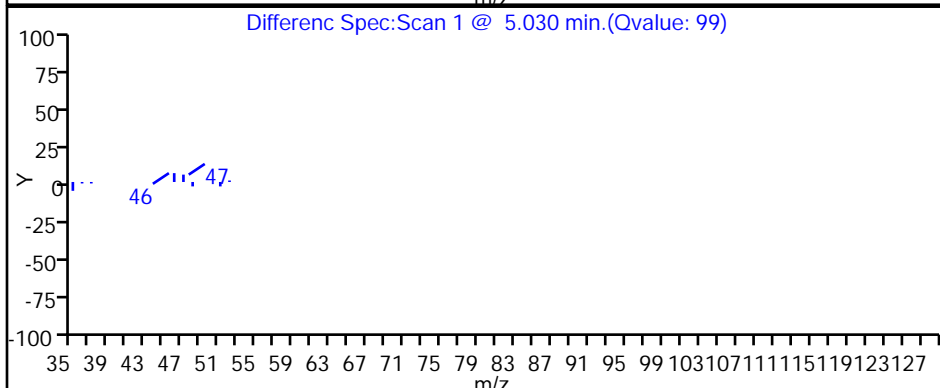
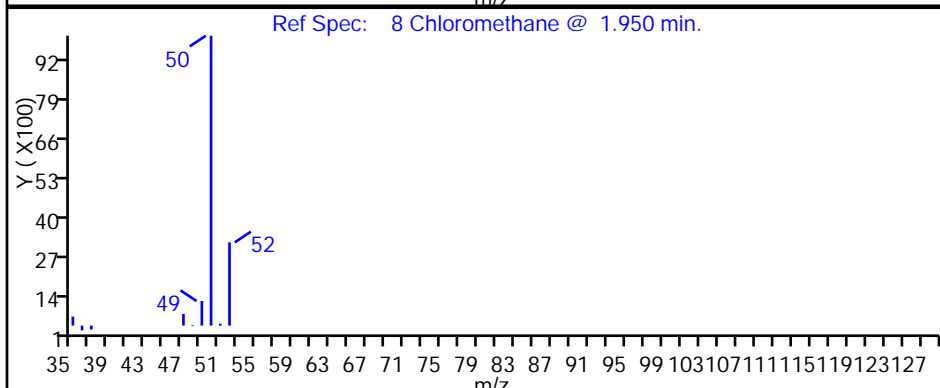
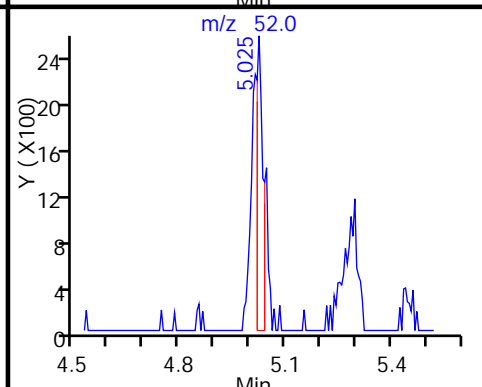
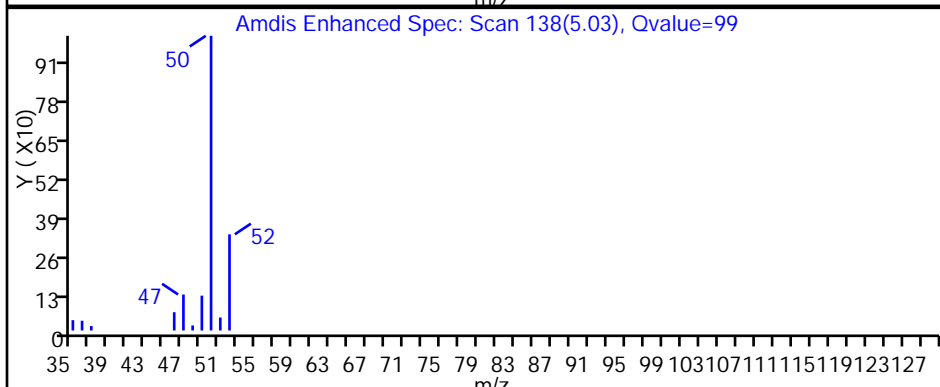
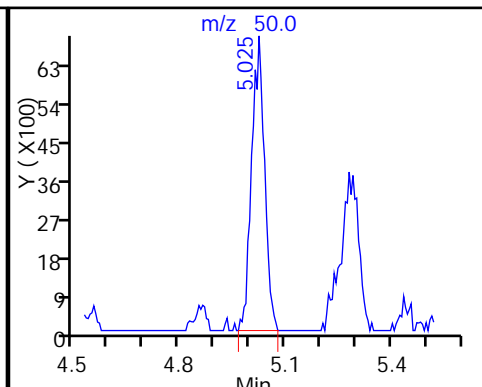
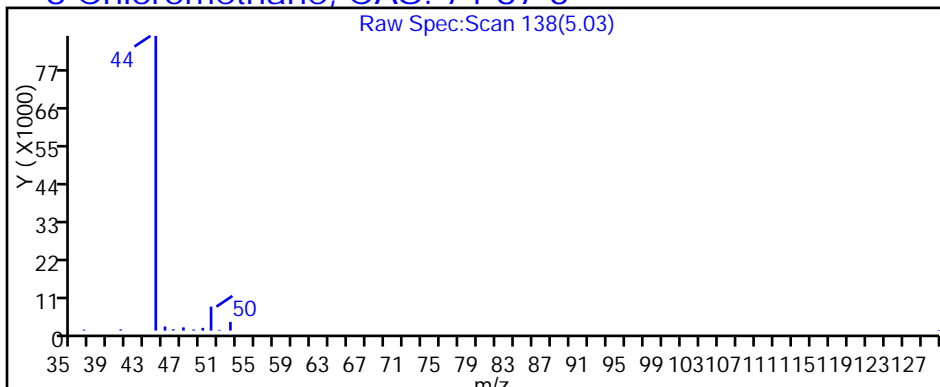
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

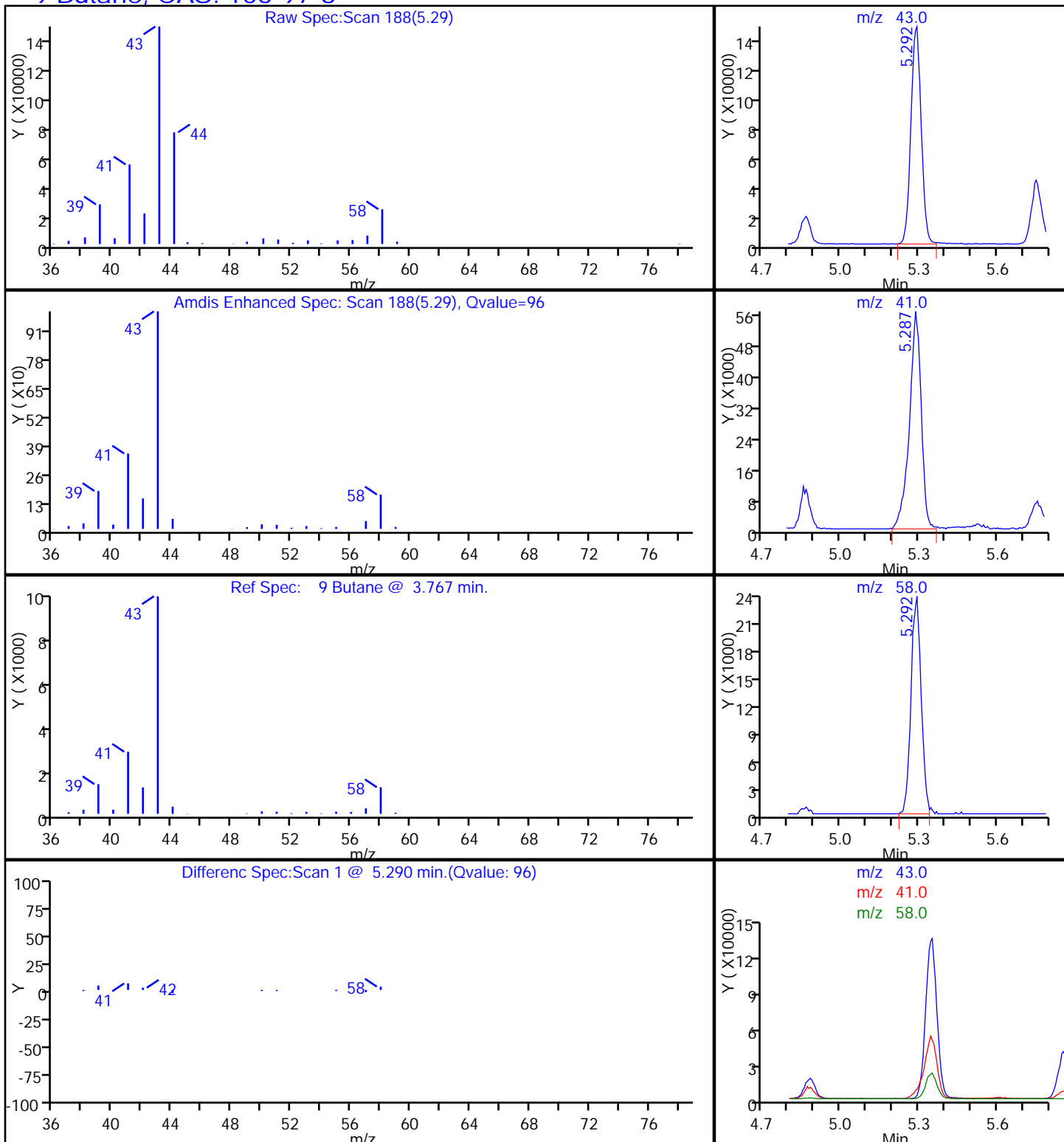
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

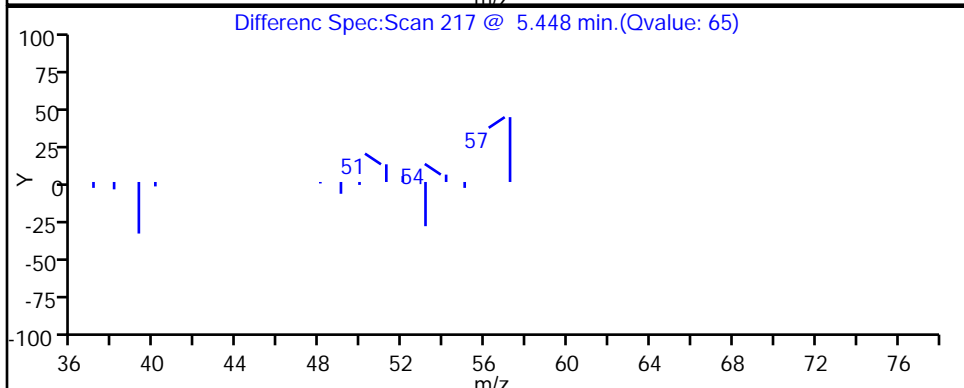
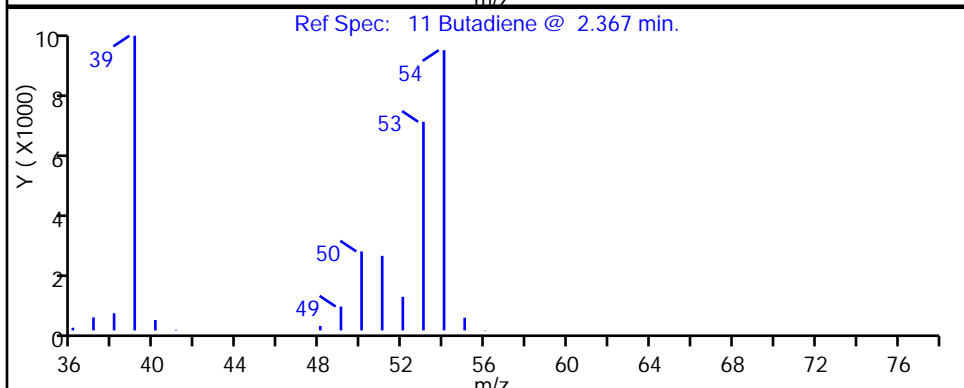
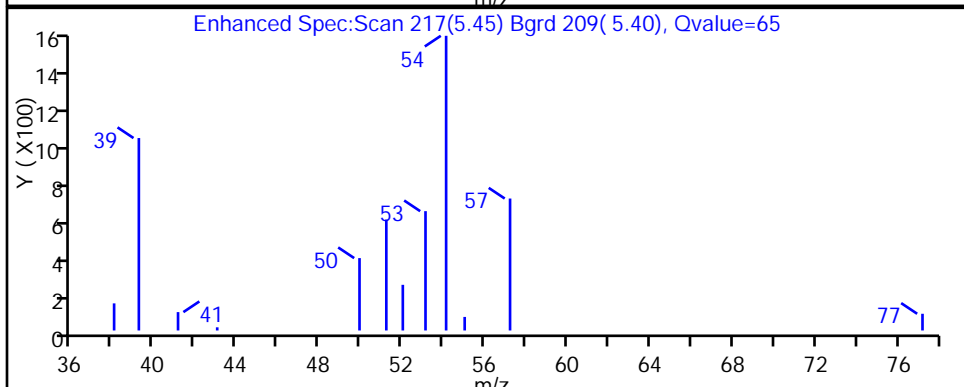
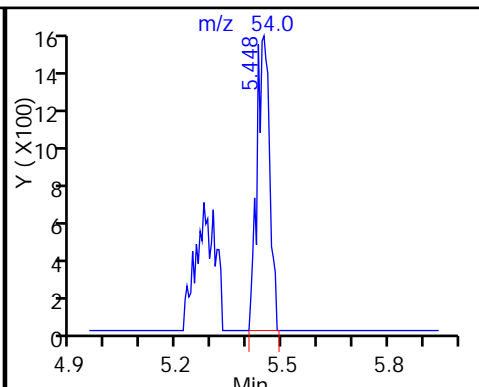
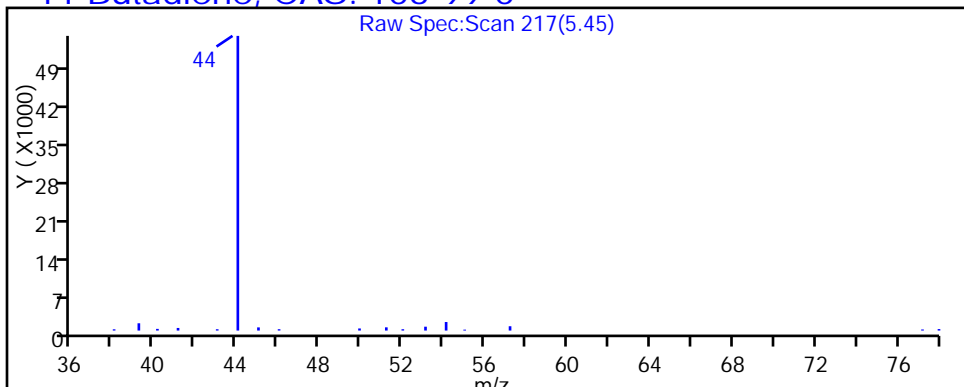
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

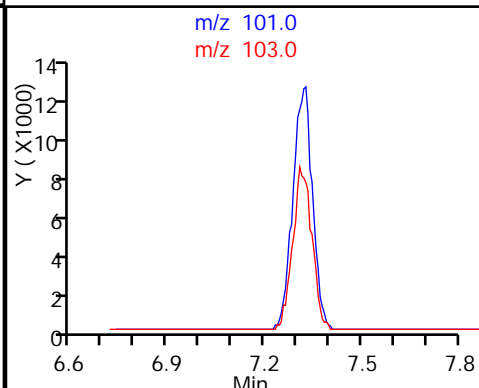
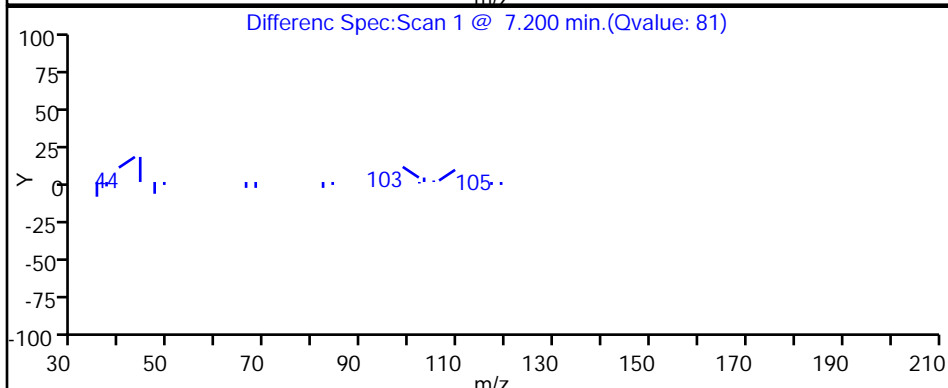
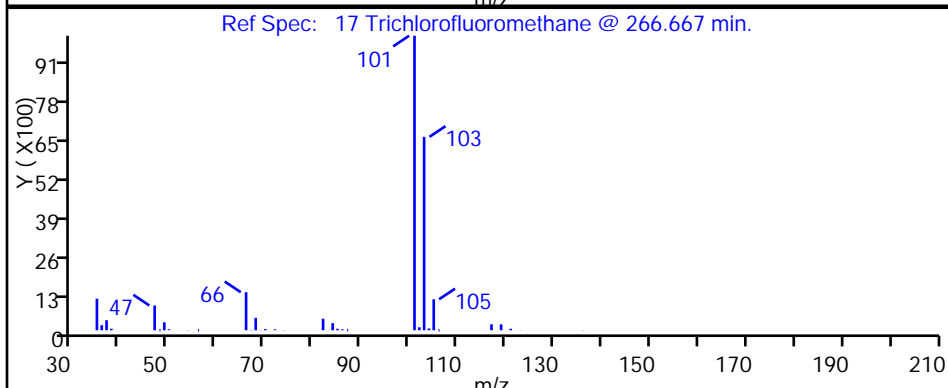
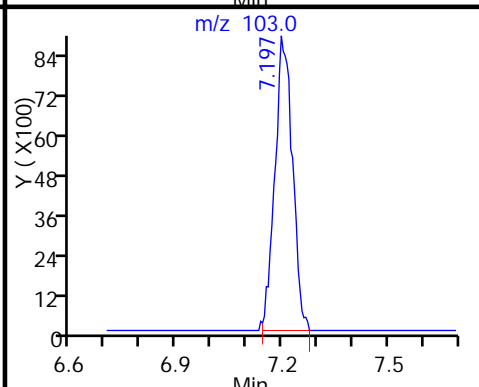
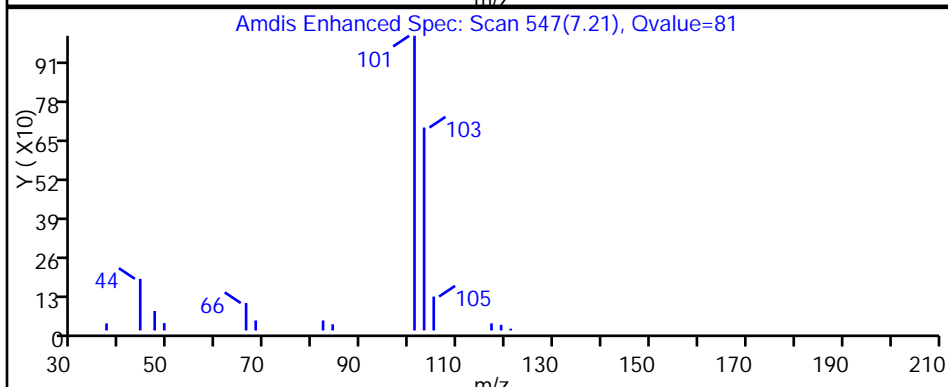
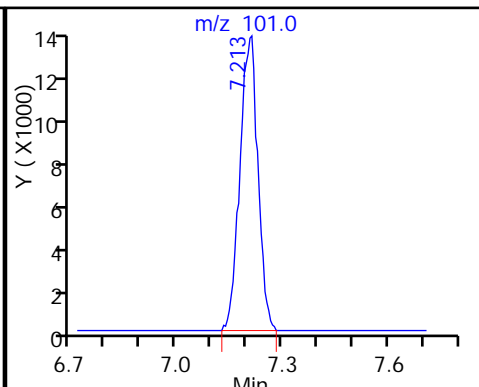
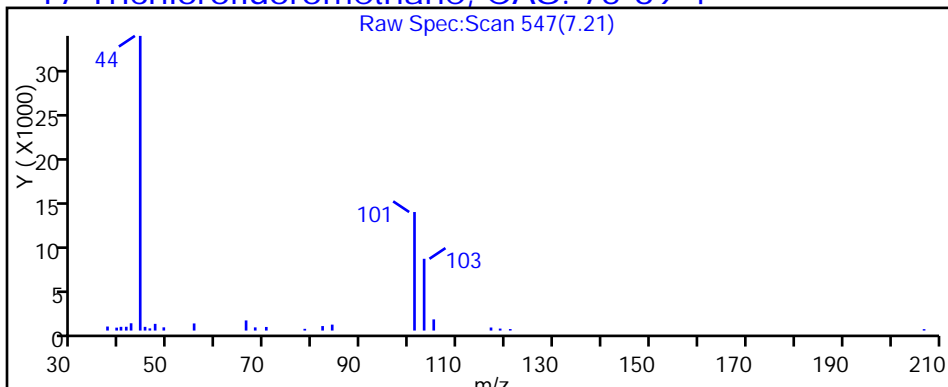
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

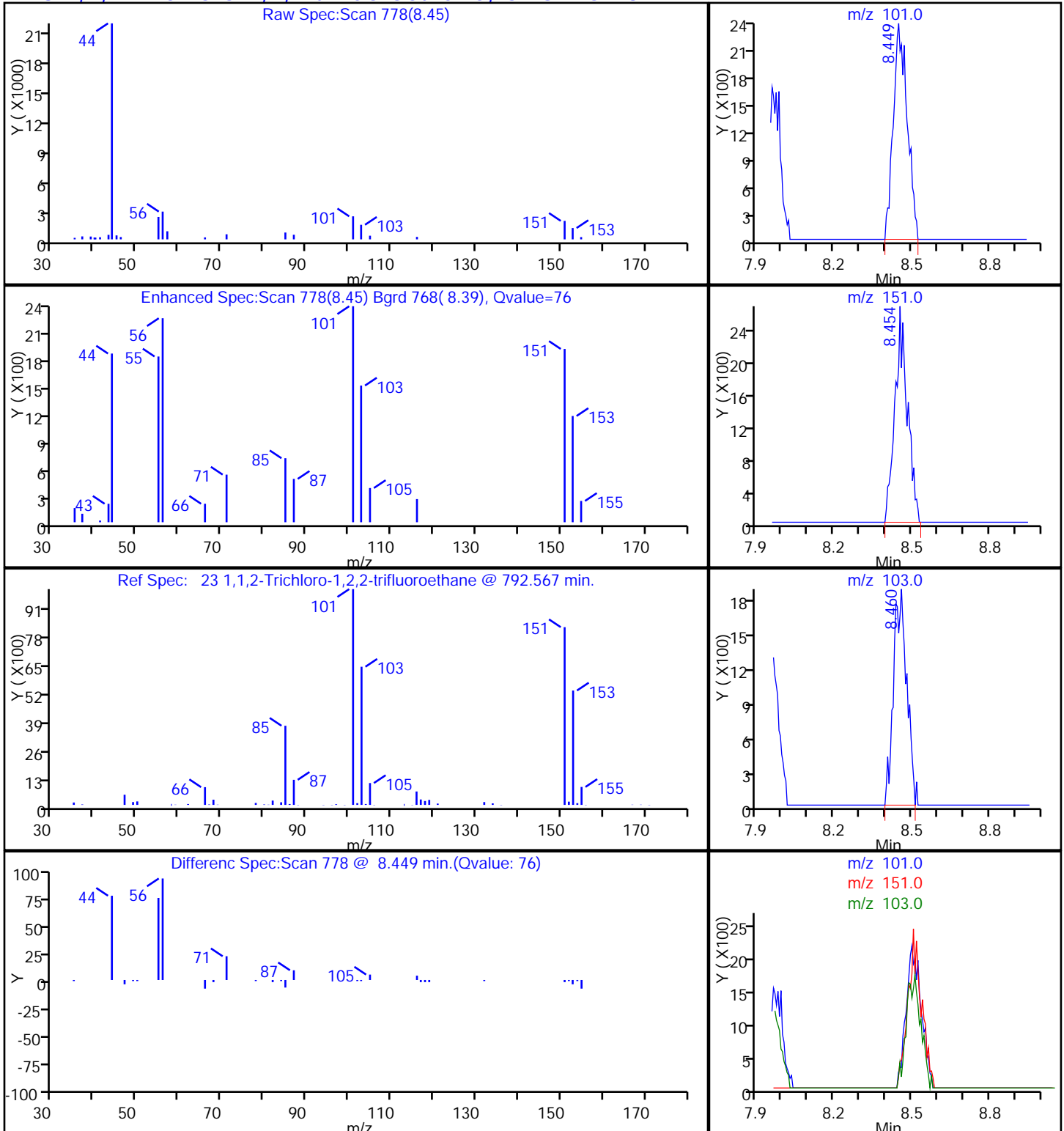
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

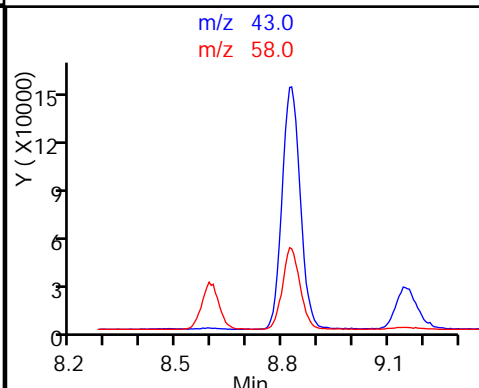
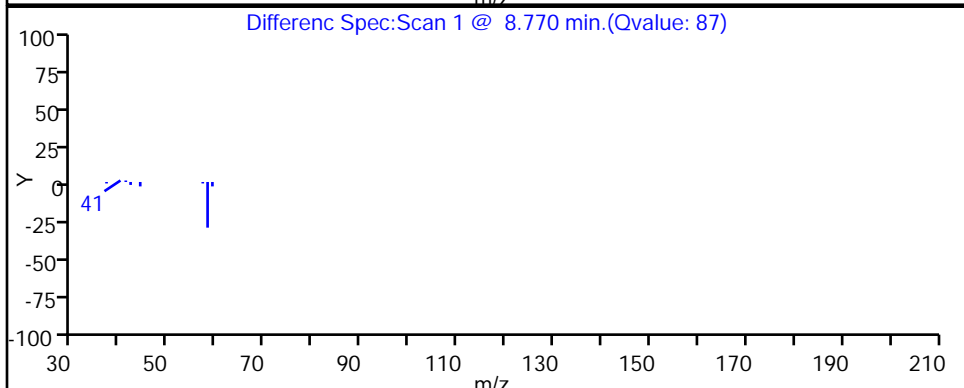
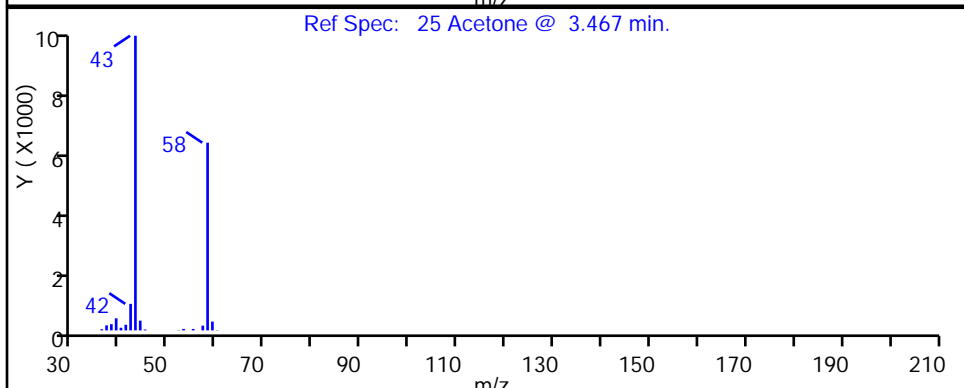
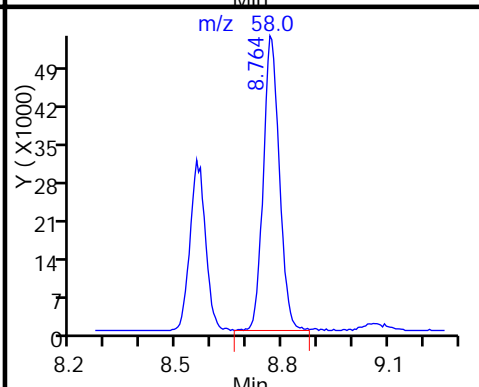
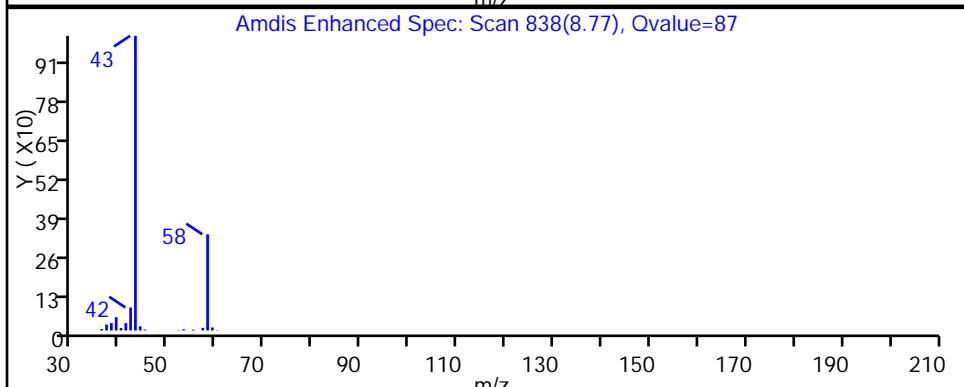
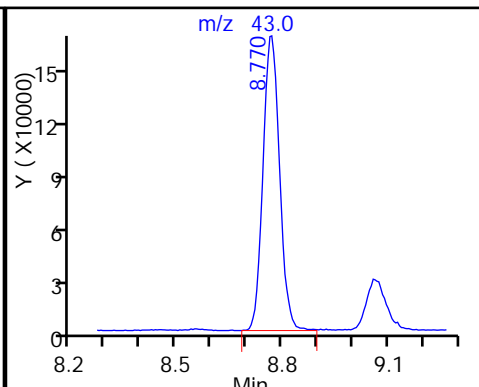
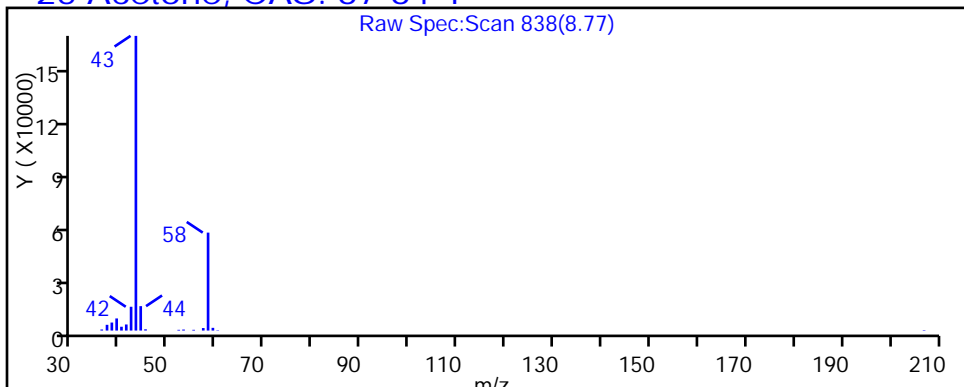
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

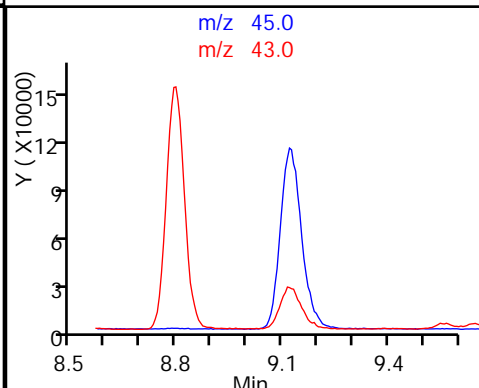
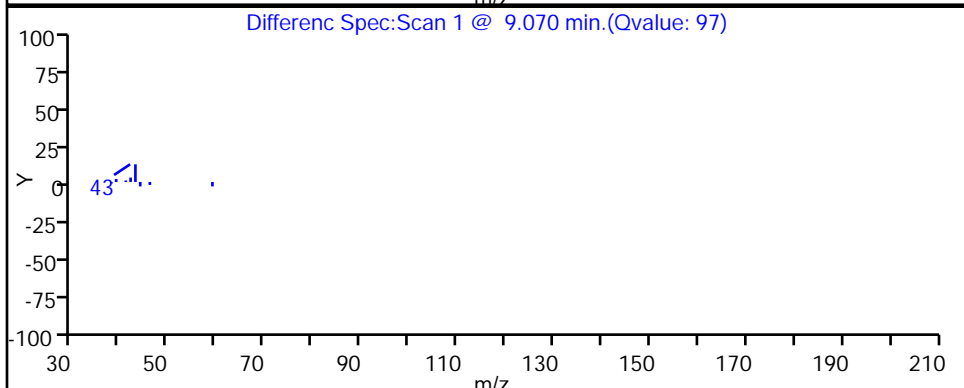
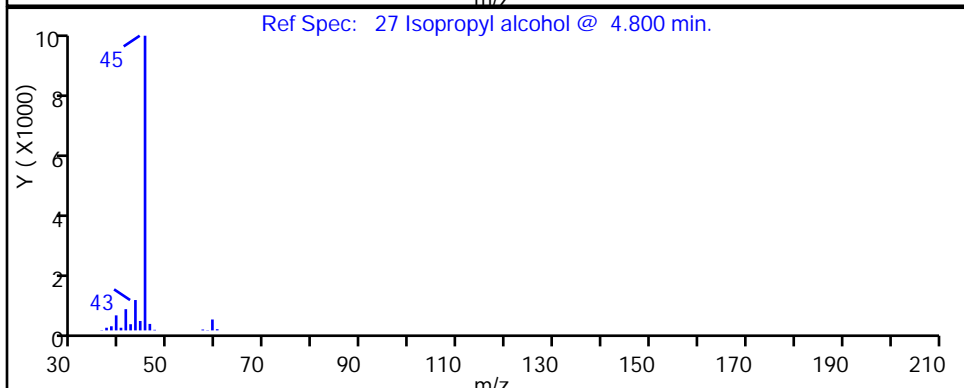
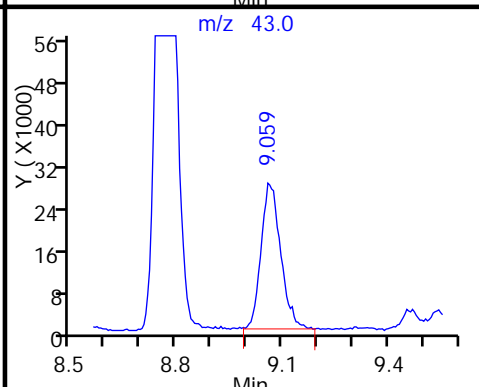
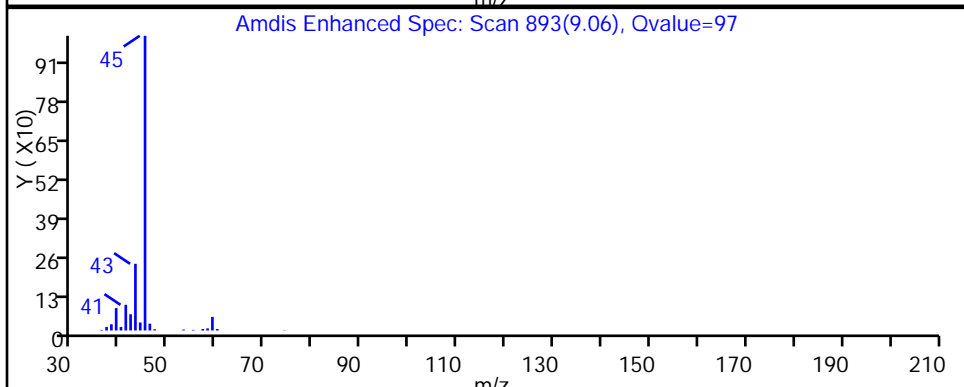
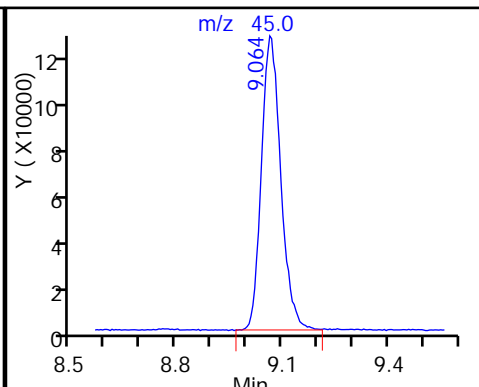
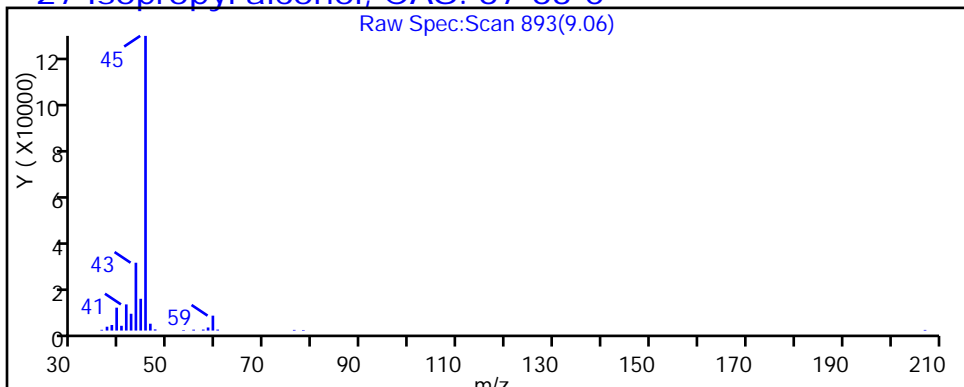
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

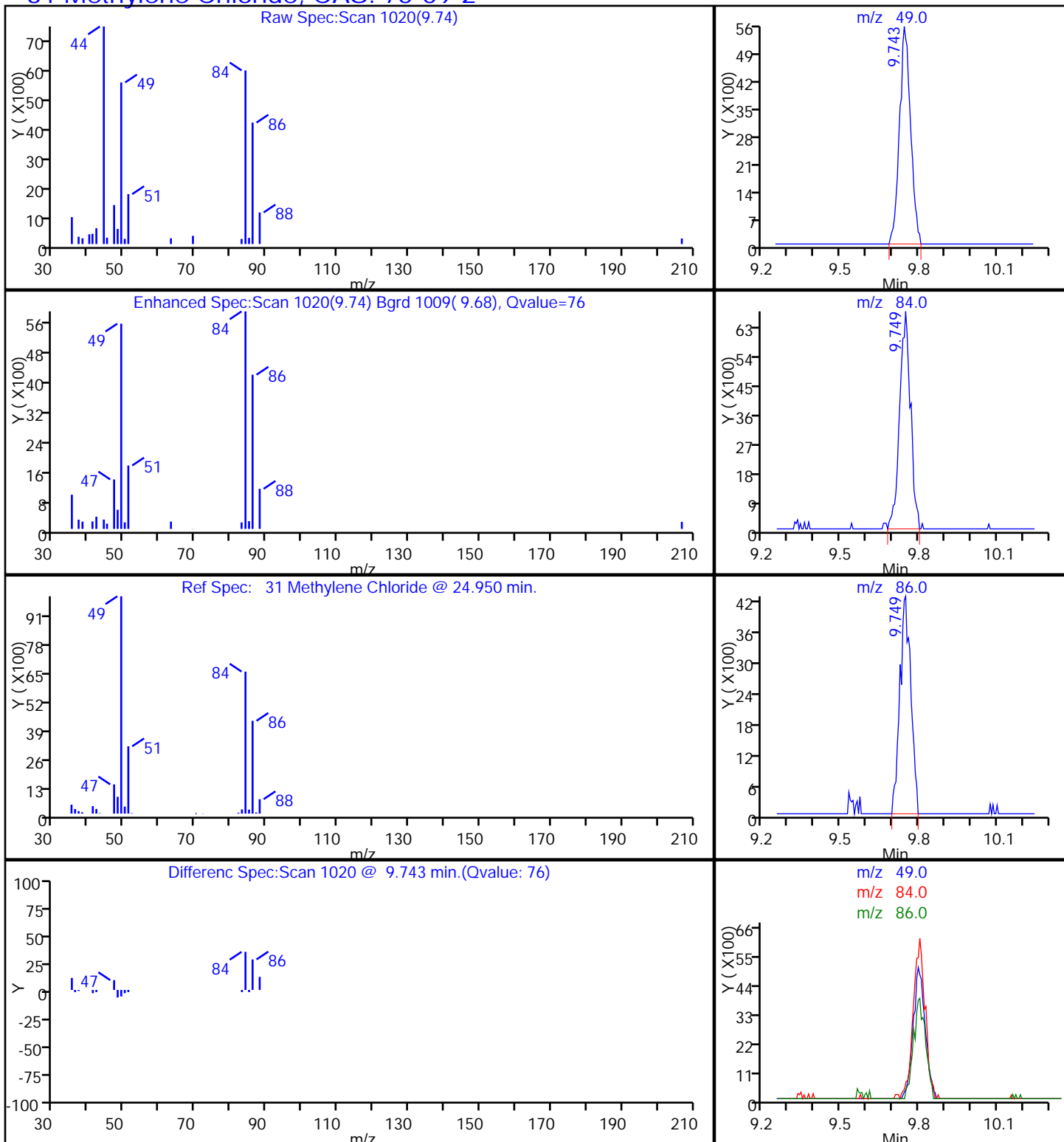
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

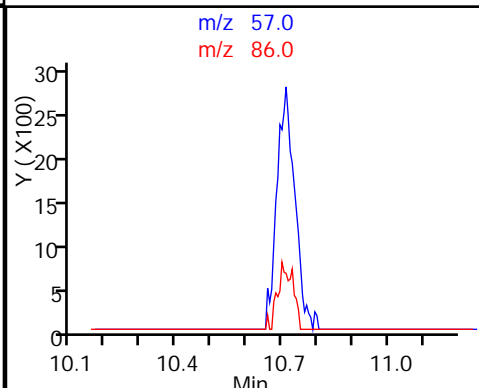
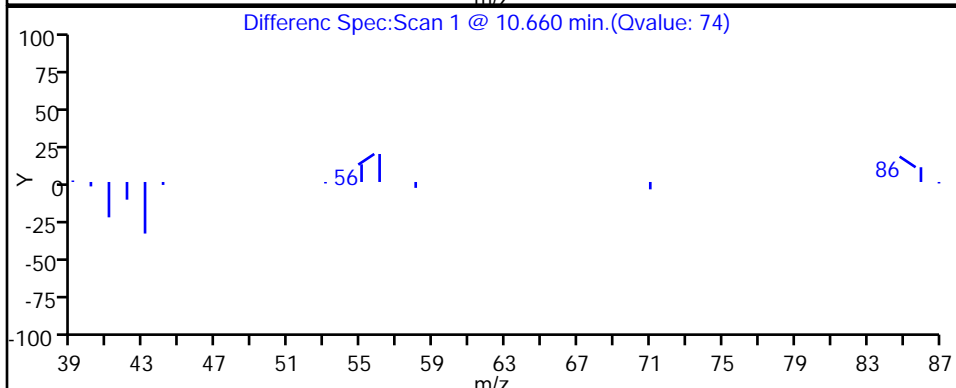
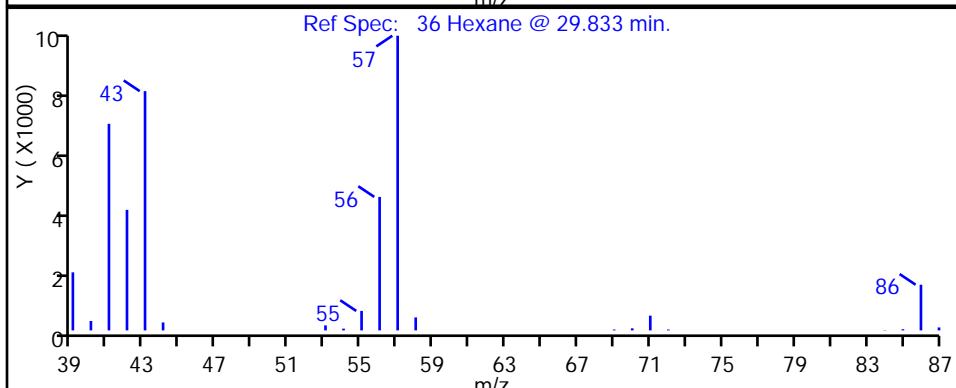
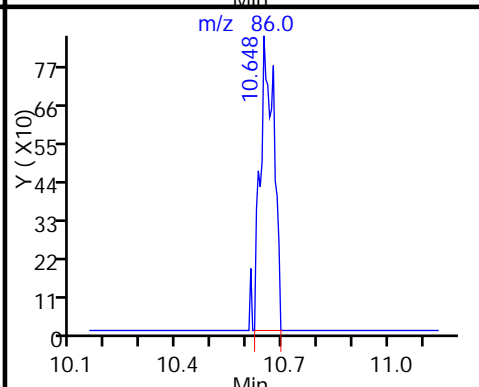
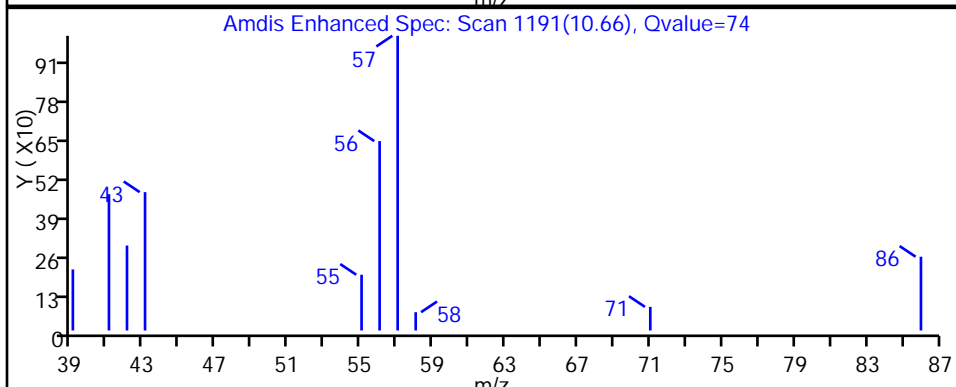
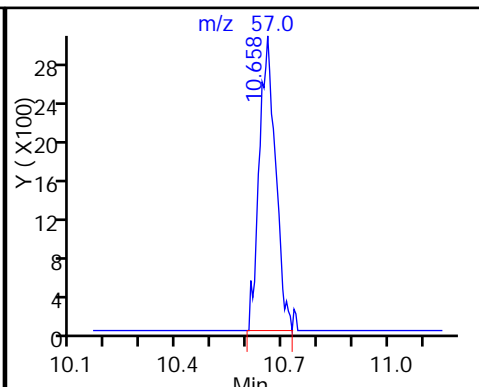
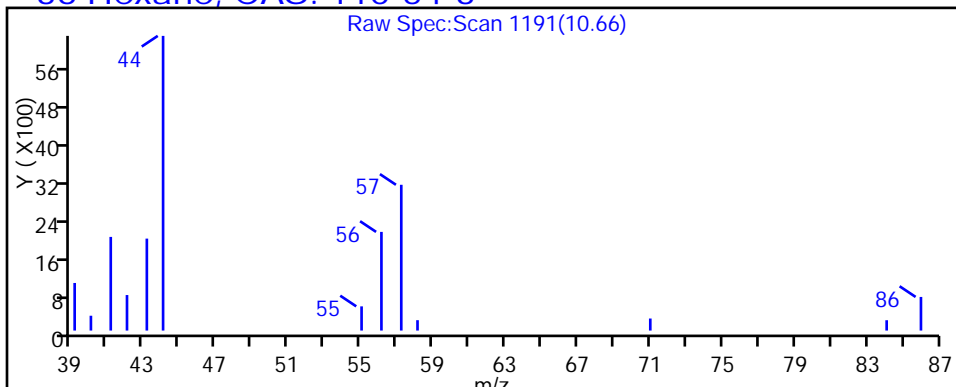
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

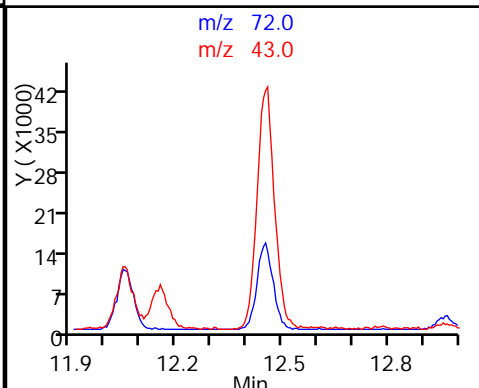
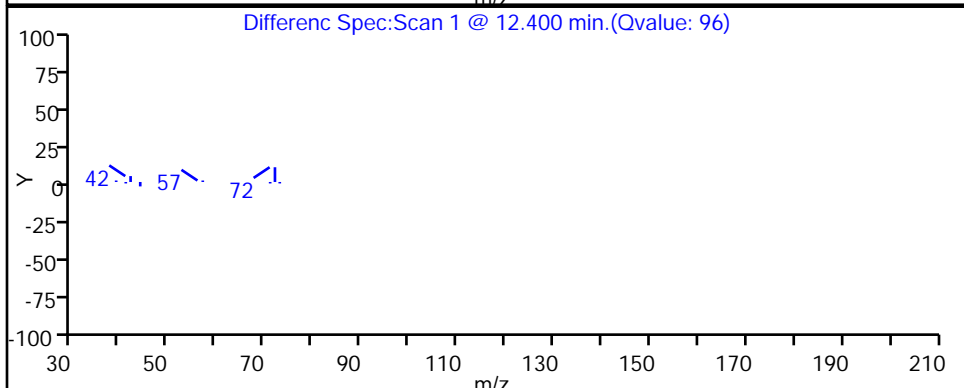
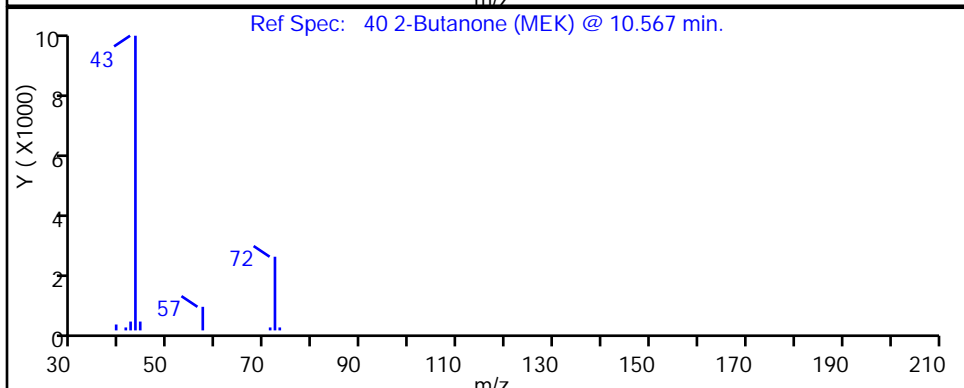
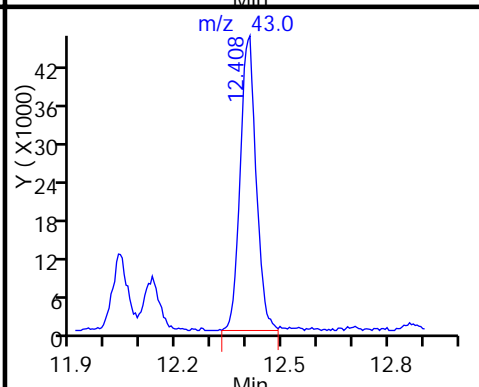
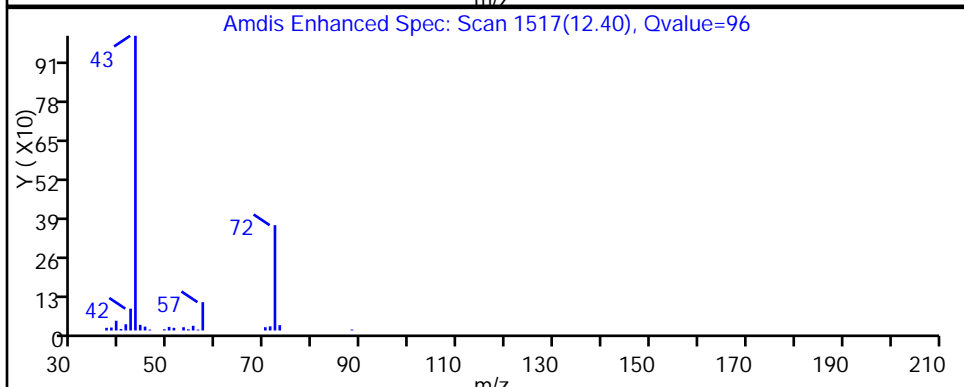
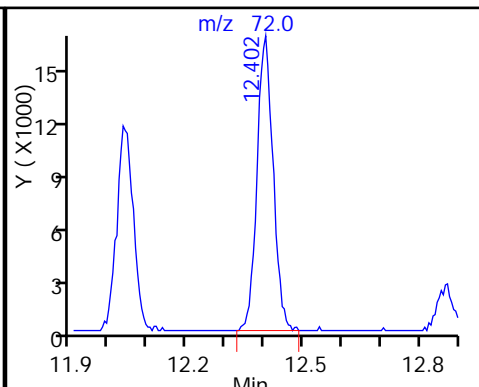
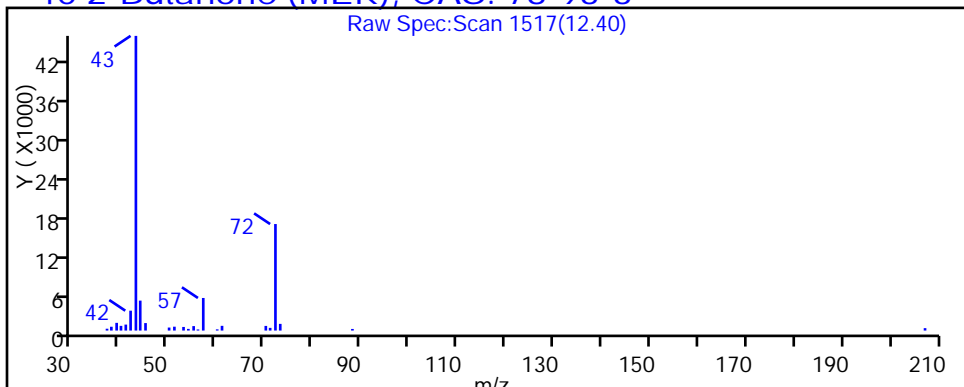
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

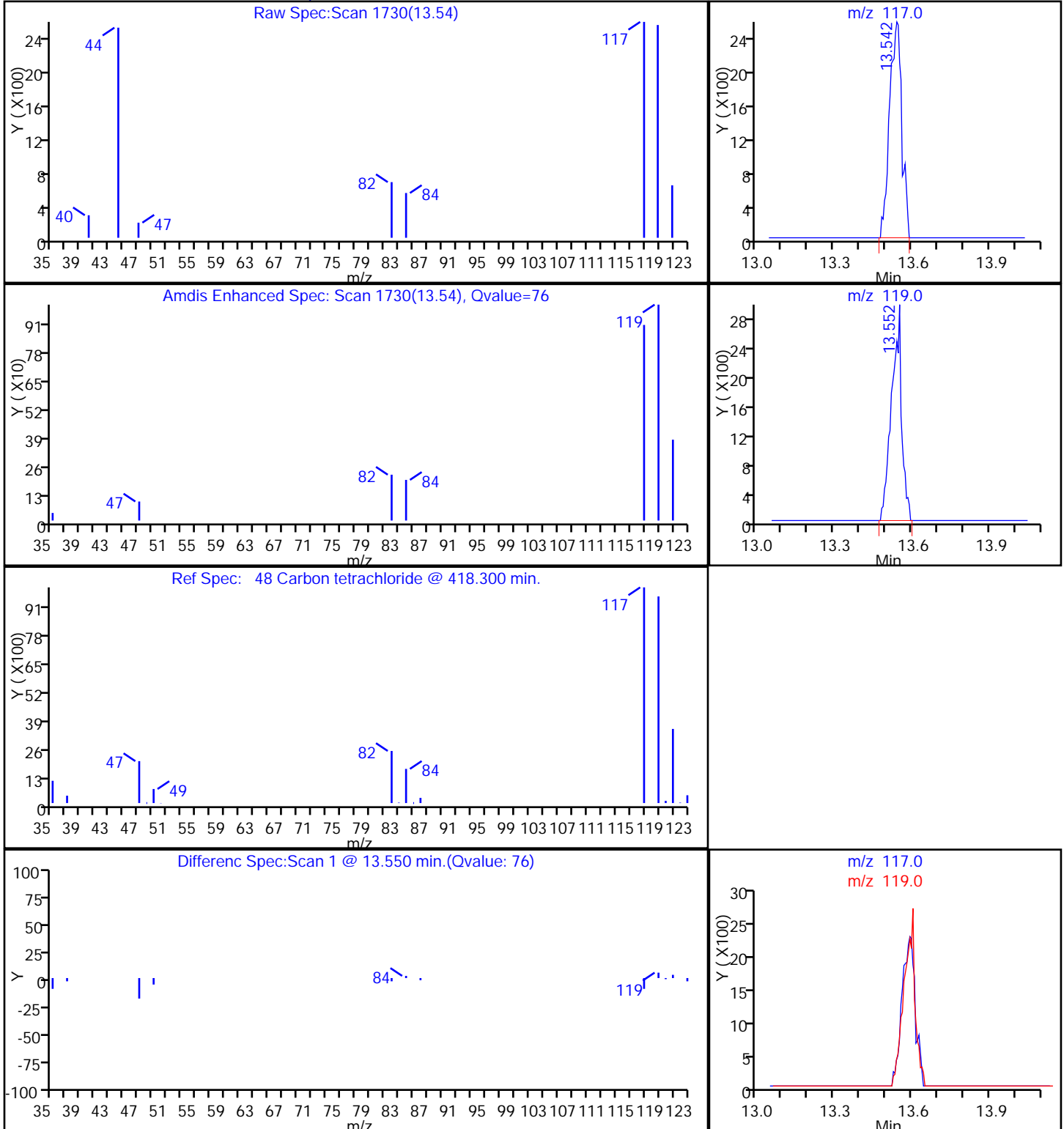
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

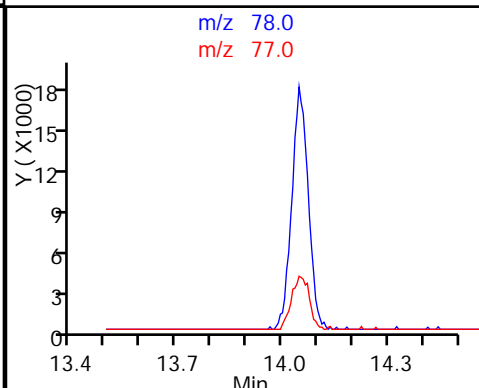
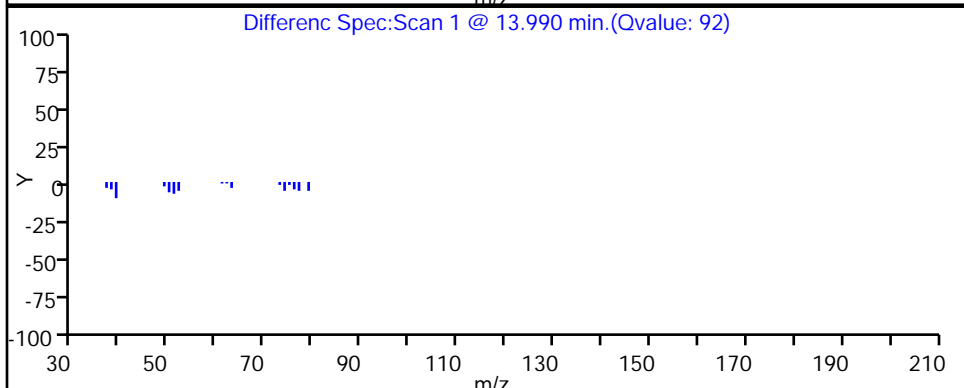
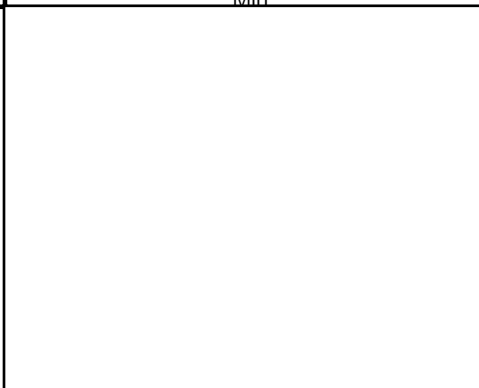
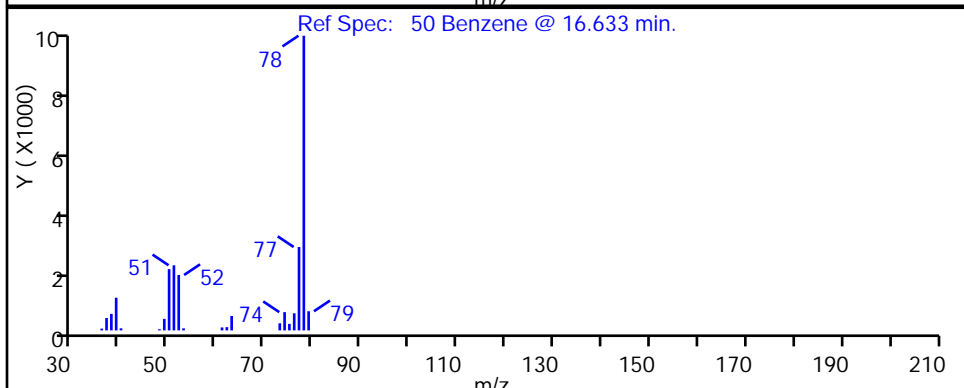
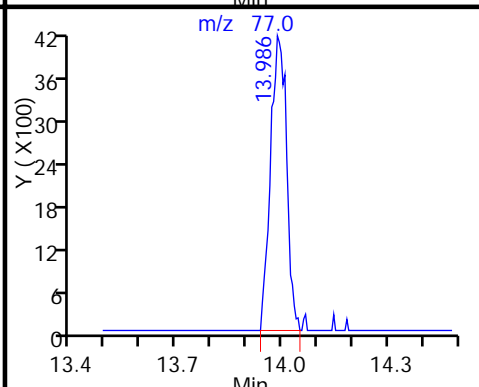
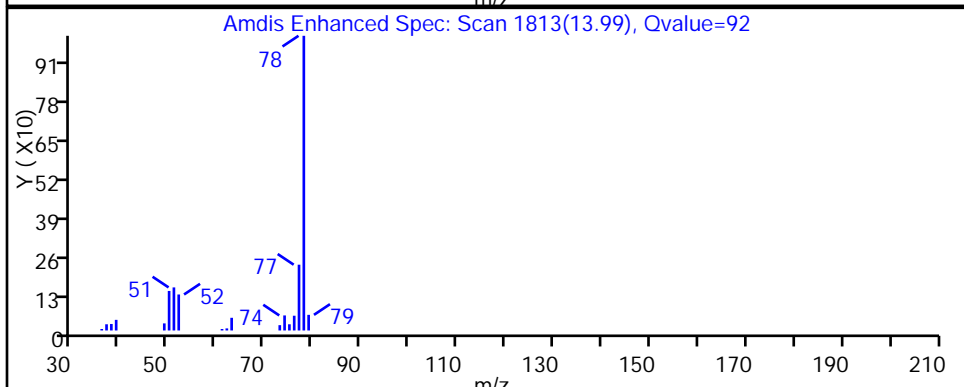
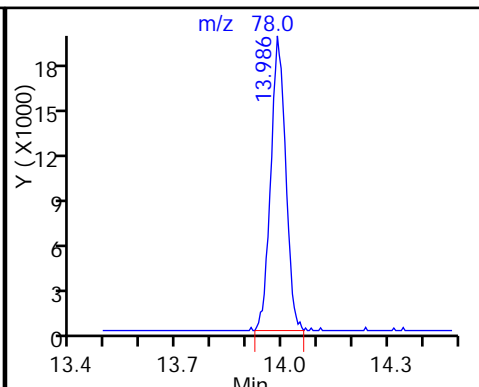
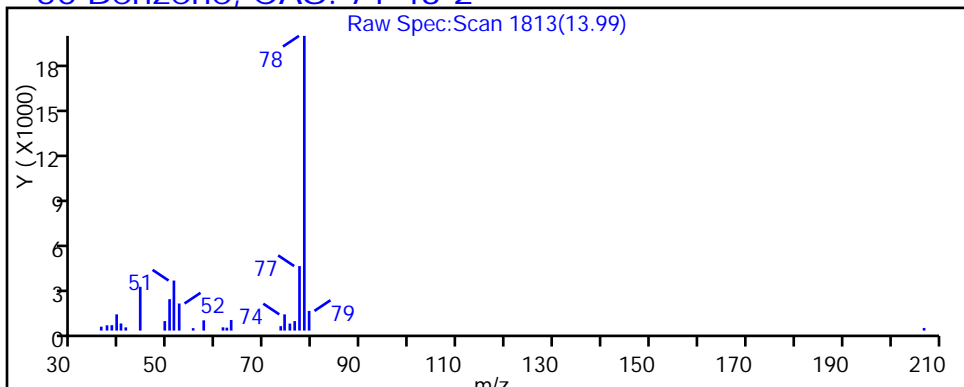
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

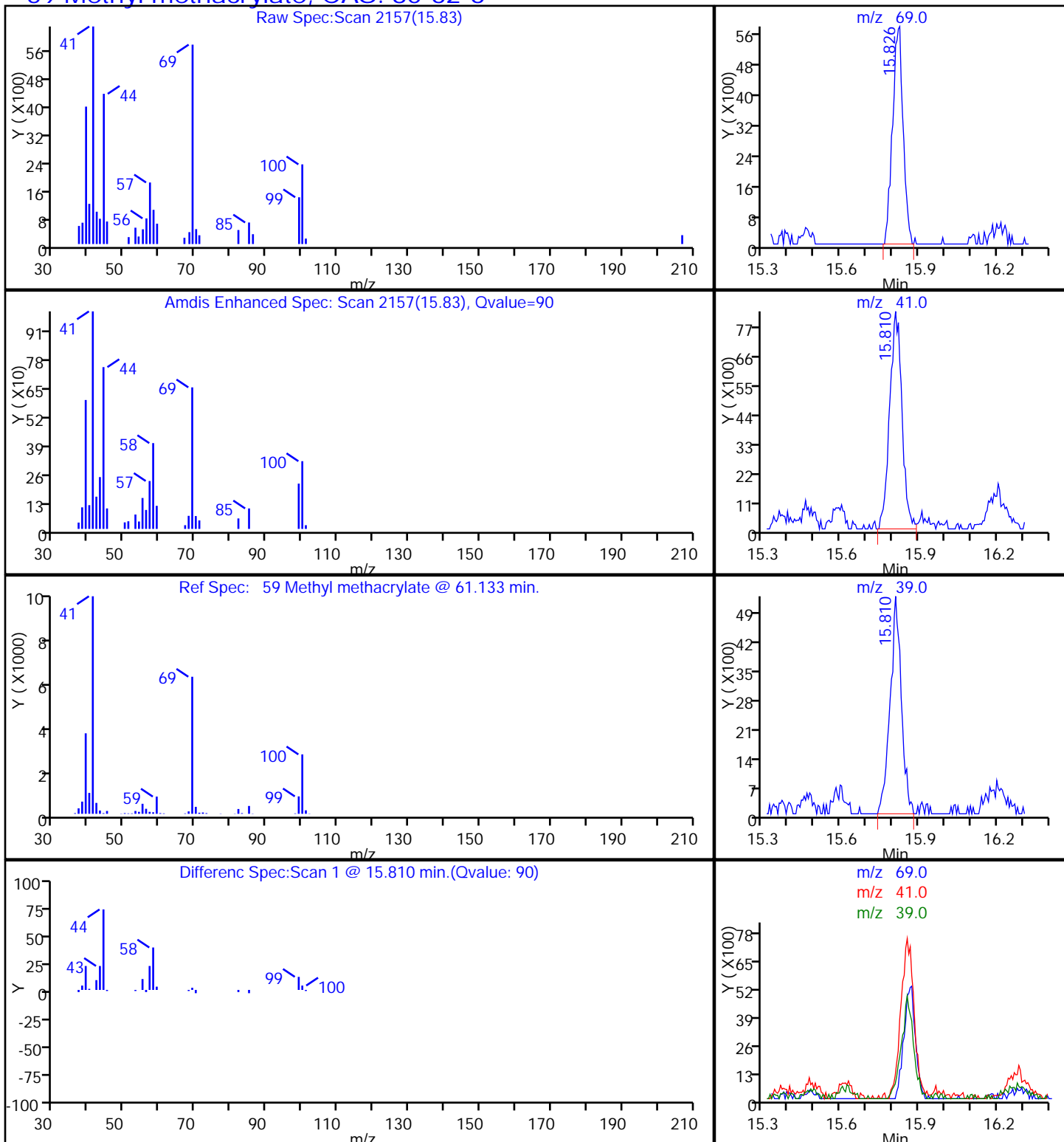
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

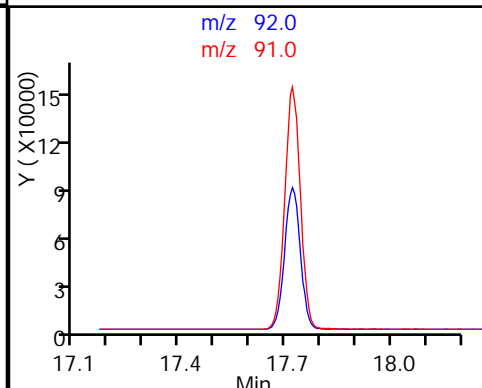
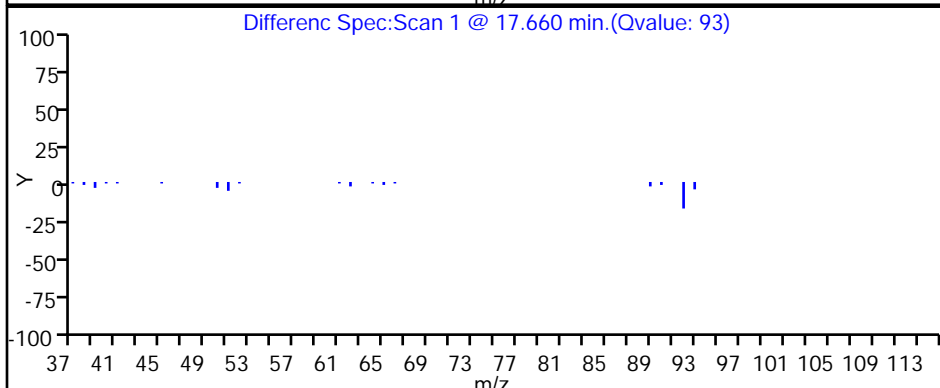
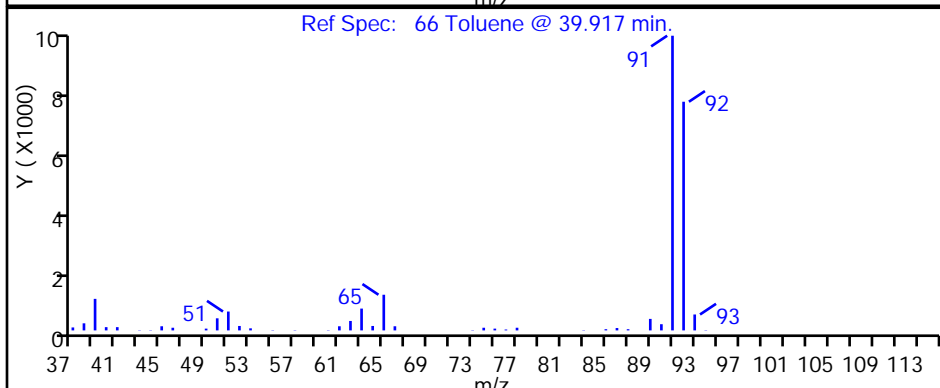
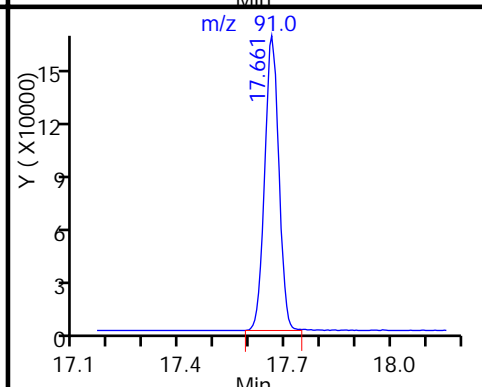
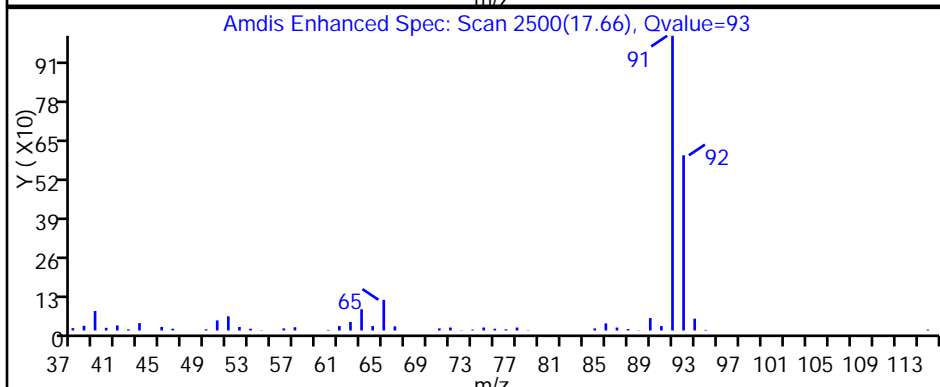
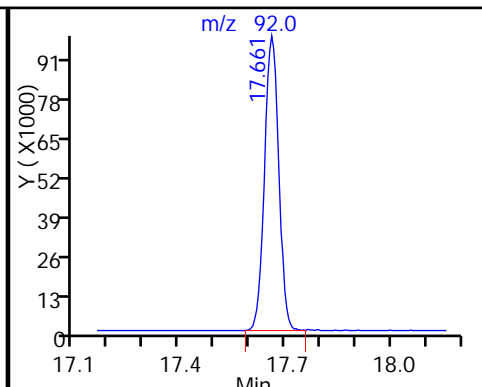
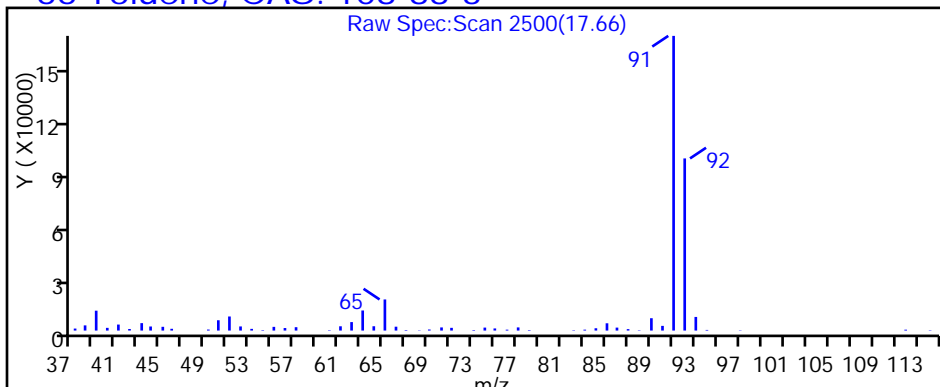
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

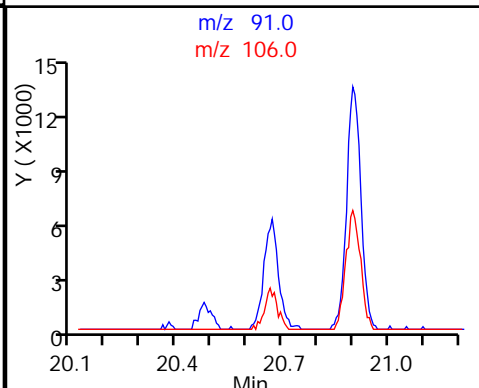
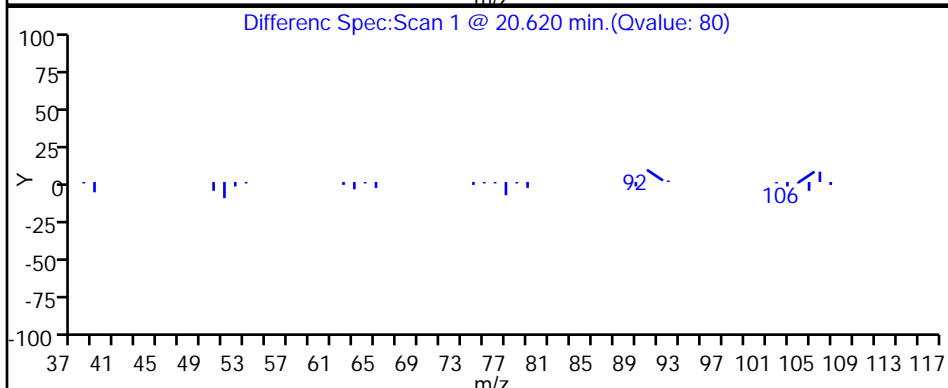
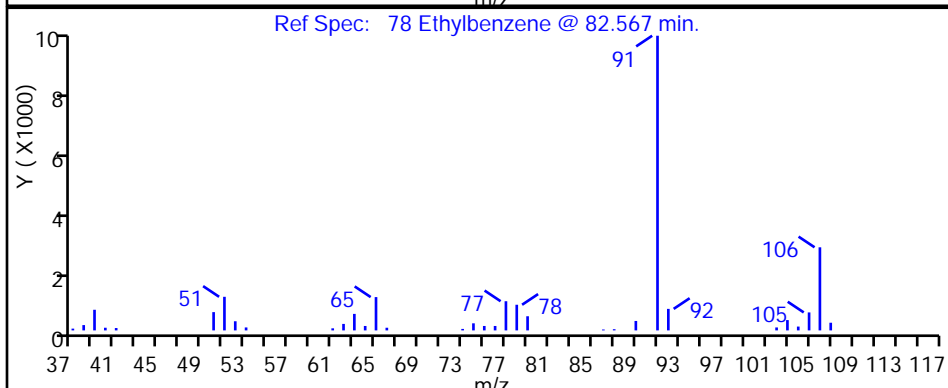
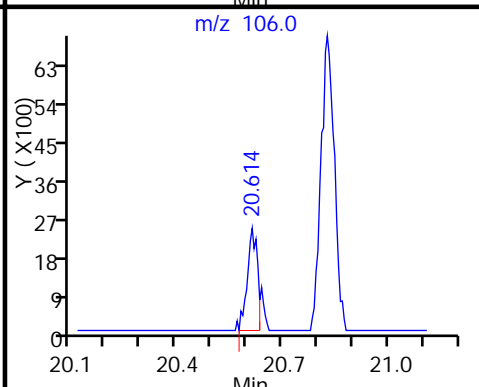
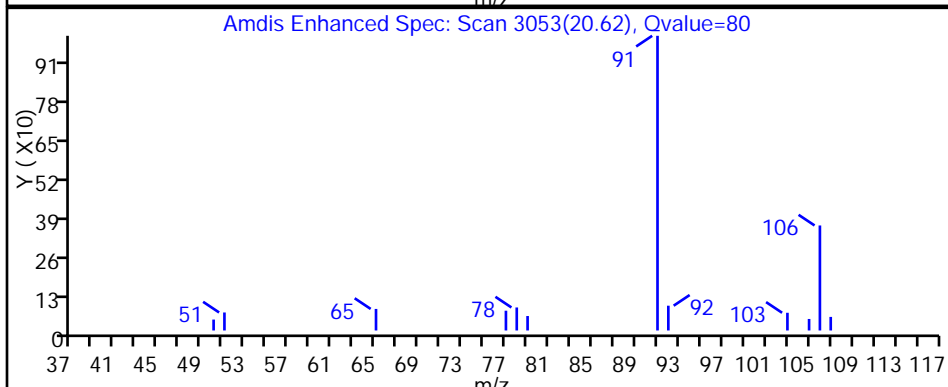
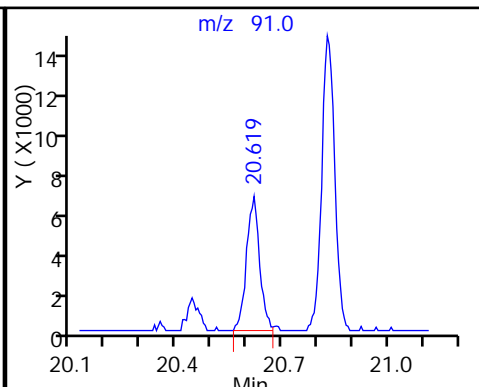
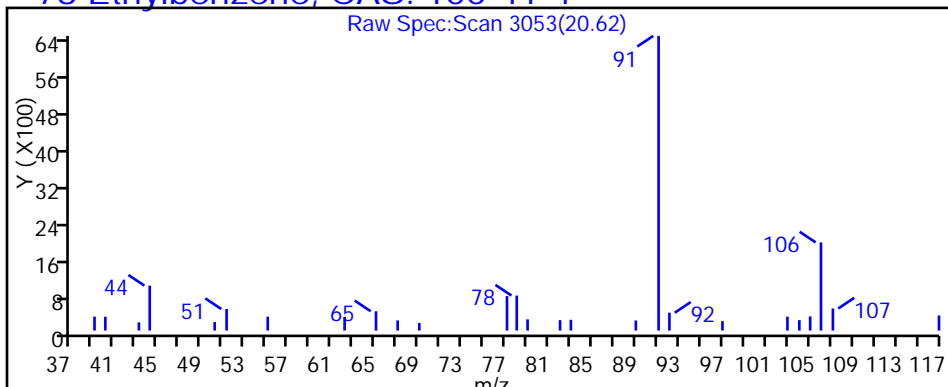
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

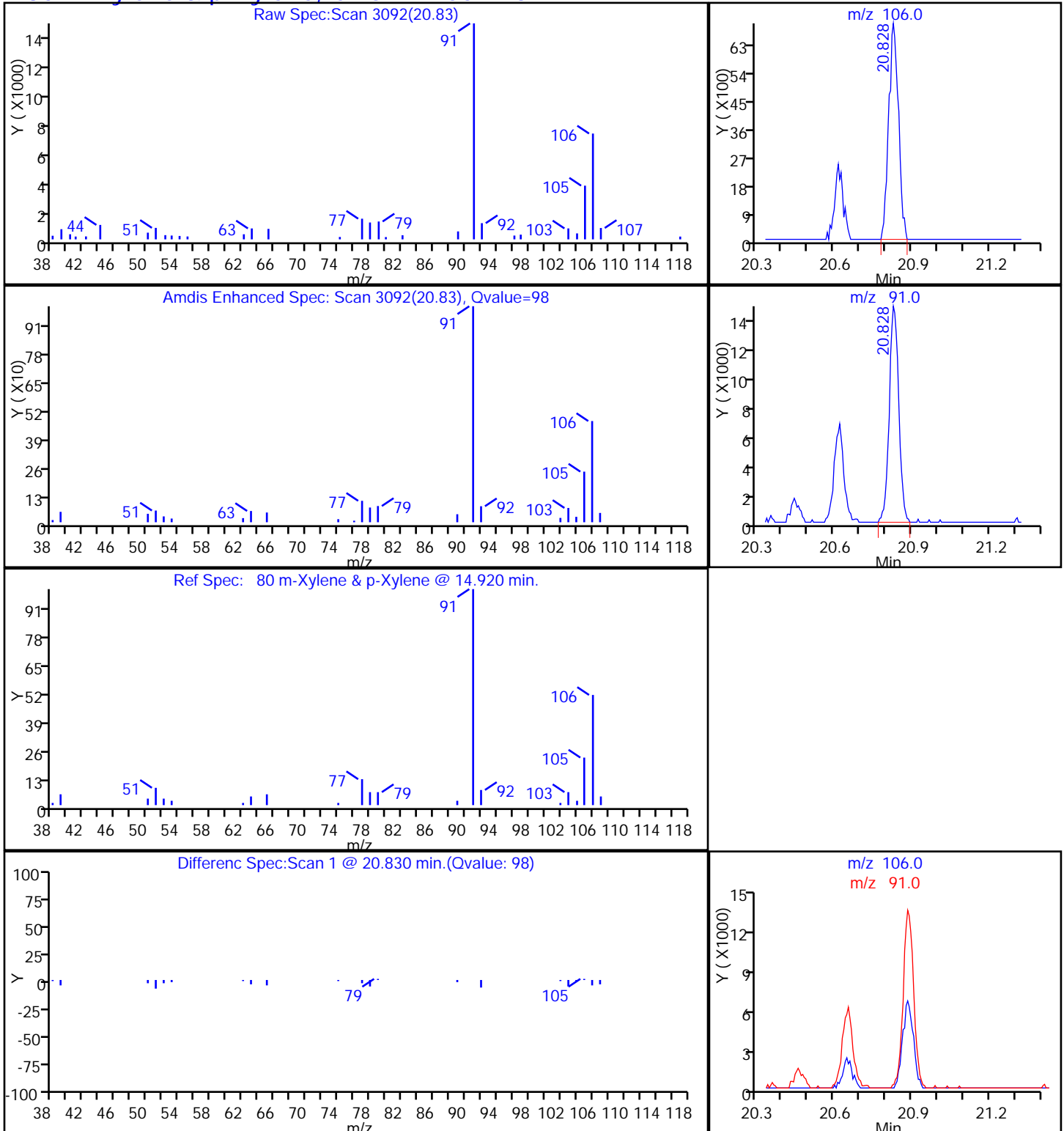
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

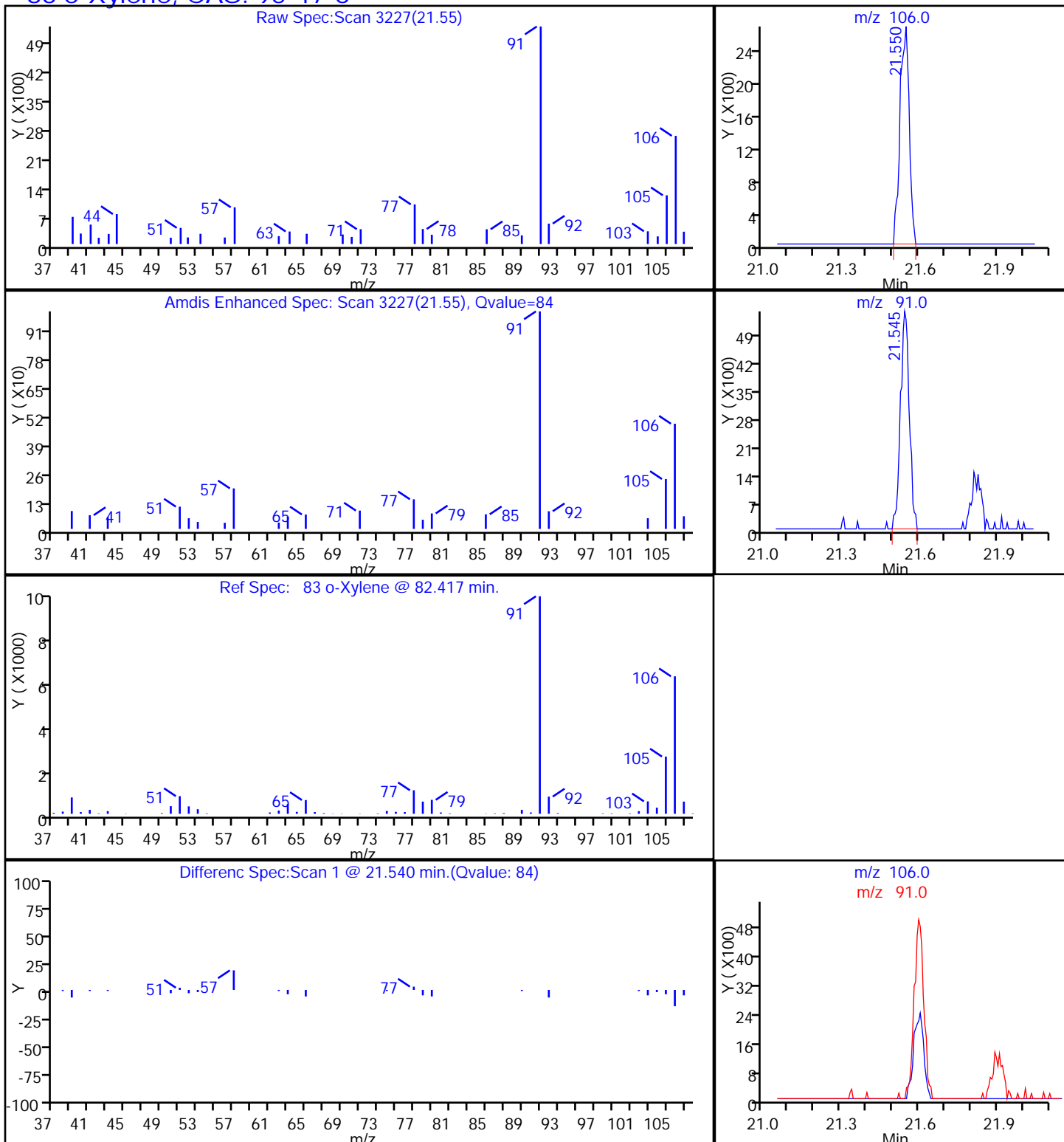
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_008.d

Injection Date: 24-Feb-2014 17:31:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-29

Lab Sample ID: 200-20955-29

Client ID: IA-VMP-8D

Operator ID: bl

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

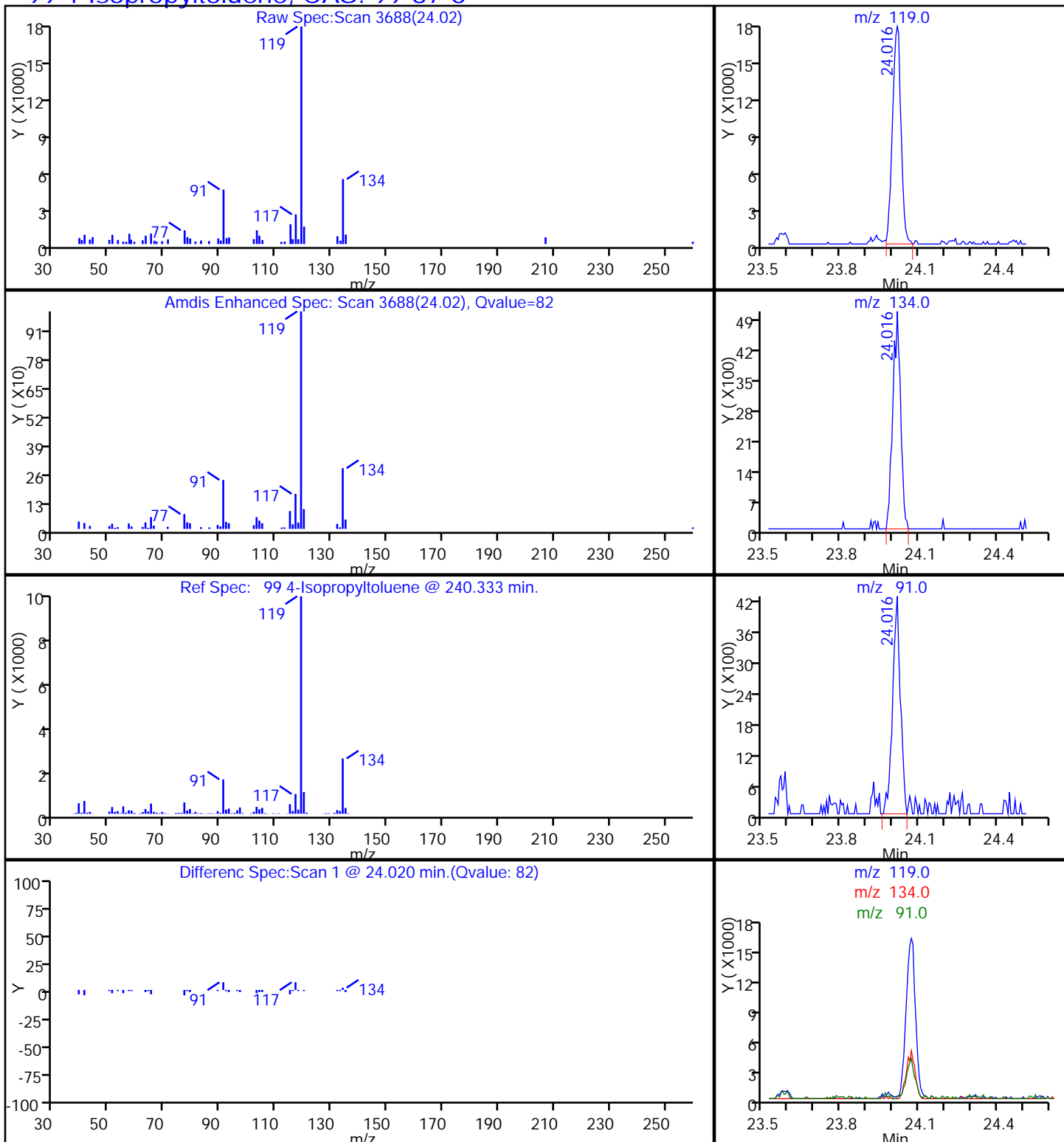
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

99 4-Isopropyltoluene, CAS: 99-87-6



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-DUP-021214 Lab Sample ID: 200-20955-31
 Matrix: Air Lab File ID: 6282_009.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 354 (mL) Date Analyzed: 02/24/2014 18:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.59		0.50	0.030
75-45-6	Freon 22	86.47	0.37	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.61		0.50	0.14
106-97-8	n-Butane	58.12	1.2		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.27		0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.67		0.20	0.030
76-13-1	Freon 113	187.38	0.090	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	4.0	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	93	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.24	J	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	1.7		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.33		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.61		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	19		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.083		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.17	J	0.20	0.027
71-43-2	Benzene	78.11	0.37		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.23		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-DUP-021214 Lab Sample ID: 200-20955-31
 Matrix: Air Lab File ID: 6282_009.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 354 (mL) Date Analyzed: 02/24/2014 18:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.84		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.035	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.091	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.13	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.19	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.069	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.26		0.20	0.034
100-42-5	Styrene	104.15	0.26		0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.028	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.024	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.062	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-DUP-021214 Lab Sample ID: 200-20955-31
 Matrix: Air Lab File ID: 6282_009.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 354 (mL) Date Analyzed: 02/24/2014 18:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-DUP-021214 Lab Sample ID: 200-20955-31
 Matrix: Air Lab File ID: 6282_009.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 354 (mL) Date Analyzed: 02/24/2014 18:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.9		2.5	0.15
75-45-6	Freon 22	86.47	1.3	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.3		1.0	0.28
106-97-8	n-Butane	58.12	2.8		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.60		0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	3.8		1.1	0.17
76-13-1	Freon 113	187.38	0.69	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	9.5	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	230	E	12	0.53
75-15-0	Carbon disulfide	76.14	0.74	J	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	6.0		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	1.2		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.8		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	64		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.52		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.79	J	0.93	0.13
71-43-2	Benzene	78.11	1.2		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.93		0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-DUP-021214 Lab Sample ID: 200-20955-31
 Matrix: Air Lab File ID: 6282_009.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 354 (mL) Date Analyzed: 02/24/2014 18:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	3.2		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.24	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.42	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.57	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.82	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.30	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.1		0.87	0.15
100-42-5	Styrene	104.15	1.1		0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.14	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.12	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.30	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: IA-DUP-021214 Lab Sample ID: 200-20955-31
 Matrix: Air Lab File ID: 6282_009.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 354 (mL) Date Analyzed: 02/24/2014 18:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d
 Lims ID: 200-20955-A-31 Lab Sample ID: 200-20955-31
 Client ID: IA-DUP-021214
 Sample Type: Client
 Inject. Date: 24-Feb-2014 18:25:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-009
 Misc. Info.: 200-20955-a-30 CDF=1.77 354ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:11:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.458	4.463	-0.005	94	94460	0.5876	
6 Chlorodifluoromethane	51	4.527	4.528	-0.001	68	22452	0.3687	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50	5.004	5.009	-0.005	83	16965	0.6131	
9 Butane	43	5.266	5.276	-0.010	95	53297	1.19	
10 Vinyl chloride	62		5.335					
11 Butadiene	54	5.432	5.432	0.0	91	6684	0.2729	
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101	7.181	7.181	0.0	95	120758	0.6702	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.433	8.433	0.0	82	10190	0.0904	
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.748	8.743	0.005	87	203223	3.98	
26 Carbon disulfide	76	8.994	8.995	-0.001	91	26504	0.2369	
27 Isopropyl alcohol	45	9.032	9.027	0.005	97	3977151	93.0	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.727	9.727	0.0	79	61116	1.72	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.653	10.648	0.005	83	16340	0.3321	
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.375	12.386	-0.011	96	13261	0.6136	
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.852	12.857	-0.005	69	351491	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.258	13.258	0.0	82	1119099	18.6	
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags				
	48			117	13.526	13.531	-0.005	64	13088	0.0833	
	51			57	13.922	13.922	0.0	89	27167	0.1695	
	50			78	13.986	13.980	0.006	92	52738	0.3671	
	52			62		14.141					
	53			43	14.269	14.269	0.0	77	11331	0.2264	
*	54			114	14.740	14.745	-0.005	92	1648487	10.0	
	56			95		15.206					
	58			63		15.730					
	59			69		15.810					
	60			88		15.901					
	62			83		16.217					
	64			75		17.083					
	65			43		17.319					
	66			92	17.661	17.656	0.005	94	92184	0.8422	
	70			75		18.191					
	71			83		18.554					
	72			166	18.699	18.699	0.0	65	4816	0.0354	M
	73			43		18.945					
	74			129		19.314					
	75			107		19.598					
S	82			106				0		0.2570	7
*	76			117	20.443	20.443	0.0	83	1509300	10.0	
	77			112	20.486	20.496	-0.010	44	16620	0.0908	
	78			91	20.619	20.614	0.005	86	33341	0.1304	
	80			106	20.833	20.833	0.0	98	19429	0.1884	
	83			106	21.540	21.545	-0.005	62	6676	0.0686	
	84			104	21.582	21.582	0.0	93	37963	0.2628	
	85			173		21.957					
\$	87			95	22.444	22.444	0.0	98	1055676	NC	
	88			83		22.668					
	90			91		22.743					
	91			105	22.914	22.909	0.005	75	9434	0.0283	7
	92			91		22.941					
	94			105	23.000	23.000	0.0	56	7309	0.0237	7
	96			119		23.476					
	97			105	23.567	23.567	0.0	73	18203	0.0619	
	98			105		23.808					
	99			119		24.011					
	100			146		24.081					
	101			146		24.225					
	102			91		24.434					
	103			91		24.648					
	105			146		24.830					
	107			180		27.729					
	108			225		27.932					
	109			128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Worklist Smp#: 9

Client ID: IA-DUP-021214

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

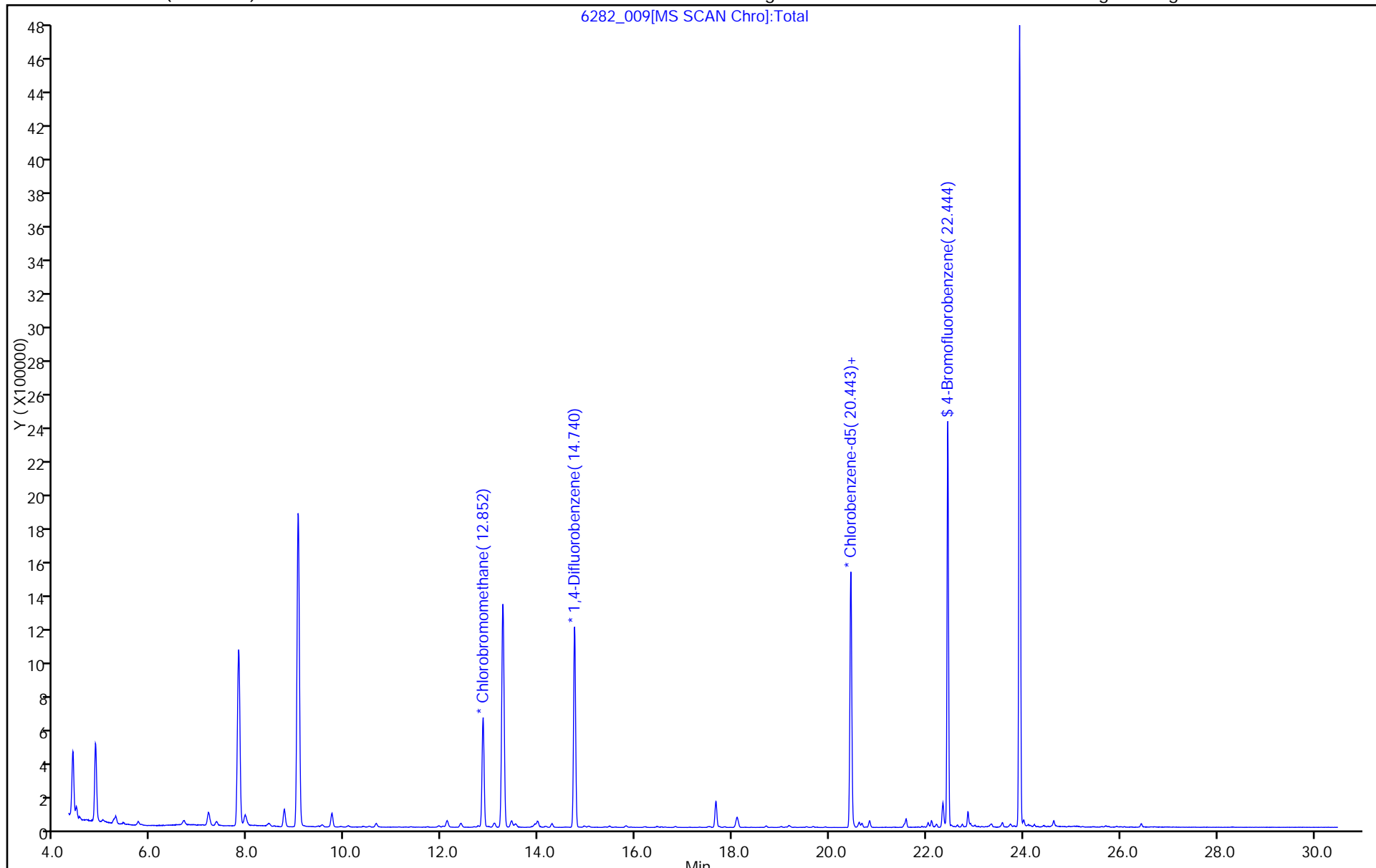
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

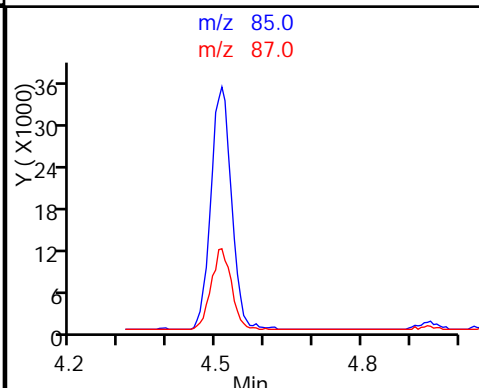
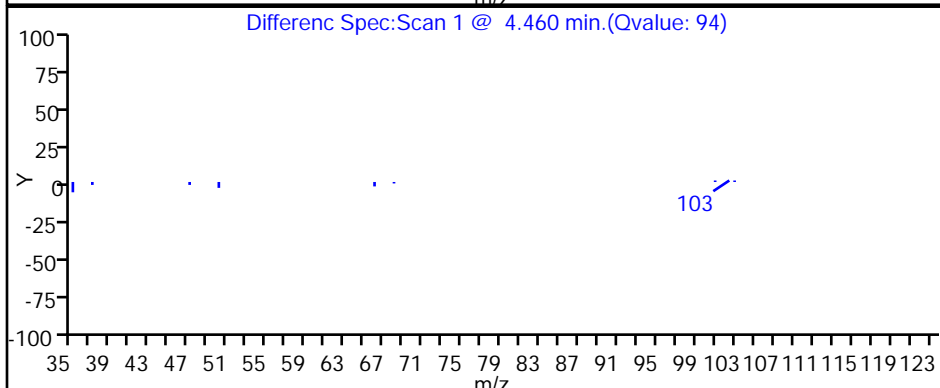
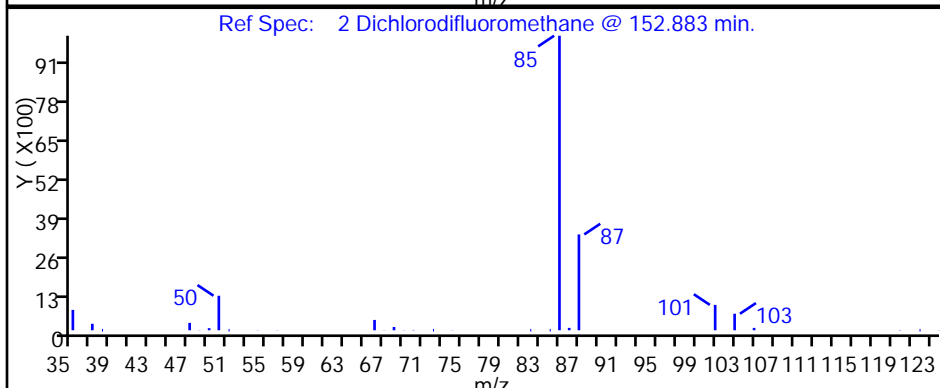
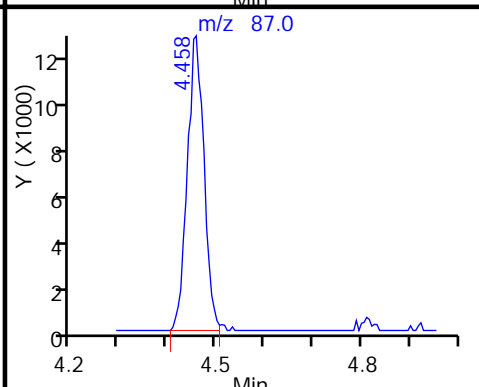
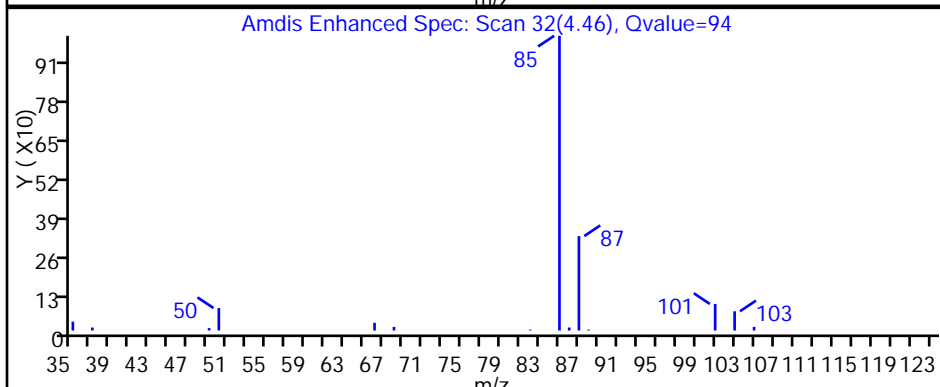
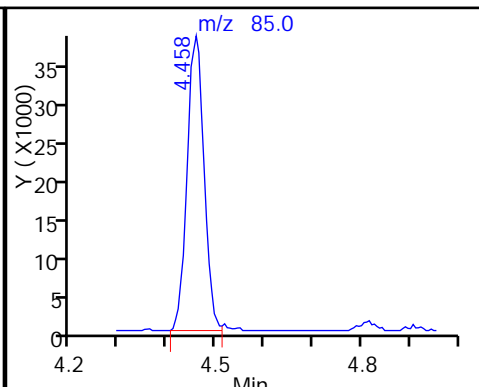
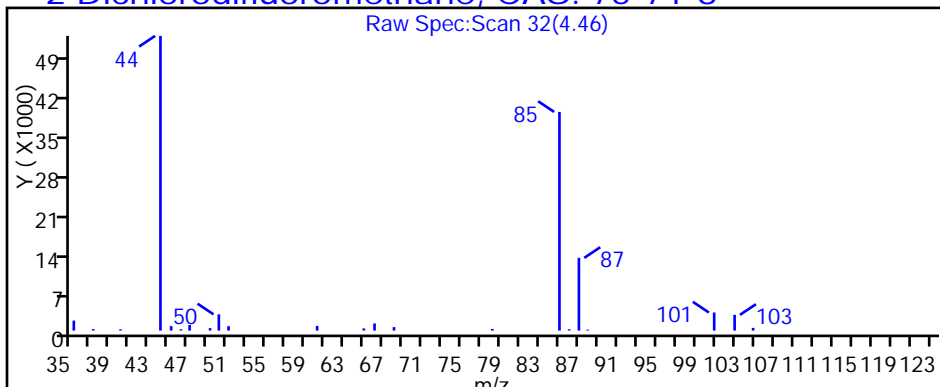
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

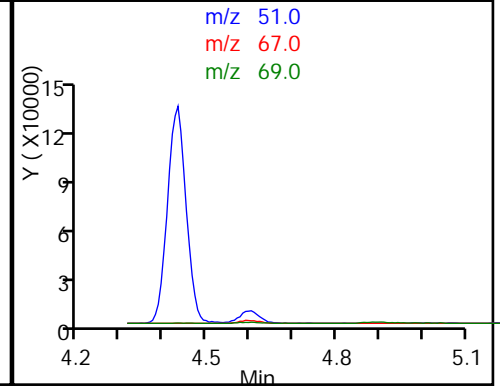
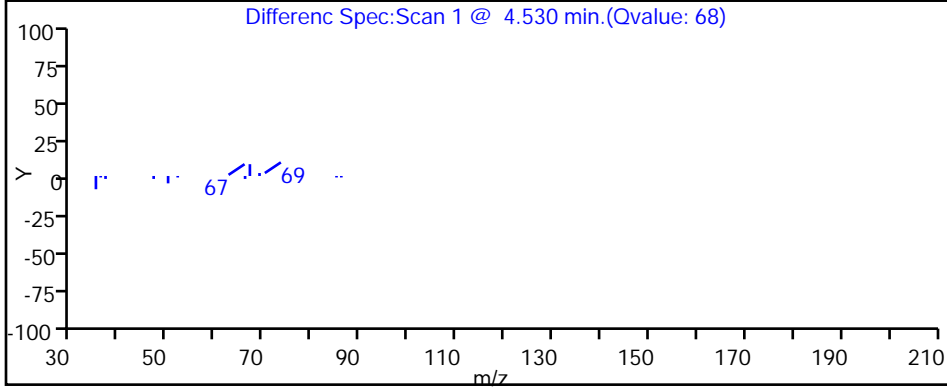
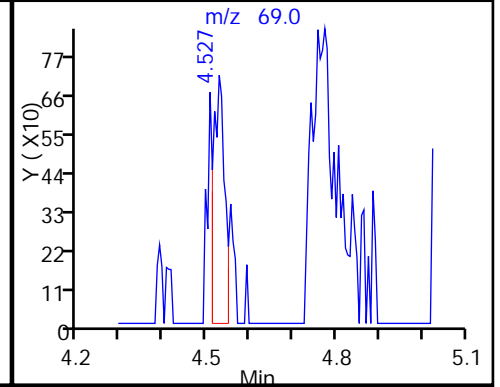
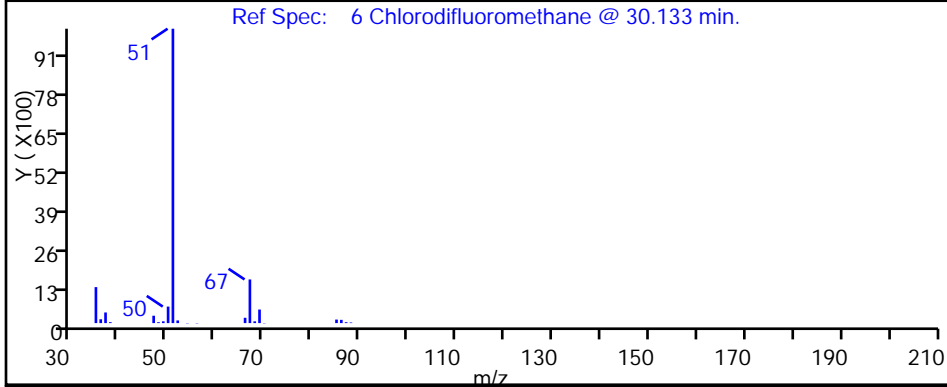
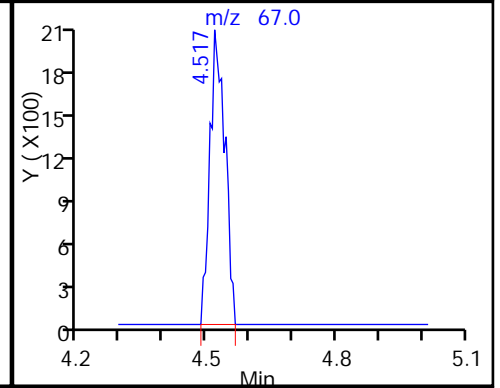
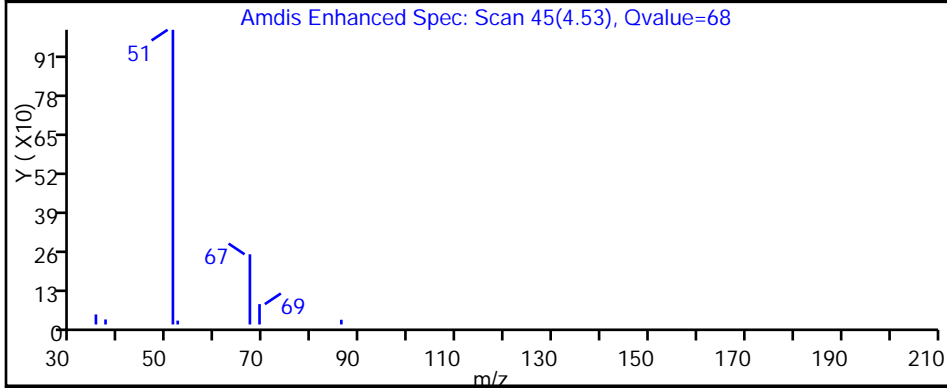
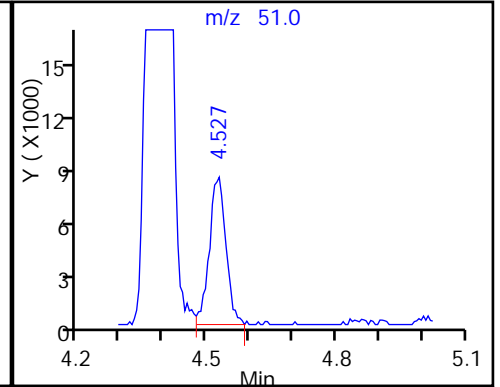
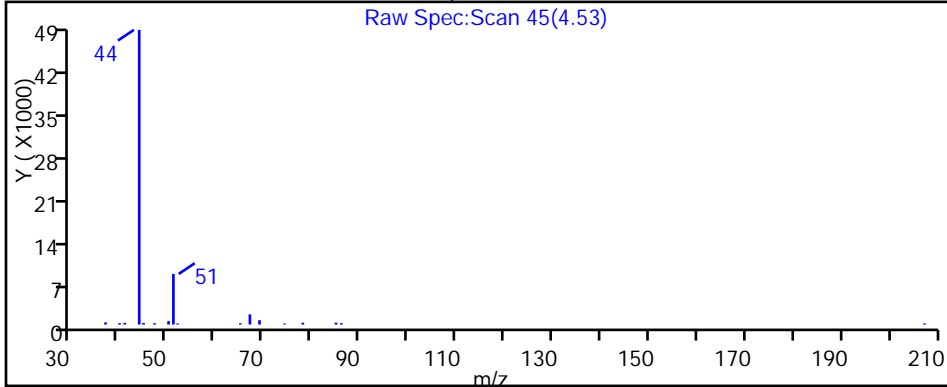
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

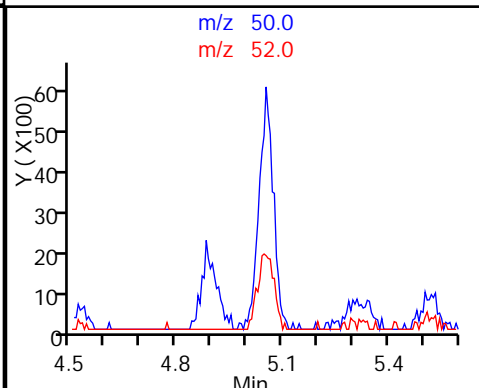
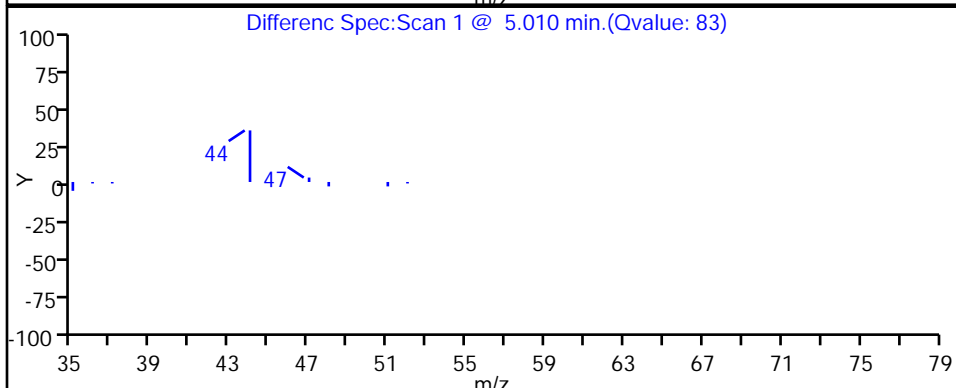
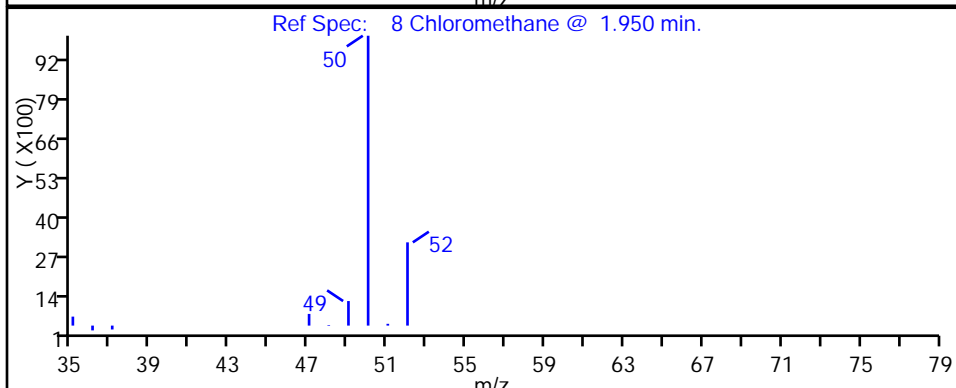
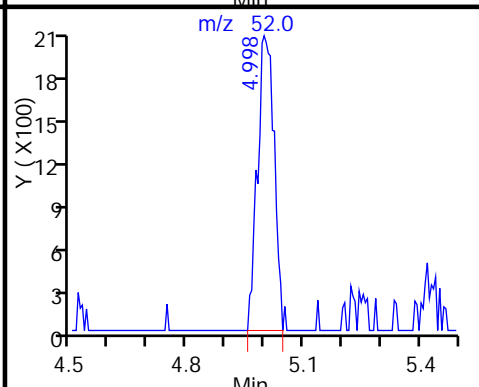
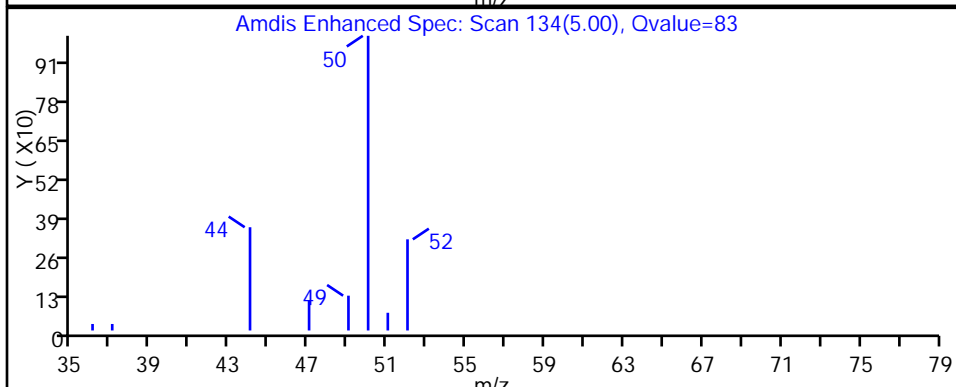
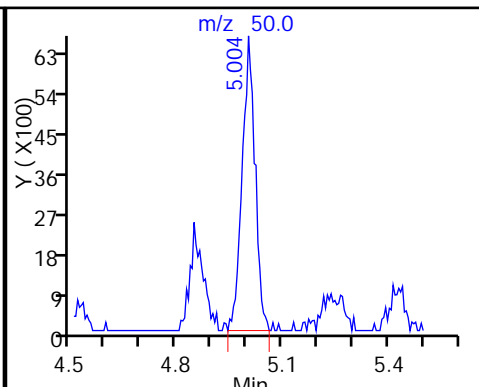
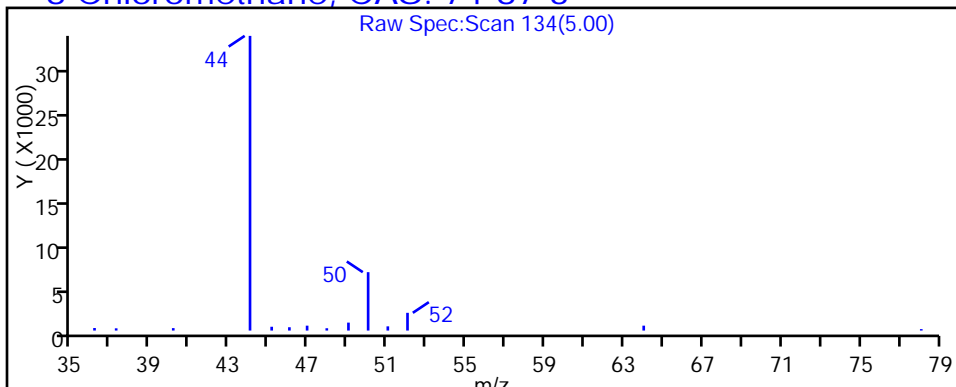
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

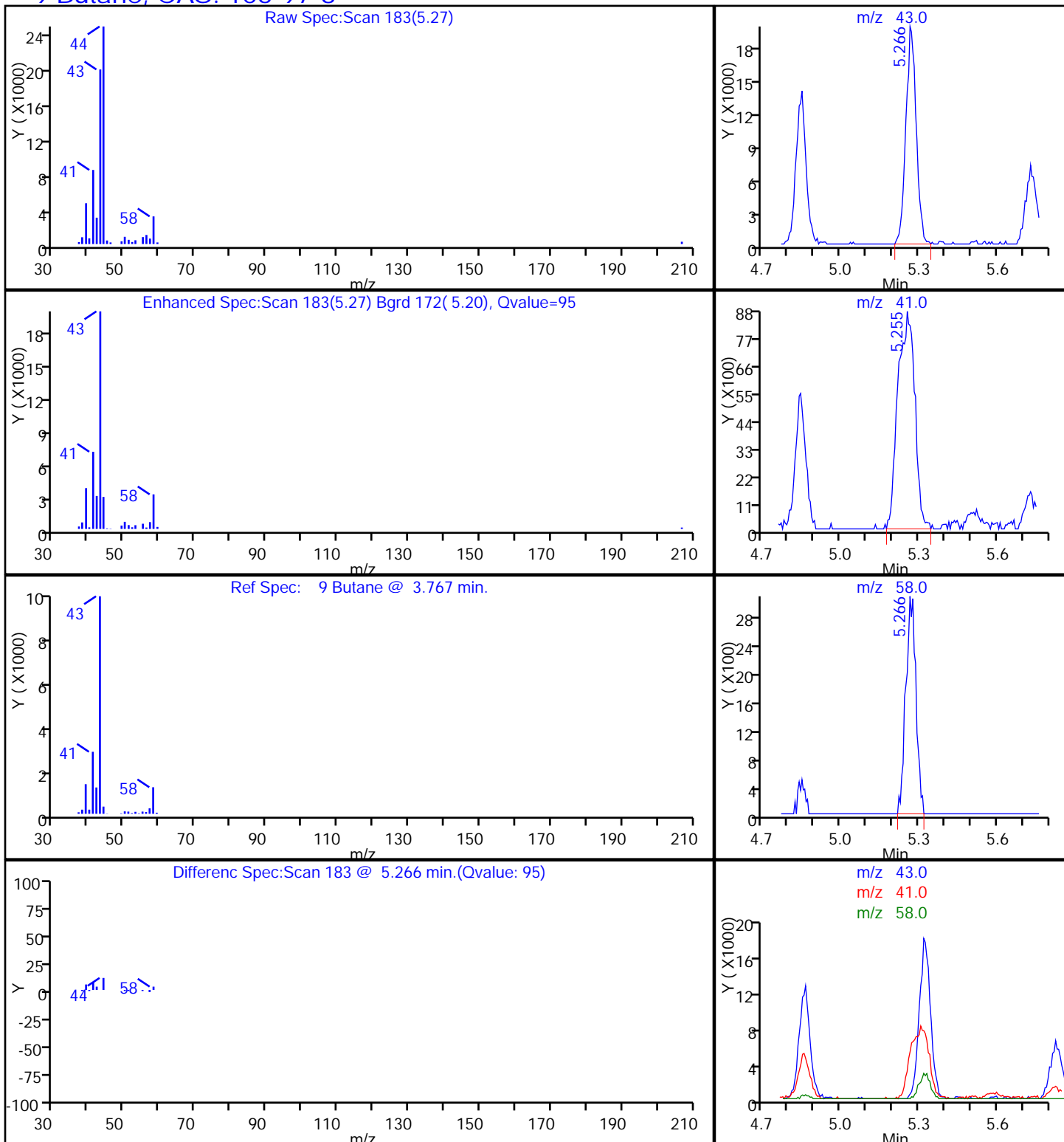
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

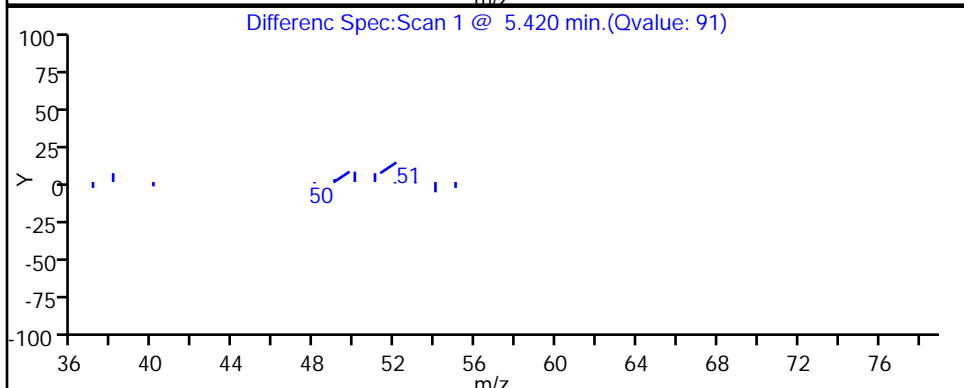
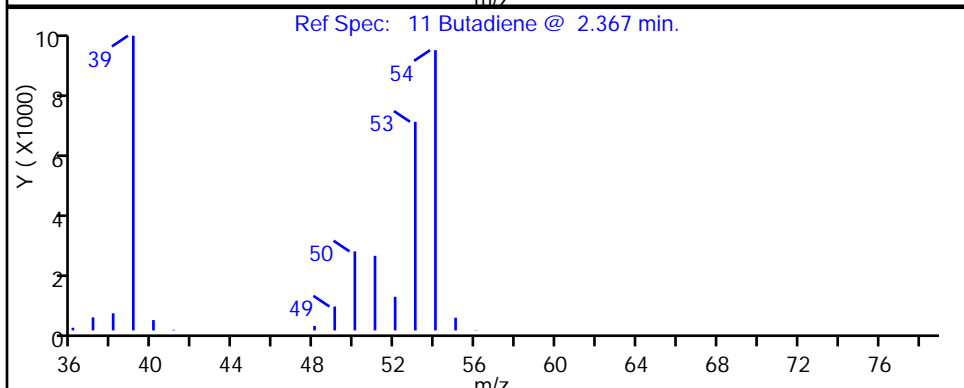
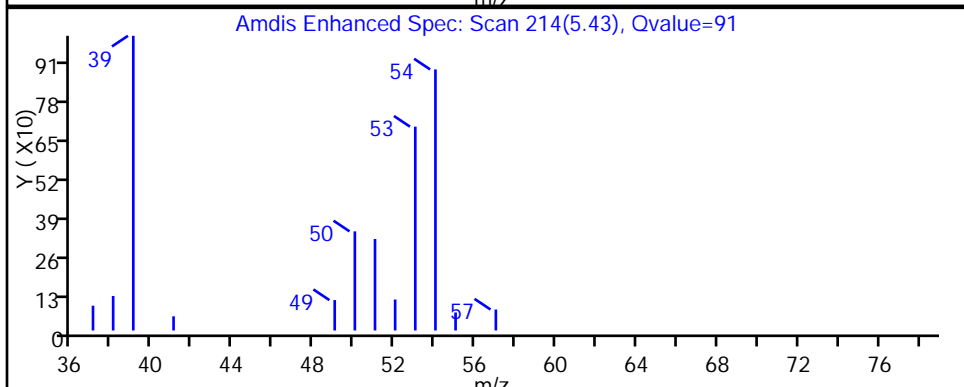
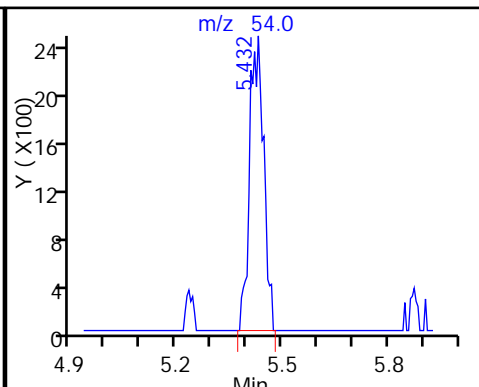
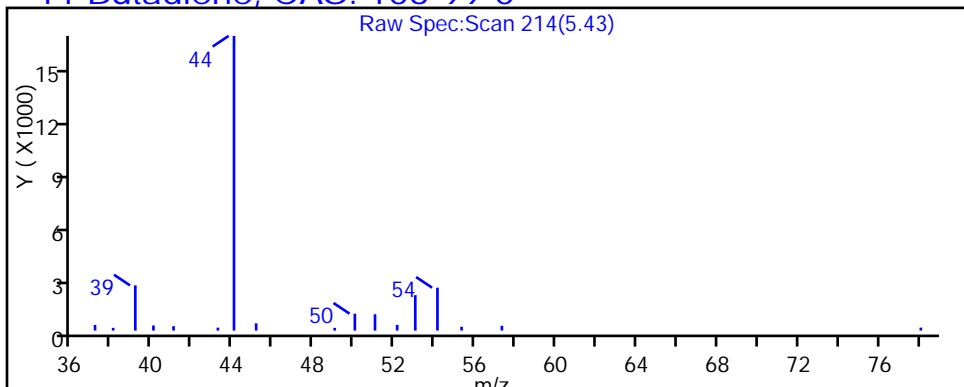
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

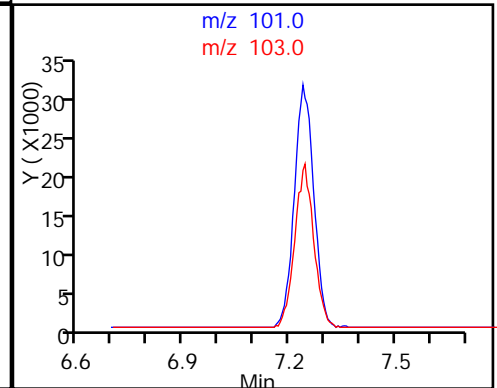
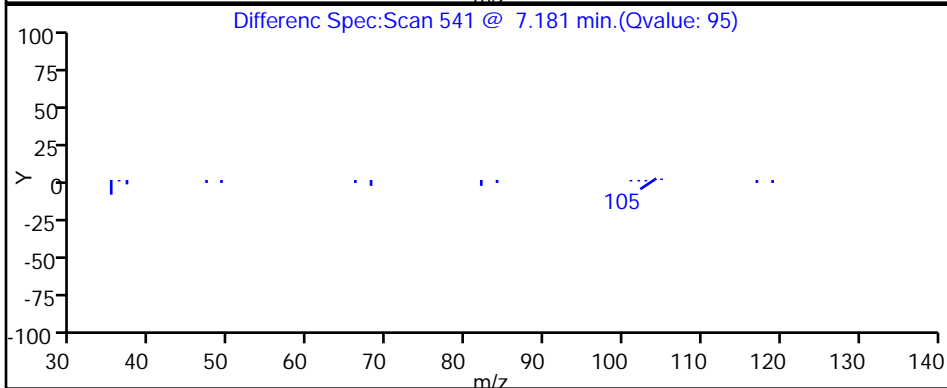
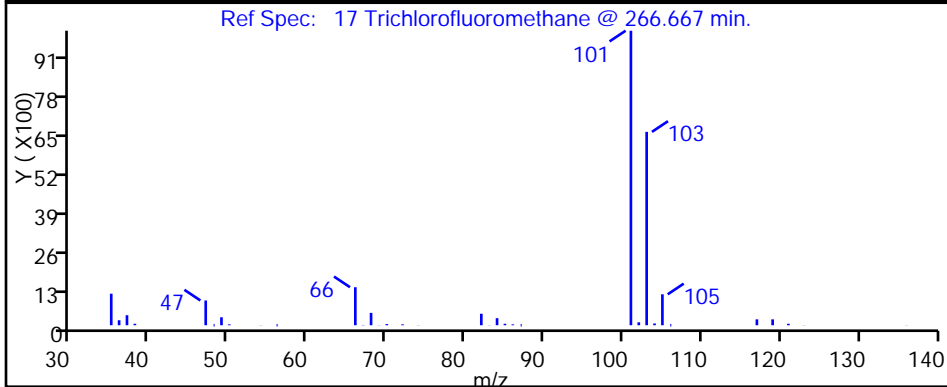
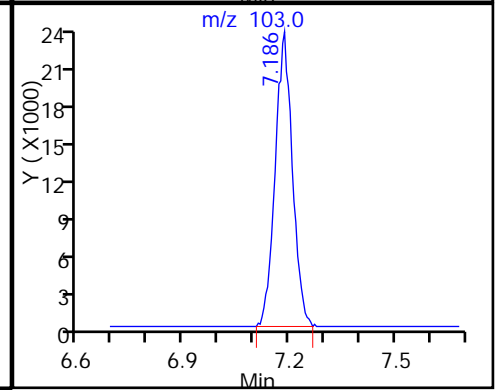
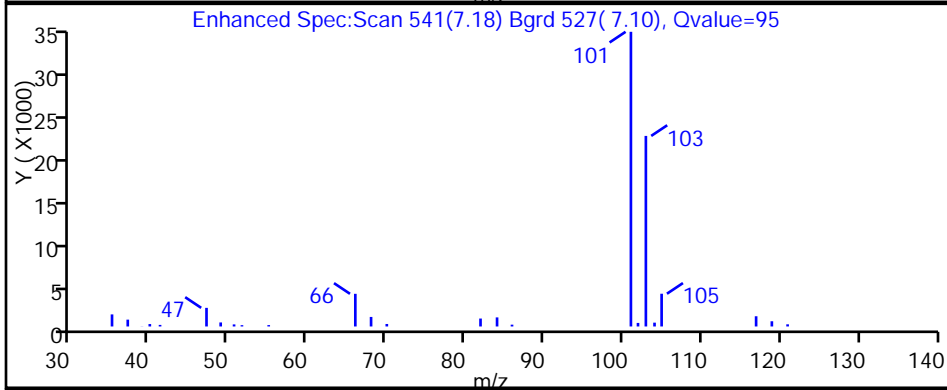
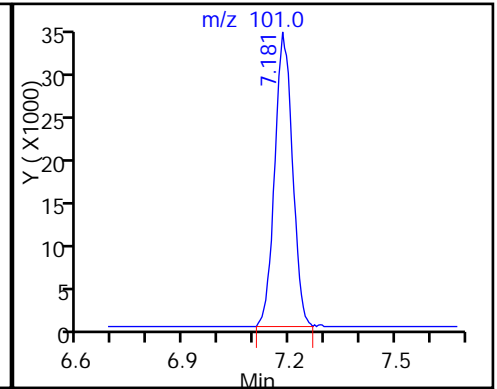
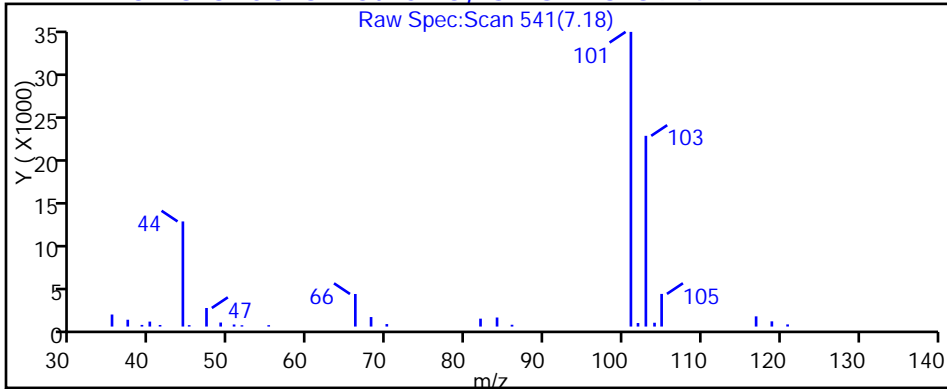
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

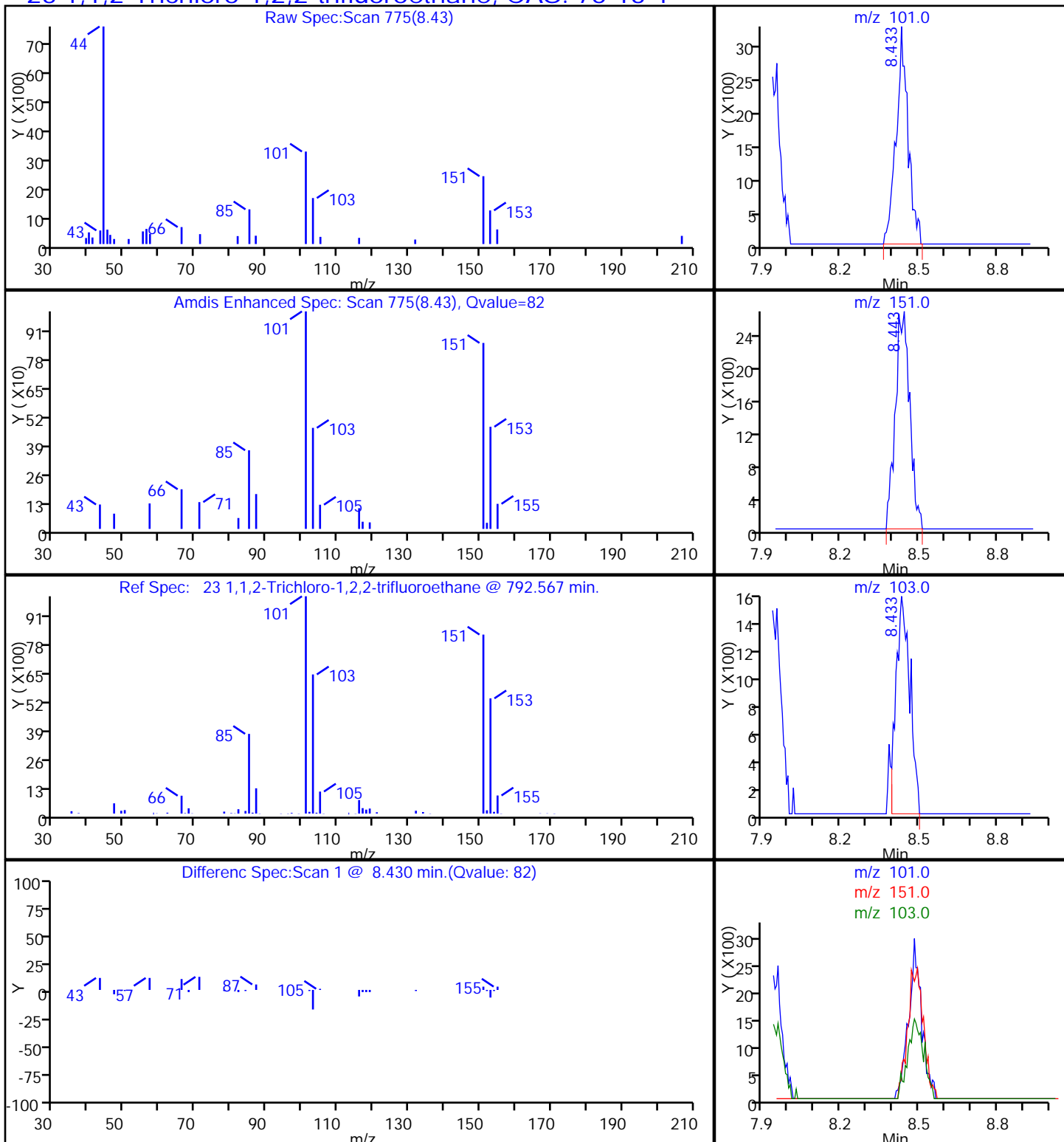
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

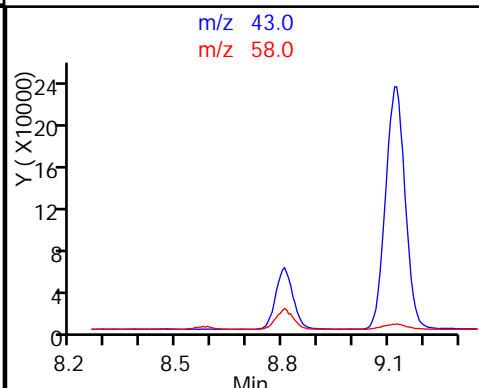
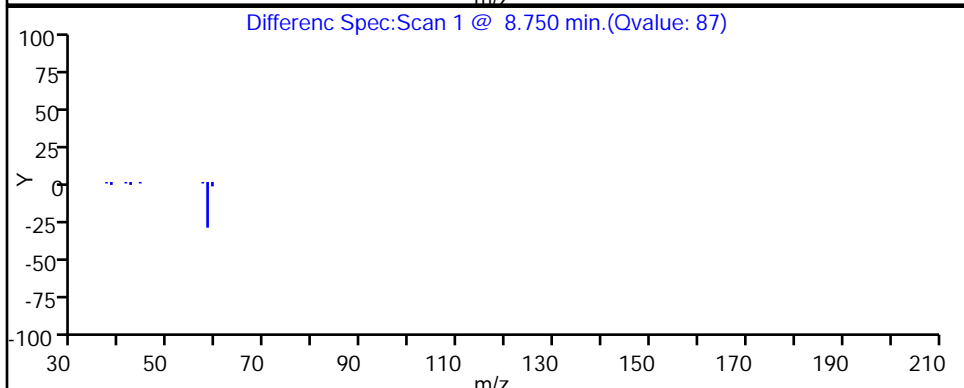
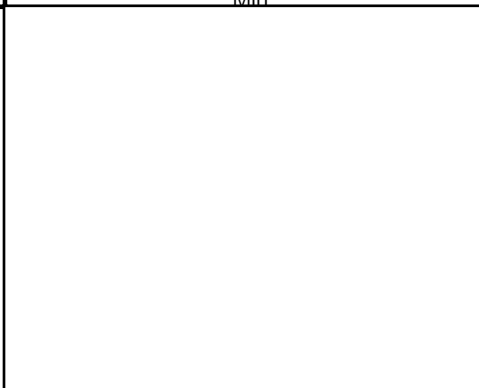
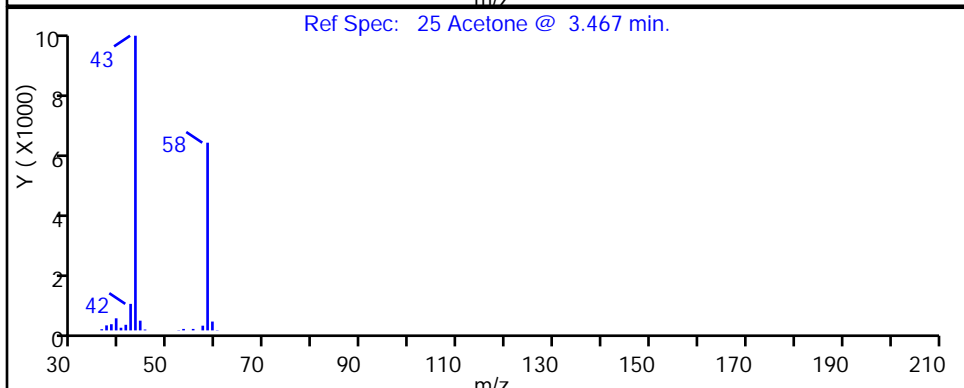
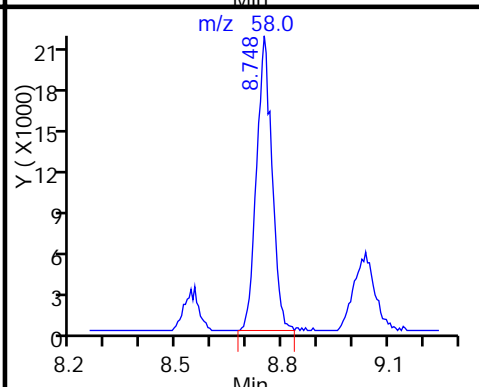
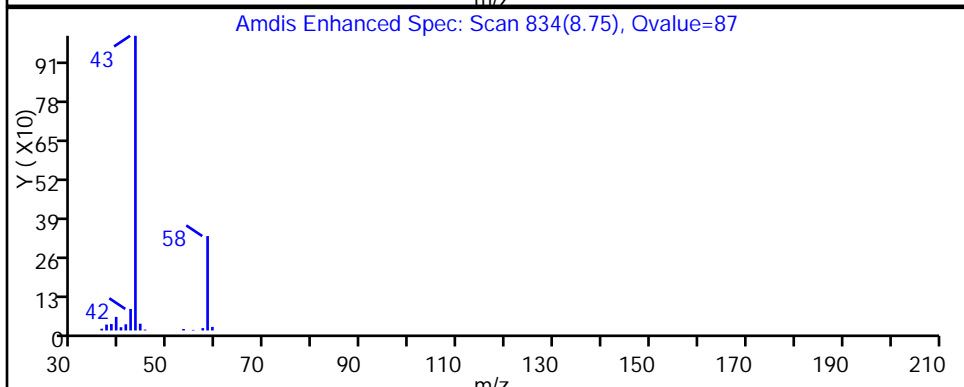
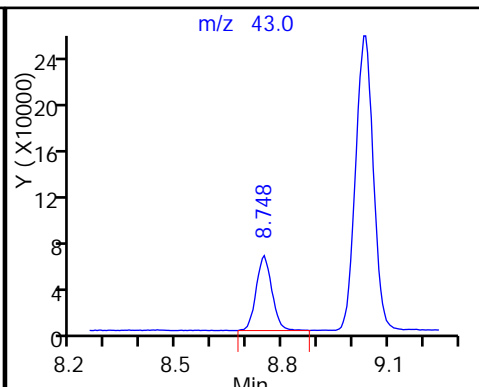
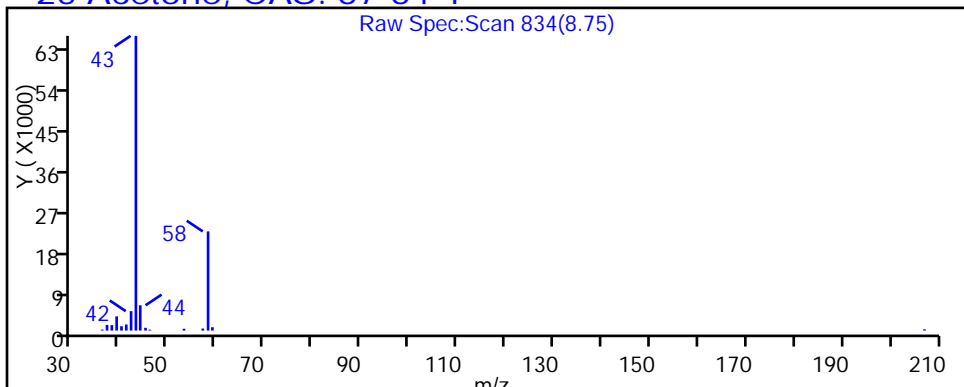
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

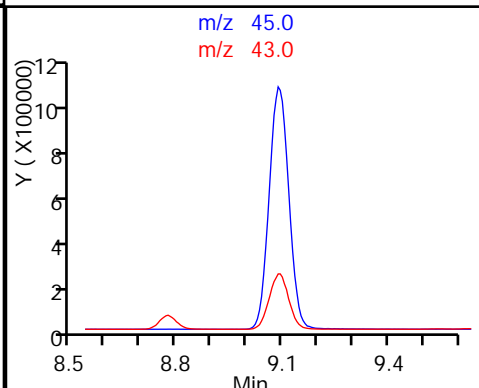
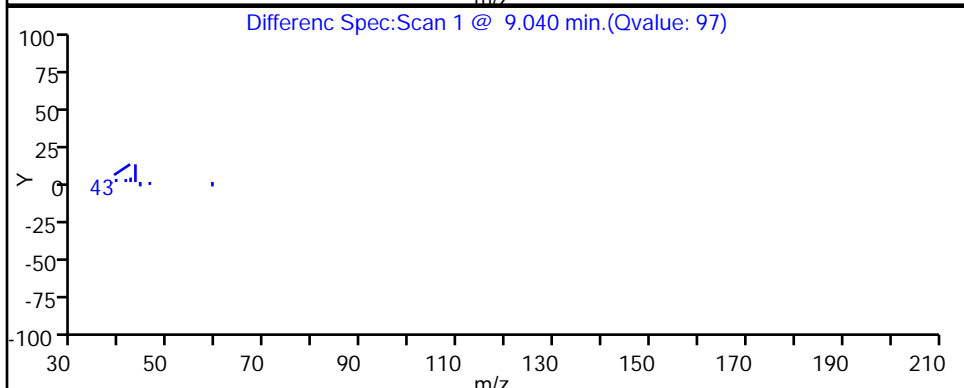
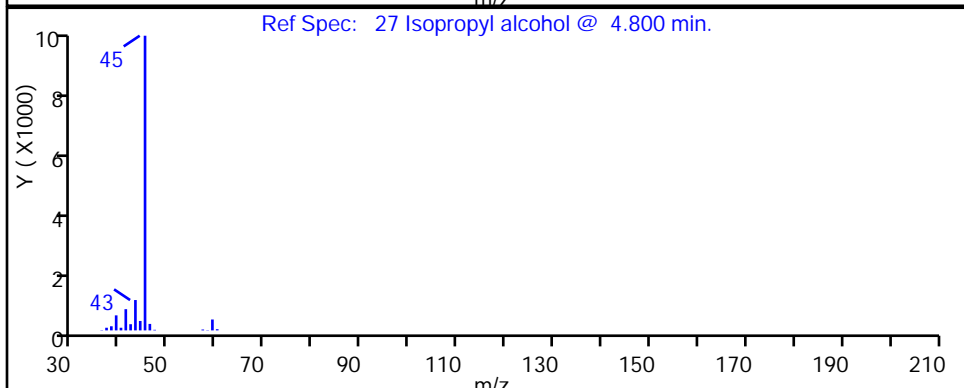
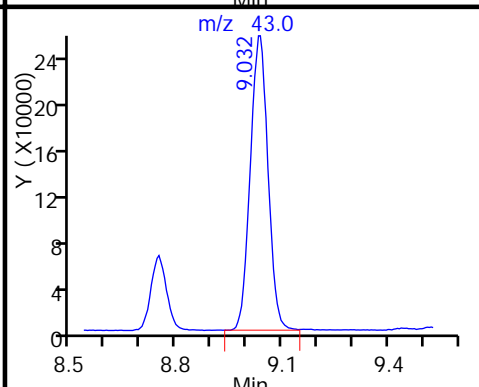
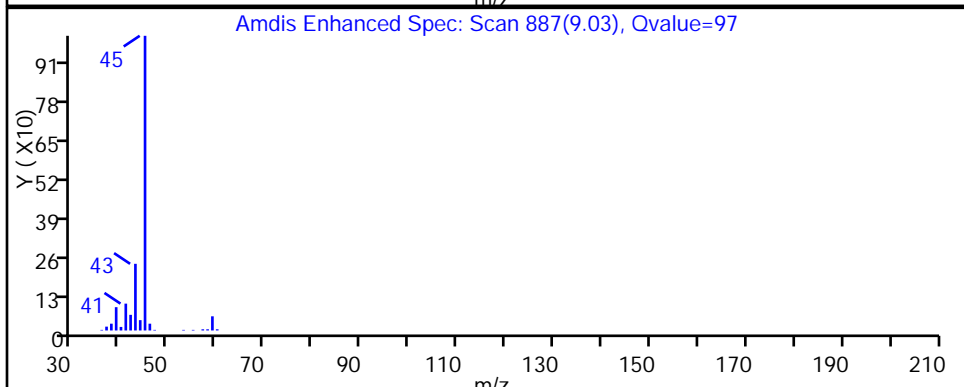
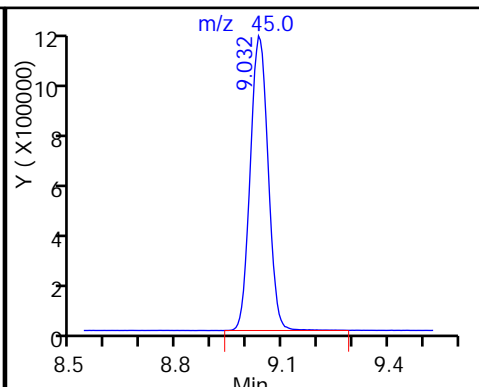
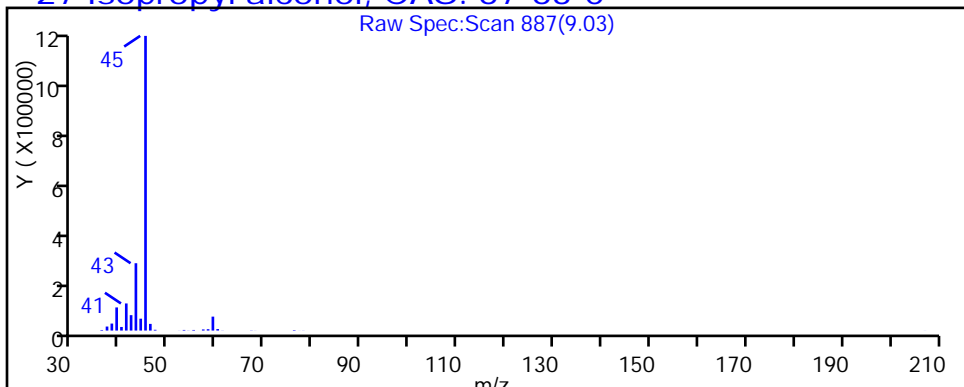
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

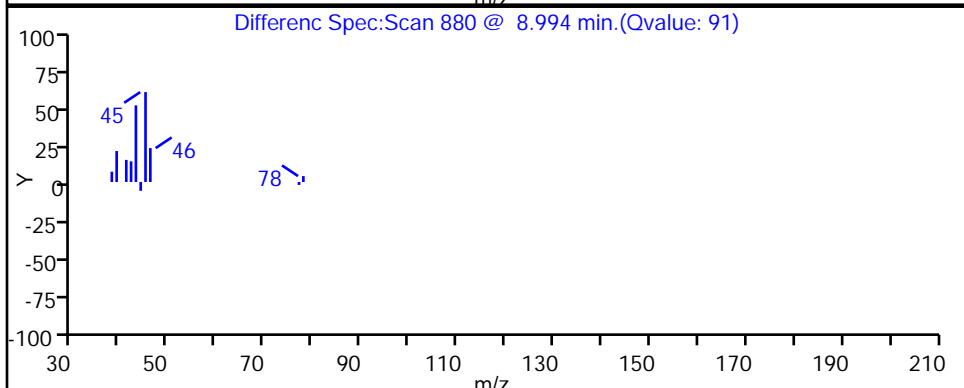
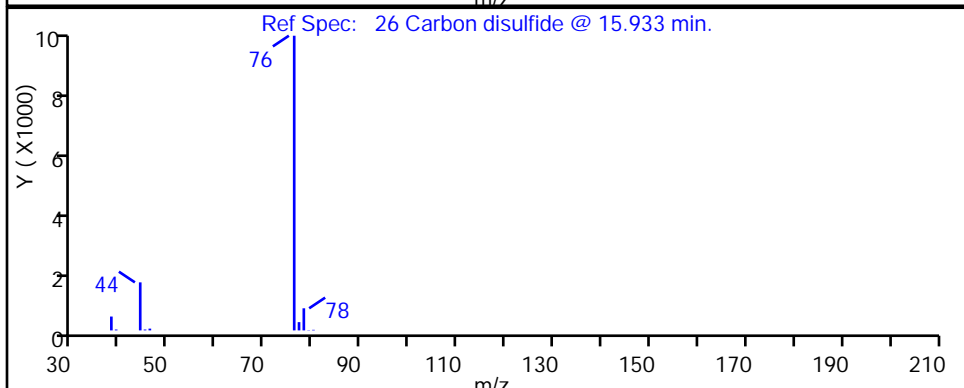
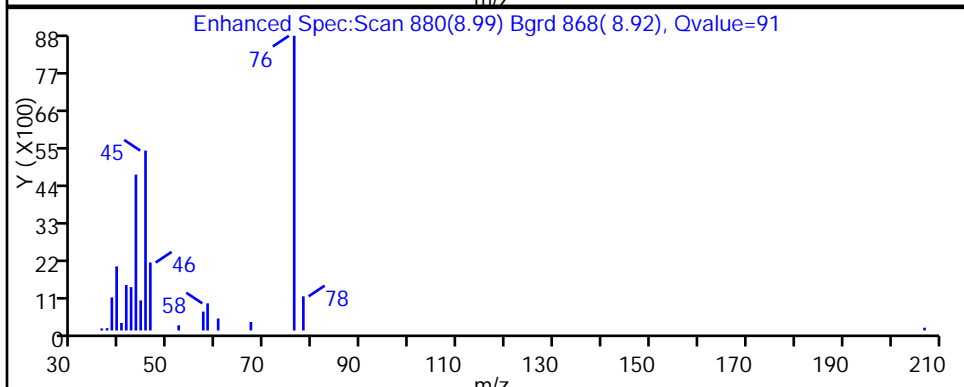
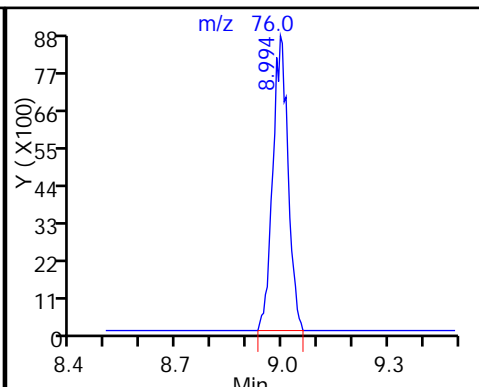
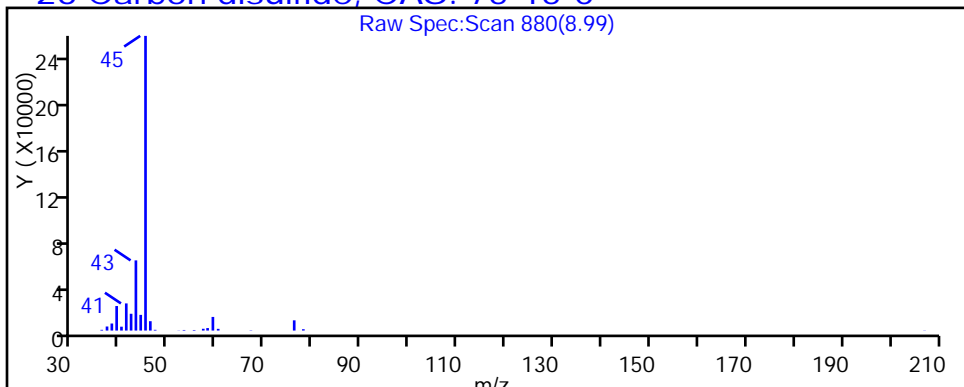
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

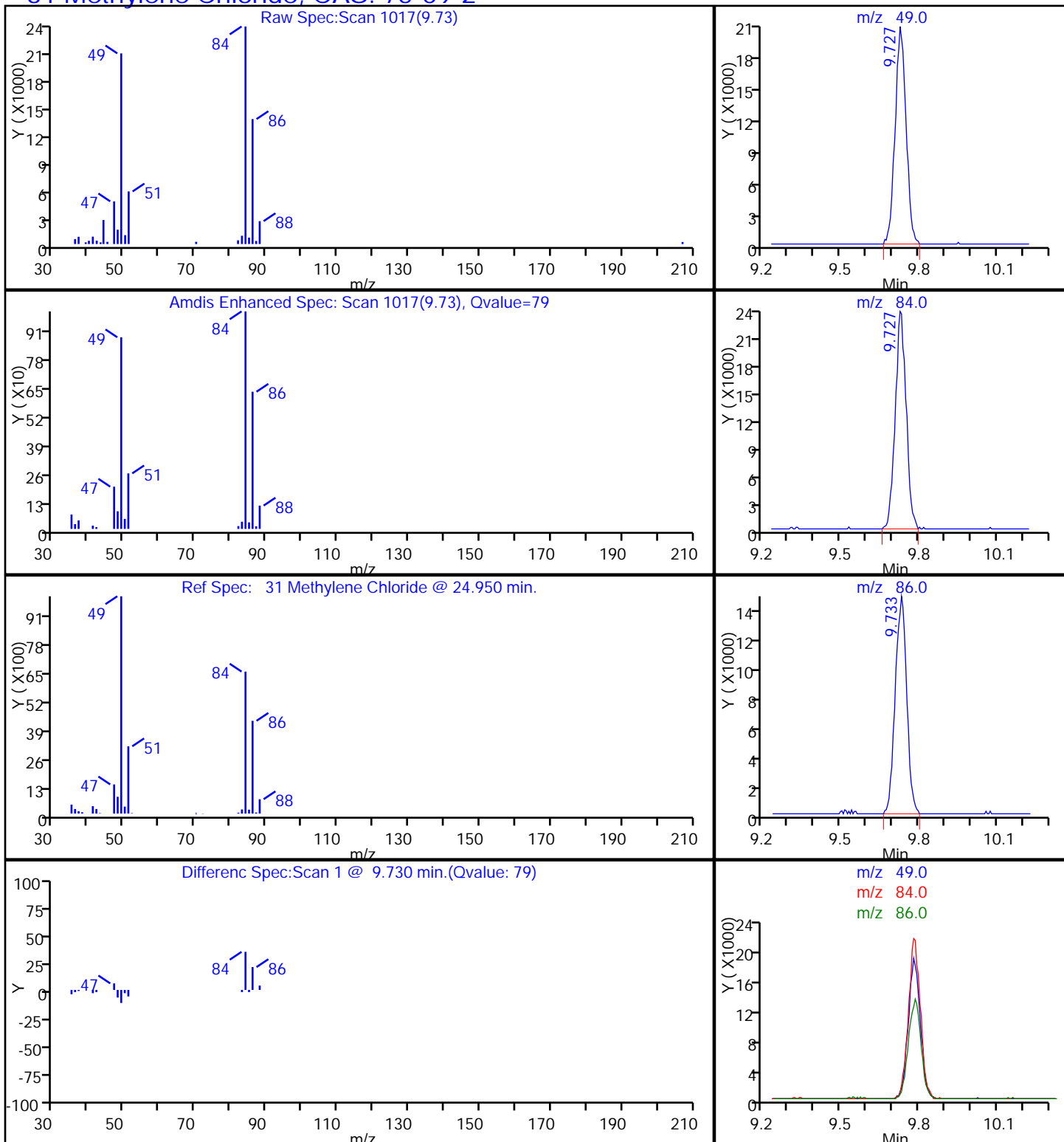
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

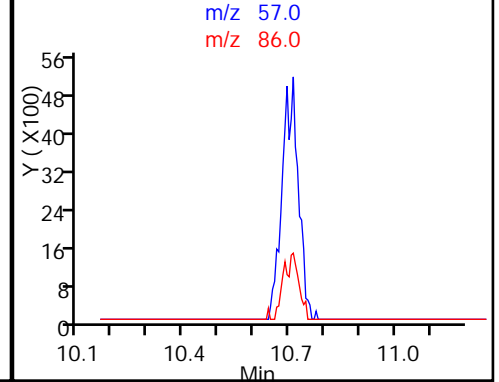
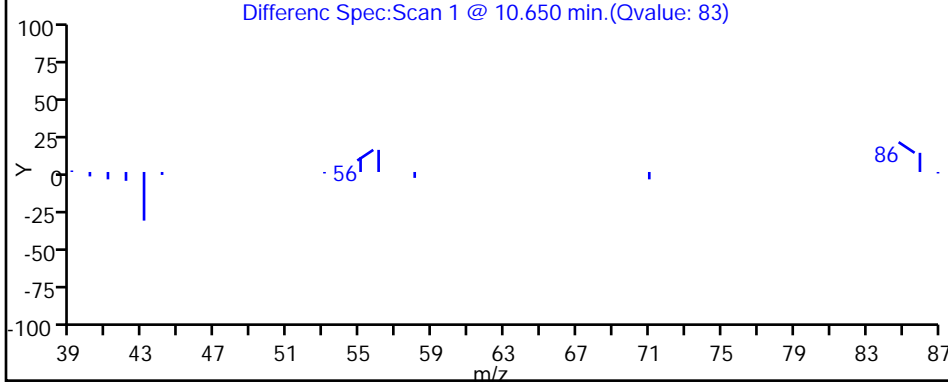
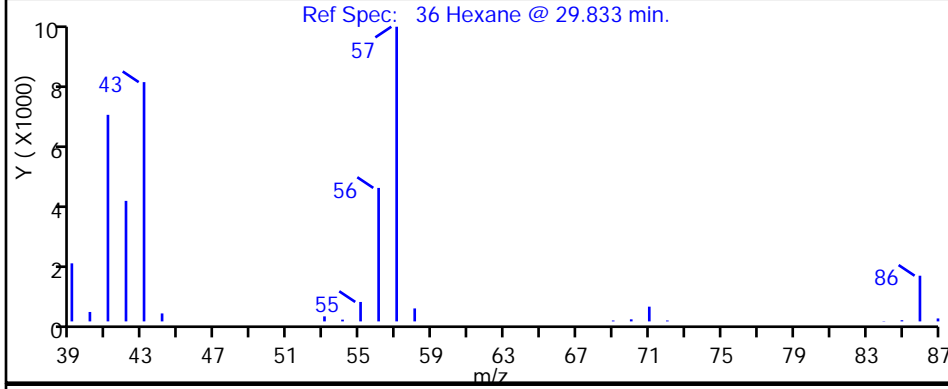
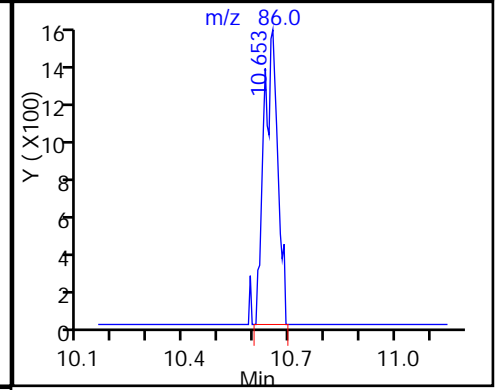
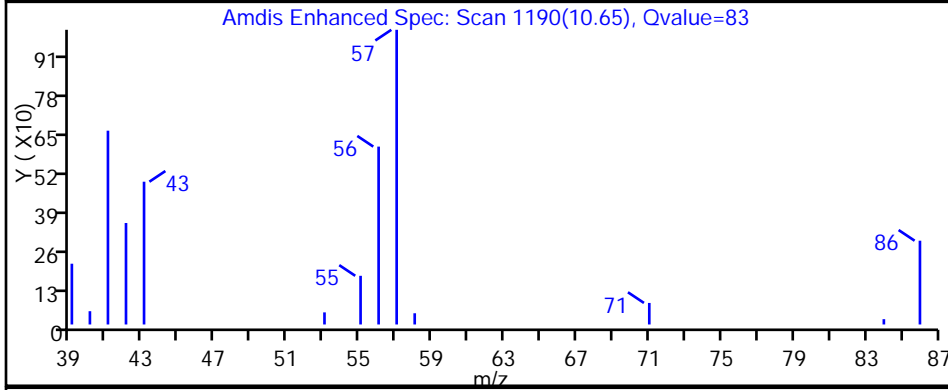
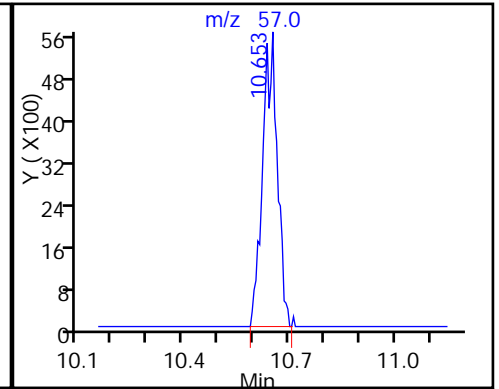
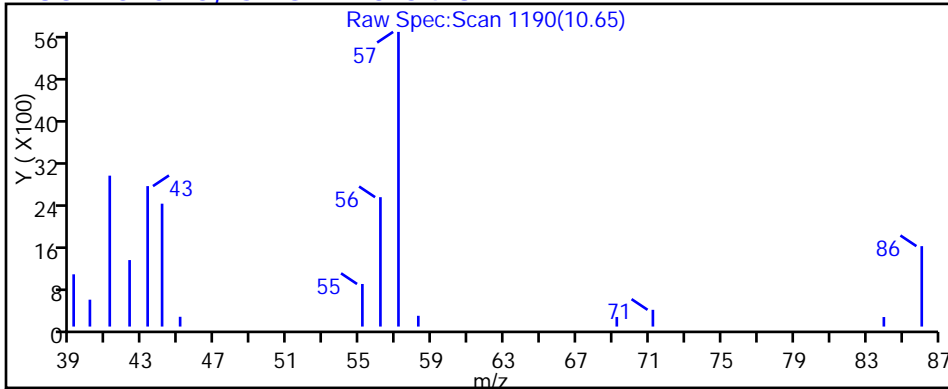
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

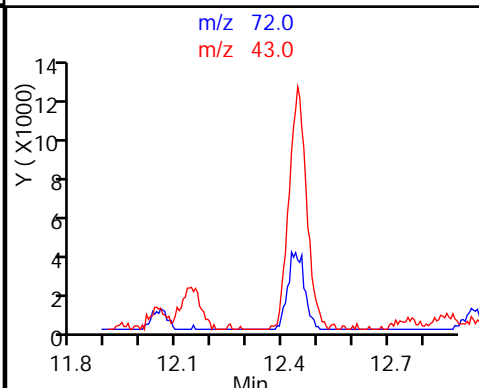
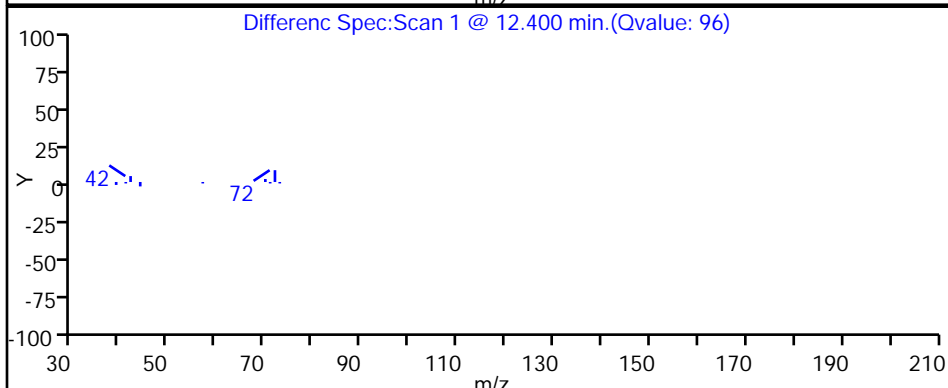
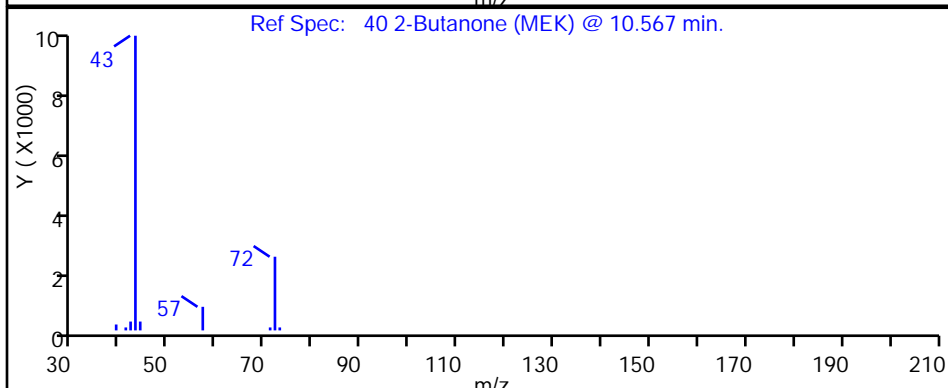
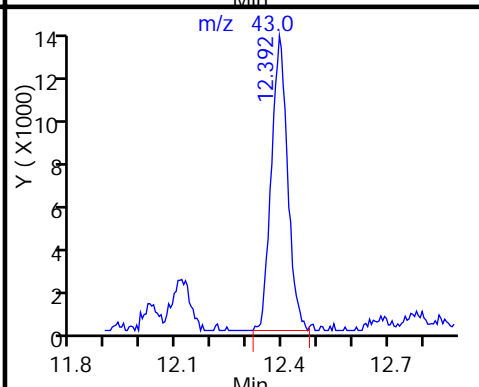
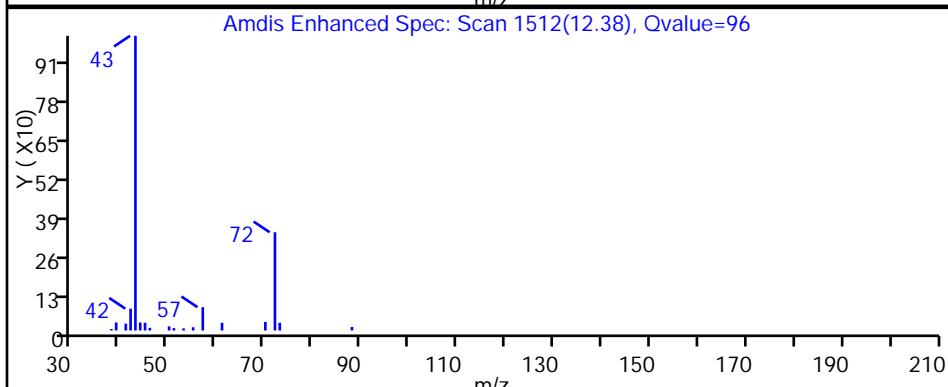
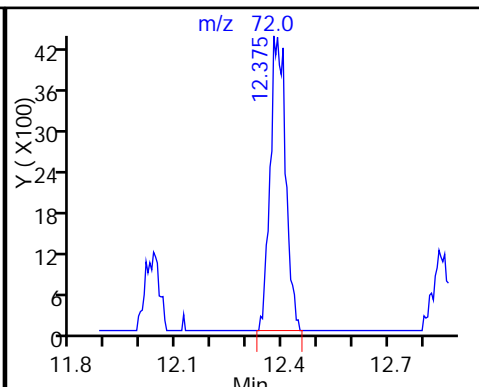
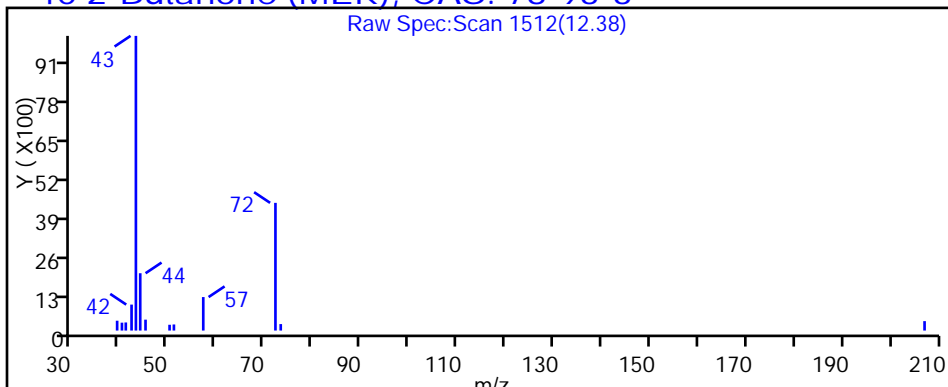
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

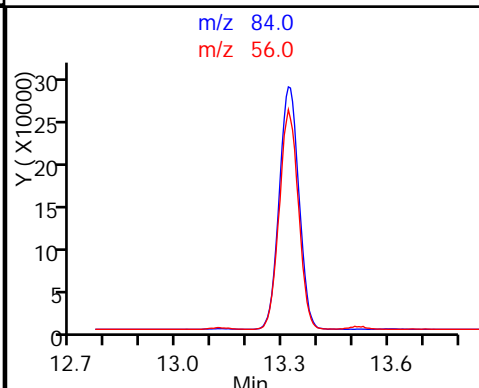
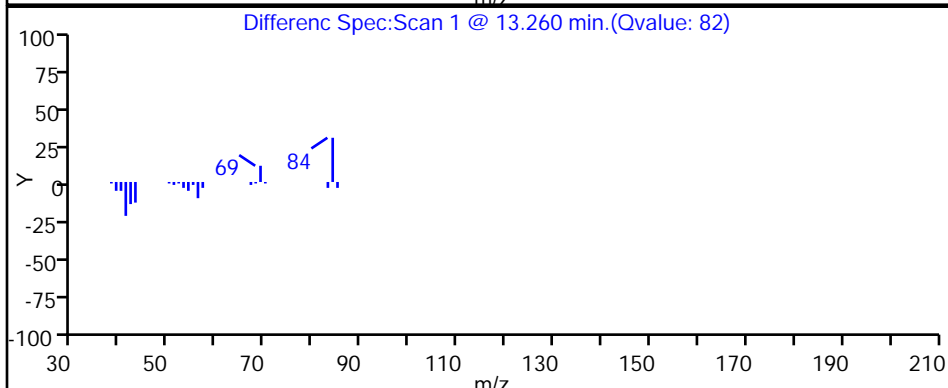
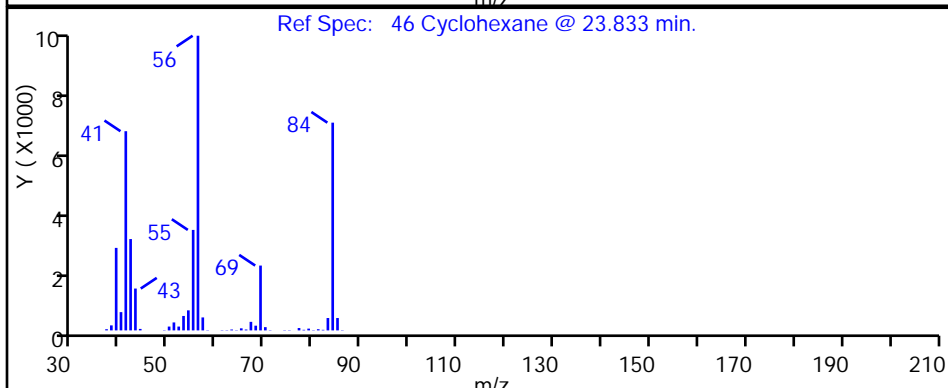
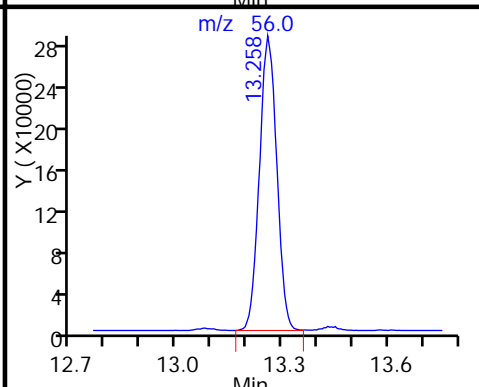
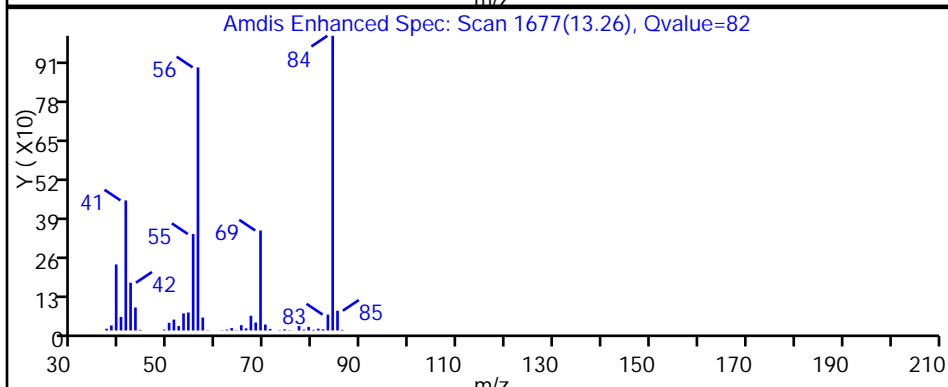
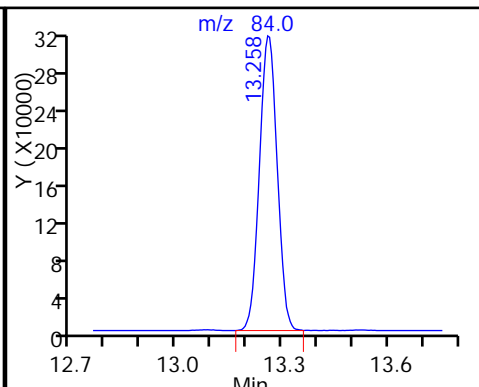
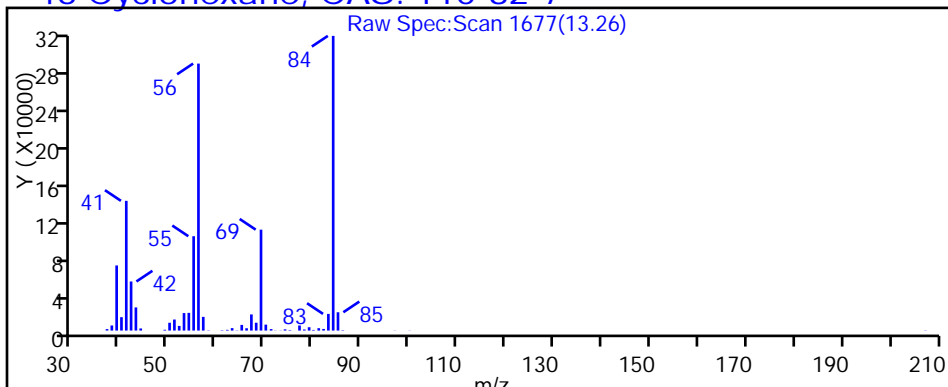
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

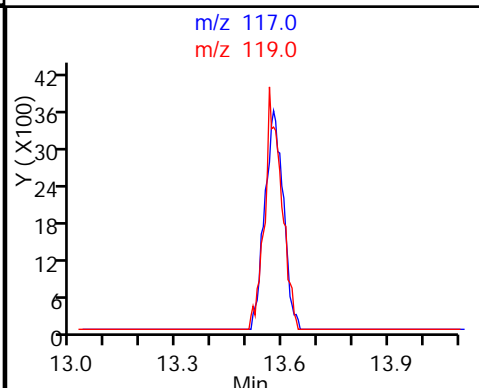
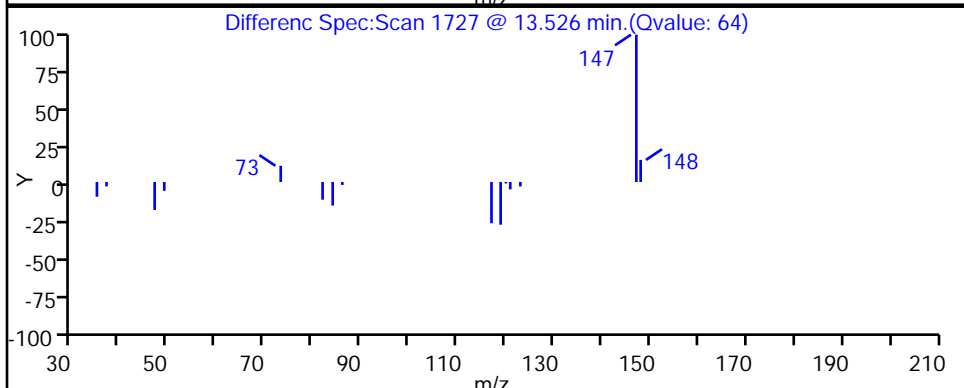
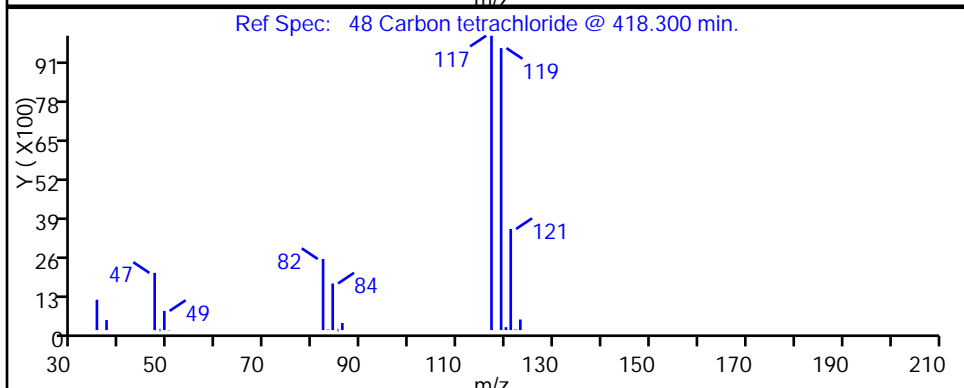
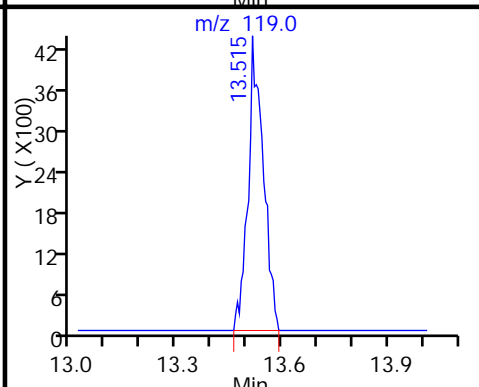
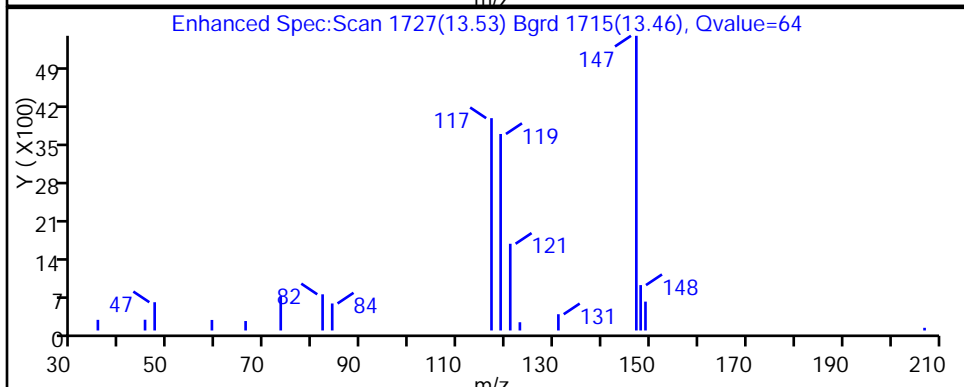
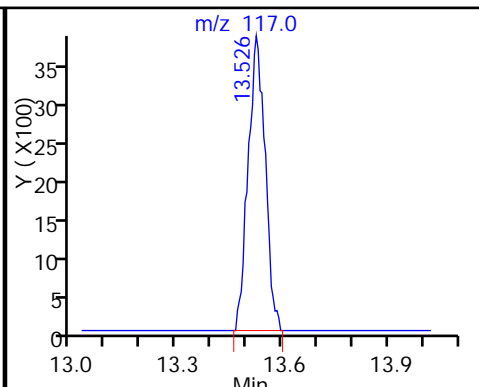
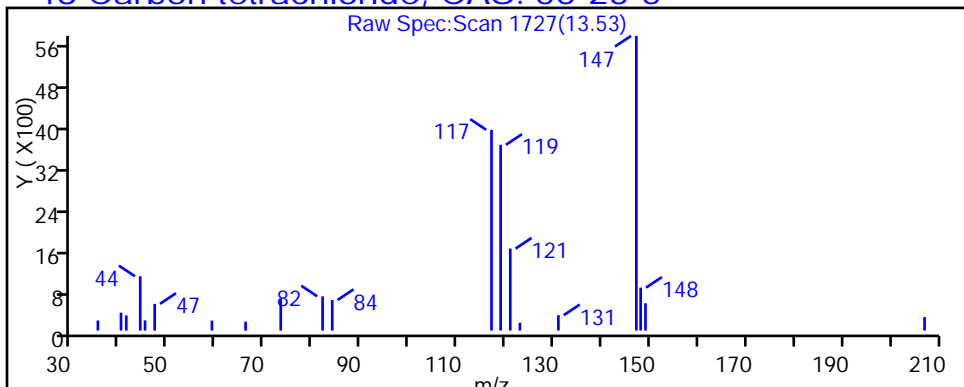
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

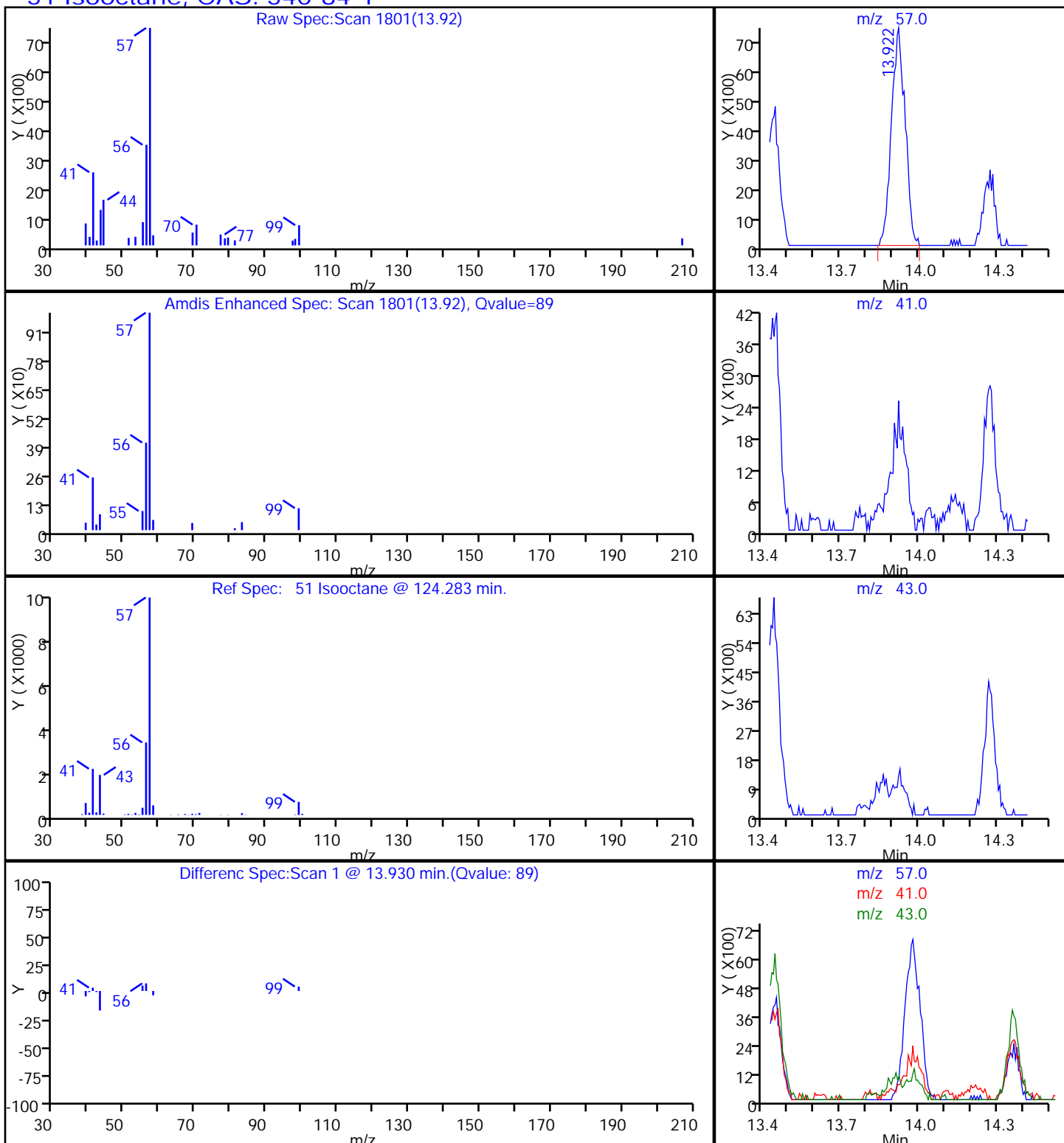
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

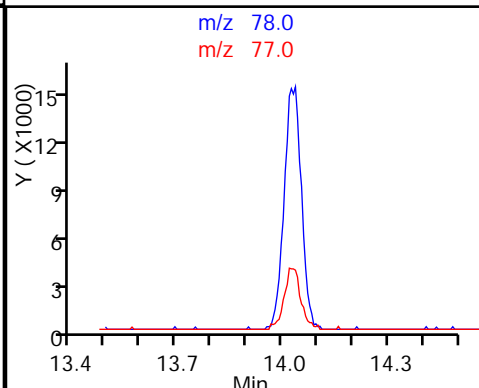
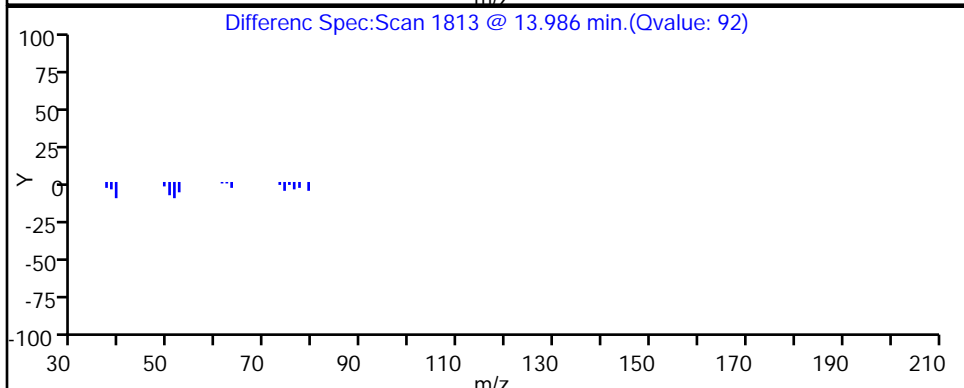
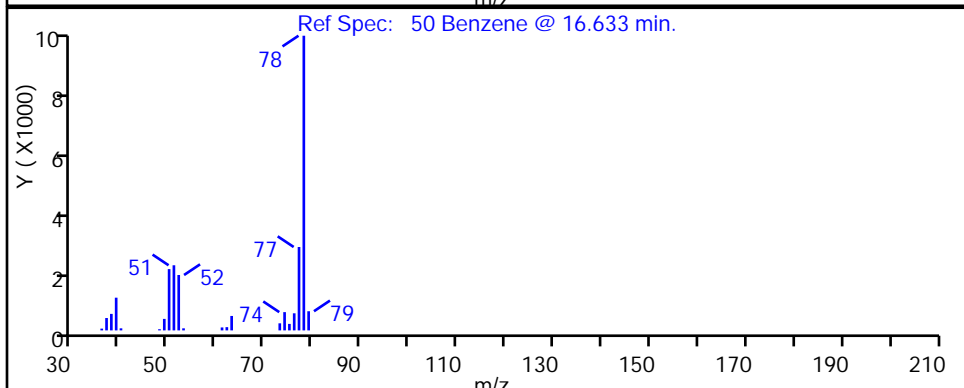
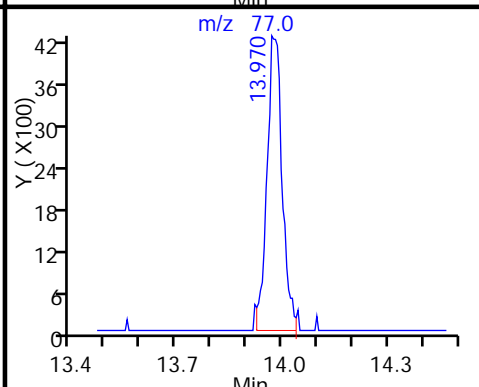
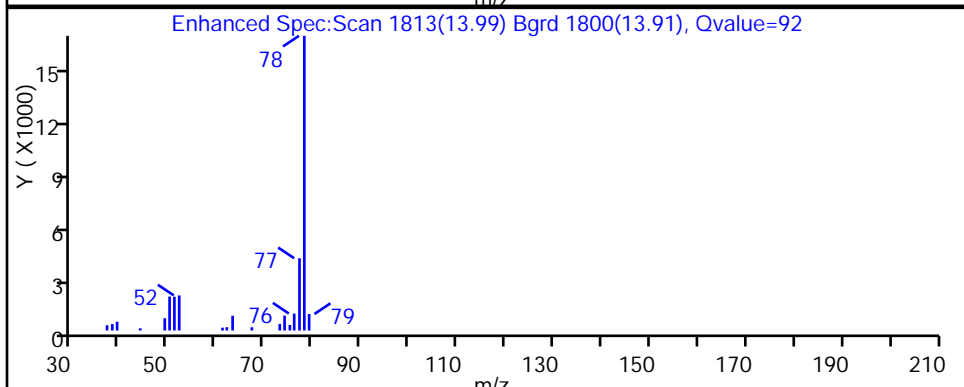
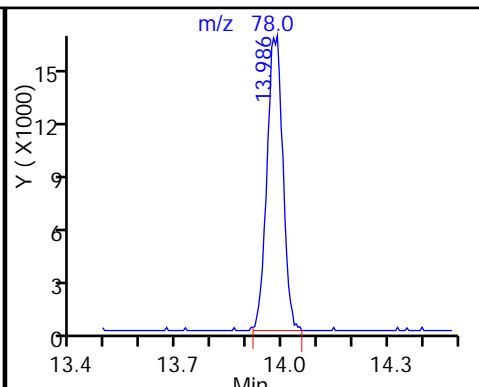
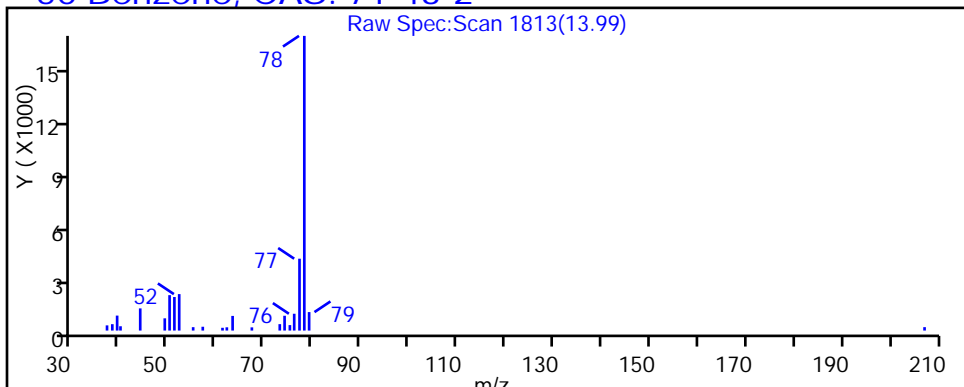
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

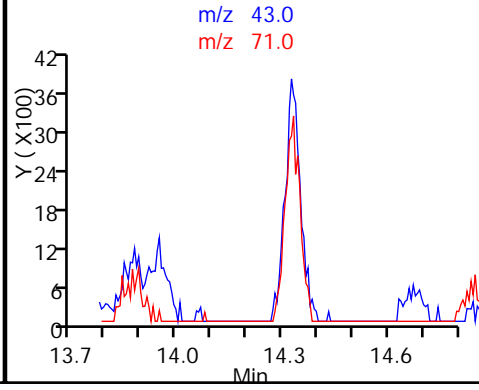
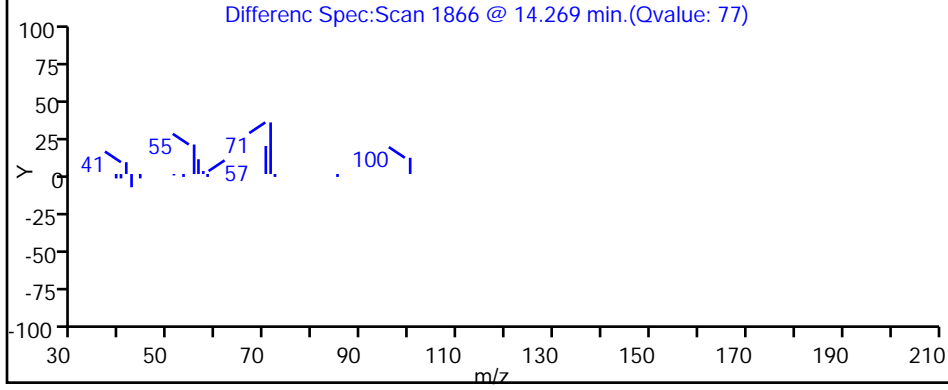
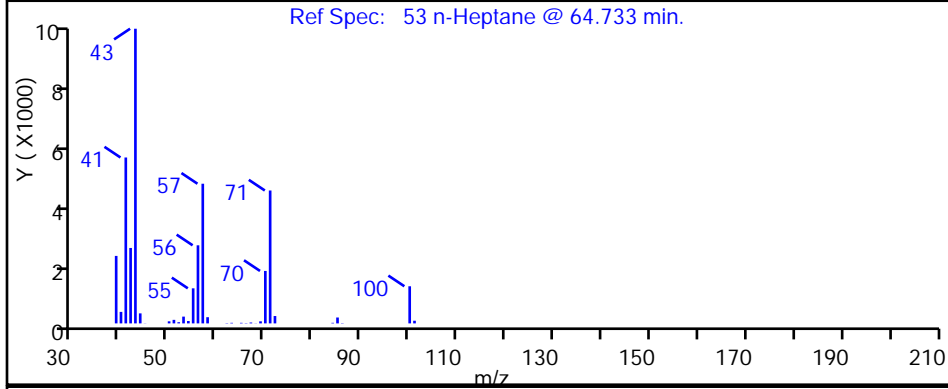
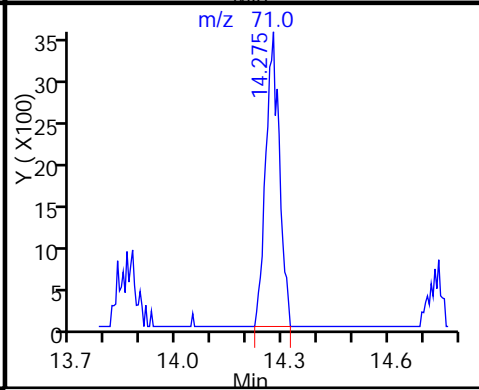
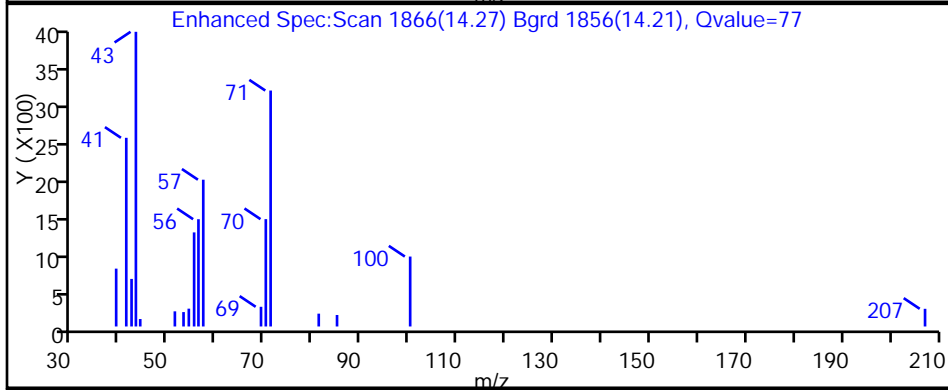
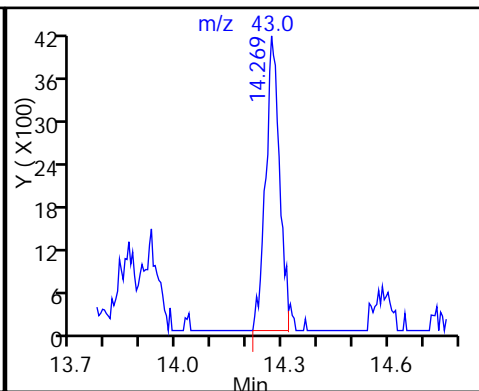
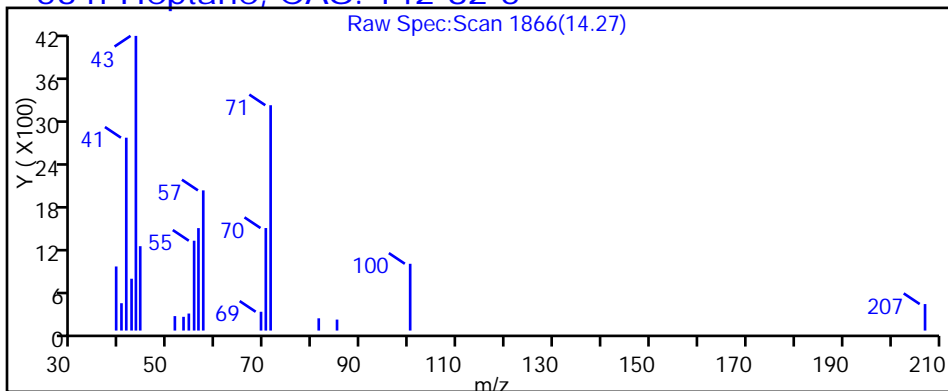
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

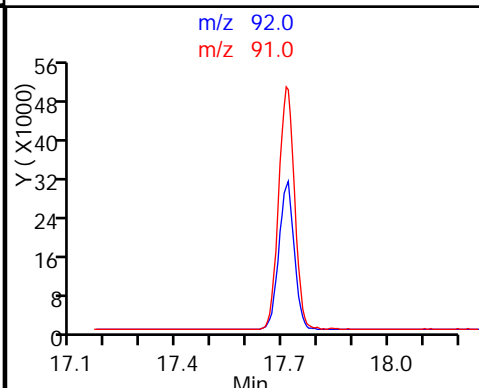
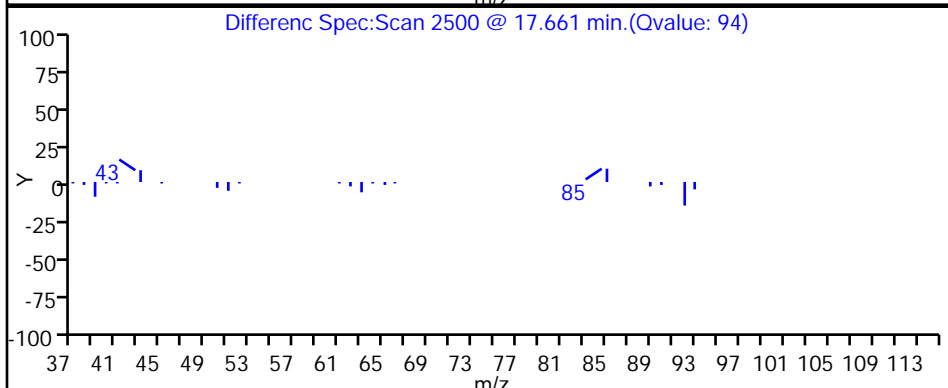
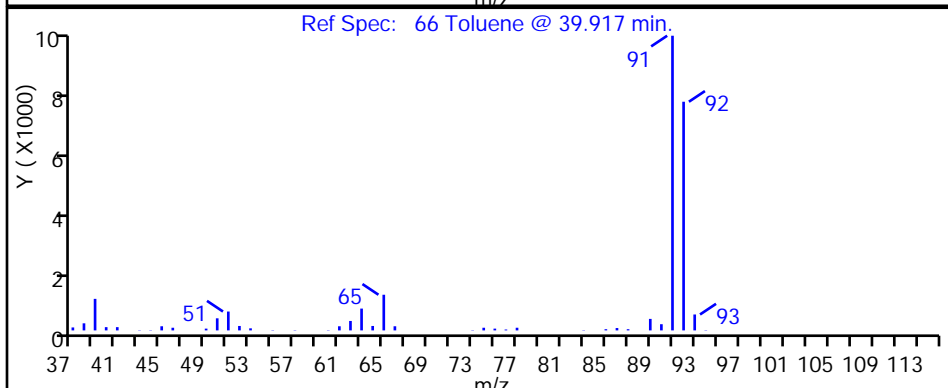
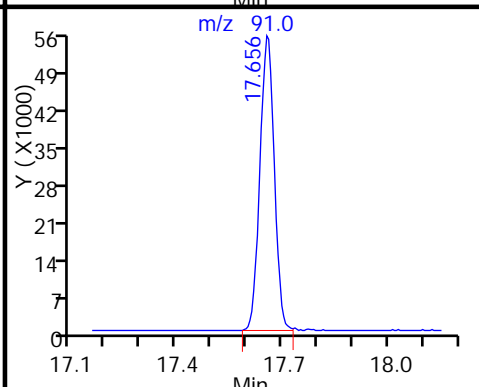
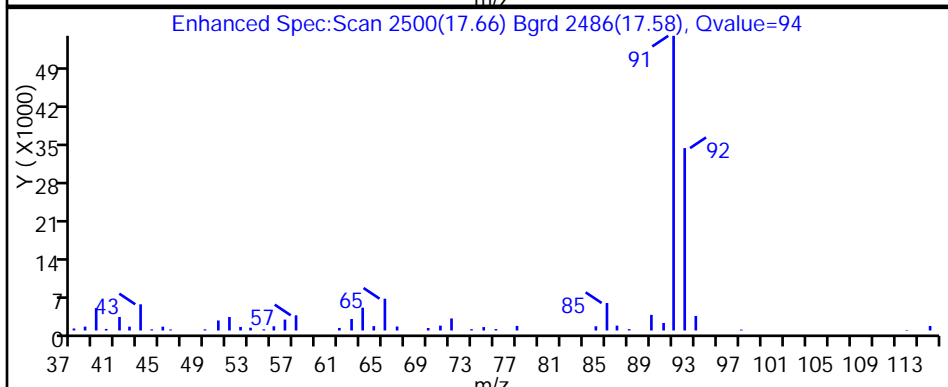
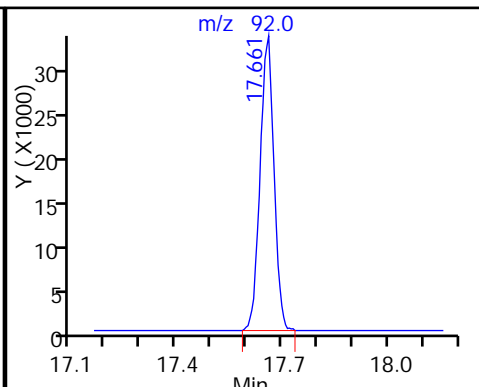
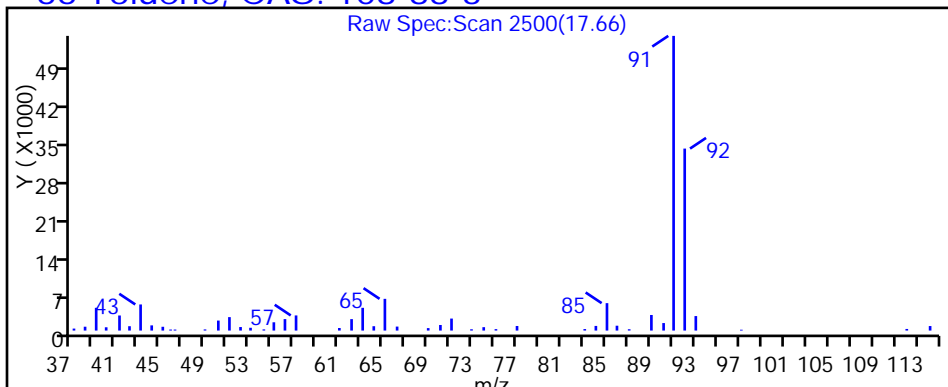
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

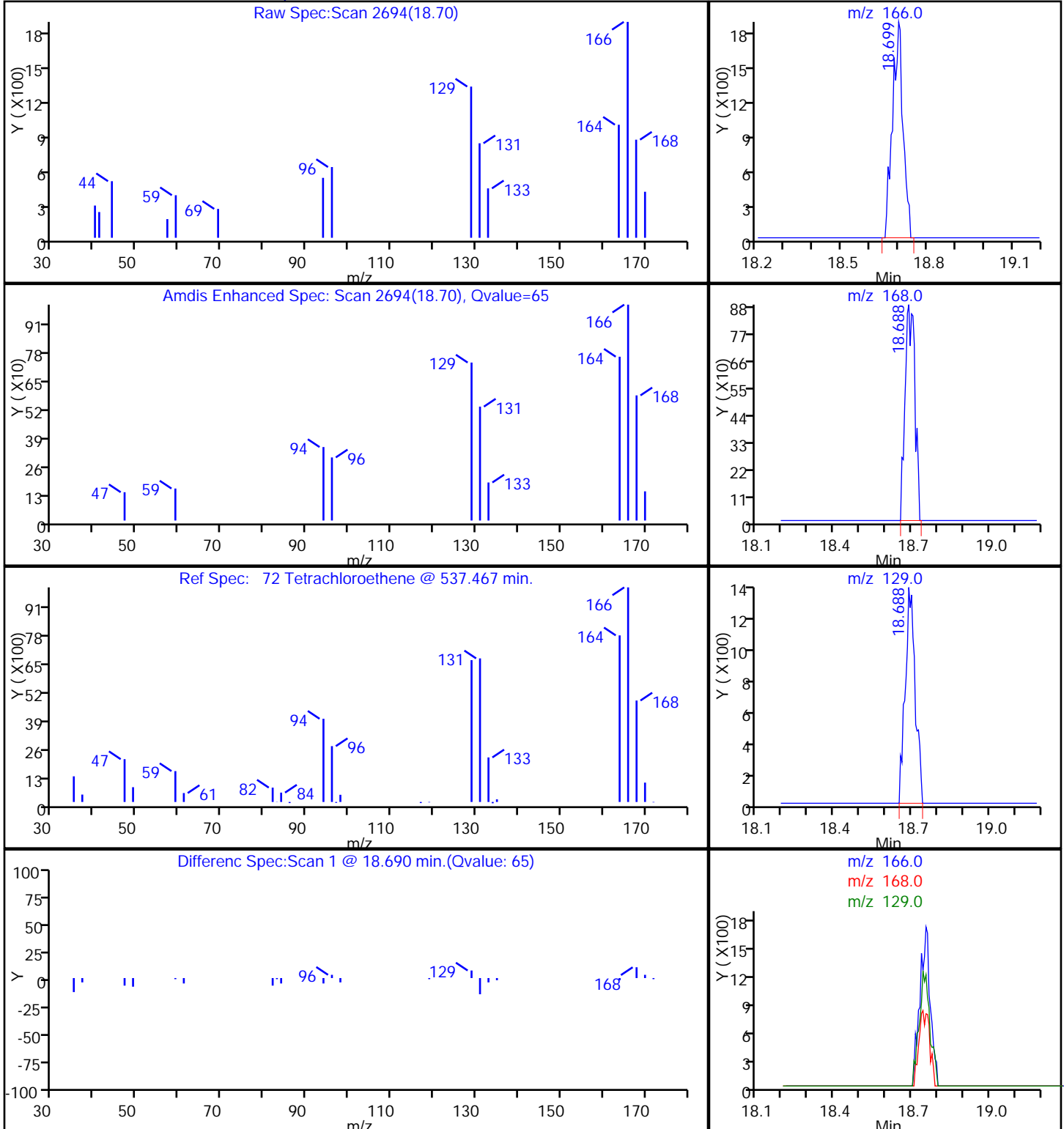
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

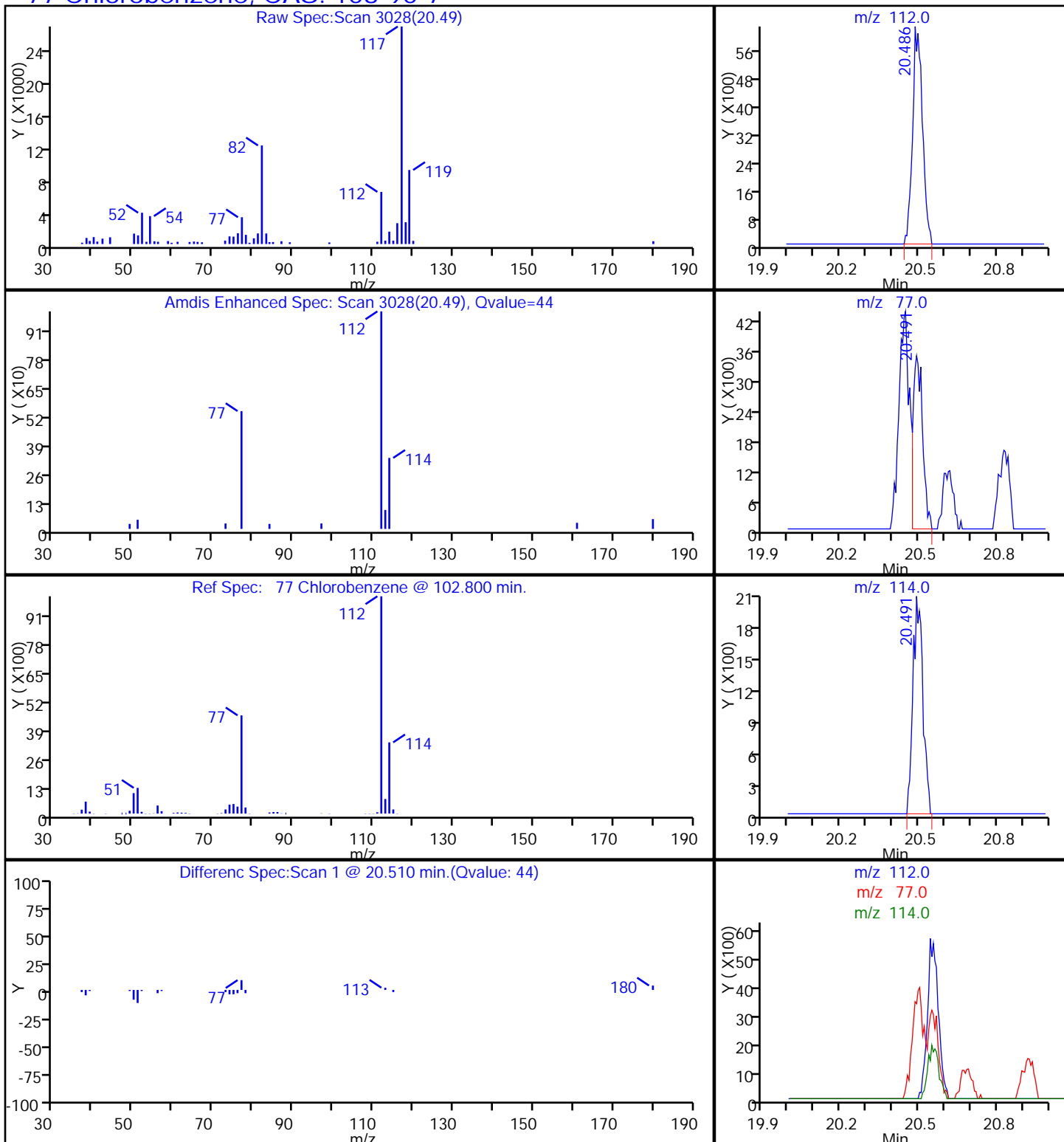
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

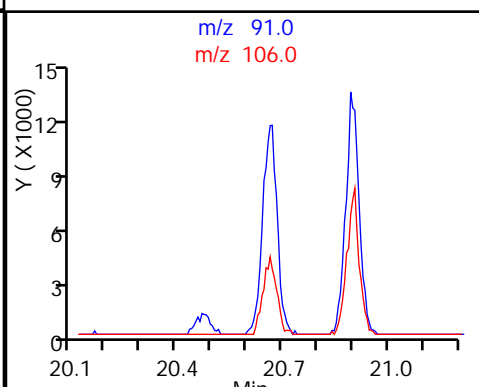
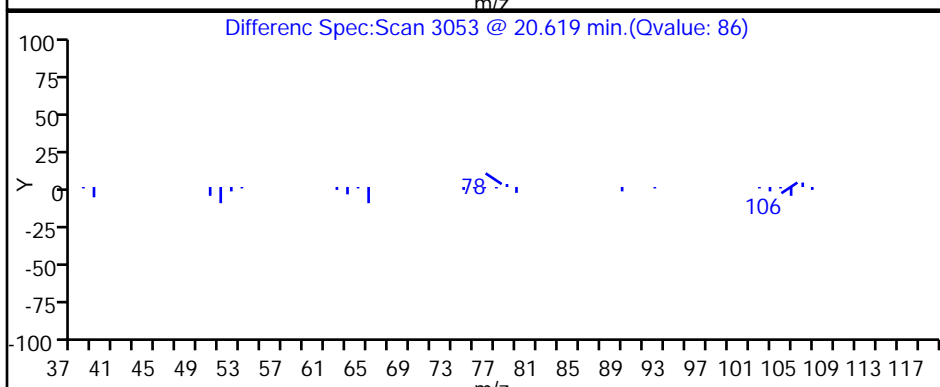
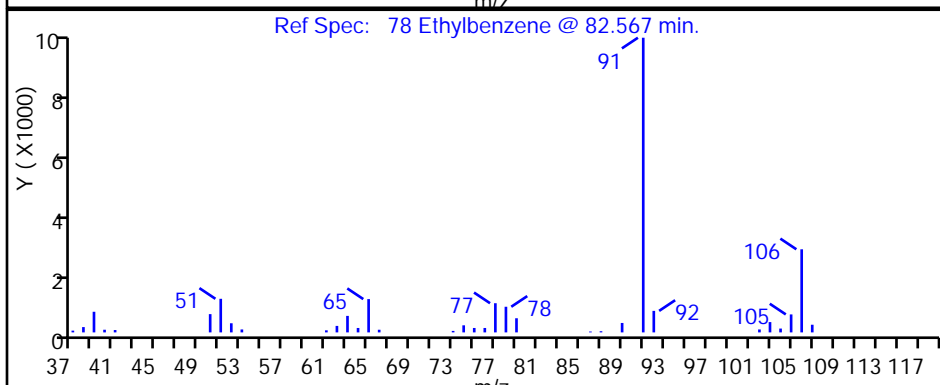
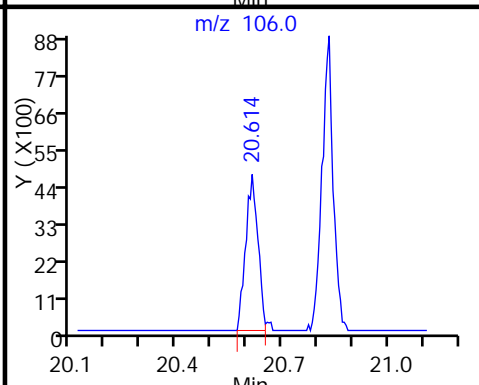
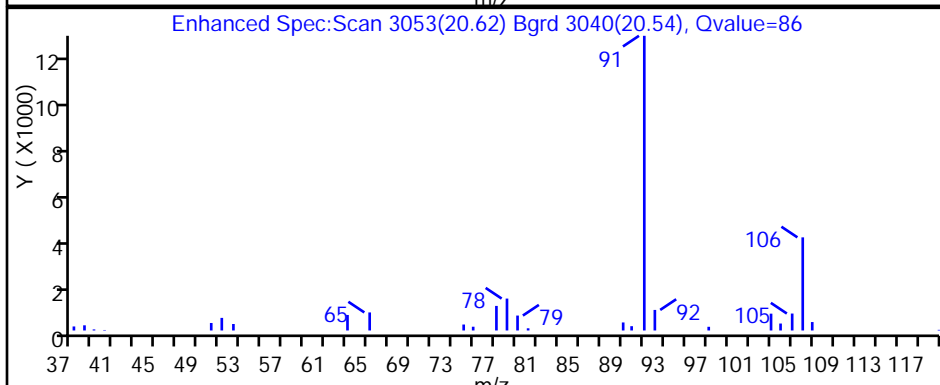
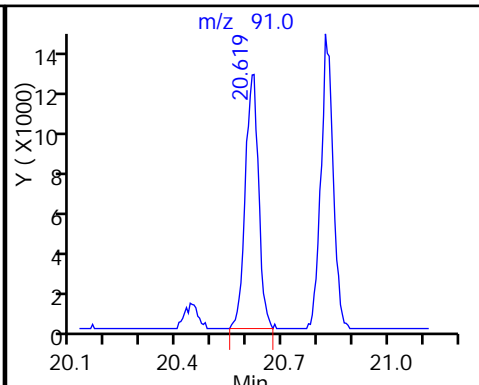
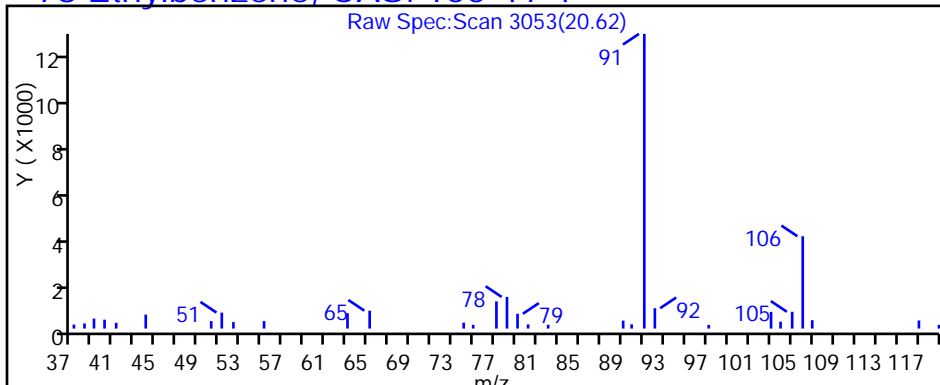
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

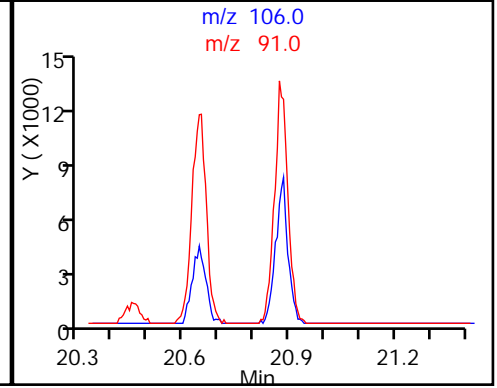
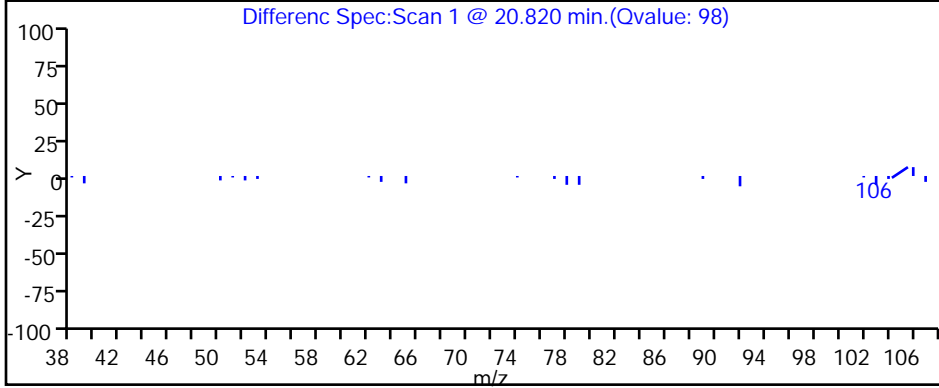
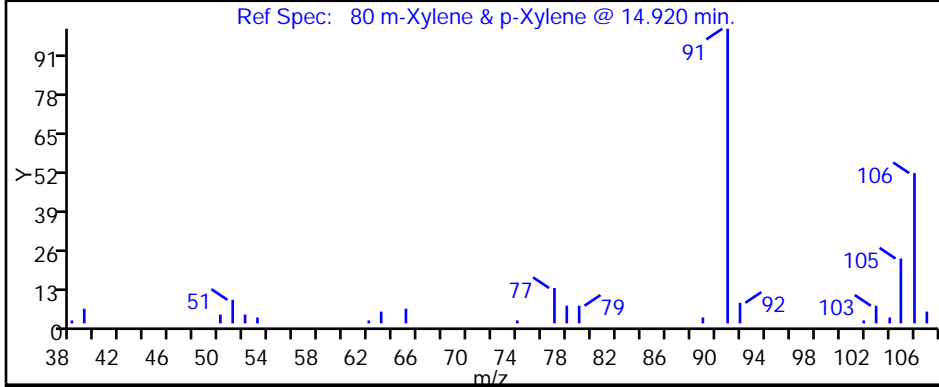
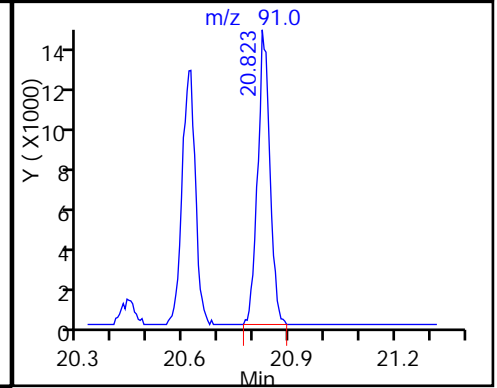
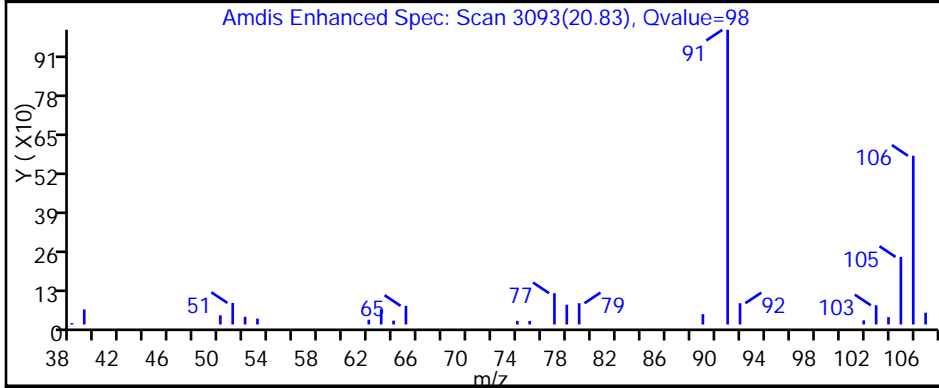
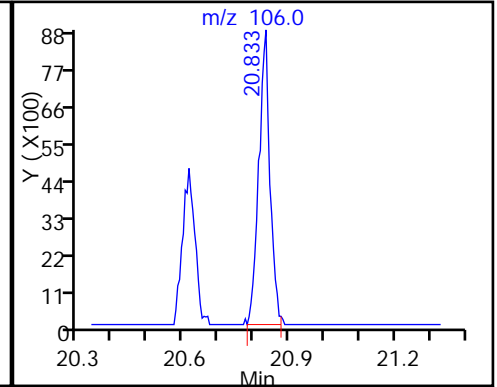
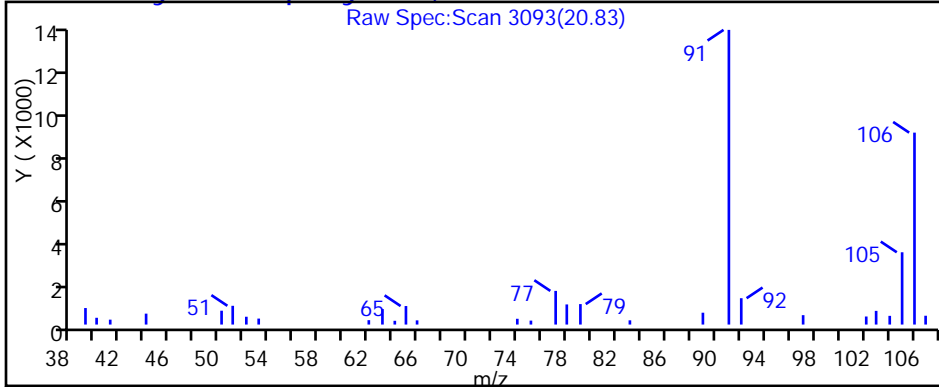
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

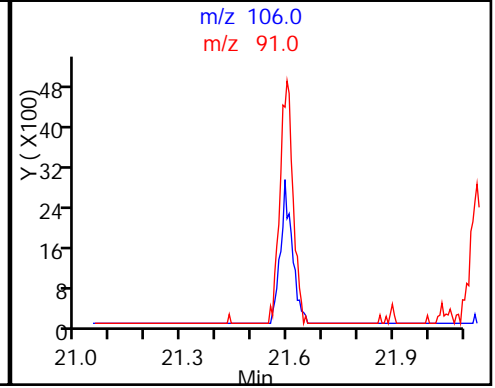
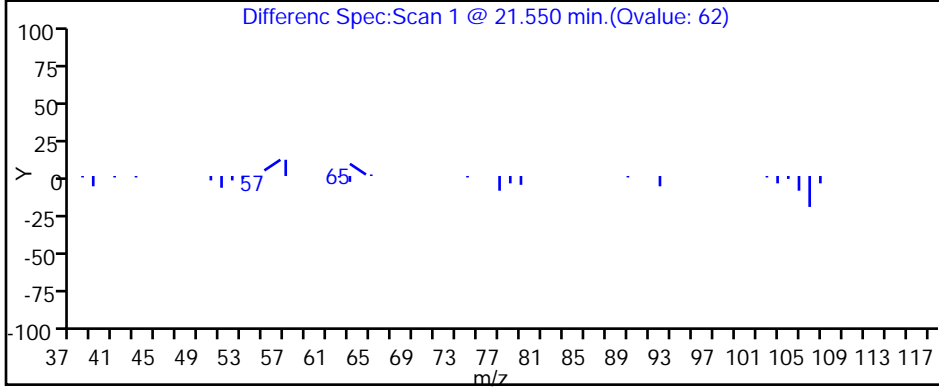
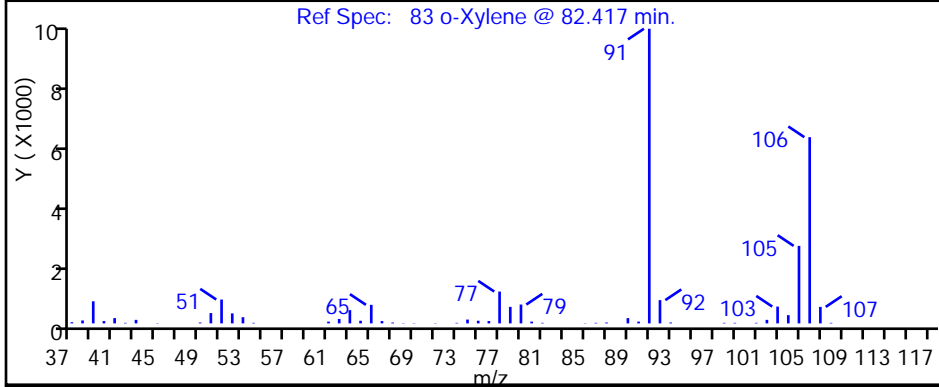
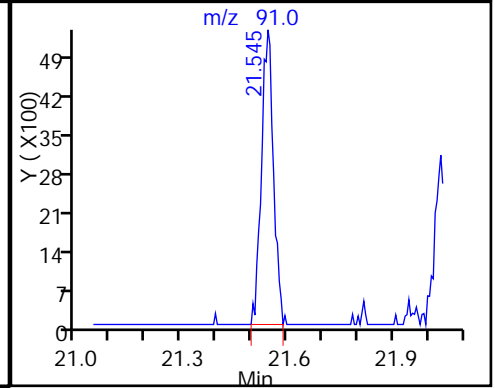
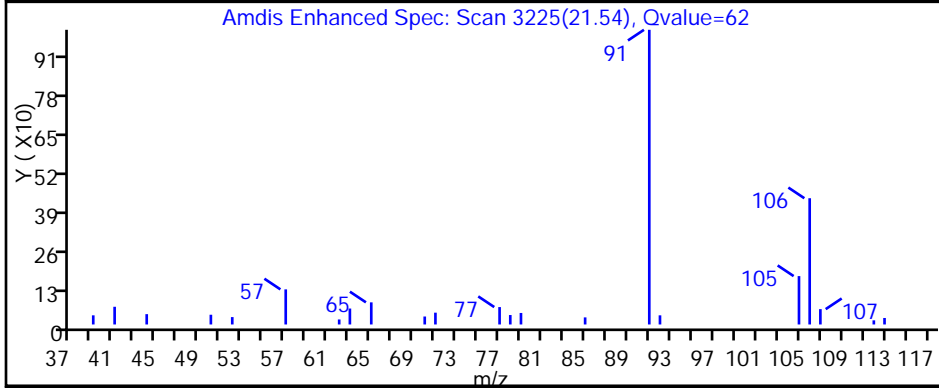
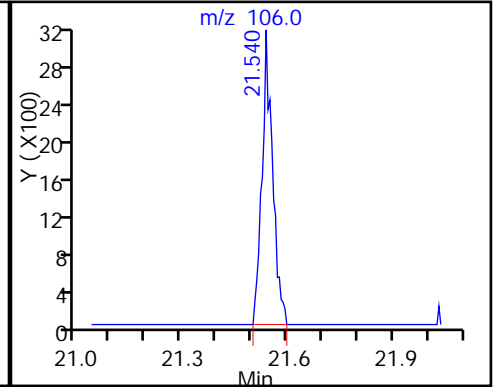
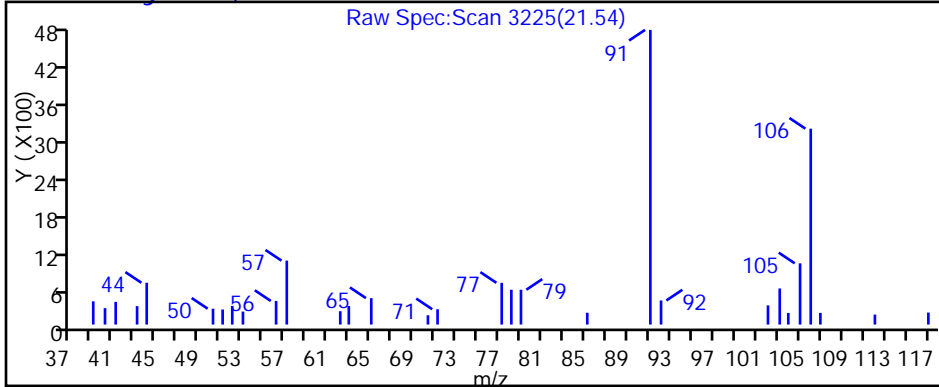
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

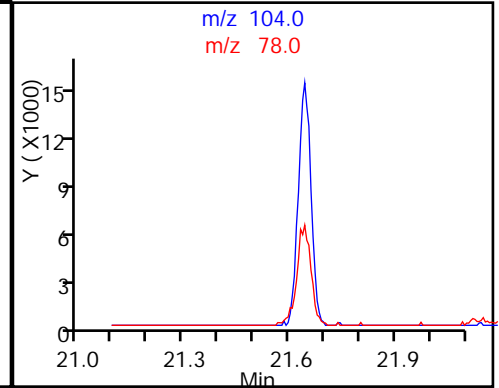
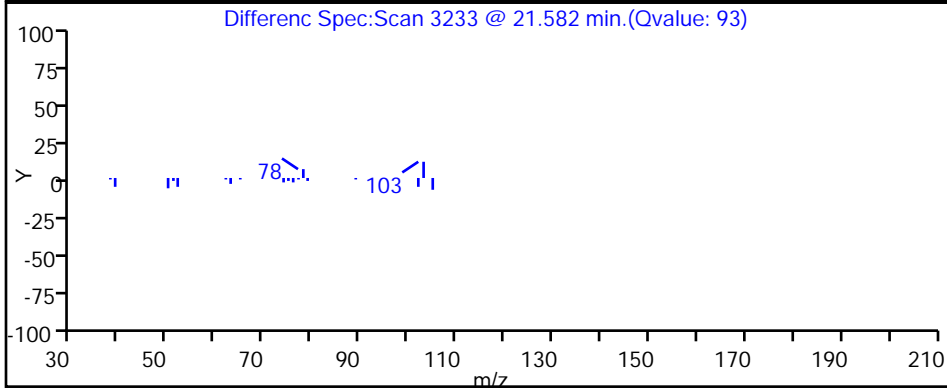
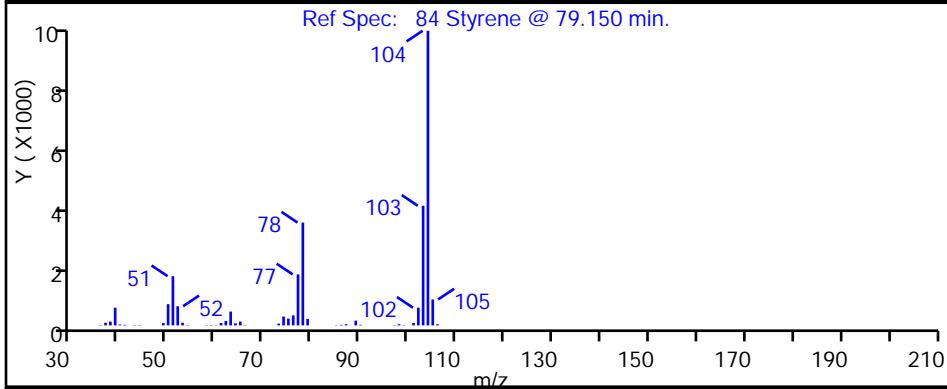
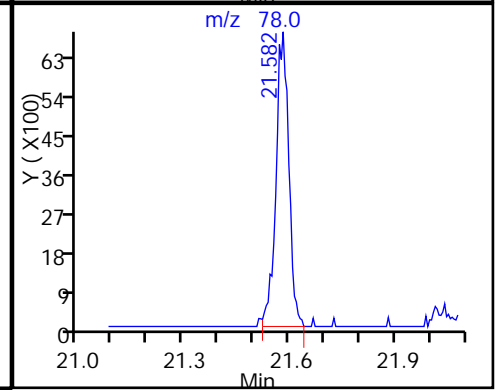
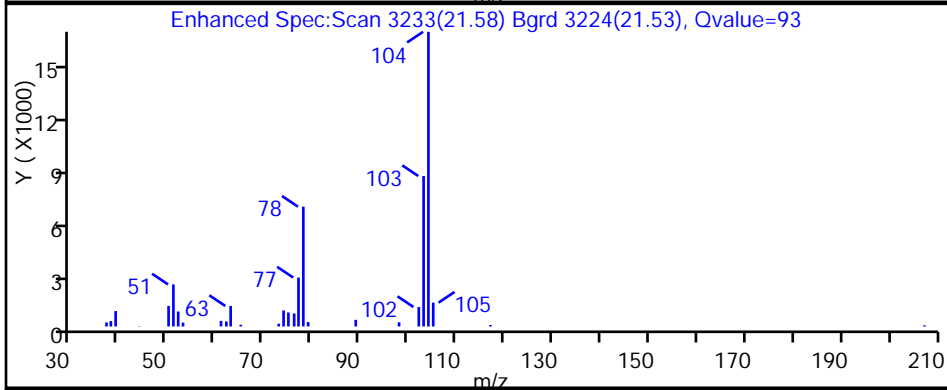
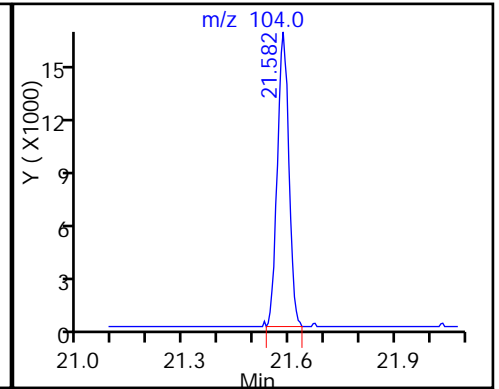
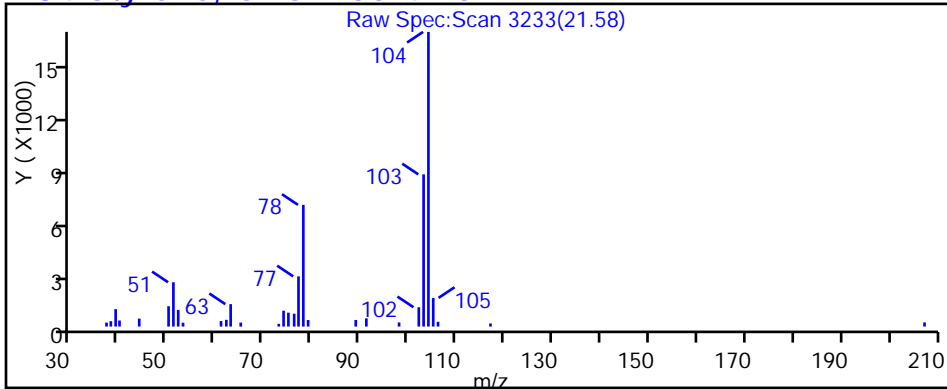
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

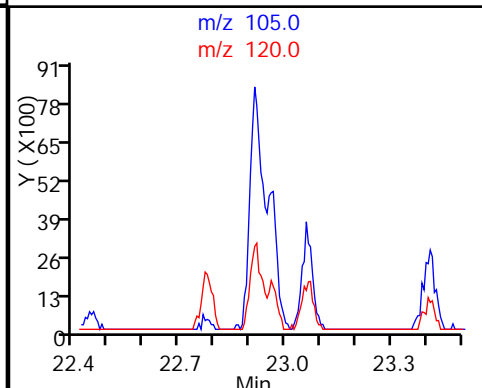
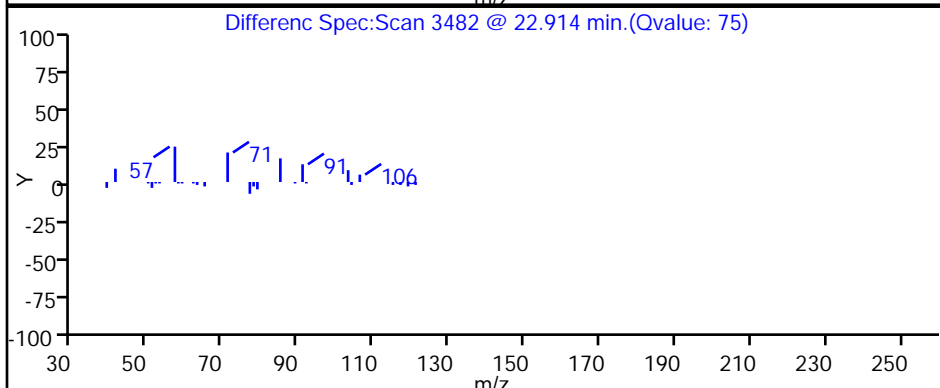
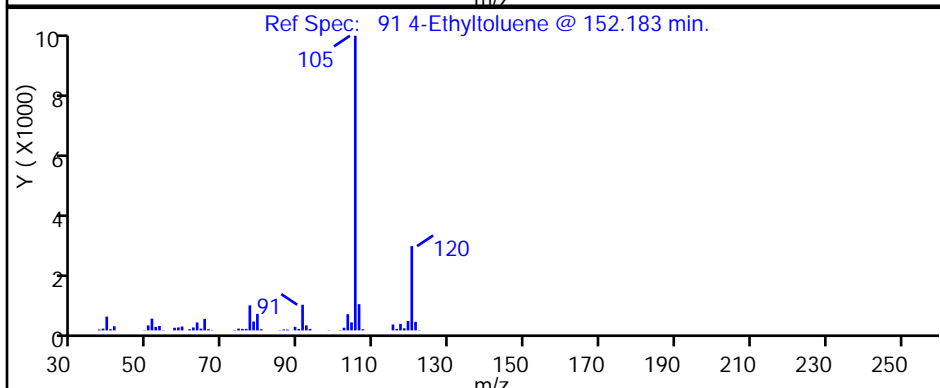
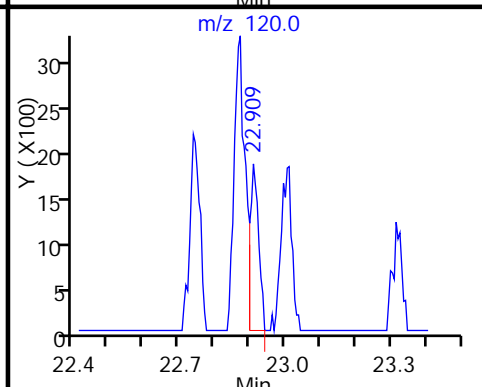
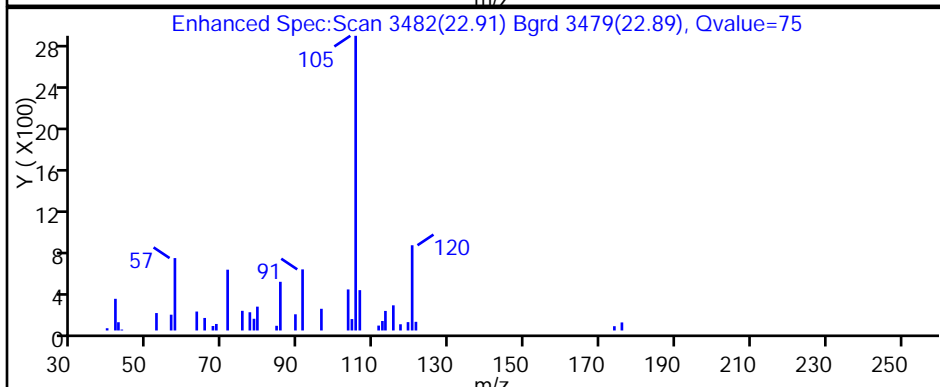
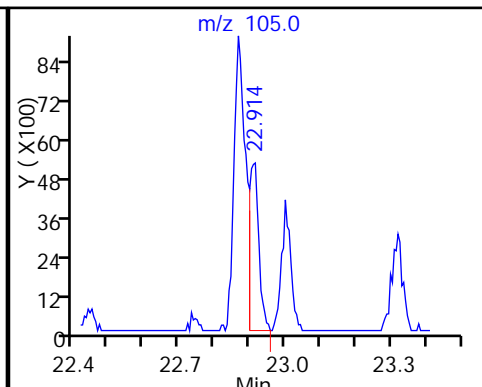
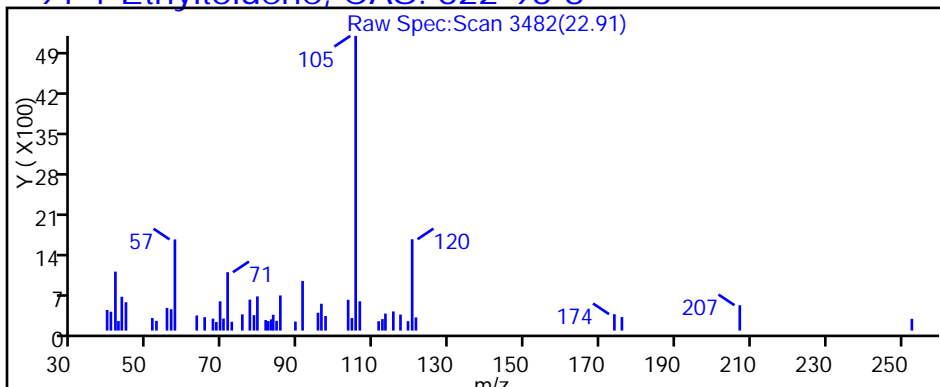
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

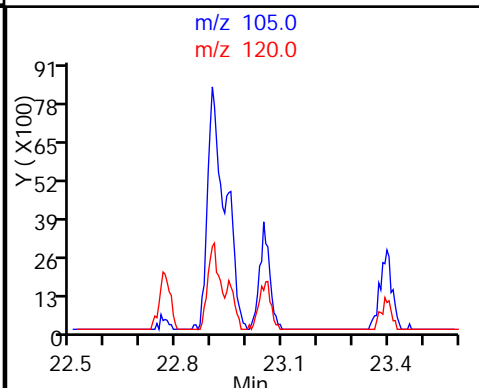
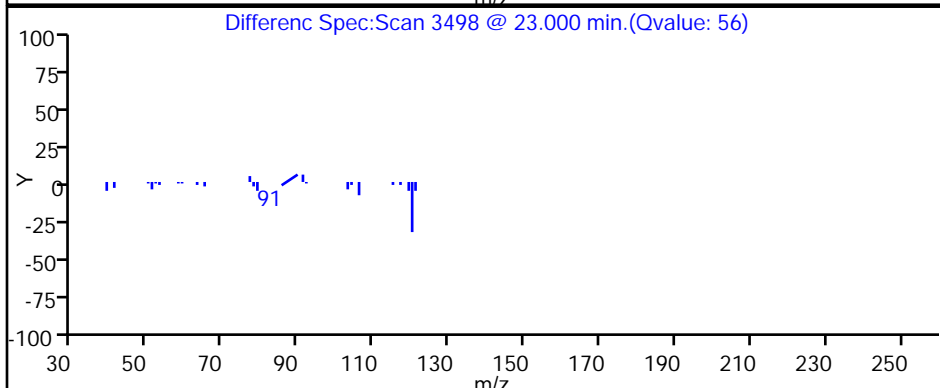
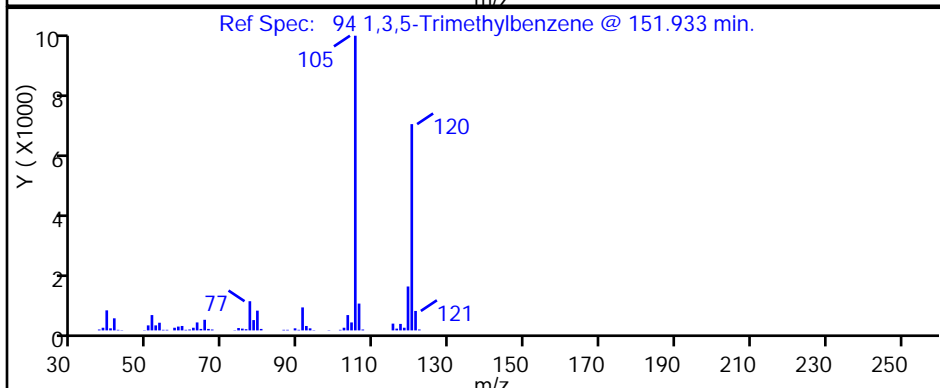
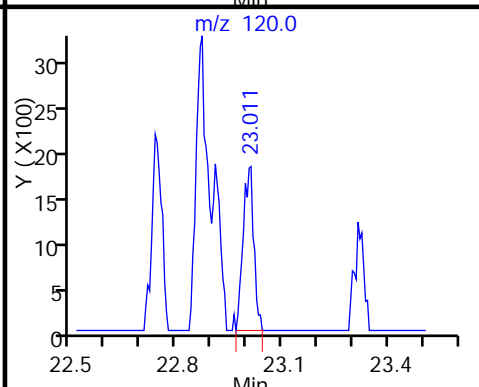
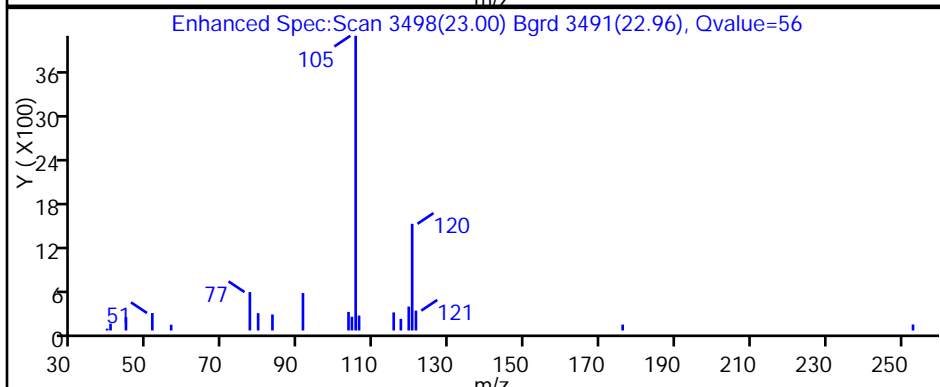
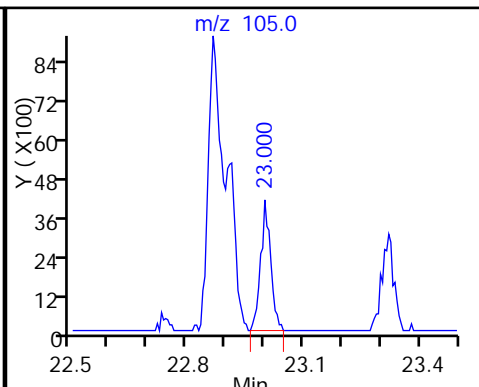
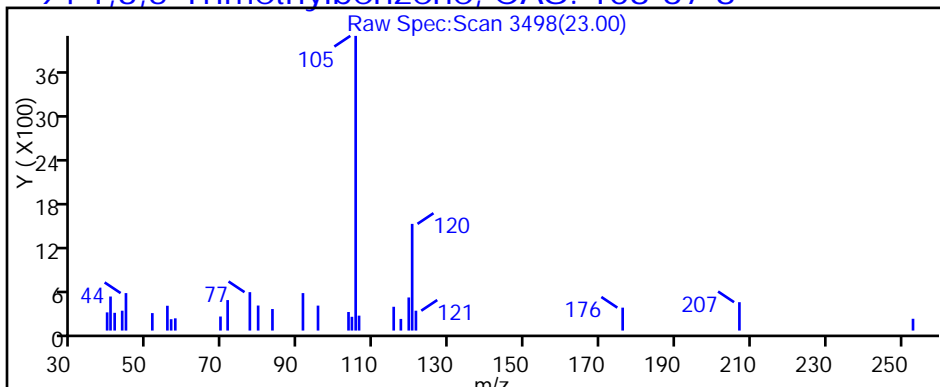
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d

Injection Date: 24-Feb-2014 18:25:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-31

Lab Sample ID: 200-20955-31

Client ID: IA-DUP-021214

Operator ID: bl

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

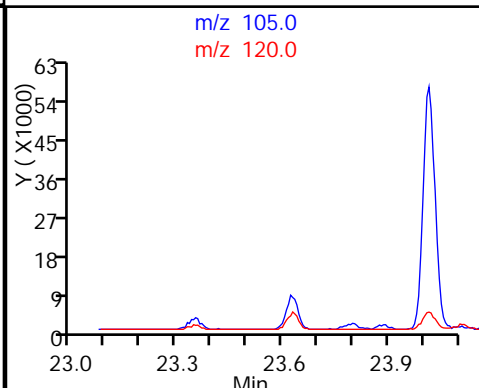
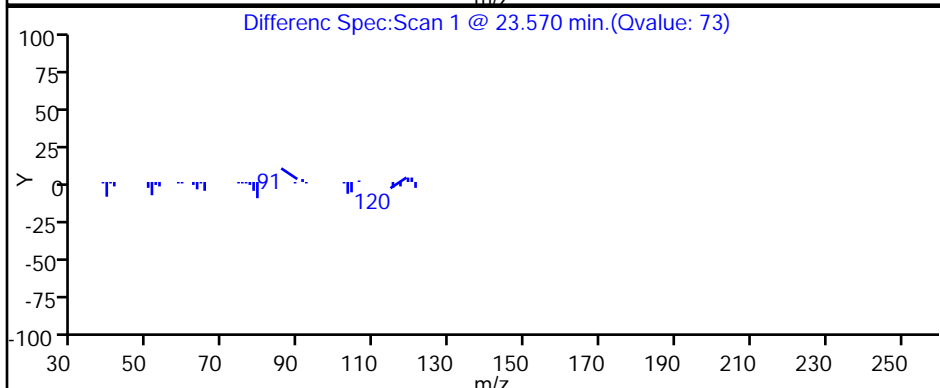
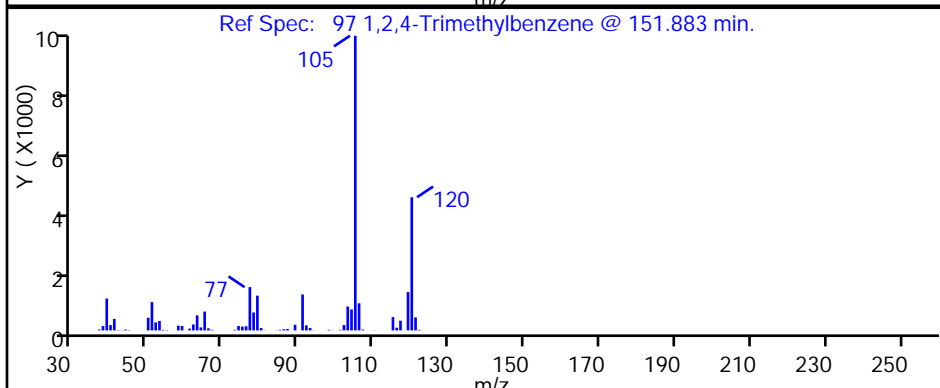
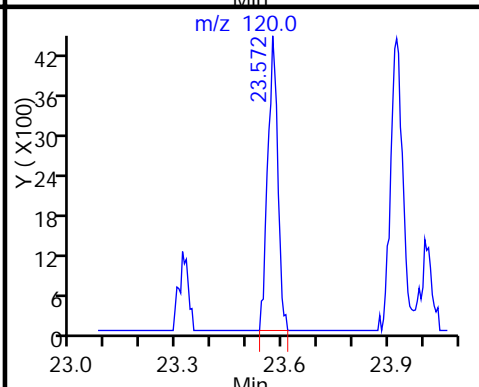
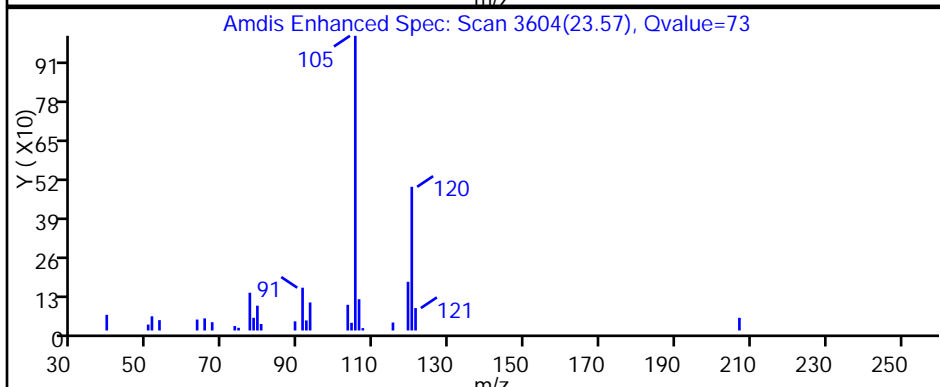
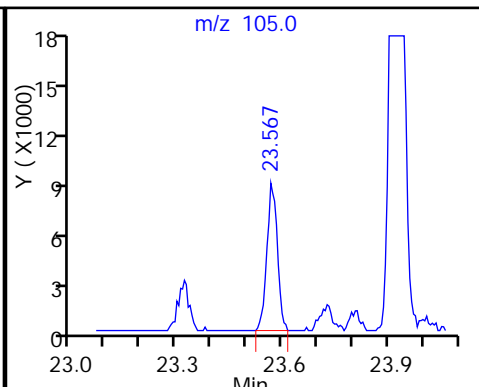
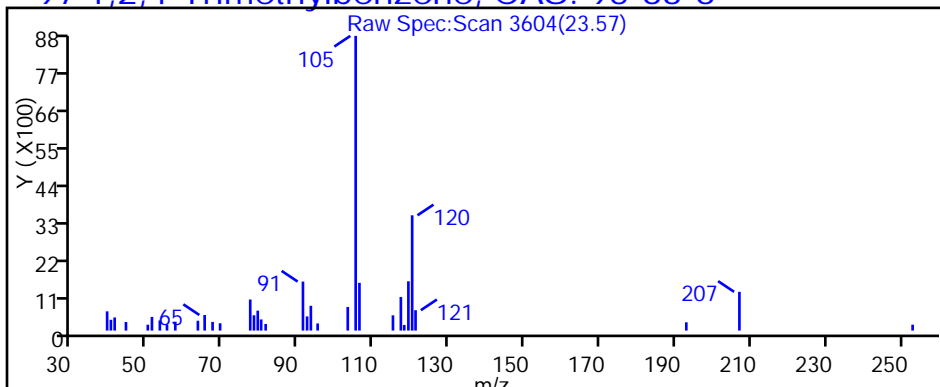
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



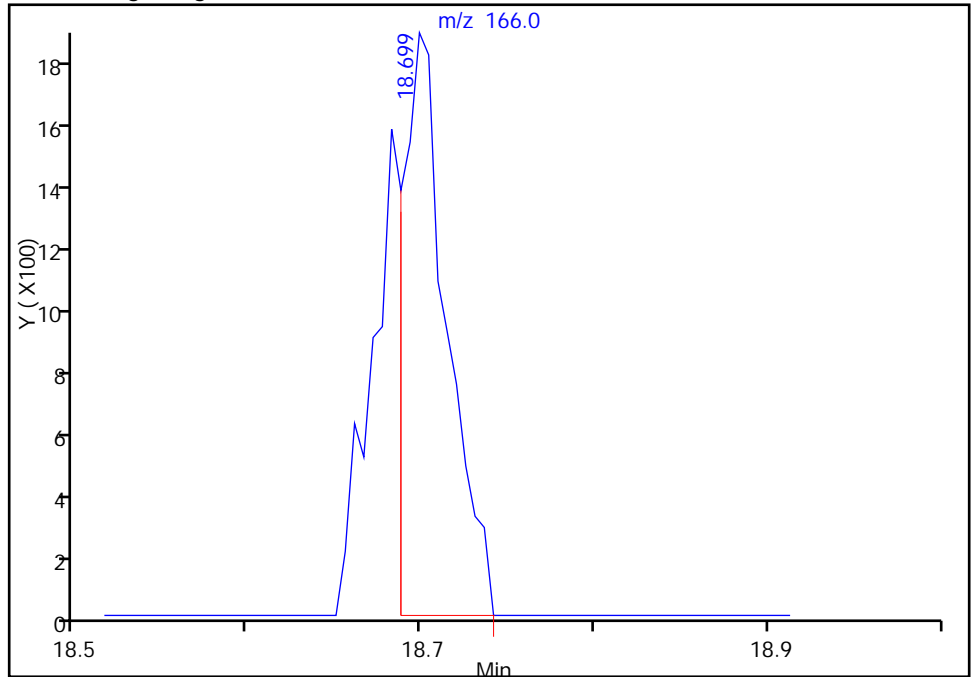
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d
Injection Date: 24-Feb-2014 18:25:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-31 Lab Sample ID: 200-20955-31
Client ID: IA-DUP-021214
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

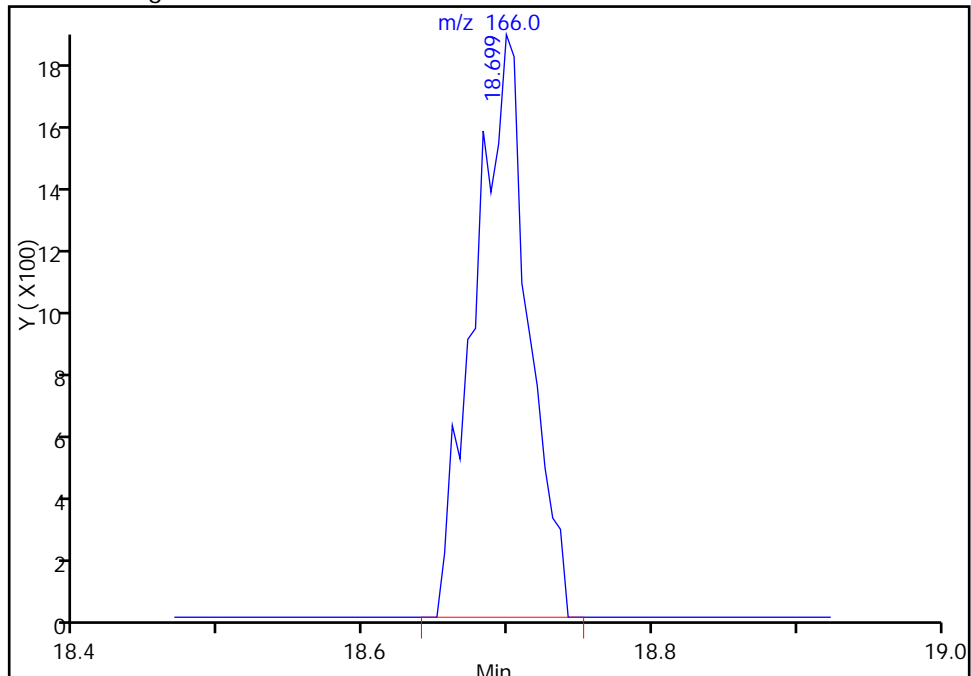
Processing Integration Results

RT: 18.70
Response: 3310
Amount: 0.024302



Manual Integration Results

RT: 18.70
Response: 4816
Amount: 0.035359



Reviewer: lyonsb, 25-Feb-2014 09:11:56
Audit Action: Manually Integrated
Audit Reason: Baseline Event

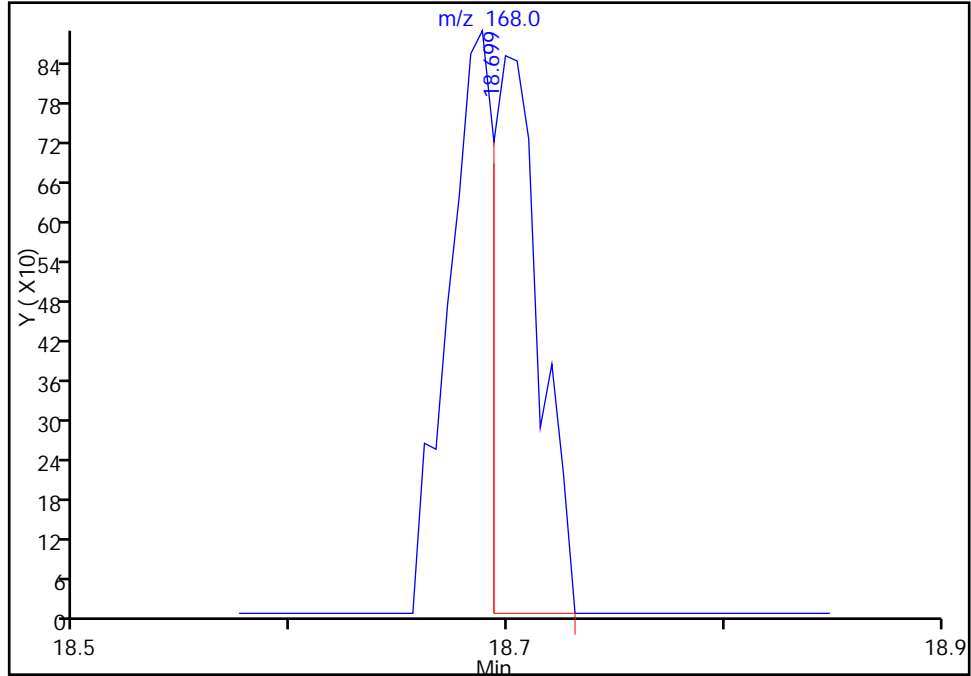
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_009.d
Injection Date: 24-Feb-2014 18:25:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-31 Lab Sample ID: 200-20955-31
Client ID: IA-DUP-021214
Operator ID: bl ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

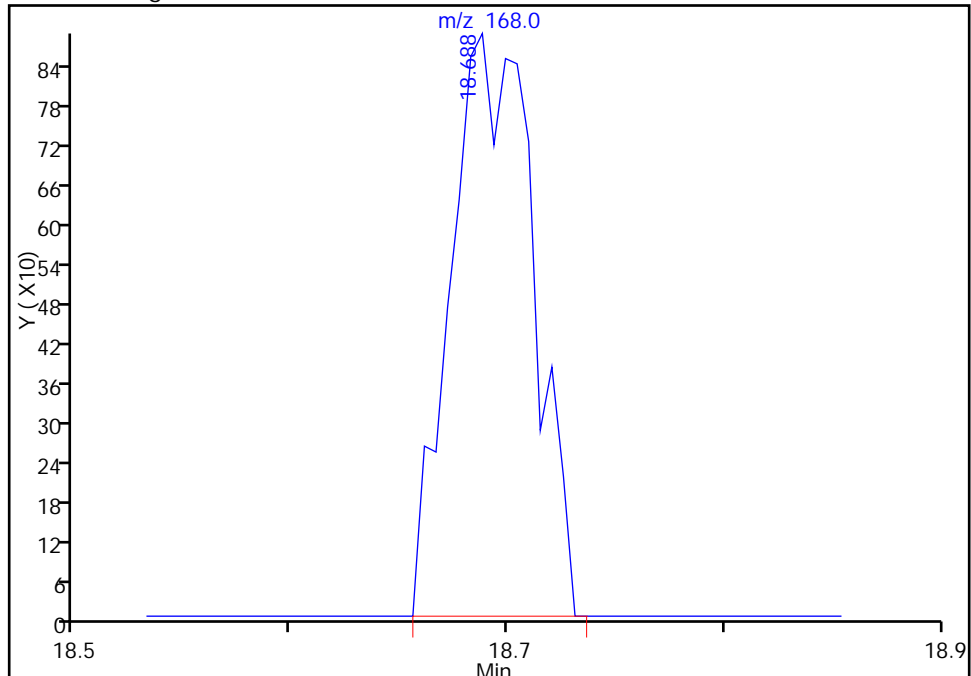
RT: 18.70
Response: 1281
Amount: 0.024302

Processing Integration Results



RT: 18.69
Response: 2354
Amount: 0.035359

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:11:56
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: AMB-021314 Lab Sample ID: 200-20969-2
 Matrix: Air Lab File ID: 6282_021.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 20:00
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 04:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50		0.50	0.030
75-45-6	Freon 22	86.47	0.30	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.54		0.50	0.14
106-97-8	n-Butane	58.12	2.2		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.22		0.20	0.030
76-13-1	Freon 113	187.38	0.077	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	4.0	J	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	2.3	J	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.52		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.087	J	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.074		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.15	J	0.20	0.027
71-43-2	Benzene	78.11	0.43		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.33		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: AMB-021314 Lab Sample ID: 200-20969-2
 Matrix: Air Lab File ID: 6282_021.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 20:00
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 04:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.16		0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.51		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.077	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.22	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.071	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.29		0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.022	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.020	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.051	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: AMB-021314 Lab Sample ID: 200-20969-2
 Matrix: Air Lab File ID: 6282_021.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 20:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/25/2014 04:13
 Soil Aliquot Vol.: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: AMB-021314 Lab Sample ID: 200-20969-2
 Matrix: Air Lab File ID: 6282_021.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 20:00
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 04:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5		2.5	0.15
75-45-6	Freon 22	86.47	1.1	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.1		1.0	0.28
106-97-8	n-Butane	58.12	5.1		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.2		1.1	0.17
76-13-1	Freon 113	187.38	0.59	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	9.6	J	12	3.0
67-63-0	Isopropyl alcohol	60.10	5.8	J	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	1.8		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.30	J	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.47		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.72	J	0.93	0.13
71-43-2	Benzene	78.11	1.4		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	1.4		0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: AMB-021314 Lab Sample ID: 200-20969-2
 Matrix: Air Lab File ID: 6282_021.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 20:00
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 04:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.84		0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	1.9		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.33	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.96	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.31	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.3		0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.11	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.097	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.25	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: AMB-021314 Lab Sample ID: 200-20969-2
 Matrix: Air Lab File ID: 6282_021.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 20:00
 Sample wt/vol: 200 (mL) Date Analyzed: 02/25/2014 04:13
 Soil Aliquot Vol.: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d
 Lims ID: 200-20969-A-2 Lab Sample ID: 200-20969-2
 Client ID: AMB-021314
 Sample Type: Client
 Inject. Date: 25-Feb-2014 04:13:30 ALS Bottle#: 4 Worklist Smp#: 21
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-021
 Misc. Info.: 200-20969-A-2
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 10:25:09 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:56:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.501	4.463	0.038	98	72510	0.5034	
6 Chlorodifluoromethane	51	4.565	4.528	0.037	38	16345	0.2996	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50	5.041	5.009	0.032	92	13416	0.5411	
9 Butane	43	5.314	5.276	0.038	94	86771	2.16	
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101	7.224	7.181	0.043	92	34907	0.2162	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.454	8.433	0.021	73	7750	0.0767	M
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.791	8.743	0.048	87	184531	4.04	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.112	9.027	0.085	95	89993	2.35	
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49		9.727					
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.674	10.648	0.026	87	23058	0.5231	
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72		12.386					
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.868	12.857	0.011	70	314932	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.285	13.258	0.027	80	4687	0.0871	
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	48		117	13.547	13.531	0.016	86	10452	0.0744	
	51		57	13.938	13.922	0.016	90	22160	0.1546	
	50		78	13.997	13.980	0.017	92	55650	0.4332	
	52		62		14.141					
	53		43	14.291	14.269	0.022	71	14765	0.3299	
*	54		114	14.751	14.745	0.006	93	1473988	10.0	
	56		95	15.222	15.206	0.016	79	10382	0.1570	
	58		63		15.730					
	59		69		15.810					
	60		88		15.901					
	62		83		16.217					
	64		75		17.083					
	65		43		17.319					
	66		92	17.661	17.656	0.005	93	48399	0.5140	
	70		75		18.191					
	71		83		18.554					
	72		166		18.699					
	73		43		18.945					
	74		129		19.314					
	75		107		19.598					
S	82		106				0		0.2910	7
*	76		117	20.448	20.443	0.005	83	1298327	10.0	
	77		112		20.496					
	78		91	20.614	20.614	0.0	73	16897	0.0768	
	80		106	20.833	20.833	0.0	99	19526	0.2201	
	83		106	21.550	21.545	0.005	86	5943	0.0710	
	84		104		21.582					
	85		173		21.957					
\$	87		95	22.444	22.444	0.0	97	869723	NC	
	88		83		22.668					
	90		91		22.743					
	91		105	22.915	22.909	0.006	65	6379	0.0223	7
	92		91		22.941					
	94		105	23.000	23.000	0.0	50	5243	0.0198	7
	96		119		23.476					
	97		105	23.573	23.567	0.006	79	12868	0.0508	
	98		105		23.808					
	99		119		24.011					
	100		146		24.081					
	101		146		24.225					
	102		91		24.434					
	103		91		24.648					
	105		146		24.830					
	107		180		27.729					
	108		225		27.932					
	109		128		28.312					

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Worklist Smp#: 21

Client ID: AMB-021314

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

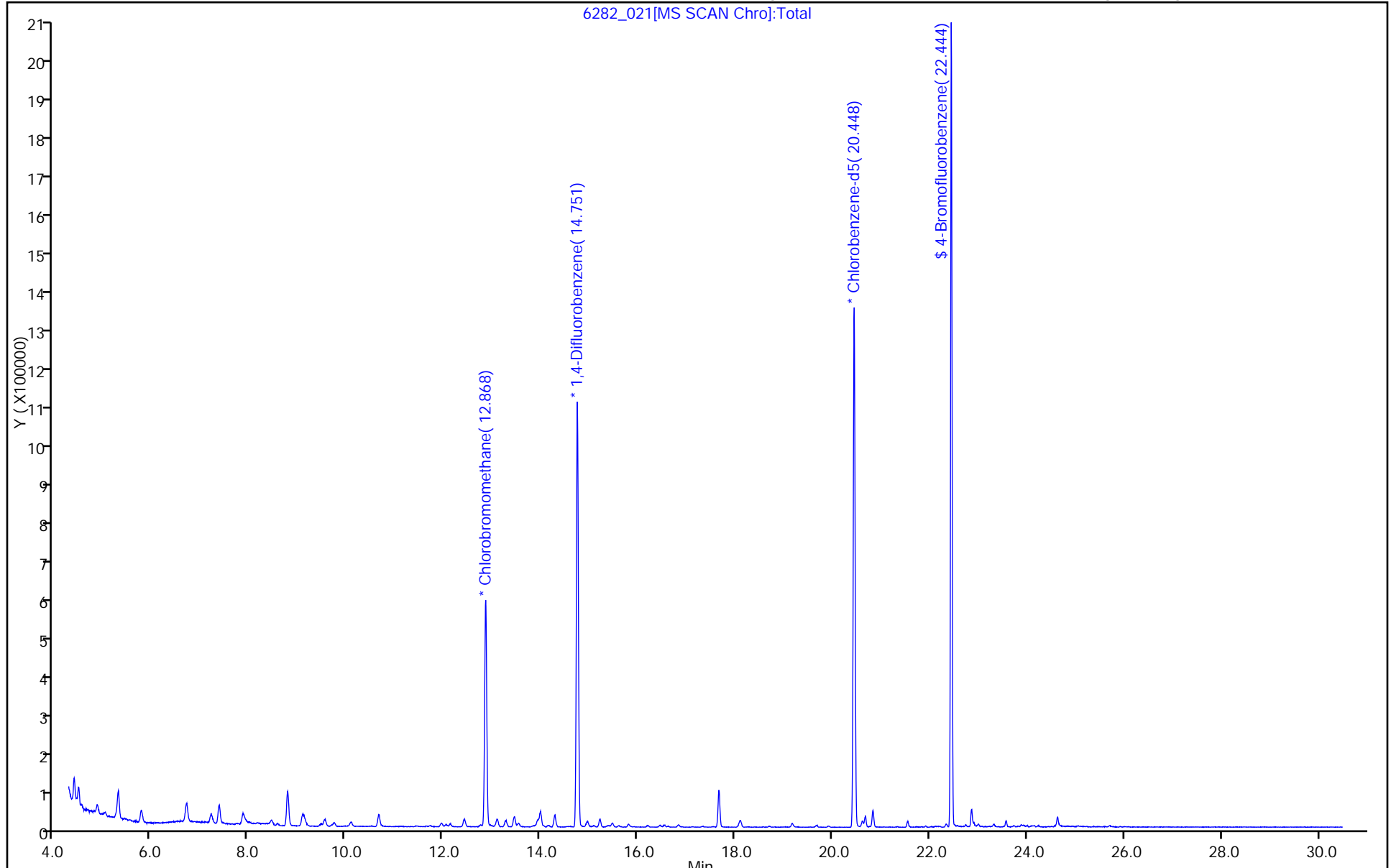
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

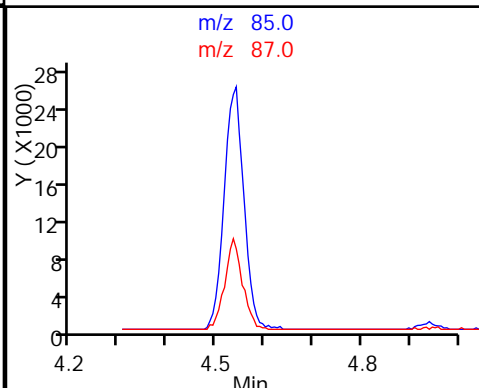
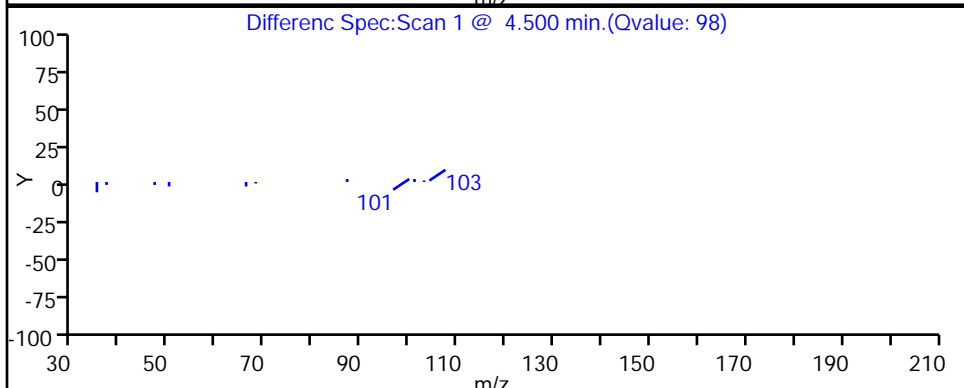
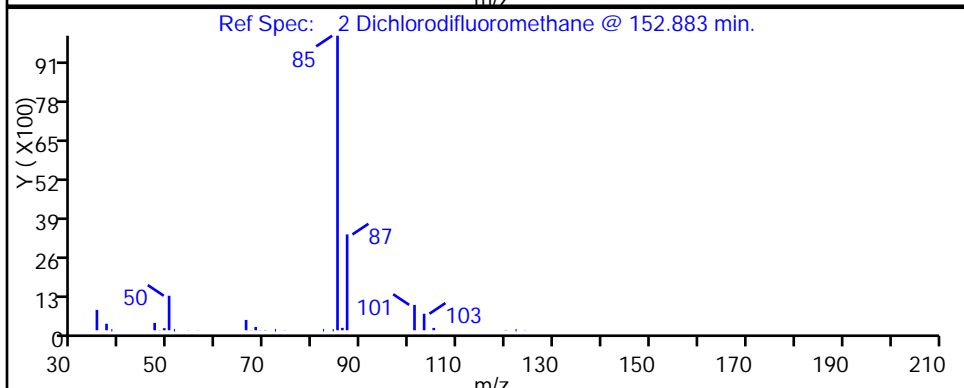
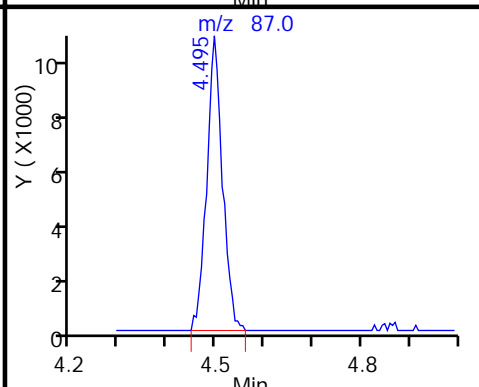
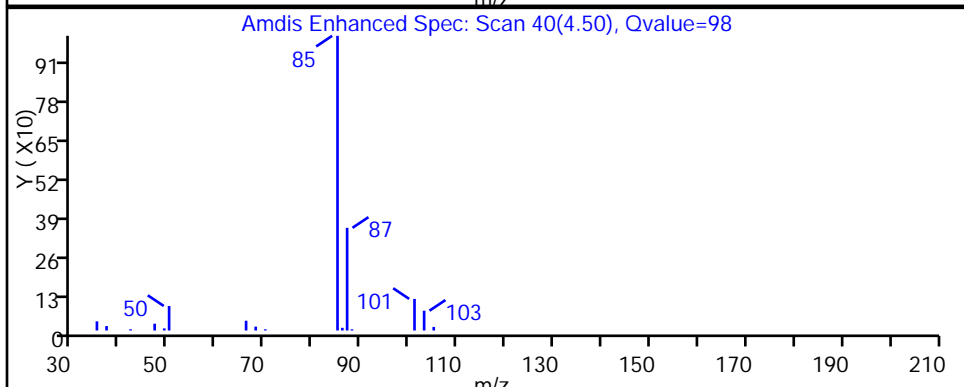
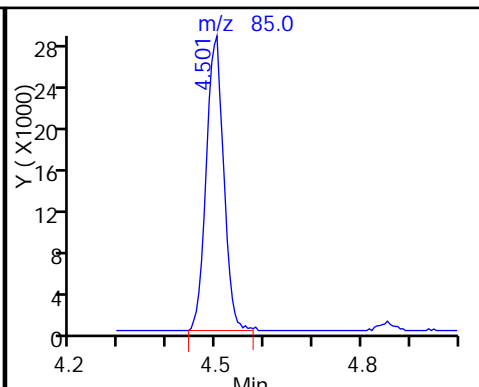
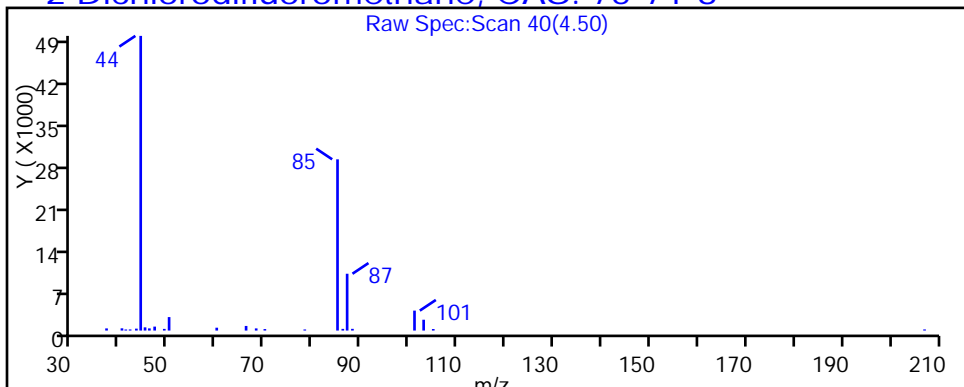
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

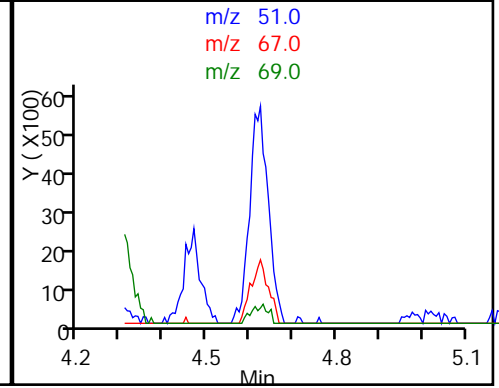
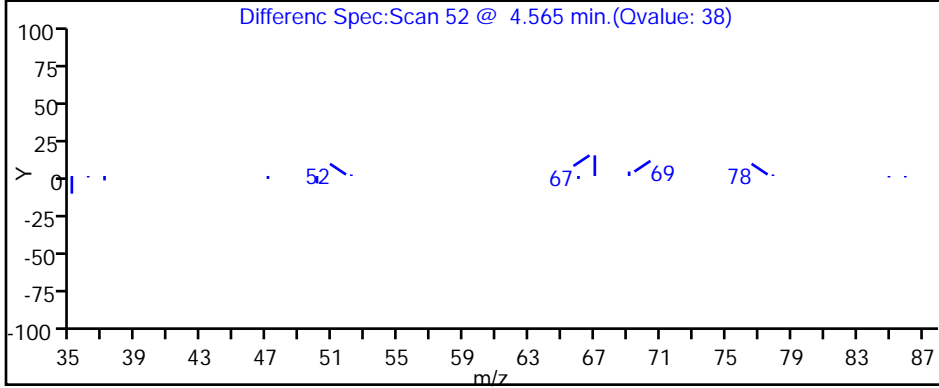
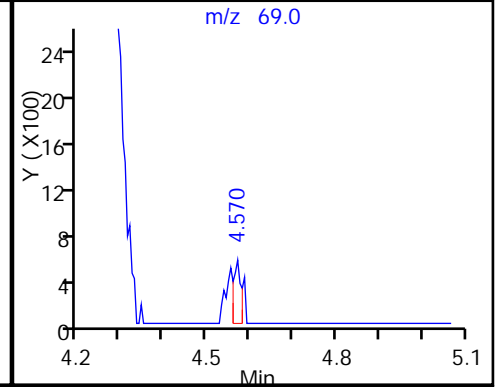
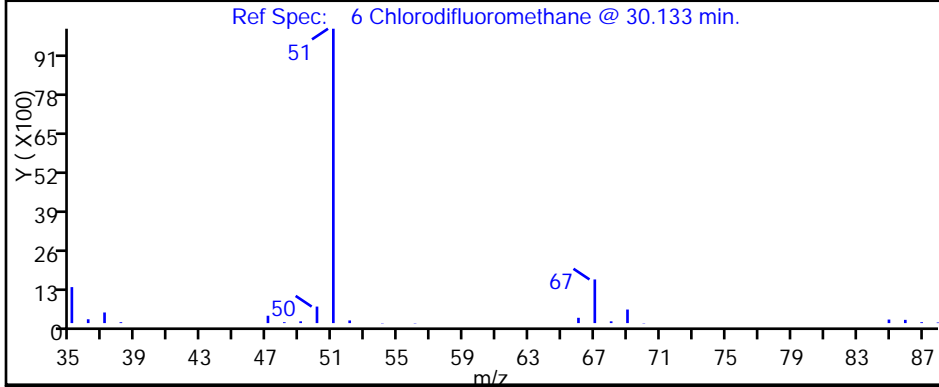
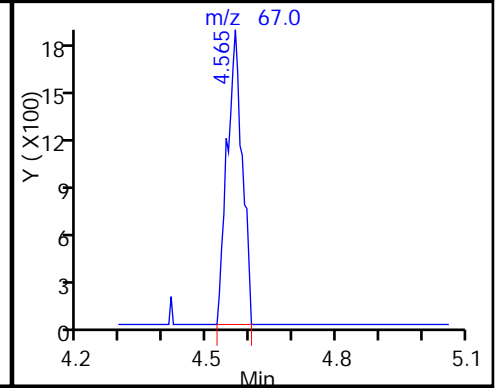
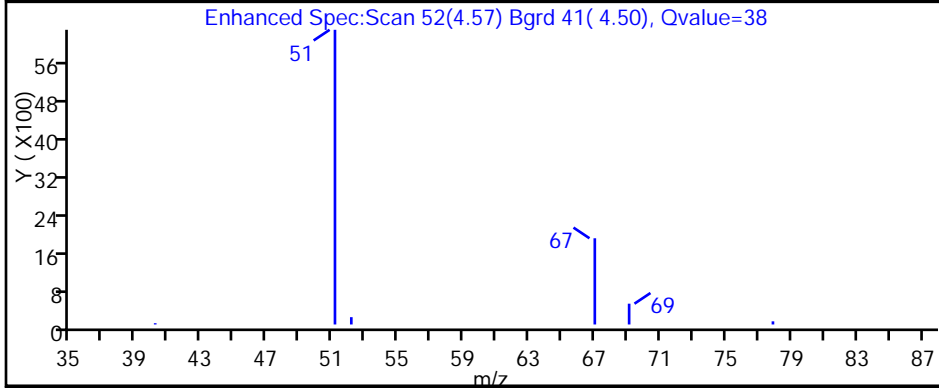
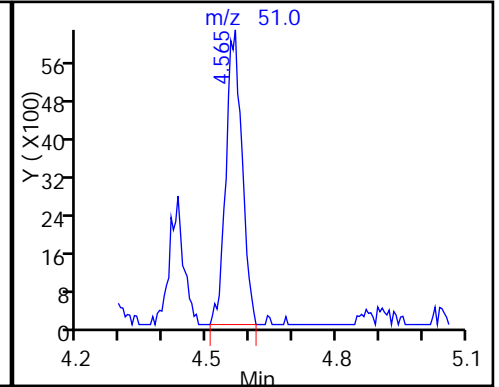
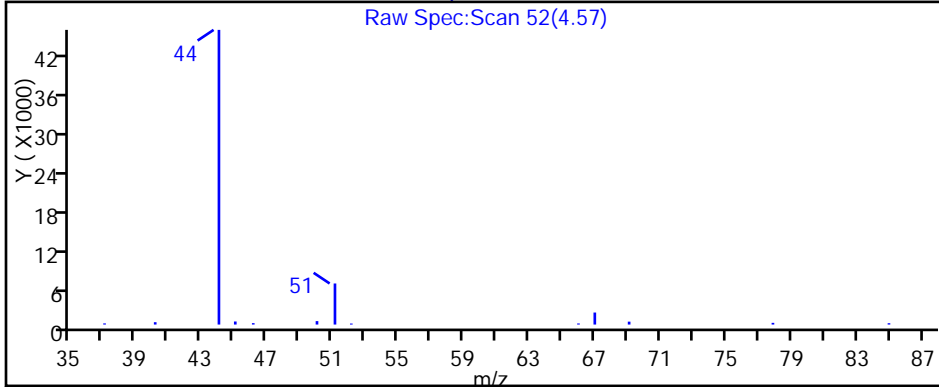
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

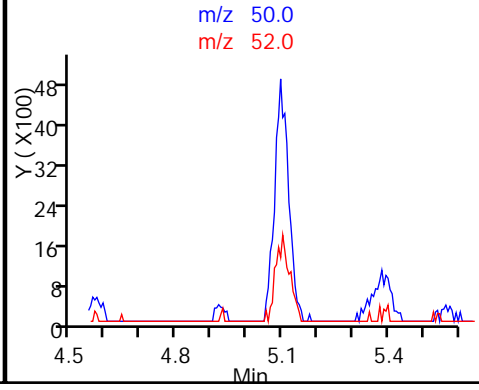
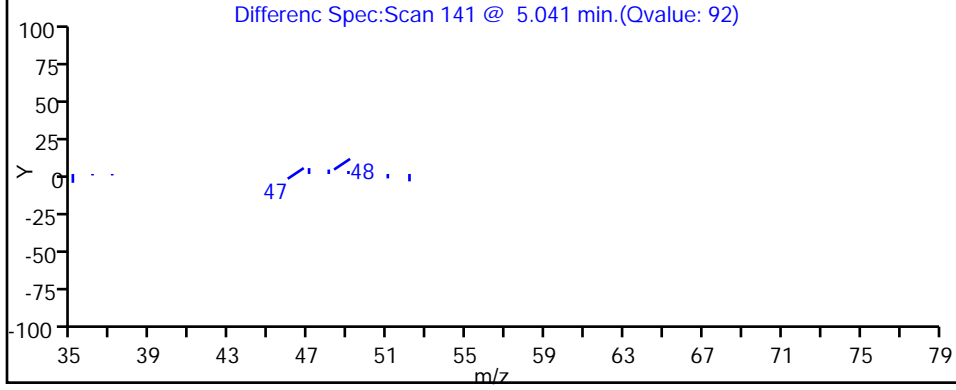
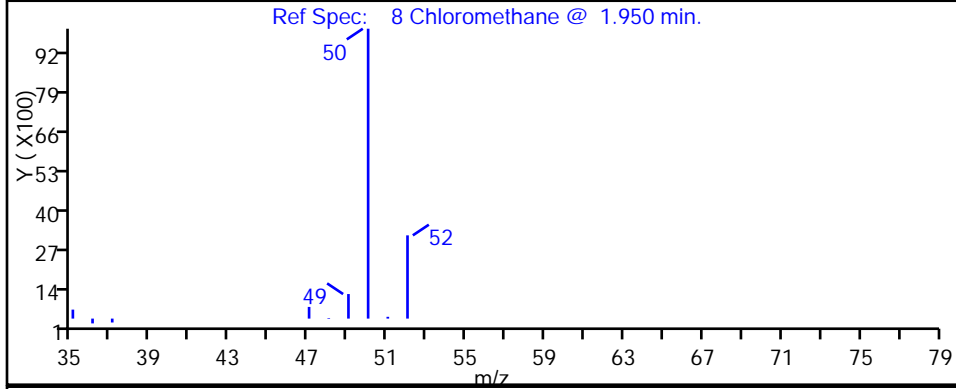
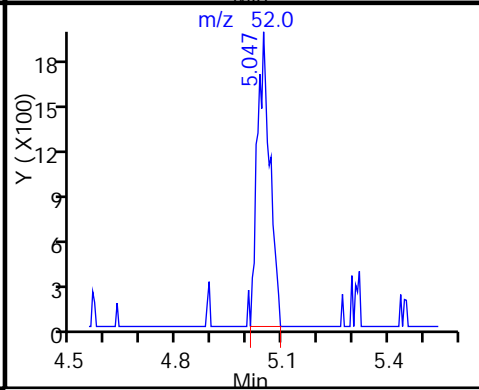
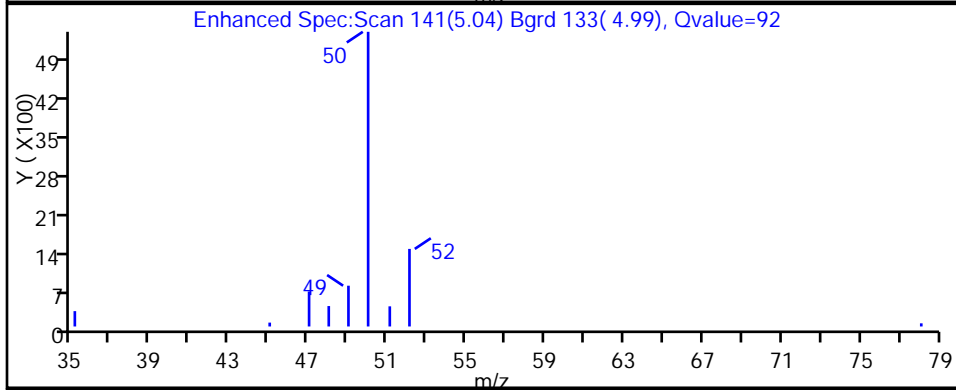
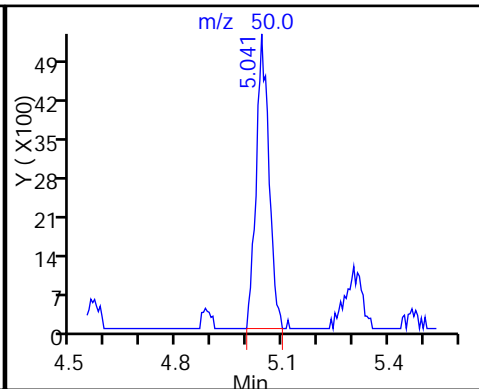
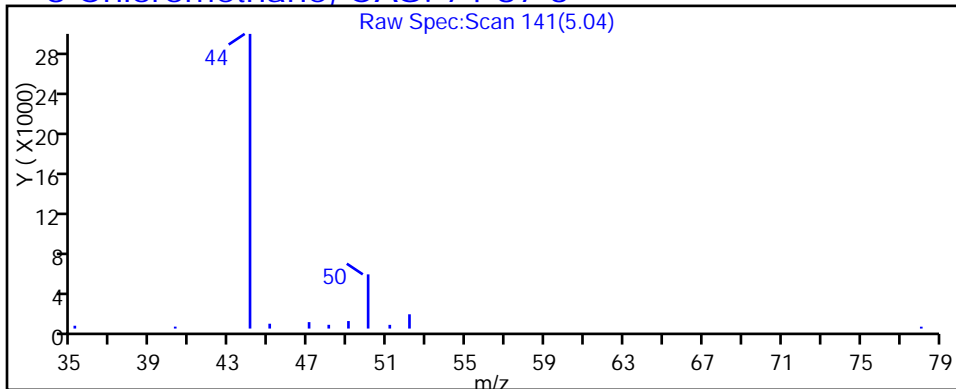
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

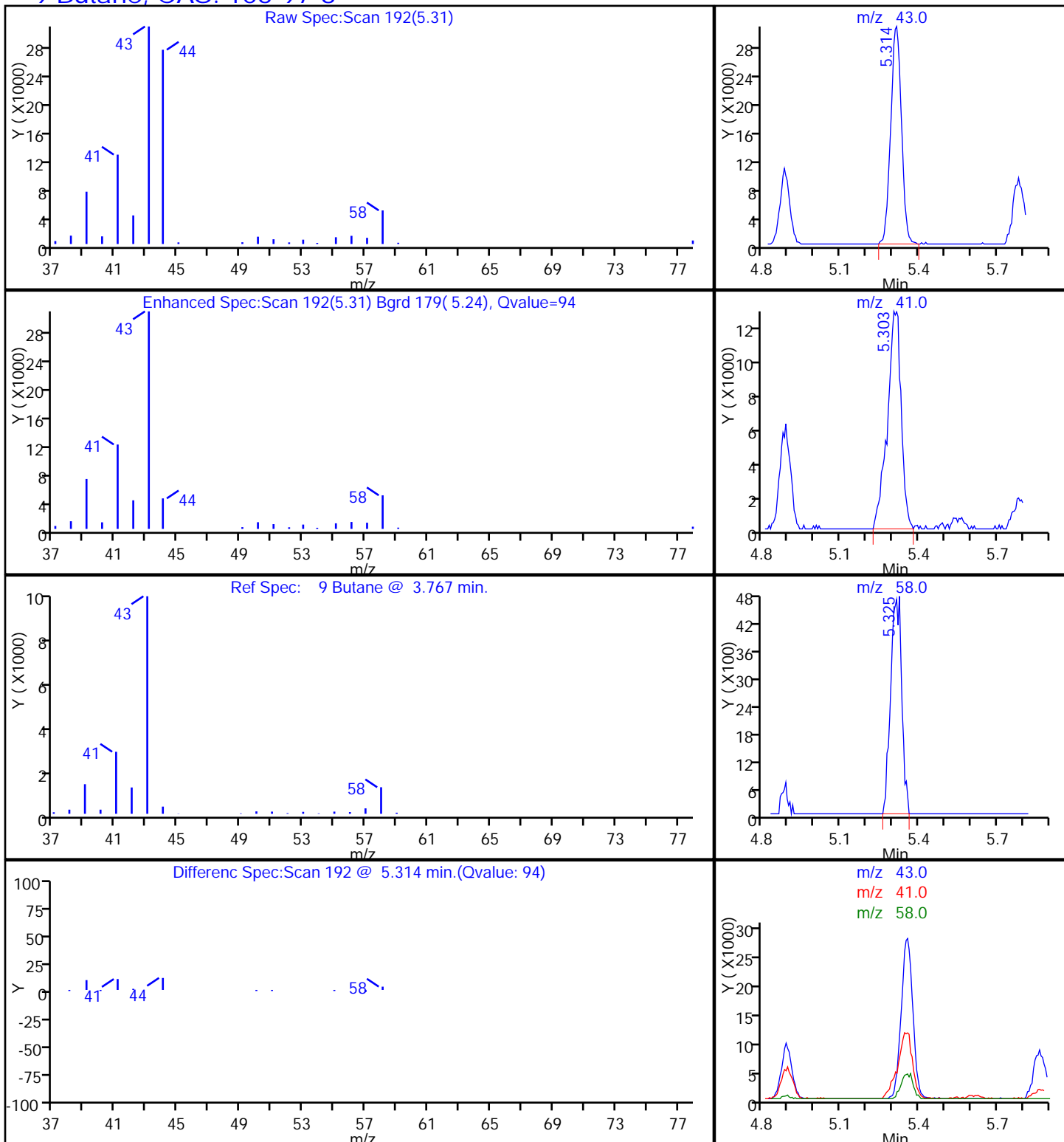
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

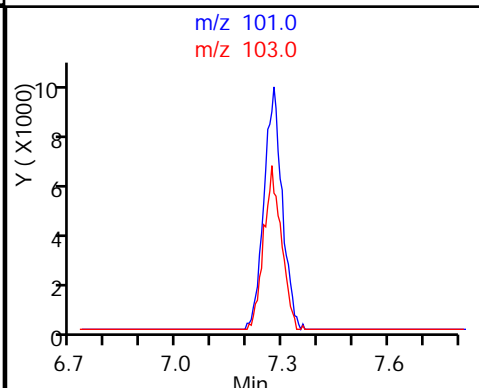
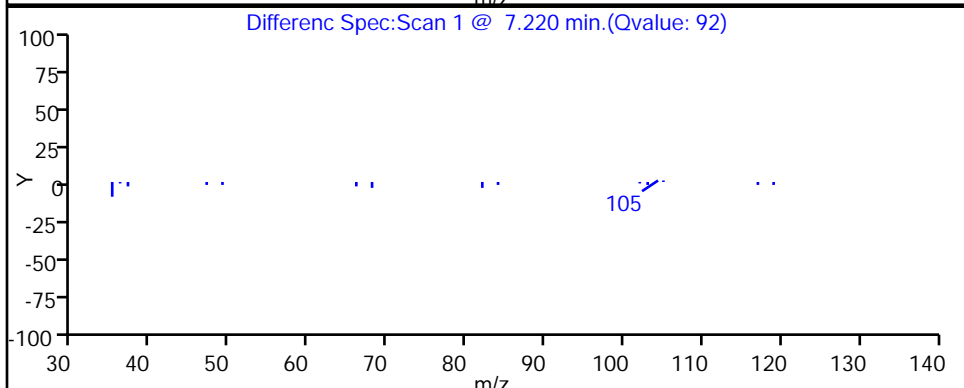
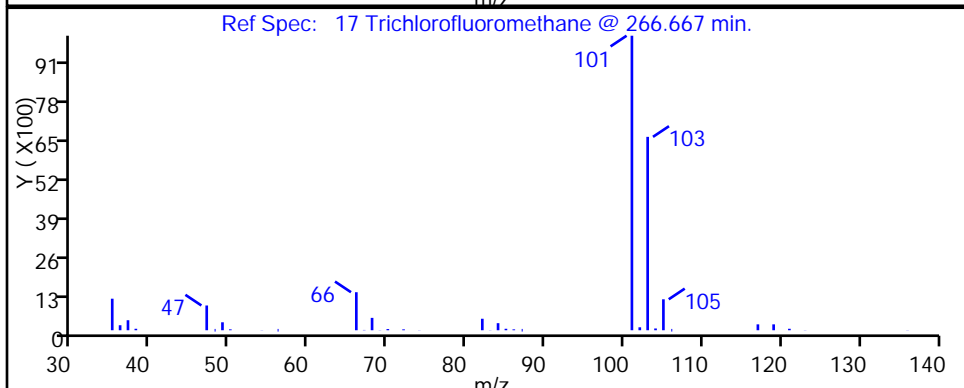
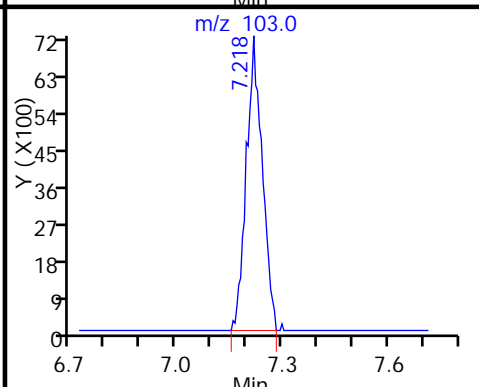
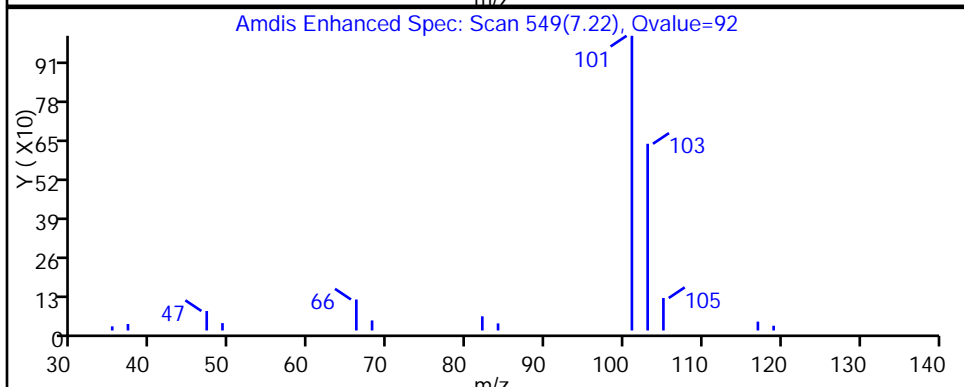
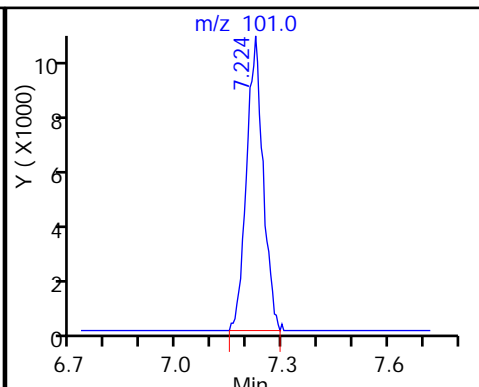
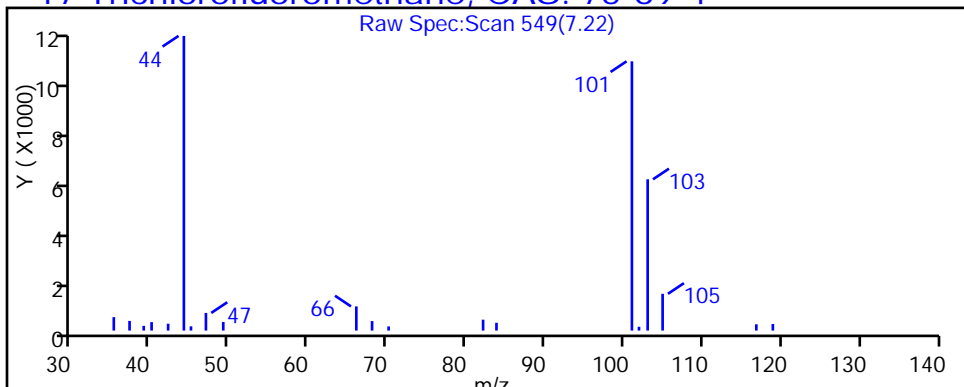
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

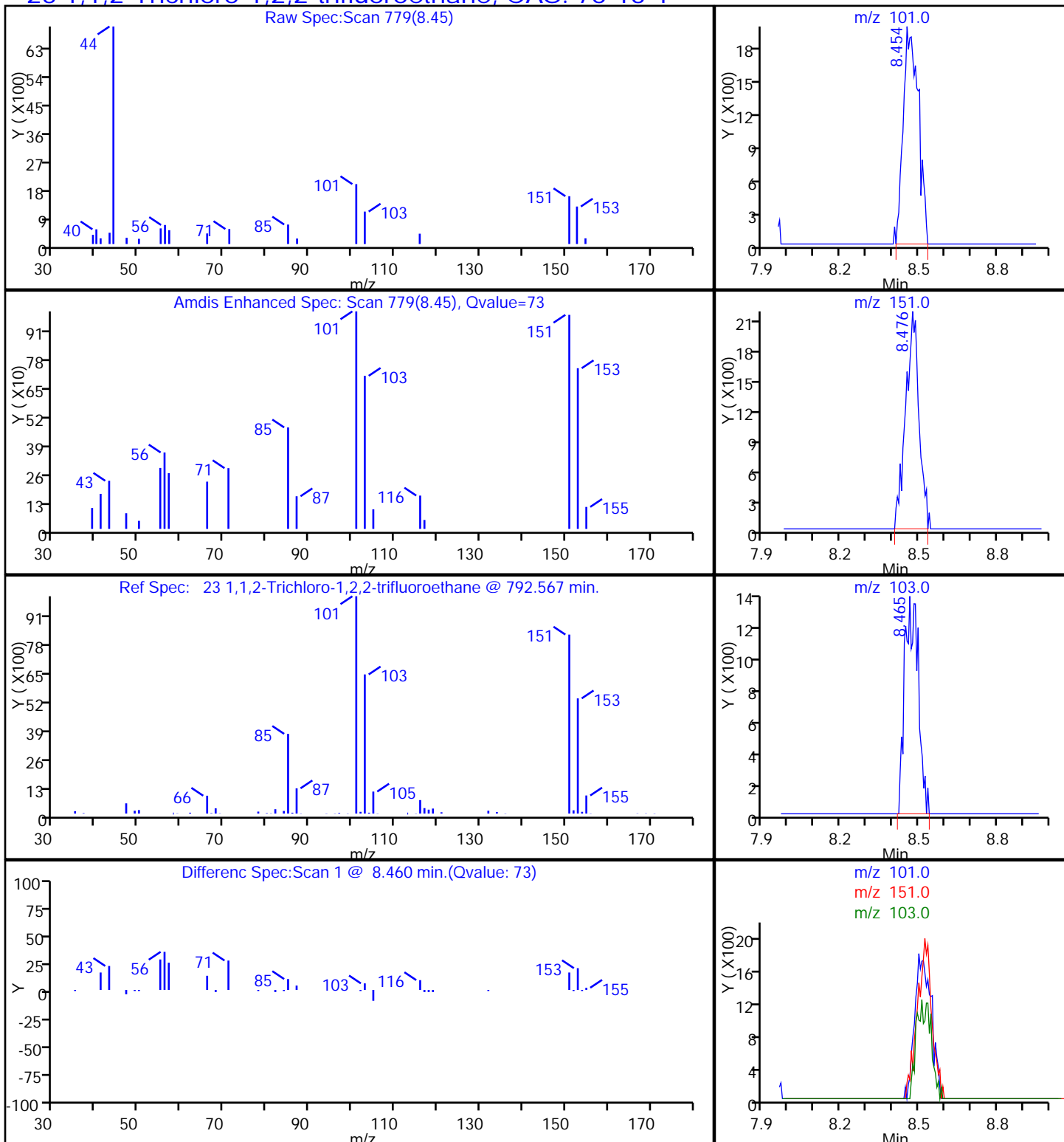
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

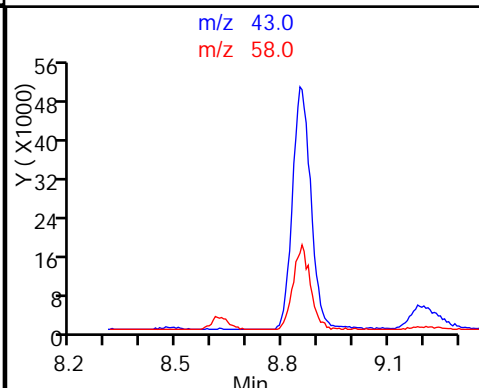
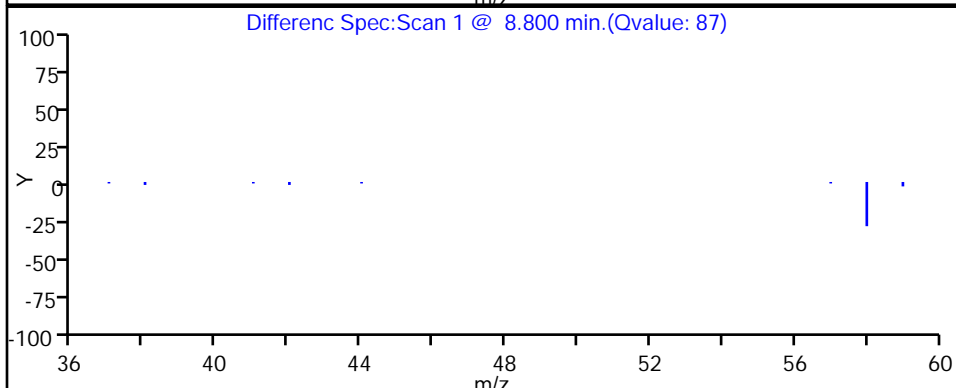
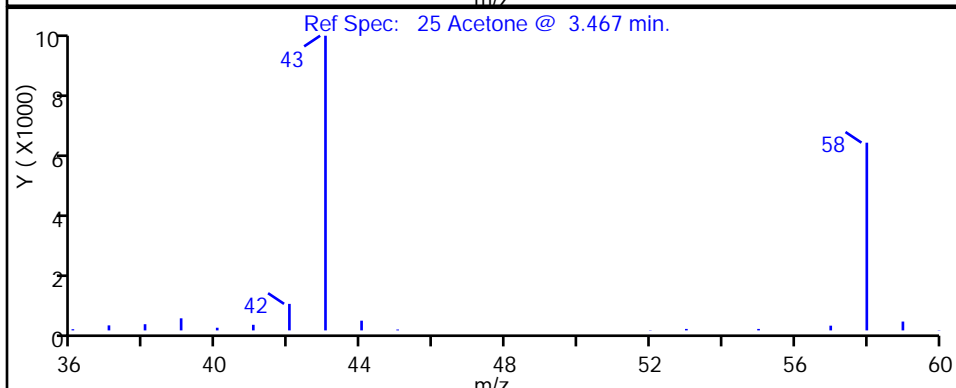
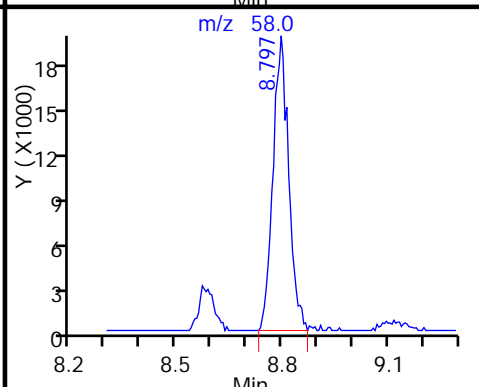
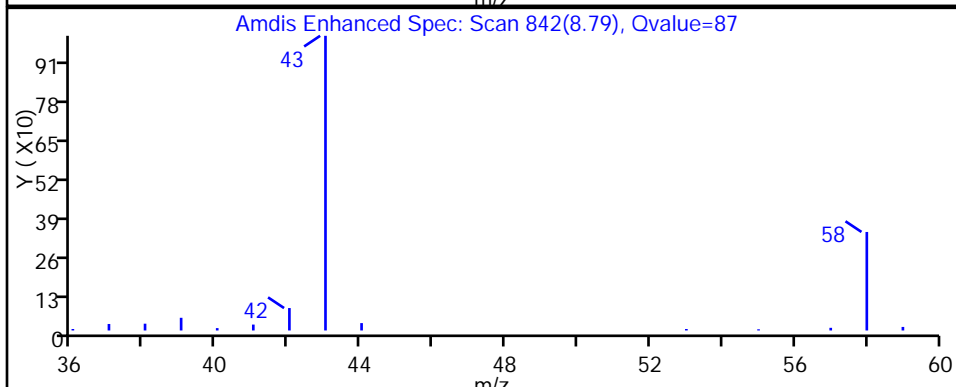
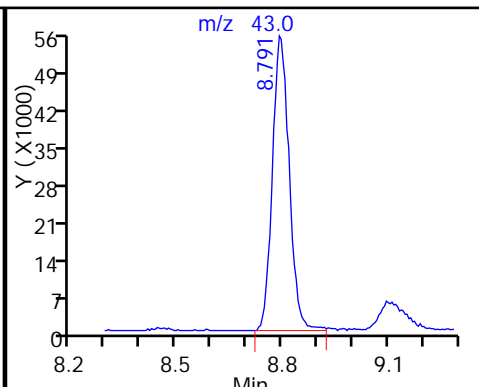
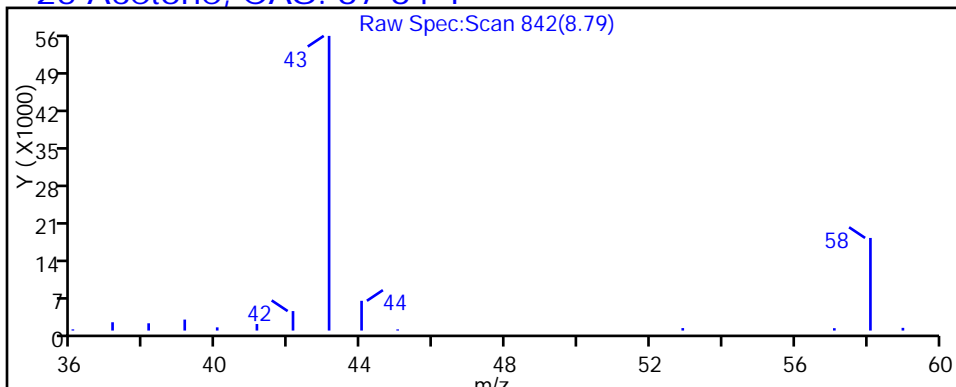
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

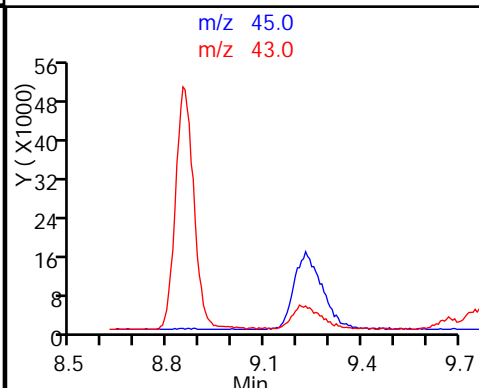
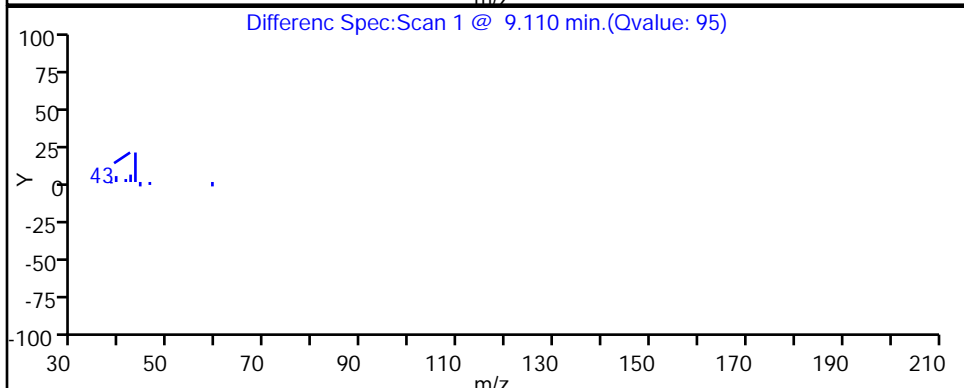
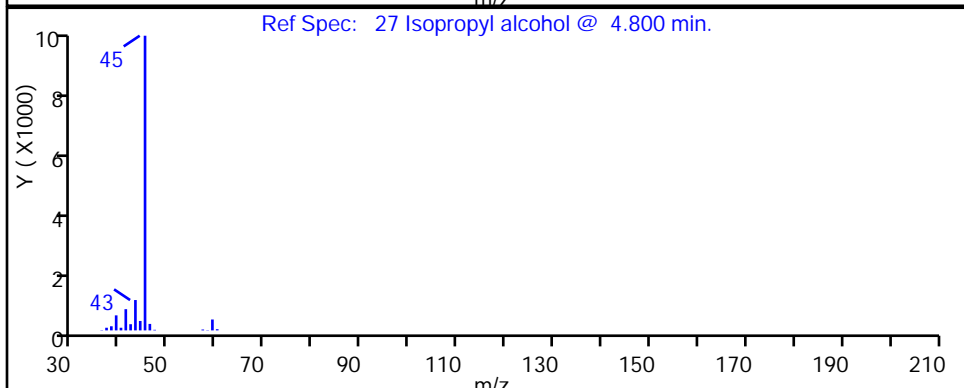
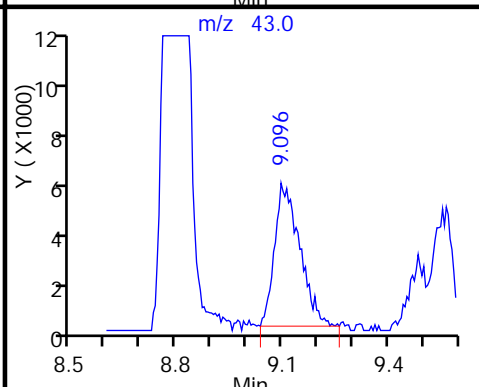
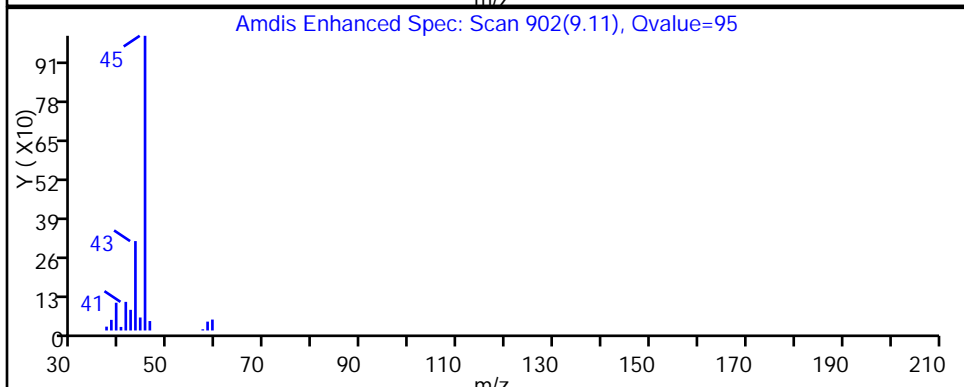
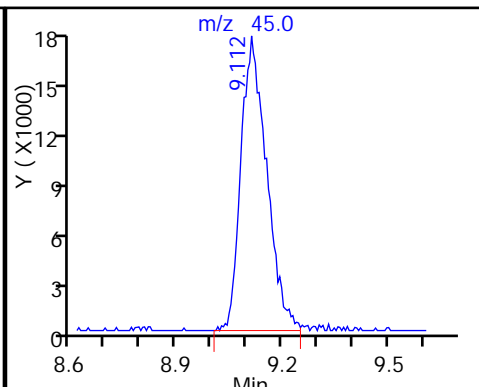
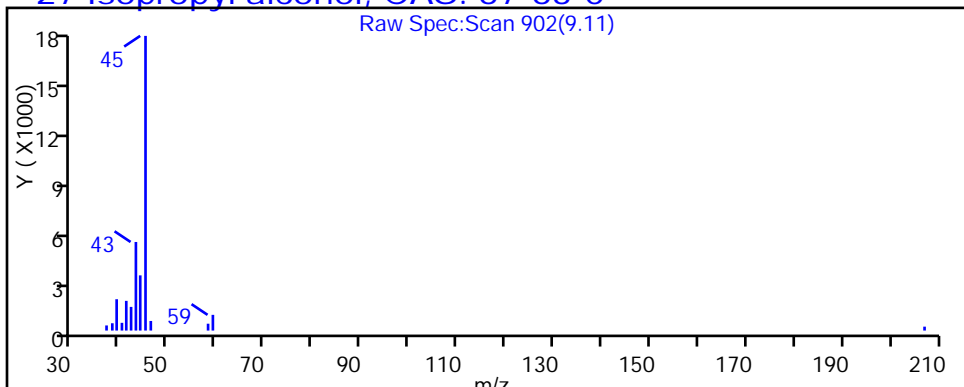
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

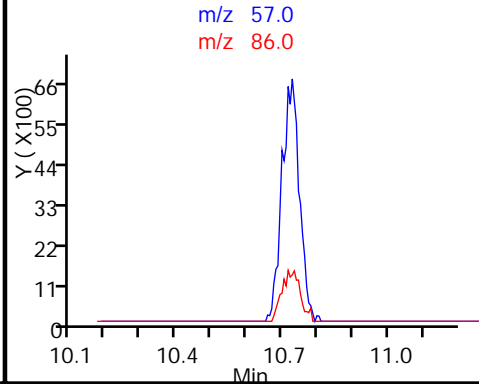
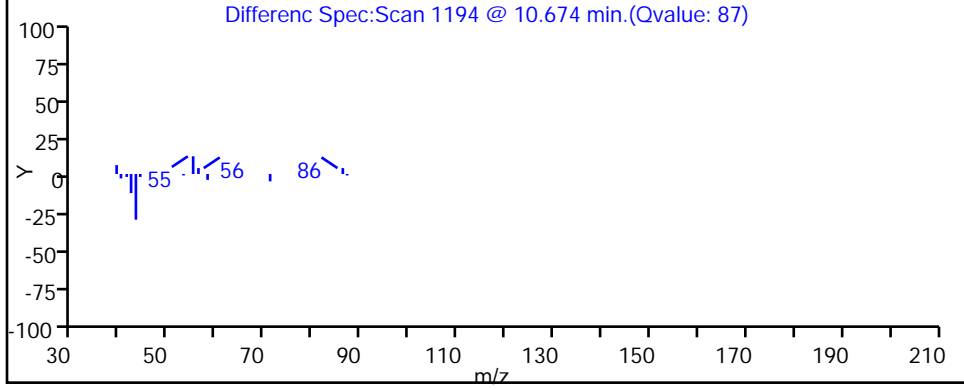
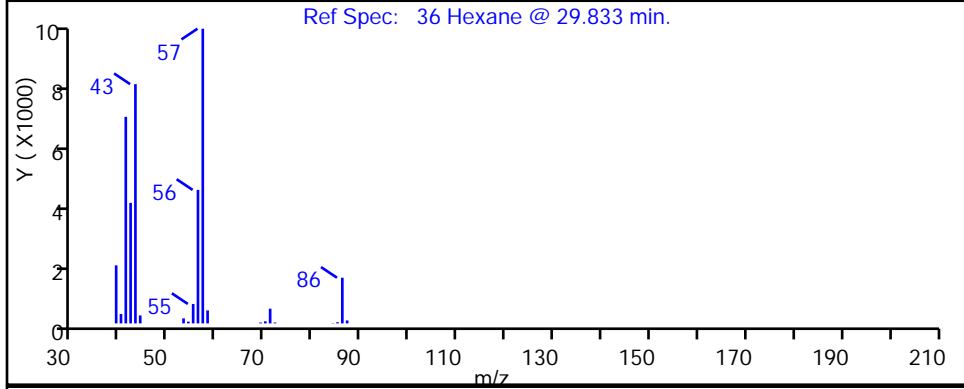
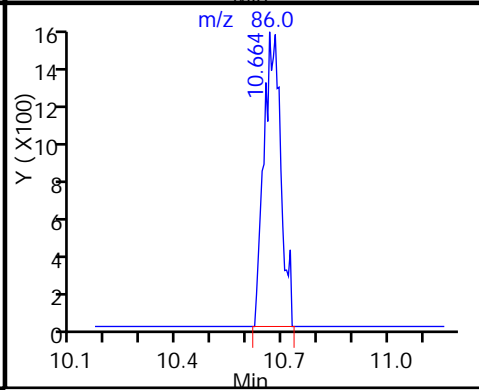
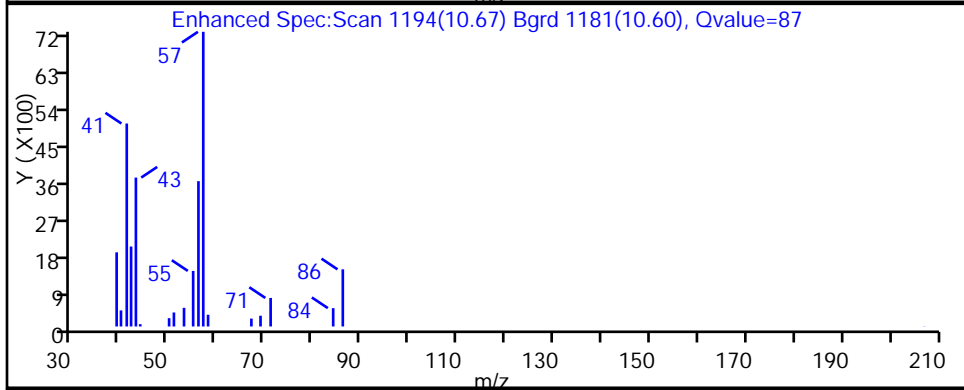
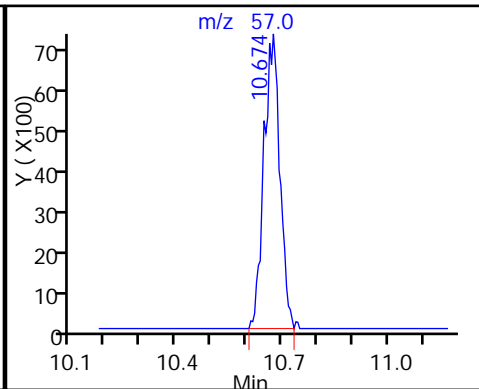
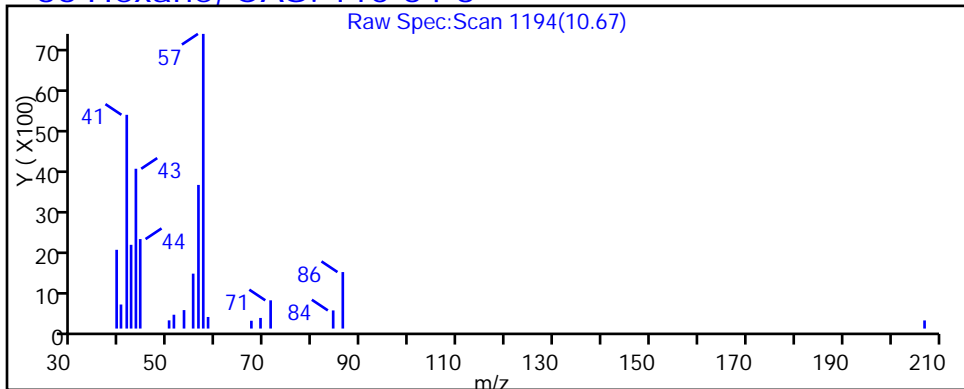
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

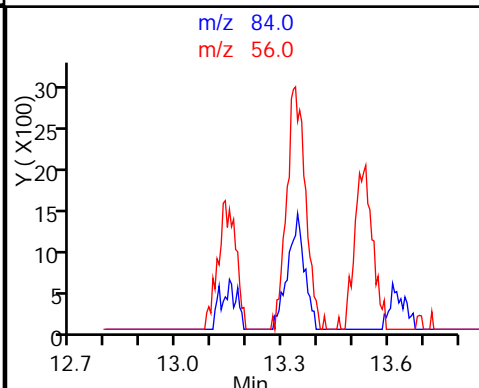
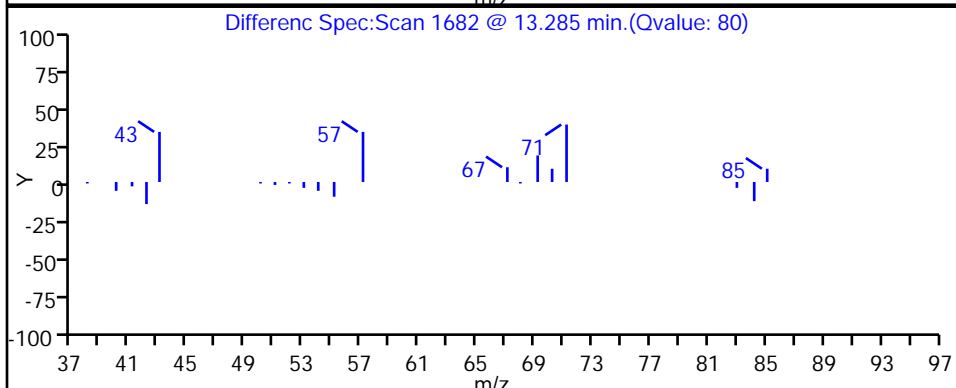
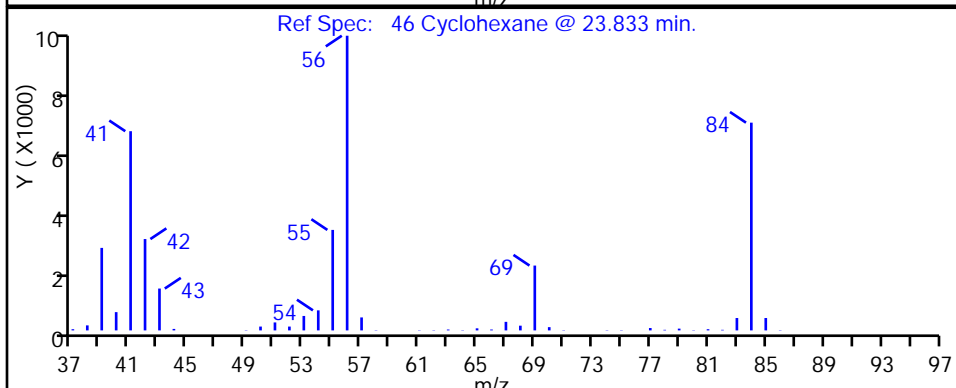
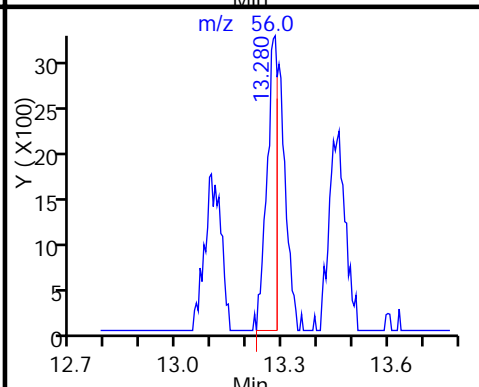
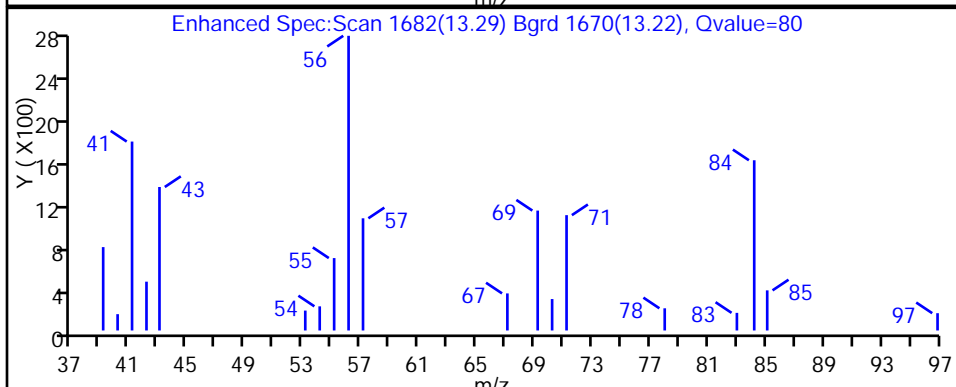
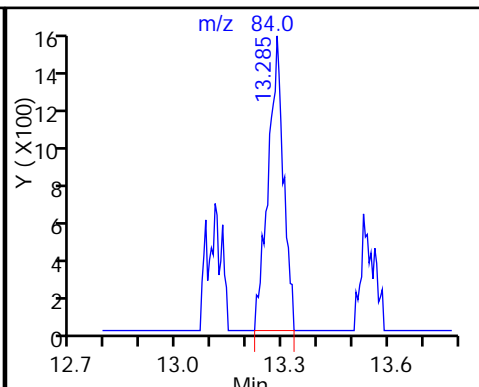
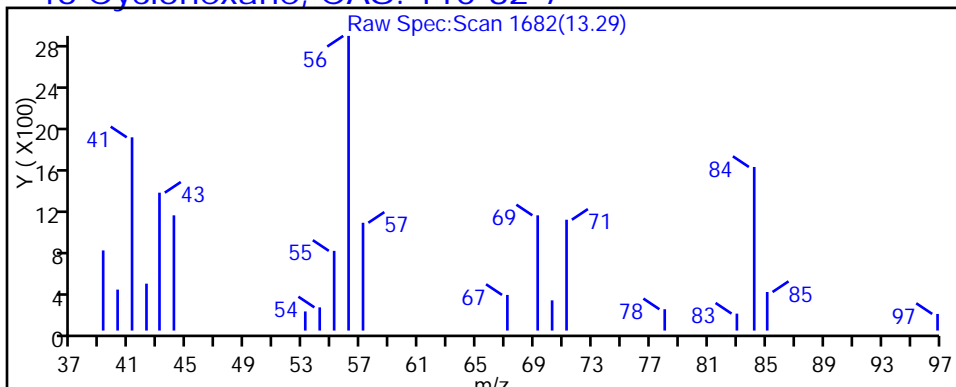
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

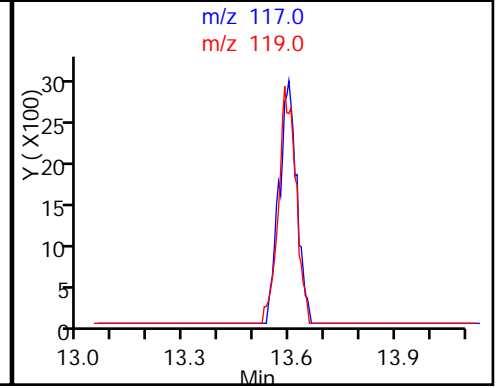
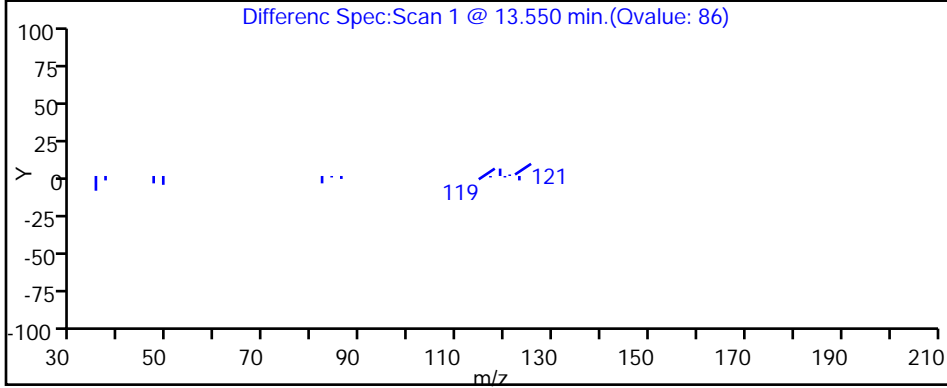
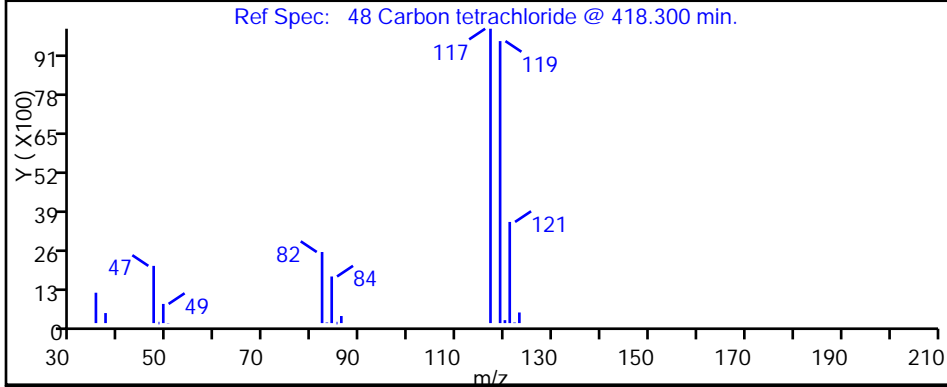
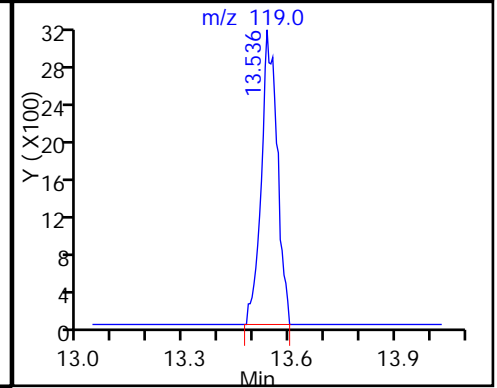
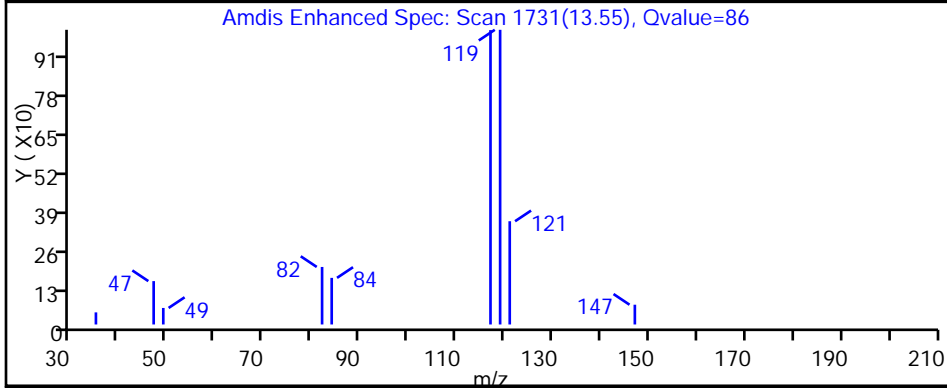
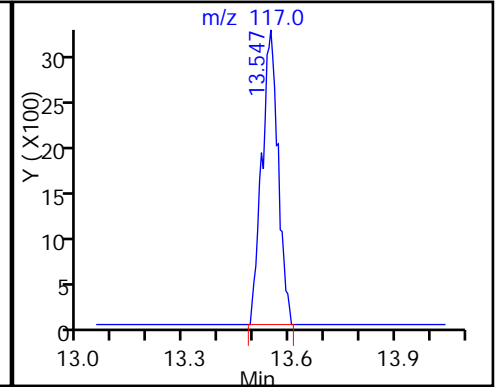
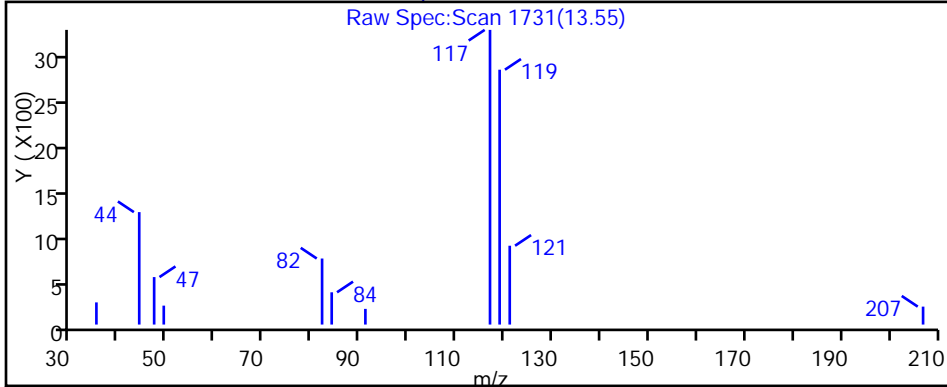
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

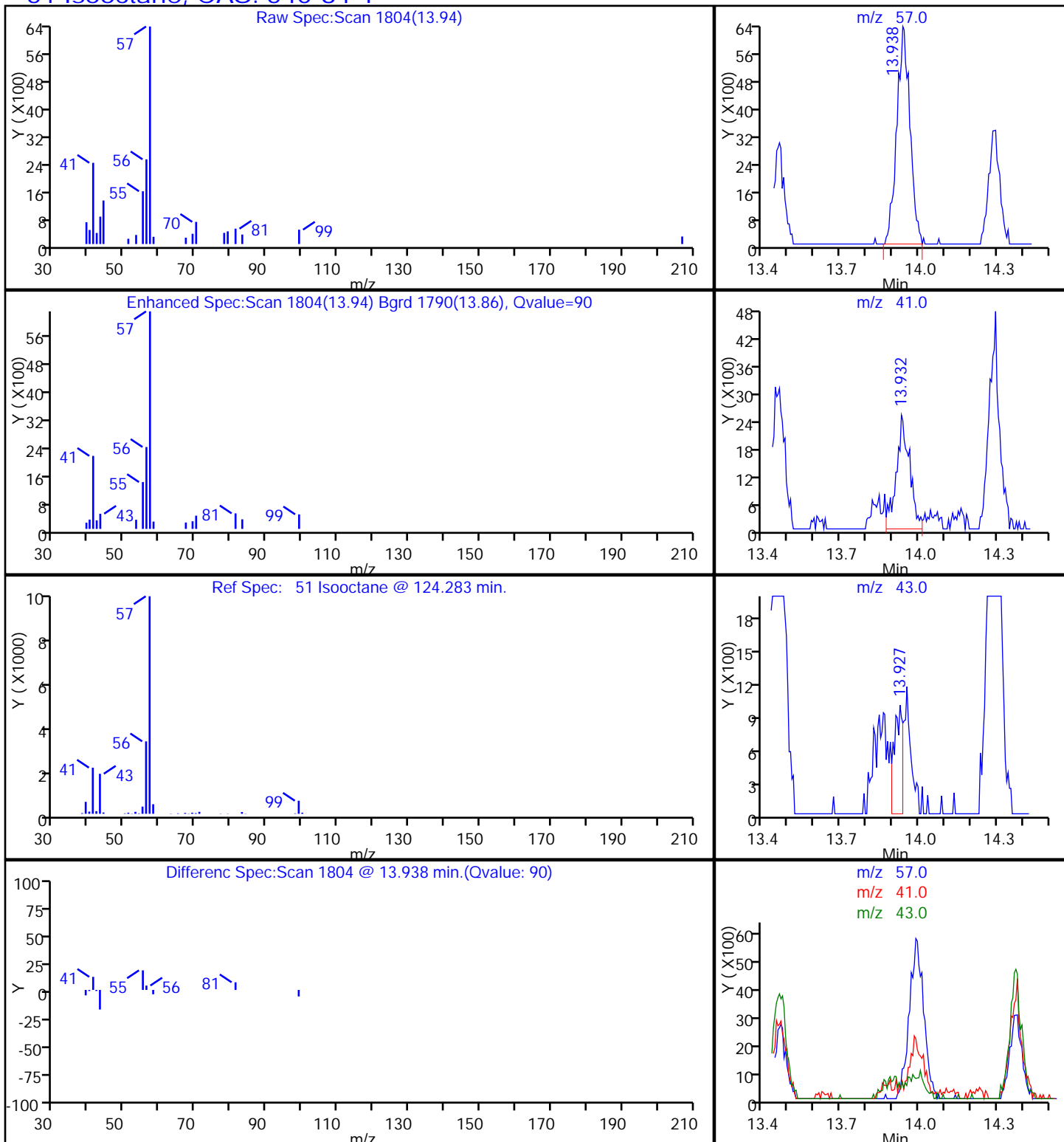
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

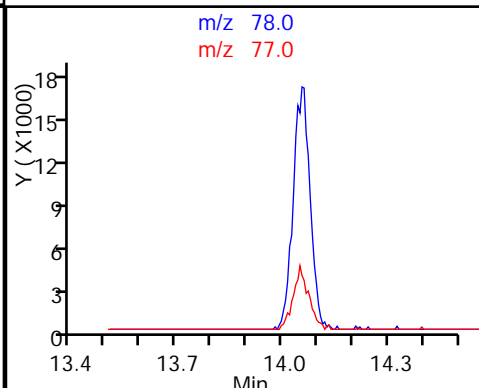
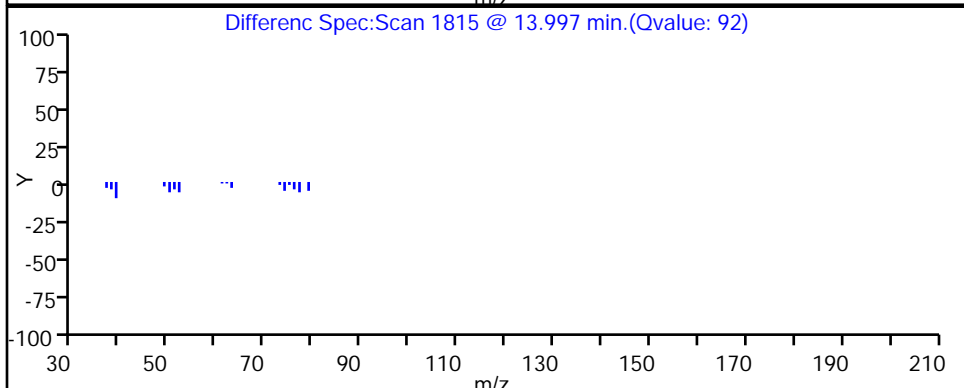
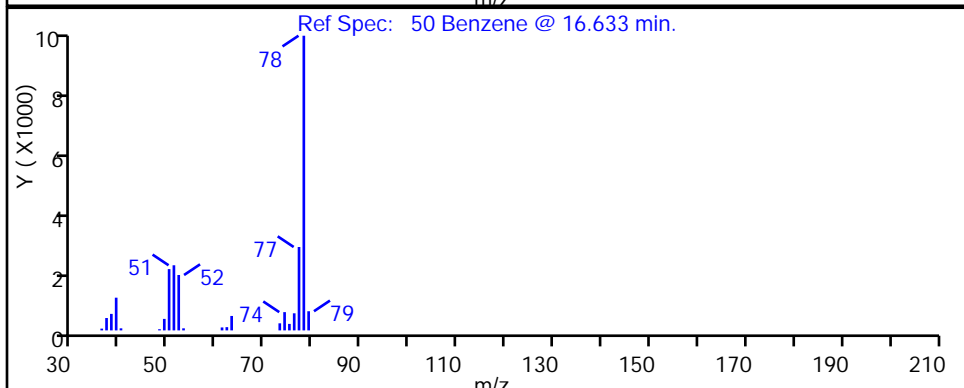
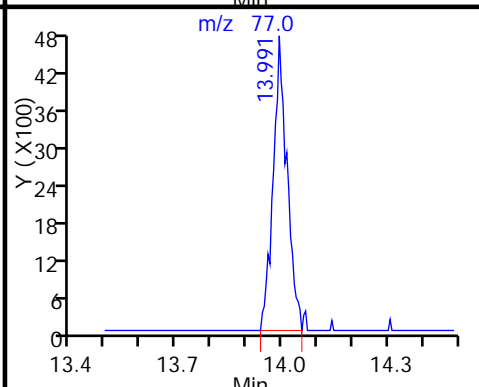
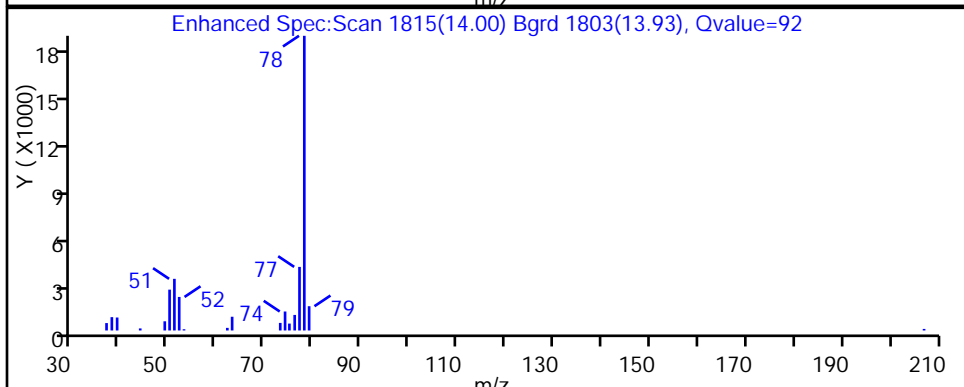
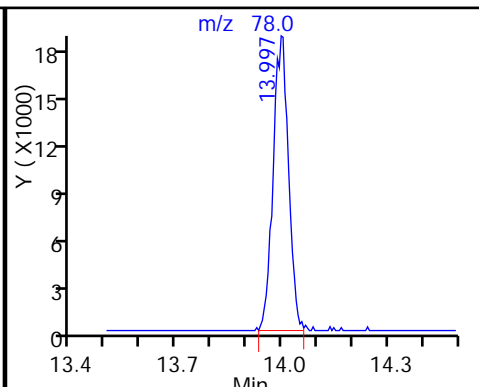
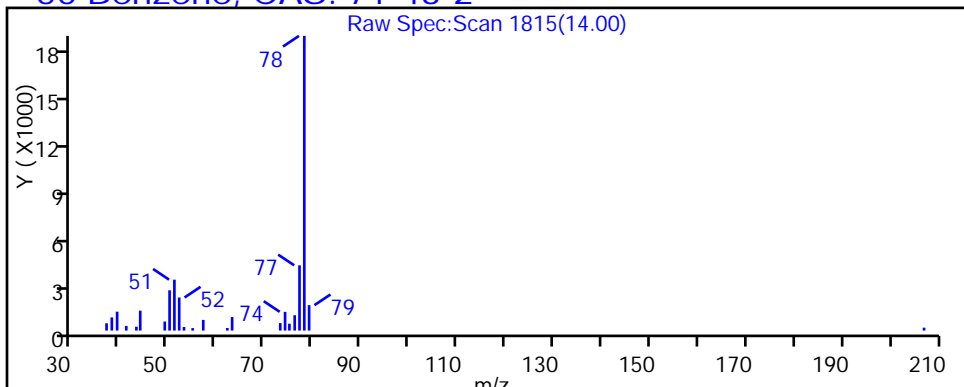
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

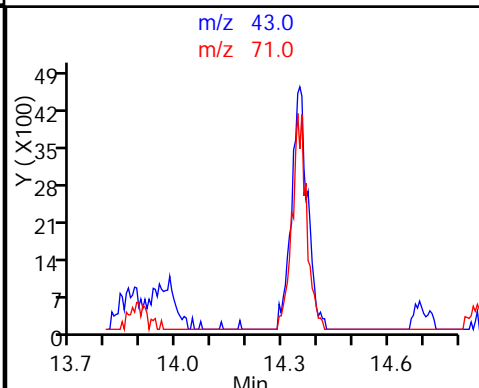
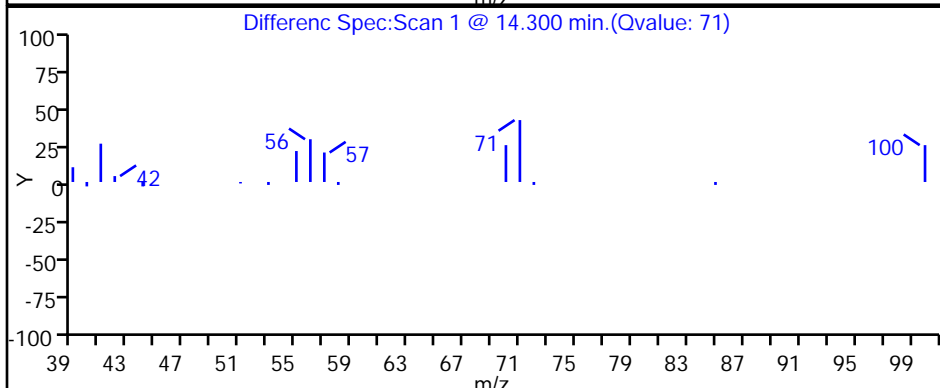
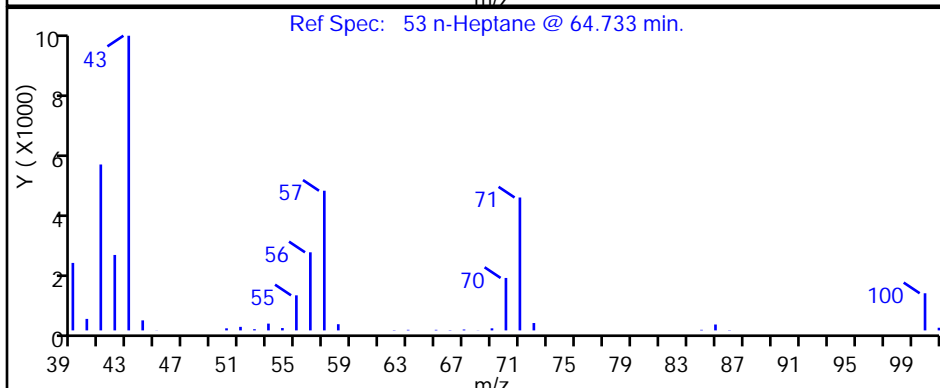
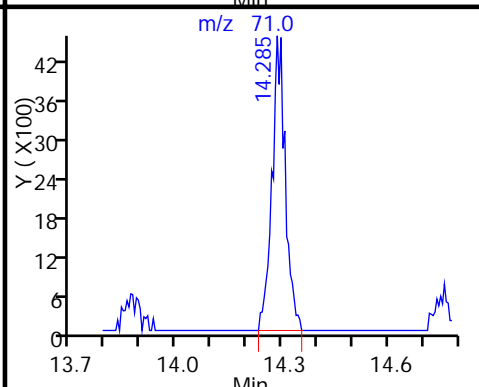
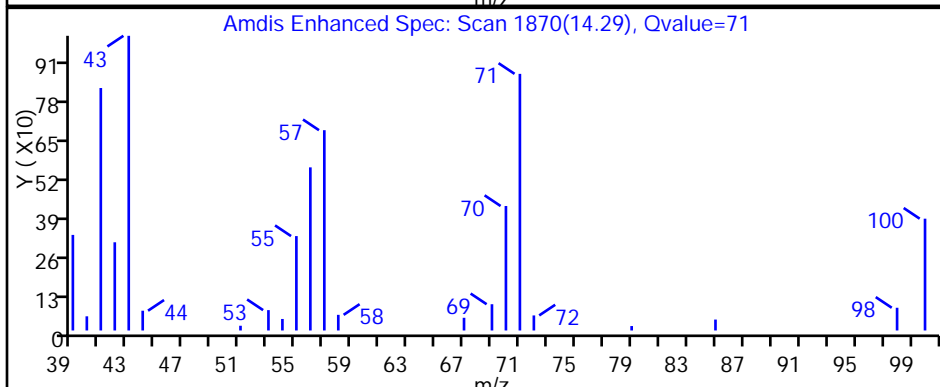
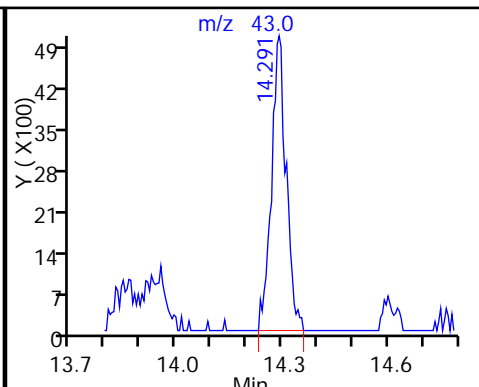
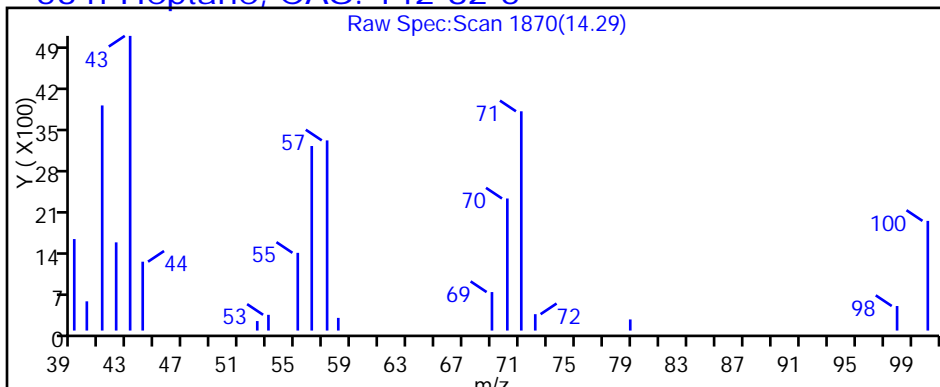
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

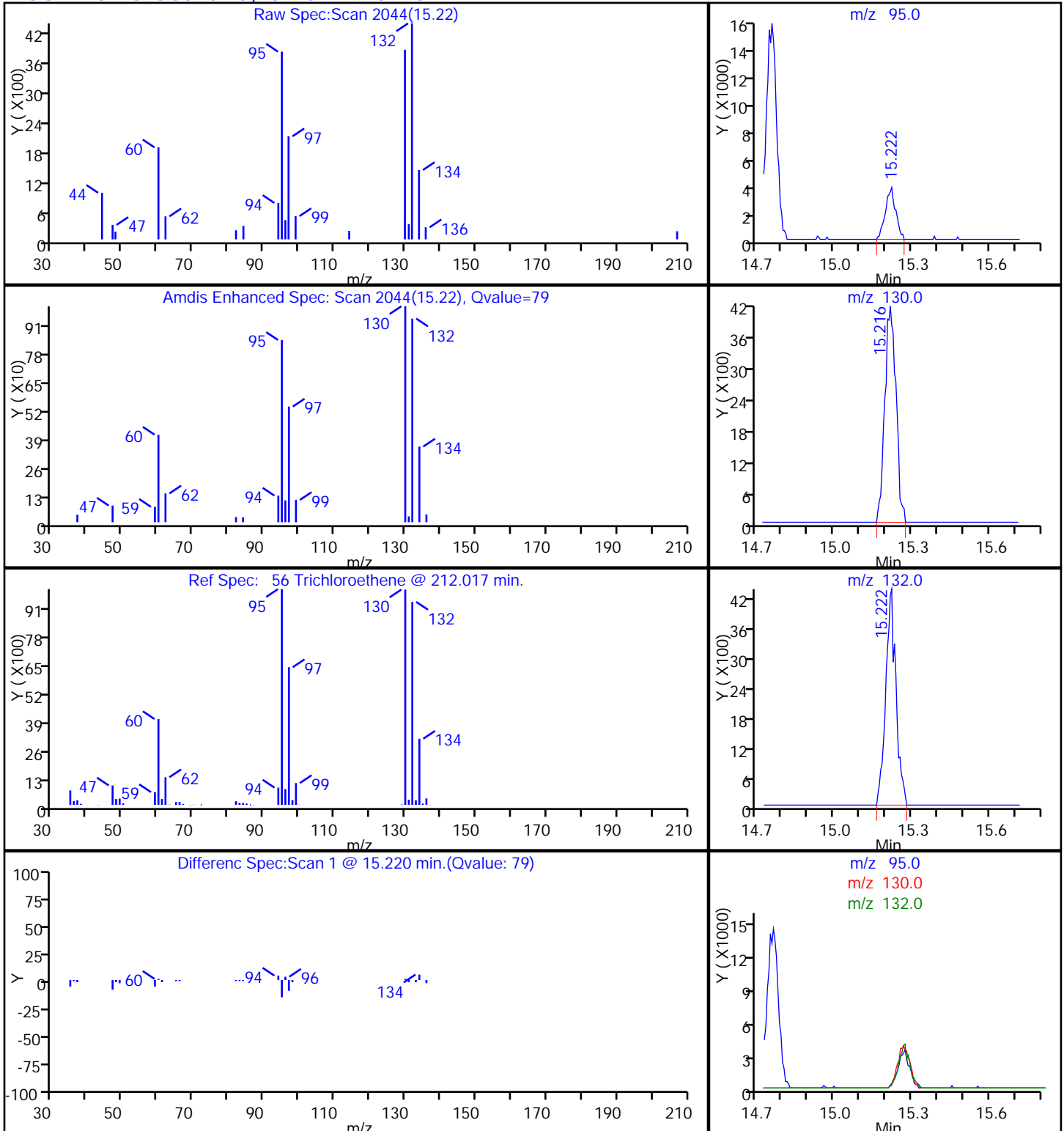
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

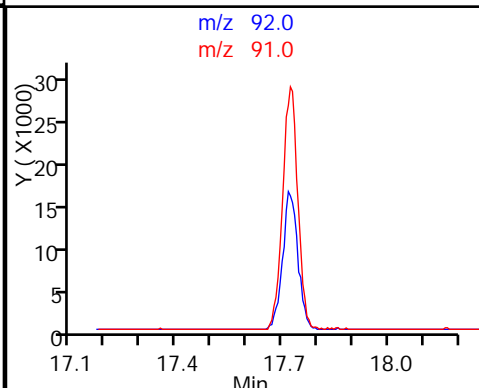
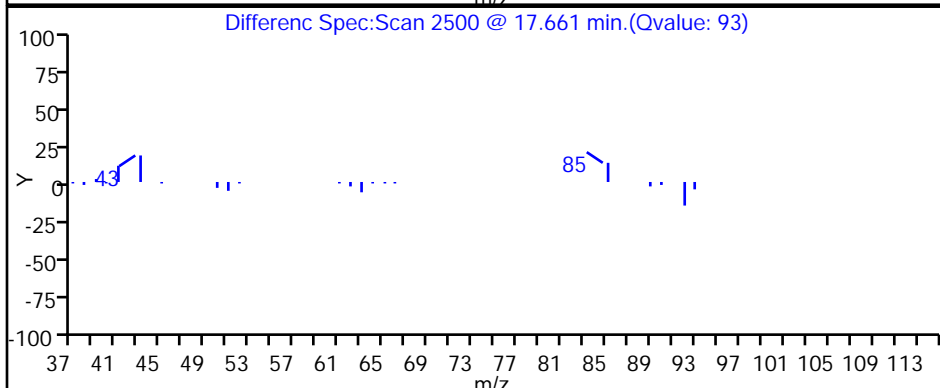
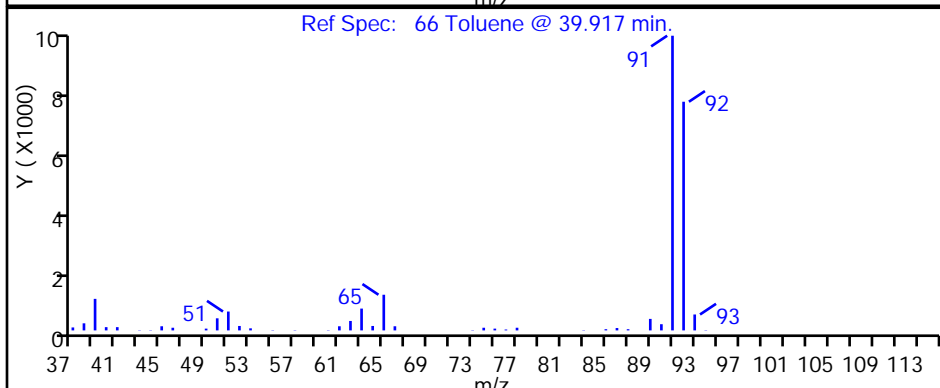
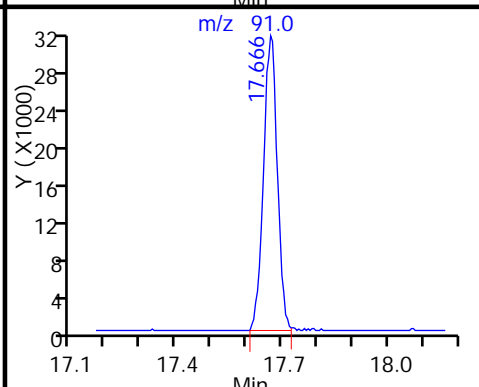
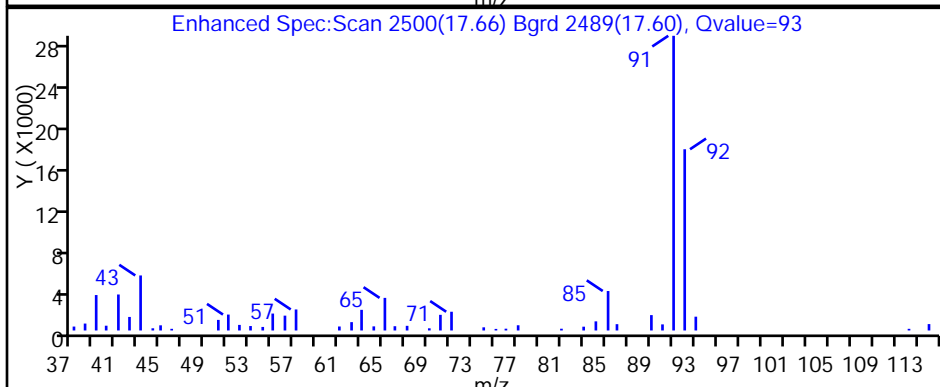
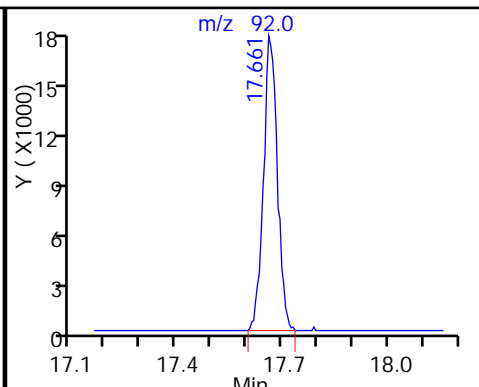
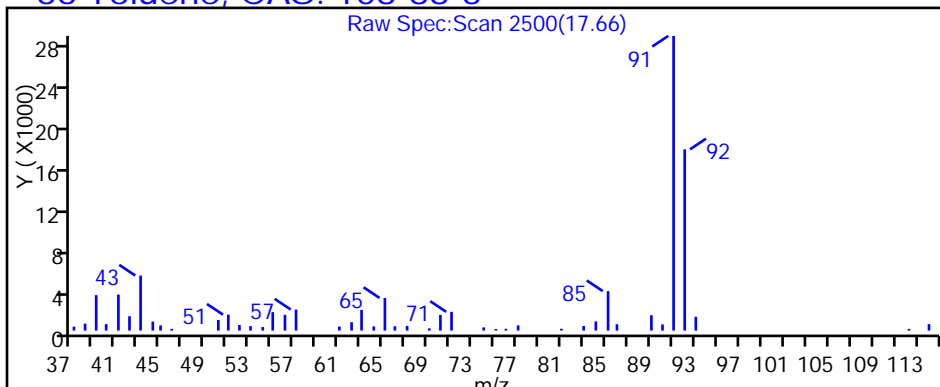
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

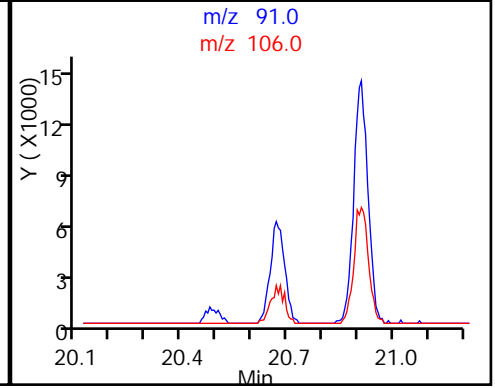
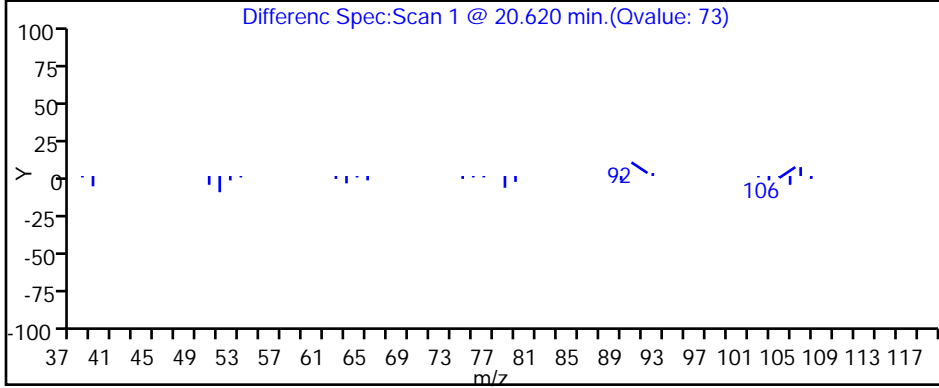
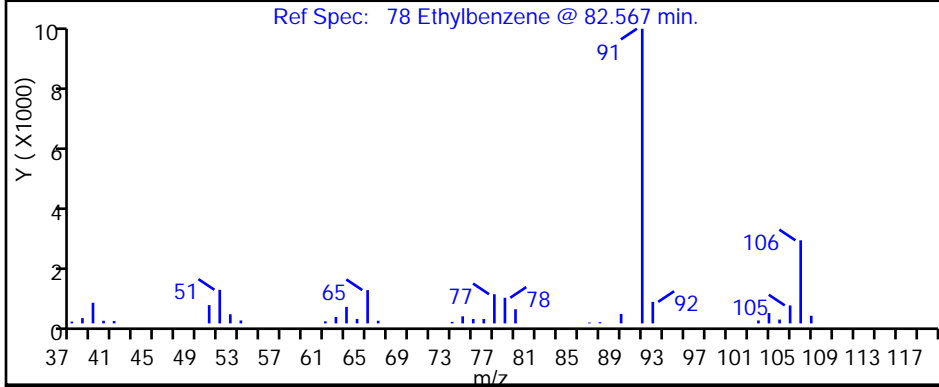
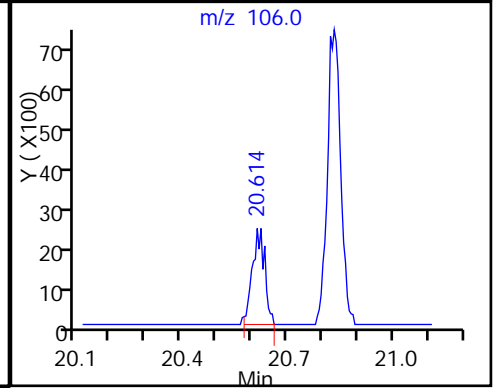
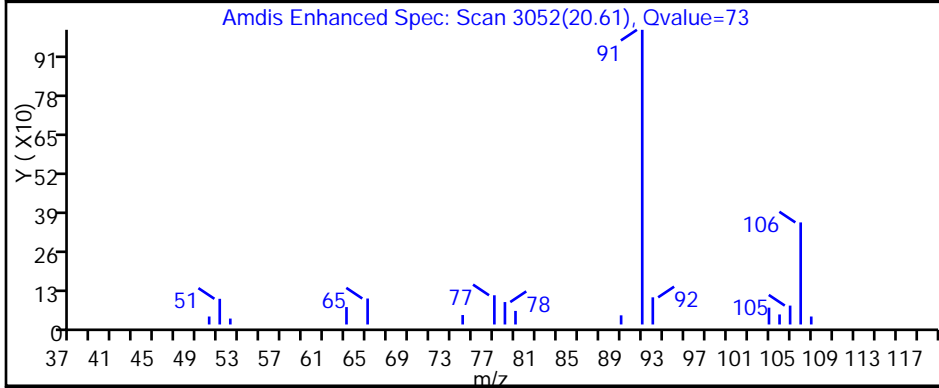
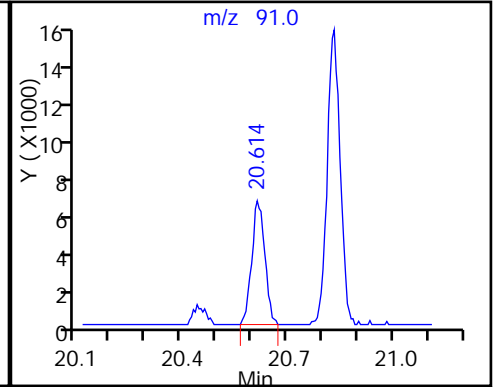
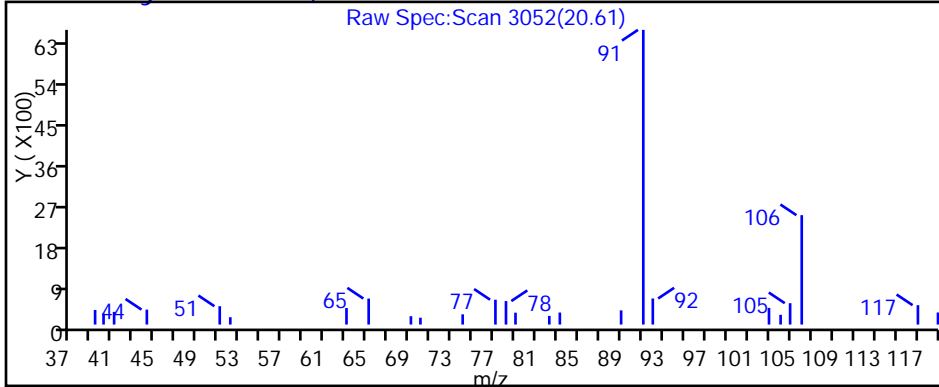
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

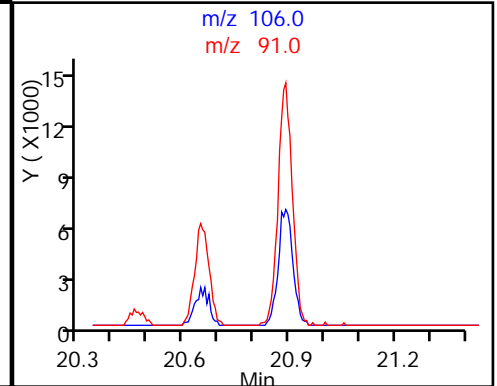
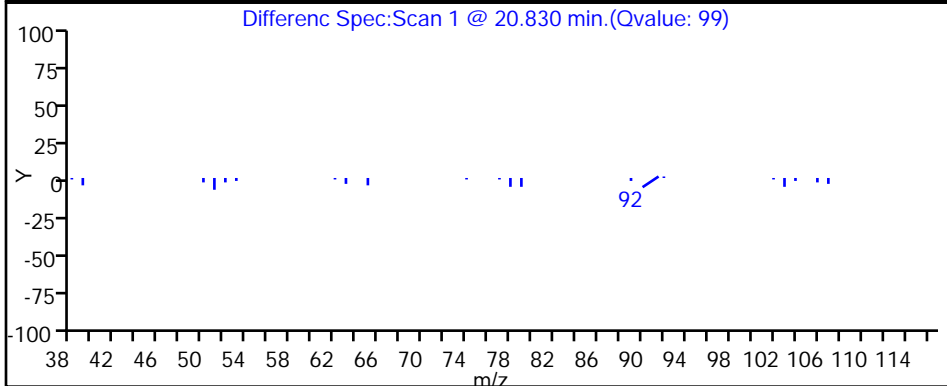
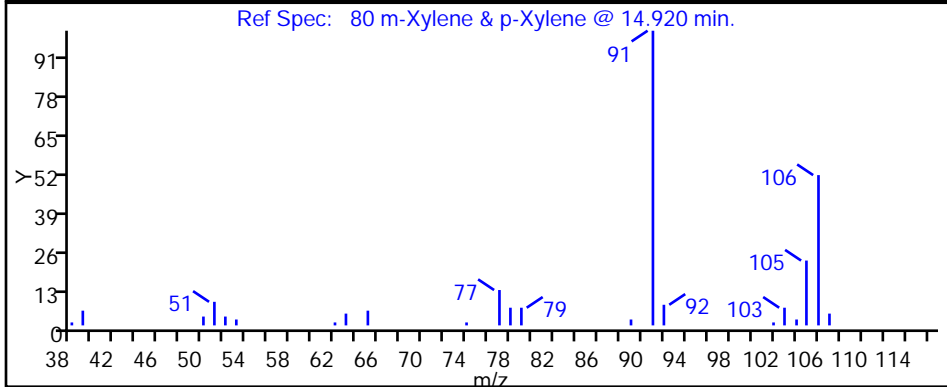
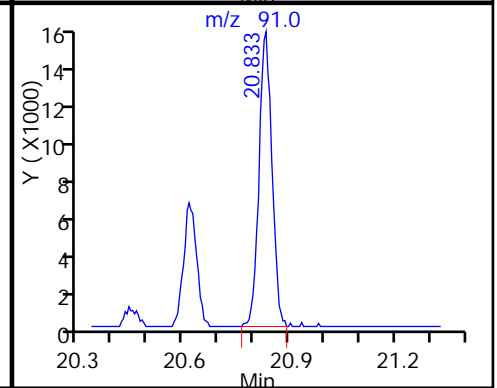
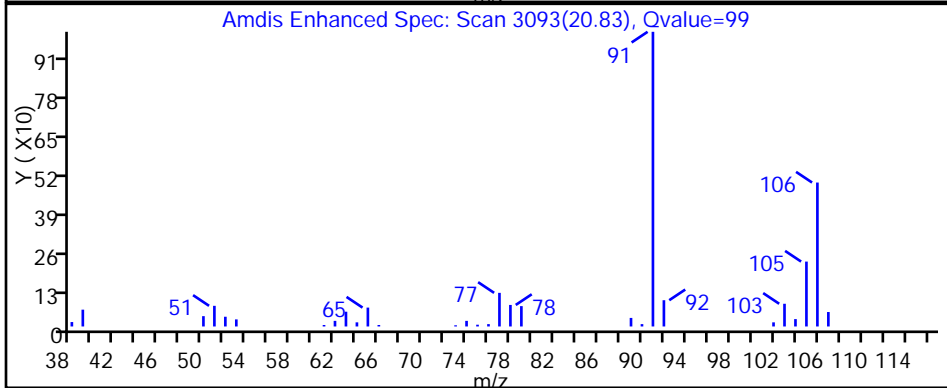
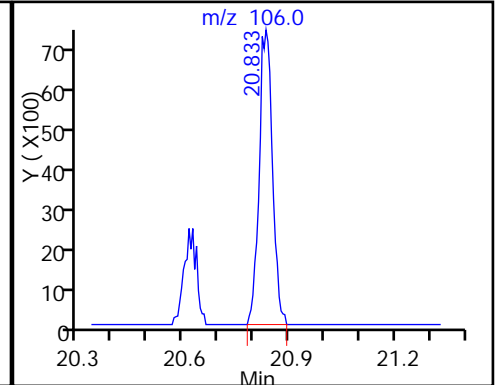
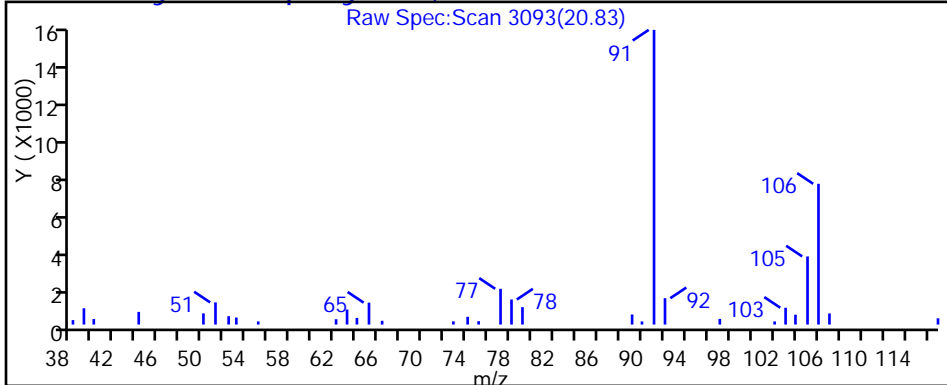
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

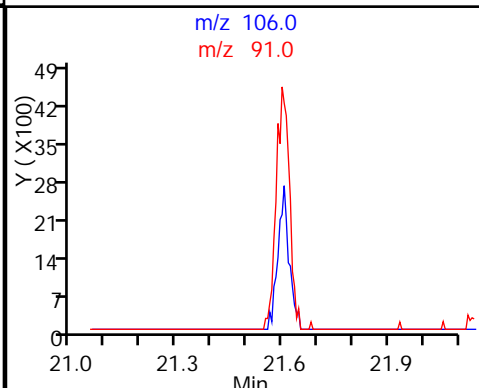
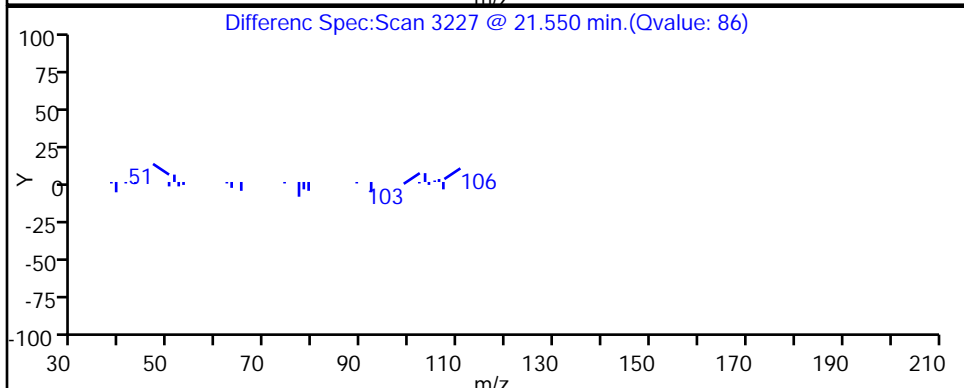
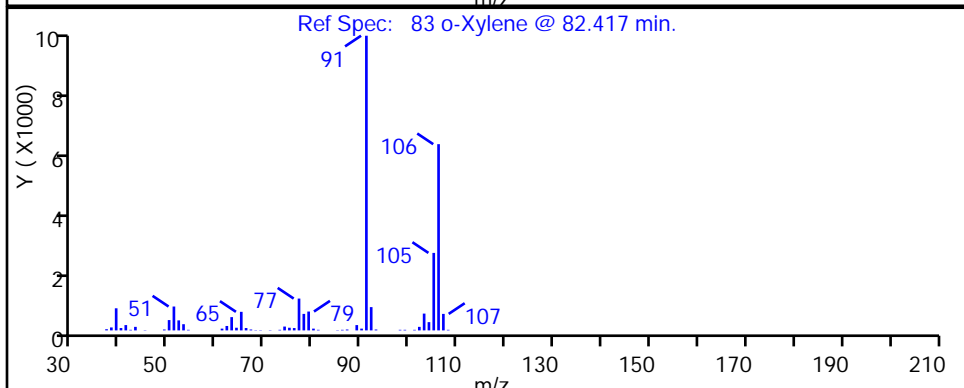
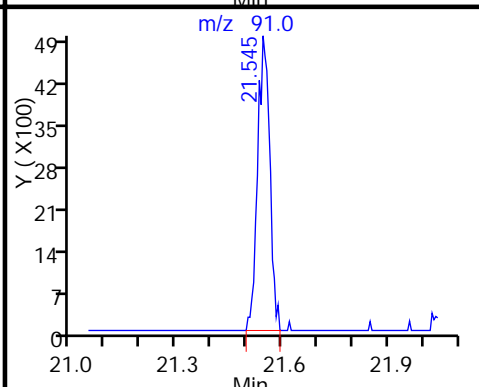
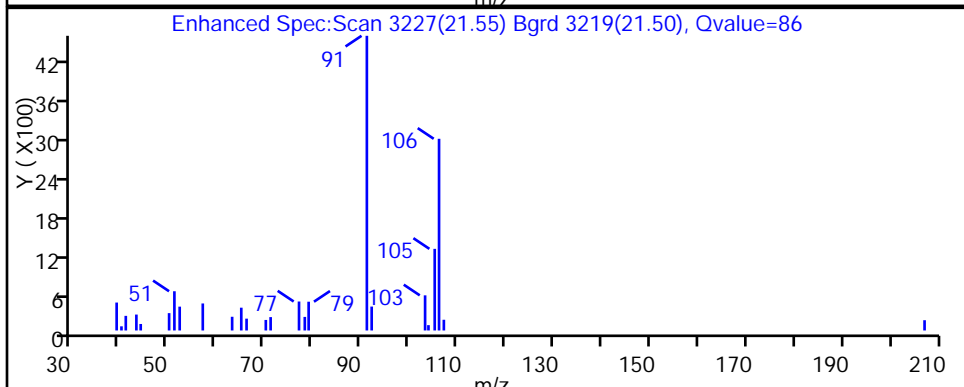
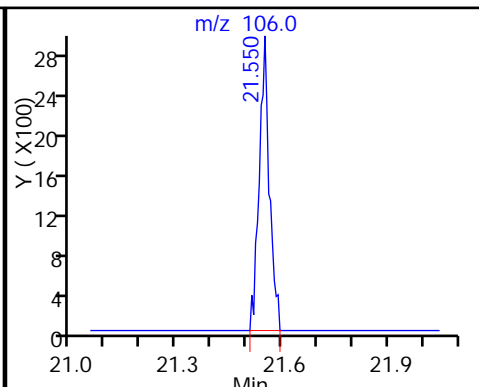
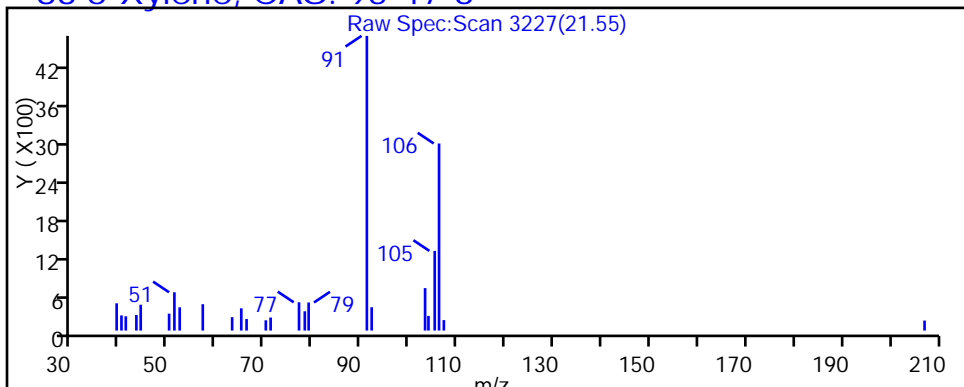
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

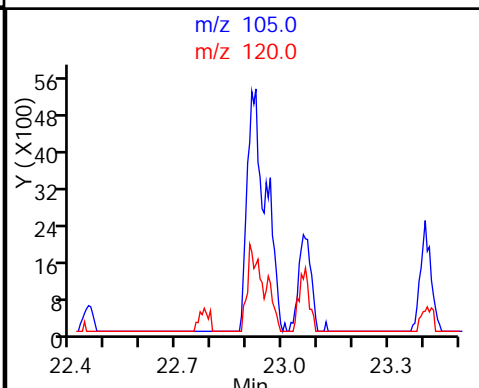
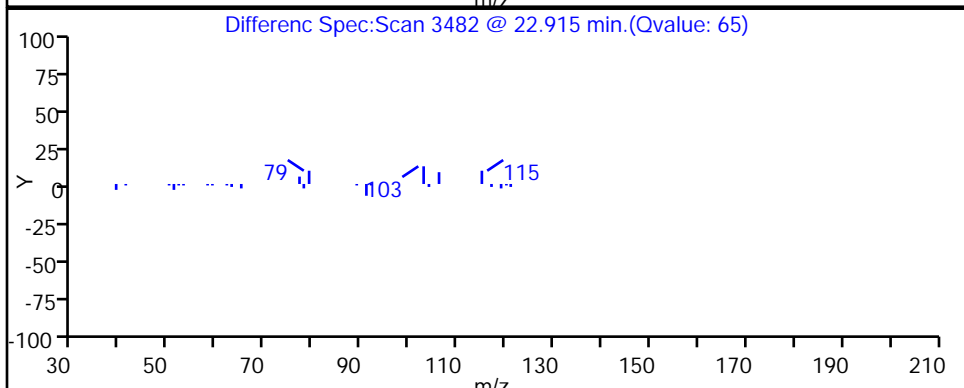
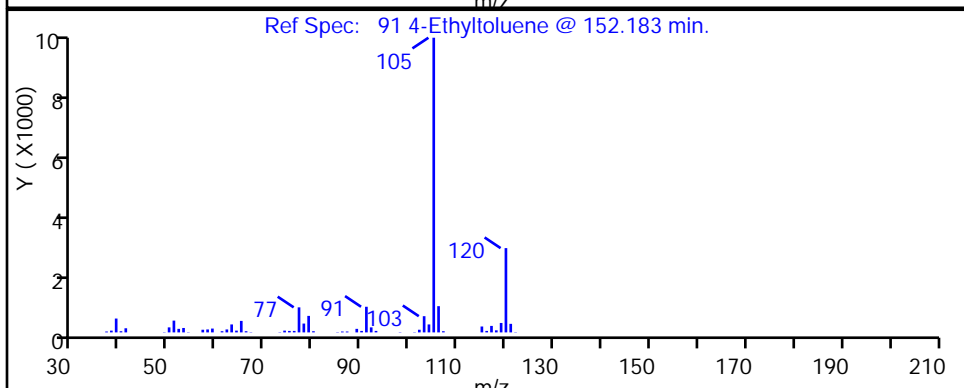
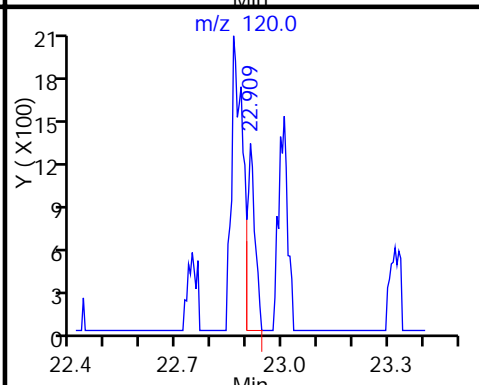
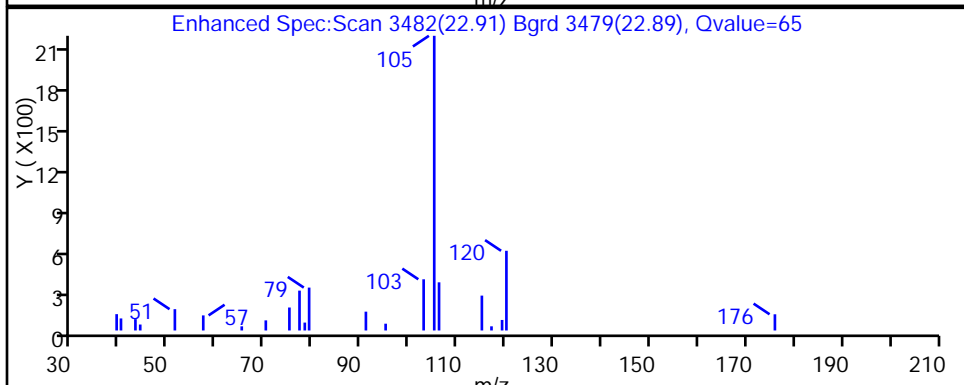
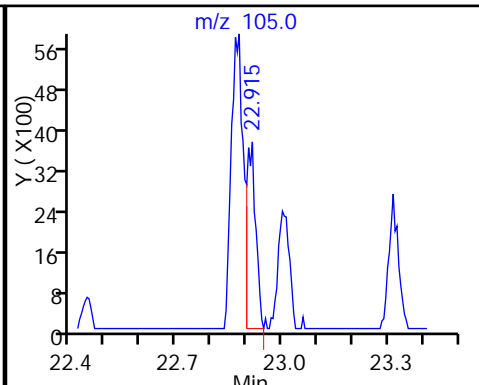
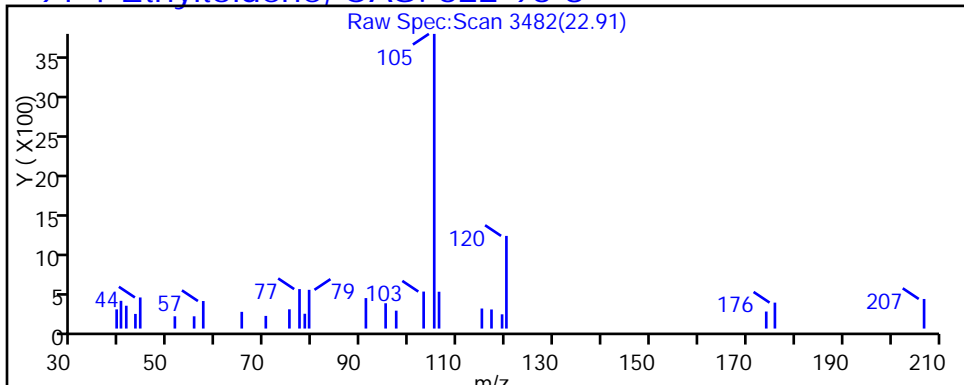
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

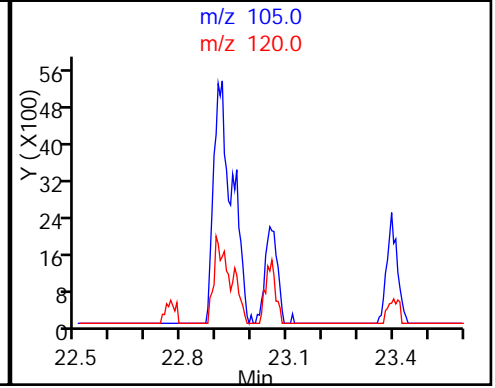
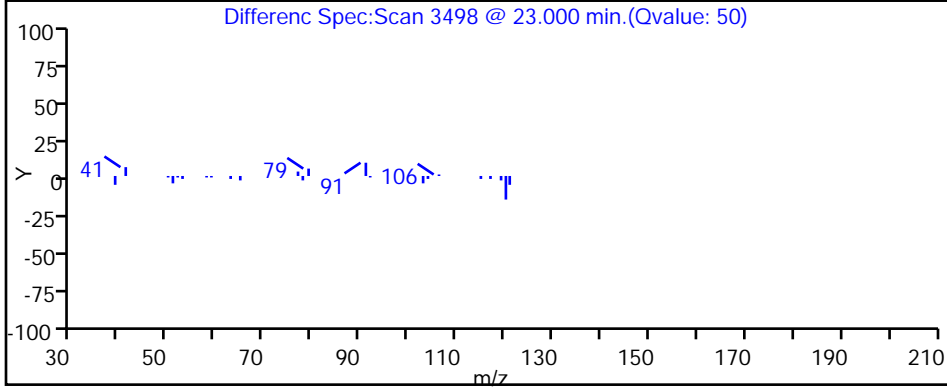
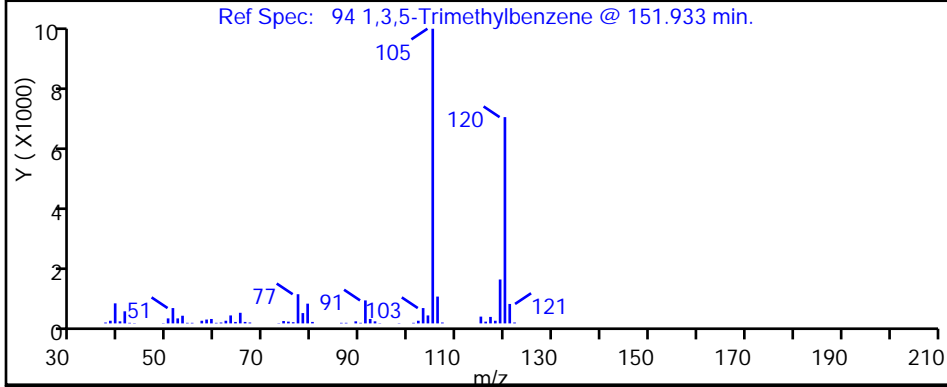
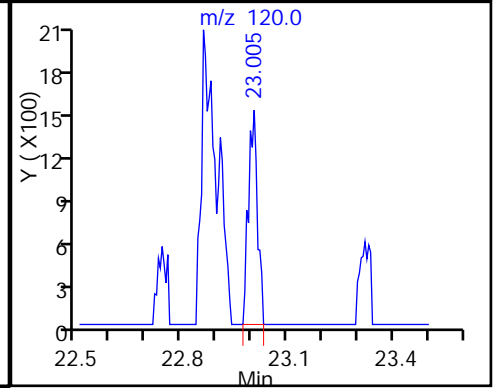
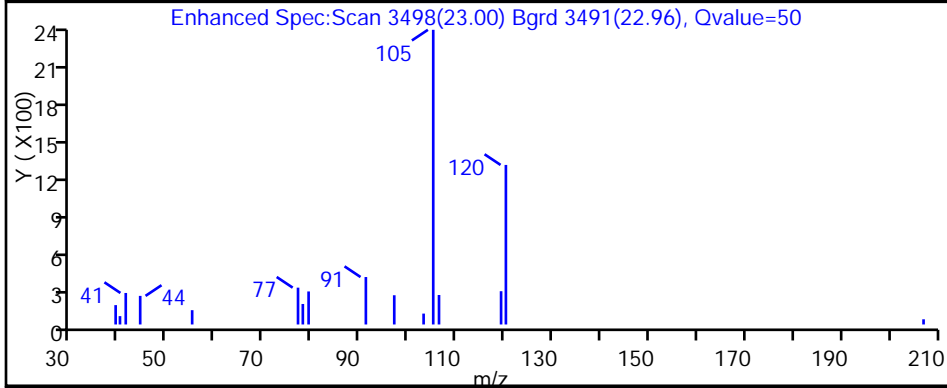
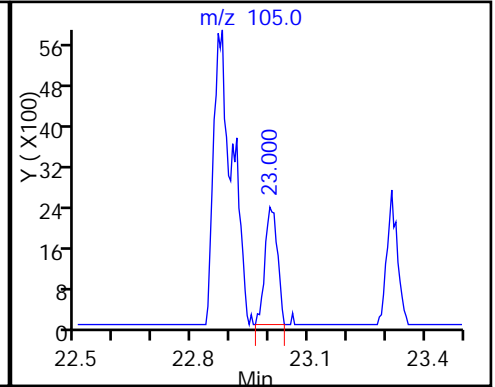
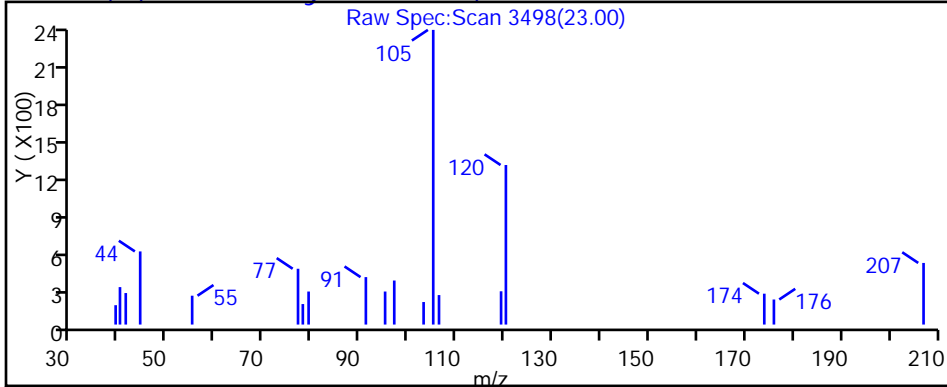
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d

Injection Date: 25-Feb-2014 04:13:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-2

Lab Sample ID: 200-20969-2

Client ID: AMB-021314

Operator ID: bl

ALS Bottle#: 4

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

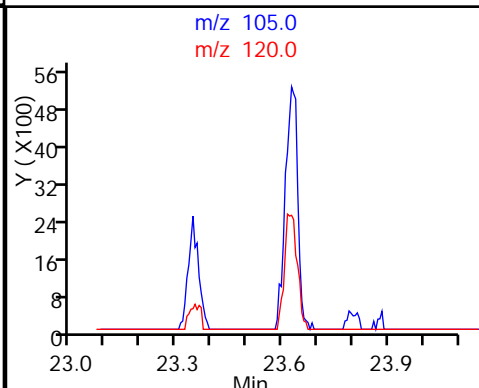
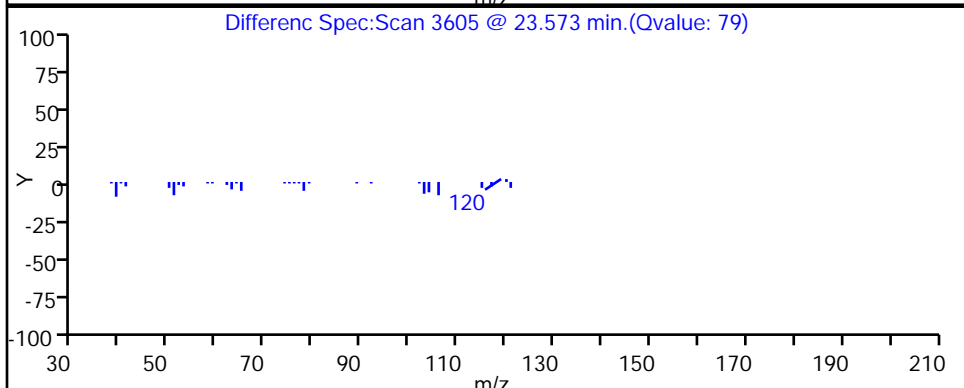
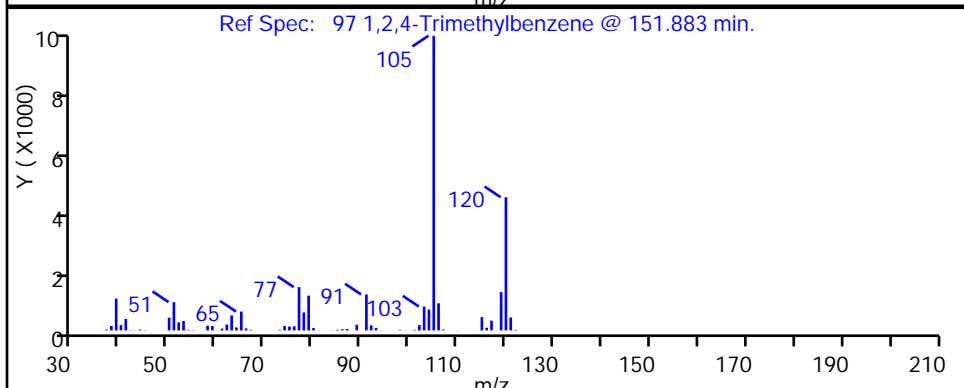
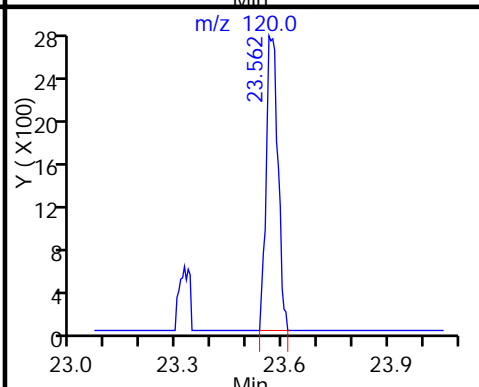
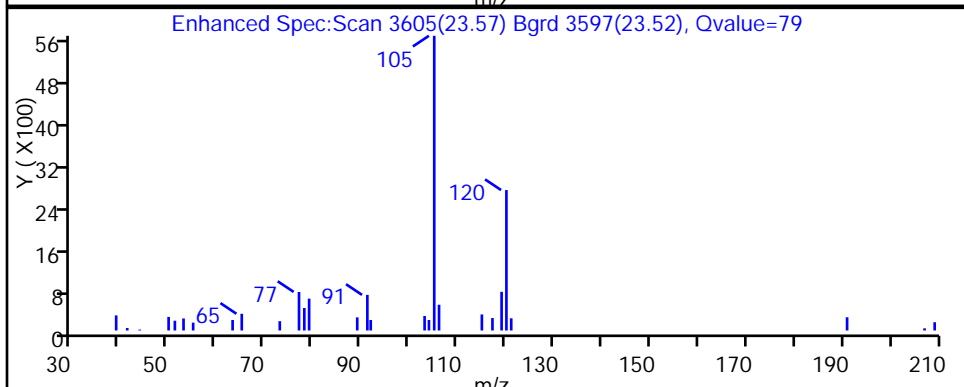
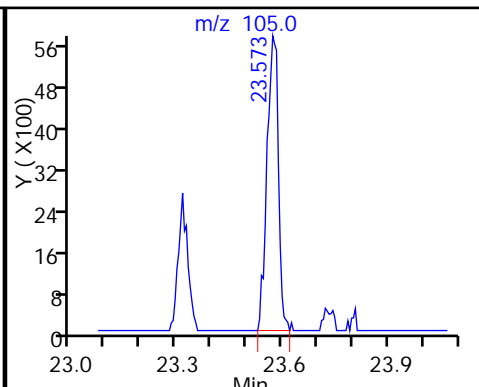
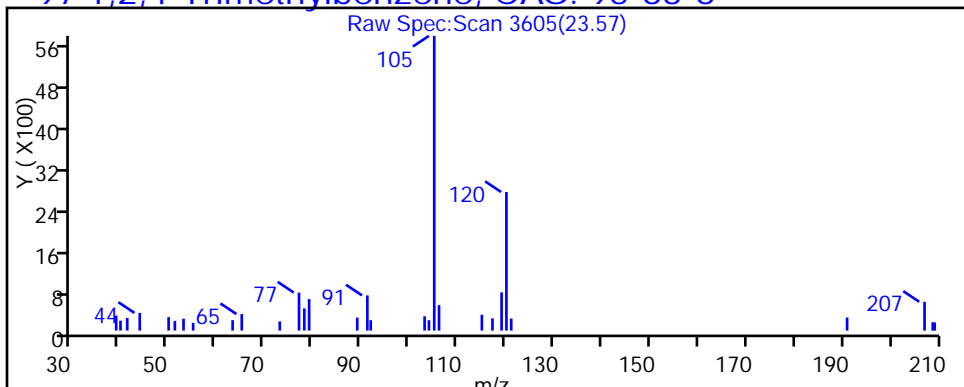
Method: TO15_LLNI_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



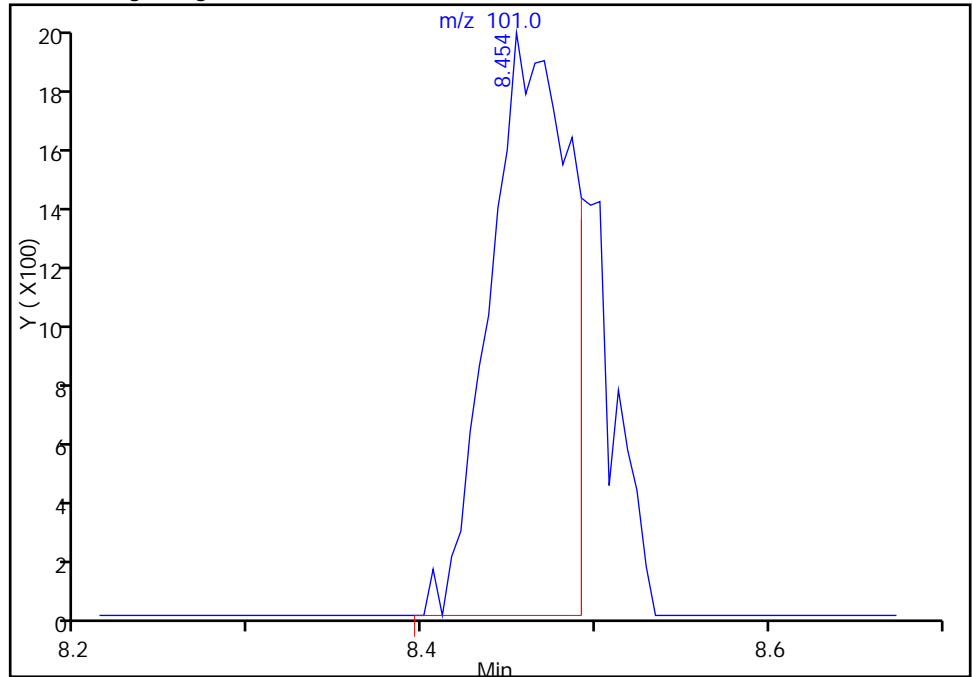
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d
Injection Date: 25-Feb-2014 04:13:30 Instrument ID: CHW.i
Lims ID: 200-20969-A-2 Lab Sample ID: 200-20969-2
Client ID: AMB-021314
Operator ID: bl ALS Bottle#: 4 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

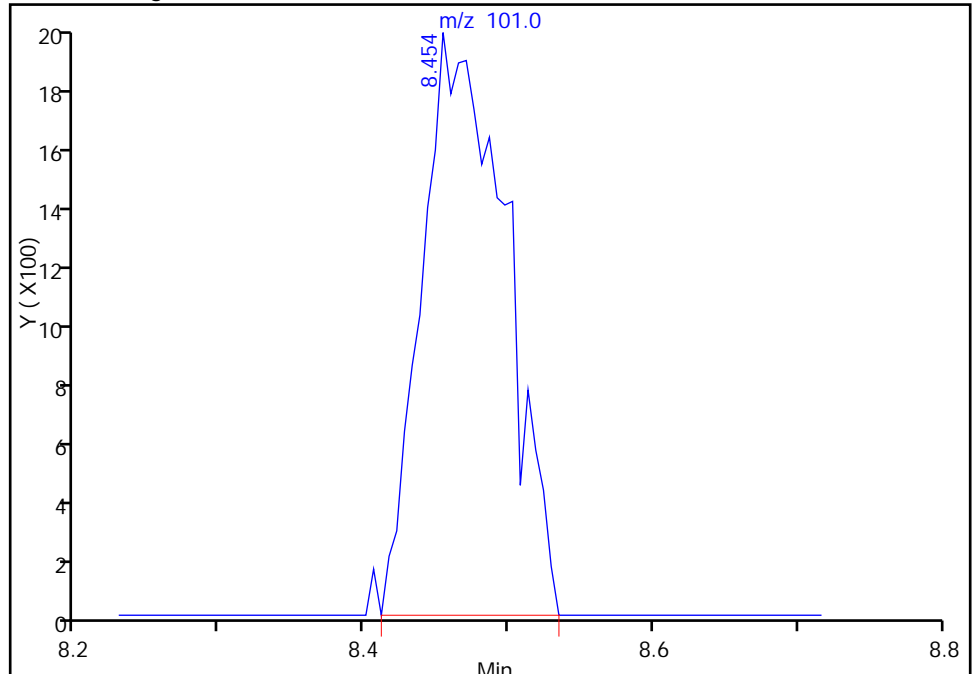
RT: 8.45
Response: 6194
Amount: 0.061306

Processing Integration Results



RT: 8.45
Response: 7750
Amount: 0.076707

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:56:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

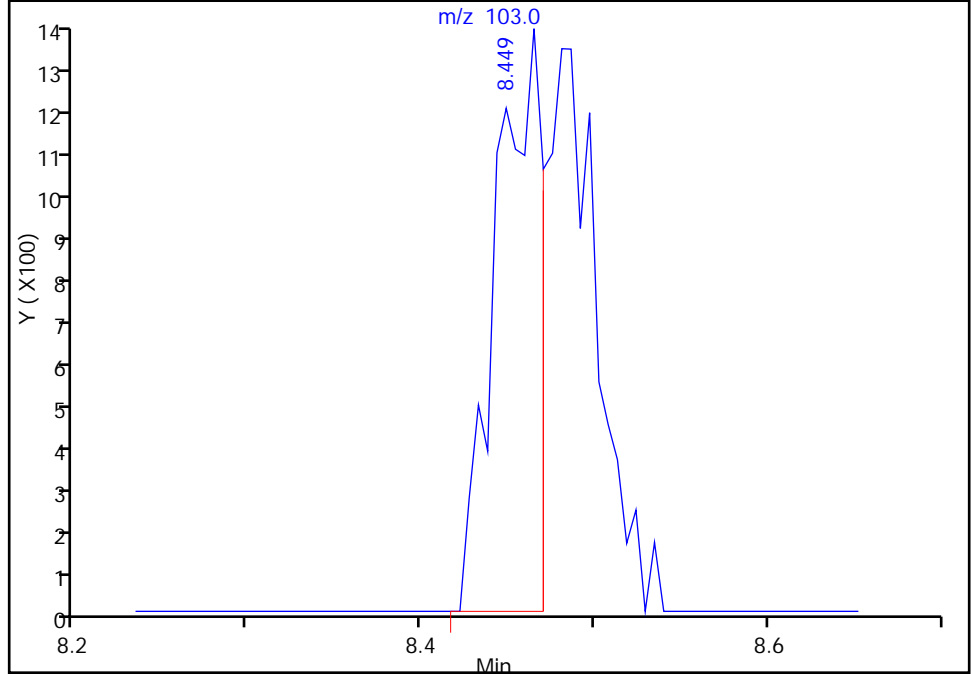
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_021.d
Injection Date: 25-Feb-2014 04:13:30 Instrument ID: CHW.i
Lims ID: 200-20969-A-2 Lab Sample ID: 200-20969-2
Client ID: AMB-021314
Operator ID: bl ALS Bottle#: 4 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

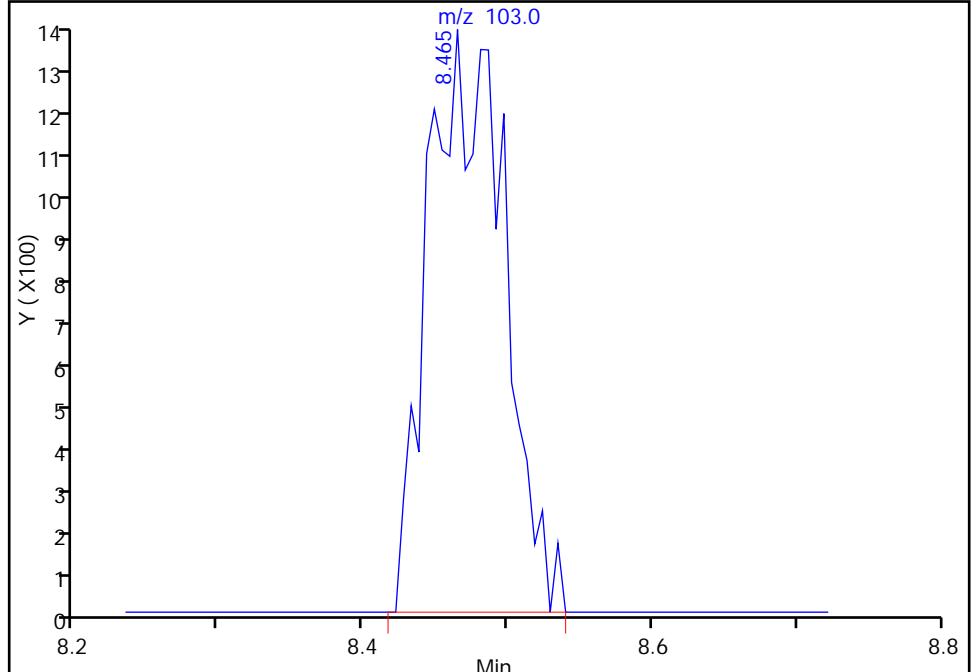
RT: 8.45
Response: 2441
Amount: 0.061306

Processing Integration Results



RT: 8.46
Response: 4802
Amount: 0.076707

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:56:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43 Calibration End Date: 01/03/2014 15:48 Calibration ID: 25229

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-66774/3	cma003.D
Level 2	IC 200-66774/4	cma004.D
Level 3	IC 200-66774/5	cma005.D
Level 4	IC 200-66774/6	cma006.D
Level 5	ICIS 200-66774/7	cma007.D
Level 6	IC 200-66774/8	cma008.D
Level 7	IC 200-66774/9	cma009.D
Level 8	IC 200-66774/10	cma010.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.1534	++++ 0.1423	0.2322 0.1326	0.1758	0.1615	Ave	0.1663				21.0		30.0				
Freon 12	++++ 1.6269	++++ 1.5883	1.8917 1.4716	1.8041	1.7138	Ave	1.6827				9.0		30.0				
Freon 22	++++ 0.4852	++++ 0.4726	0.6178 0.4389	0.5695	0.5217	Ave	0.5176				13.0		30.0				
Freon-114	++++ 1.6919	1.8113 1.6464	2.0117 1.5061	1.9011	1.8031	Ave	1.7674				9.5		30.0				
Chloromethane	++++ 0.2441	++++ 0.2364	0.3414 0.2218	0.2887	0.2658	Ave	0.2664				16.0		30.0				
n-Butane	++++ 0.3644	++++ 0.3322	0.5080 0.3077	0.4051	0.3665	Ave	0.3806				19.0		30.0				
Vinyl chloride	0.3430 0.4107	0.4492 0.4037	0.4920 0.3760	0.4698	0.4351	Ave	0.4224				12.0		30.0				
1,3-Butadiene	++++ 0.2528	0.2900 0.2473	0.2979 0.2325	0.2916	0.2723	Ave	0.2692				9.4		30.0				
Bromomethane	++++ 0.6269	0.6986 0.6201	0.7301 0.5887	0.6857	0.6637	Ave	0.6591				7.5		30.0				
Chloroethane	++++ 0.1956	++++ 0.1908	0.2430 0.1827	0.2226	0.2091	Ave	0.2073				11.0		30.0				
Isopentane	++++ 0.2316	0.3465 0.2216	0.3182 0.2072	0.2697	0.2439	Ave	0.2627				20.0		30.0				
Vinyl bromide	++++ 0.7976	0.8240 0.7865	0.8798 0.7459	0.8459	0.8230	Ave	0.8147				5.3		30.0				
Freon 11	++++ 1.9237	2.0430 1.9035	2.1529 1.7994	2.0712	2.0012	Ave	1.9850				6.0		30.0				
n-Pentane	++++ 0.4279	++++ 0.3933	0.5556 0.3656	0.4886	0.4366	Ave	0.4446				15.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43 Calibration End Date: 01/03/2014 15:48 Calibration ID: 25229

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.0901	++++ 0.0844	0.1030 0.0769	0.0937	0.0949	Ave		0.0905			10.0		30.0				
Ethyl ether	++++ 0.2897	0.3082 0.2826	0.3397 0.2646	0.3341	0.3079	Ave		0.3038			8.9		30.0				
Acrolein	++++ 0.1314	++++ 0.1200	++++ 0.1104	0.1555	0.1422	Ave		0.1319			13.0		30.0				
Freon 113	++++ 1.4252	1.4550 1.4025	1.6044 1.2952	1.5512	1.4836	Ave		1.4596			6.9		30.0				
1,1-Dichloroethene	++++ 0.6788	0.6828 0.6691	0.7560 0.6170	0.7378	0.7119	Ave		0.6933			6.7		30.0				
Acetone	++++ 0.3652	++++ 0.3542	++++ 0.3257	0.4547	0.4534	Ave		0.3906			15.0		30.0				
Carbon disulfide	++++ 1.6576	++++ 1.6237	2.0634 1.5193	1.8638	1.7412	Ave		1.7449			11.0		30.0				
Isopropyl alcohol	++++ 0.2936	++++ 0.2598	++++ 0.2474	0.3405	0.2985	Ave		0.2879			13.0		30.0				
Allyl chloride	++++ 0.2644	0.2948 0.2589	0.3316 0.2428	0.3113	0.2828	Ave		0.2838			11.0		30.0				
Acetonitrile	++++ 0.2644	++++ 0.2589	++++ 0.2428	0.1761	0.1538	Ave		0.2192			23.0		30.0				
Methylene Chloride	++++ 0.3003	++++ 0.2906	0.4706 0.2728	0.3652	0.3191	Ave		0.3364			22.0		30.0				
tert-Butyl alcohol	++++ 0.7325	++++ 0.6727	++++ 0.6352	0.8204	0.7444	Ave		0.7211			9.9		30.0				
Methyl tert-butyl ether	++++ 1.6114	1.6174 1.5763	1.8114 1.4769	1.7744	1.6874	Ave		1.6507			7.0		30.0				
trans-1,2-Dichloroethene	++++ 0.6196	0.6628 0.6034	0.7432 0.5527	0.7107	0.6613	Ave		0.6505			10.0		30.0				
Acrylonitrile	++++ 0.2390	++++ 0.2302	0.2711 0.2217	0.2744	0.2529	Ave		0.2482			8.7		30.0				
Hexane	++++ 0.6177	0.6997 0.5810	0.7733 0.5420	0.6926	0.6361	Ave		0.6489			12.0		30.0				
1,1-Dichloroethane	0.8567 0.8839	0.9671 0.8724	1.0216 0.8205	1.0012	0.9357	Ave		0.9199			7.9		30.0				
Vinyl acetate	++++ 0.6943	++++ 0.6751	++++ 0.6397	0.7997	0.6904	Ave		0.6999			8.5		30.0				
cis-1,2-Dichloroethene	++++ 0.9367	0.9365 0.9313	1.0163 0.8882	0.9714	0.9607	Ave		0.9487			4.2		30.0				
Methyl Ethyl Ketone	++++ 0.3419	++++ 0.3353	0.4766 0.3134	0.3795	0.3662	Ave		0.3688			16.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.0791	++++ 0.0782	++++ 0.0735	0.0792	0.0802	Ave		0.0780			3.4		30.0				
Tetrahydrofuran	++++ 0.0625	++++ 0.0581	++++ 0.0543	0.0787	0.0686	Ave		0.0644			15.0		30.0				
Chloroform	++++ 1.7265	1.7655 1.7144	1.8915 1.6185	1.8381	1.7823	Ave		1.7624			5.0		30.0				
Cyclohexane	++++ 0.2206	0.2314 0.2153	0.2433 0.2020	0.2386	0.2294	Ave		0.2258			6.3		30.0				
1,1,1-Trichloroethane	++++ 0.3491	0.3520 0.3451	0.3809 0.3276	0.3746	0.3635	Ave		0.3561			5.1		30.0				
Carbon tetrachloride	0.3658 0.3951	0.3693 0.3955	0.4109 0.3822	0.4102	0.4064	Ave		0.3919			4.5		30.0				
2,2,4-Trimethylpentane	++++ 0.5555	0.6323 0.5271	0.6878 0.4715	0.6611	0.6030	Ave		0.5912			13.0		30.0				
Benzene	++++ 0.4995	0.5574 0.4871	0.5702 0.4515	0.5455	0.5244	Ave		0.5194			8.2		30.0				
1,2-Dichloroethane	++++ 0.1761	0.1805 0.1724	0.2040 0.1633	0.1982	0.1868	Ave		0.1831			7.8		30.0				
Heptane	++++ 0.1522	0.2032 0.1407	0.2046 0.1241	0.1905	0.1666	Ave		0.1688			19.0		30.0				
n-Butanol	++++ 0.0755	++++ 0.0665	++++ 0.0612	0.0850	0.0739	Ave		0.0724			13.0		30.0				
Trichloroethene	0.2736 0.2665	0.2637 0.2678	0.2799 0.2563	0.2667	0.2688	Ave		0.2679			2.6		30.0				
1,2-Dichloropropane	++++ 0.1869	0.1963 0.1817	0.2117 0.1683	0.2046	0.1969	Ave		0.1923			7.6		30.0				
Methyl methacrylate	++++ 0.2038	++++ 0.2009	0.1995 0.1891	0.2106	0.2090	Ave		0.2021			3.8		30.0				
1,4-Dioxane	++++ 0.0933	++++ 0.0848	++++ 0.0765	0.0979	0.0943	Ave		0.0894			9.6		30.0				
Dibromomethane	++++ 0.2791	0.2312 0.2918	0.2441 0.2976	0.2489	0.2677	Ave		0.2658			9.5		30.0				
Bromodichloromethane	++++ 0.4098	0.3793 0.4065	0.4098 0.3869	0.4205	0.4181	Ave		0.4044			3.8		30.0				
cis-1,3-Dichloropropene	++++ 0.3311	0.3048 0.3280	0.3353 0.3137	0.3386	0.3377	Ave		0.3270			4.0		30.0				
methyl isobutyl ketone	++++ 0.2422	++++ 0.2276	0.2916 0.2027	0.2930	0.2659	Ave		0.2538			14.0		30.0				
Toluene	++++ 0.4927	0.5042 0.4915	0.5055 0.4640	0.4913	0.4989	Ave		0.4926			2.8		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43 Calibration End Date: 01/03/2014 15:48 Calibration ID: 25229

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Octane	++++ 0.2586	0.3446 0.2356	0.3609 0.1915	0.3339	0.2904	Ave		0.2879			22.0		30.0				
trans-1,3-Dichloropropene	++++ 0.3400	0.3597 0.3382	0.3532 0.3235	0.3548	0.3545	Ave		0.3463			3.7		30.0				
1,1,2-Trichloroethane	++++ 0.2246	0.2168 0.2223	0.2352 0.2088	0.2311	0.2301	Ave		0.2241			4.1		30.0				
Tetrachloroethene	0.3897 0.4555	0.3798 0.4747	0.4103 0.4781	0.4124	0.4414	Ave		0.4302			8.8		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.2468	++++ 0.2292	0.3031 0.2012	0.3014	0.2708	Ave		0.2588			16.0		30.0				
Dibromochloromethane	++++ 0.5052	0.3959 0.5164	0.4331 0.5141	0.4748	0.4972	Ave		0.4767			9.6		30.0				
1,2-Dibromoethane	++++ 0.4516	0.3990 0.4567	0.4200 0.4400	0.4376	0.4509	Ave		0.4366			4.7		30.0				
Chlorobenzene	++++ 0.7132	0.6545 0.7239	0.6827 0.7079	0.6828	0.7089	Ave		0.6963			3.4		30.0				
Ethylbenzene	++++ 1.0668	1.0186 1.0647	1.0909 1.0032	1.0732	1.0809	Ave		1.0569			3.1		30.0				
n-Nonane	++++ 0.3790	0.4551 0.3552	0.4830 0.2994	0.4483	0.4107	Ave		0.4044			16.0		30.0				
m,p-Xylene	++++ 0.4555	0.4052 0.4547	0.4430 0.4192	0.4452	0.4592	Ave		0.4403			4.6		30.0				
Xylene, o-	++++ 0.4409	0.3991 0.4455	0.4281 0.4277	0.4309	0.4428	Ave		0.4307			3.7		30.0				
Styrene	++++ 0.7106	0.5452 0.7160	0.6009 0.6889	0.6757	0.7053	Ave		0.6632			9.8		30.0				
Bromoform	++++ 0.5506	0.3827 0.5677	0.4173 0.5642	0.4984	0.5335	Ave		0.5021			15.0		30.0				
Cumene	++++ 1.2577	1.1317 1.2571	1.2050 1.1873	1.2395	1.2648	Ave		1.2204			4.0		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.5883	0.5757 0.5667	0.6158 0.4999	0.6251	0.6116	Ave		0.5833			7.3		30.0				
n-Propylbenzene	++++ 1.4526	1.4124 1.4151	1.4790 1.2576	1.5018	1.4844	Ave		1.4290			5.8		30.0				
1,2,3-Trichloropropane	++++ 0.4301	++++ 0.4101	0.4882 0.3565	0.4745	0.4552	Ave		0.4358			11.0		30.0				
n-Decane	++++ 0.4542	++++ 0.4059	0.6224 0.3021	0.5793	0.4983	Ave		0.4770			24.0		30.0				
4-Ethyltoluene	++++ 1.2953	1.1892 1.2529	1.2601 1.0470	1.3220	1.3254	Ave		1.2417			7.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 0.9769	0.9664 0.9291	1.0126 0.7648	1.0437	1.0202	Ave		0.9591			9.8		30.0				
1,3,5-Trimethylbenzene	++++ 1.0708	0.9593 1.0628	1.0233 0.9827	1.0693	1.0706	Ave		1.0341			4.5		30.0				
Alpha Methyl Styrene	++++ 0.5964	0.4409 0.5996	0.4649 0.5800	0.5597	0.5703	Ave		0.5445			12.0		30.0				
tert-Butylbenzene	++++ 1.0617	0.9085 1.0675	1.0000 1.0087	1.0382	1.0519	Ave		1.0195			5.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.0757	0.9471 1.0619	0.9981 0.9804	1.0776	1.0682	Ave		1.0298			5.2		30.0				
sec-Butylbenzene	++++ 1.5466	1.4102 1.5268	1.4873 1.3862	1.5623	1.5484	Ave		1.4954			4.7		30.0				
4-Isopropyltoluene	++++ 1.3870	1.1811 1.3883	1.2425 1.2652	1.3546	1.3614	Ave		1.3115			6.2		30.0				
1,3-Dichlorobenzene	++++ 0.8174	0.6914 0.8180	0.6658 0.7835	0.7792	0.7958	Ave		0.7644			8.0		30.0				
1,4-Dichlorobenzene	++++ 0.8186	0.6903 0.8196	0.6690 0.7953	0.7654	0.7945	Ave		0.7647			8.0		30.0				
Benzyl chloride	++++ 0.9439	0.8388 0.9149	0.8501 0.8624	0.9640	0.9621	Ave		0.9052			6.0		30.0				
n-Butylbenzene	++++ 1.0865	1.1000 1.0067	1.1109 0.7914	1.2053	1.1374	Ave		1.0626			13.0		30.0				
n-Undecane	++++ 0.4618	++++ 0.3898	++++ 0.2558	0.6453	0.4763	Ave		0.4458			32.0	*	30.0				
1,2-Dichlorobenzene	++++ 0.7609	0.6678 0.7630	0.6407 0.7513	0.7239	0.7388	Ave		0.7209			6.7		30.0				
n-Dodecane	++++ 0.5264	++++ 0.4572	++++ 0.2040	0.6058	0.3060	Ave		0.4199			39.0	*	30.0				
1,2,4-Trichlorobenzene	++++ 0.6507	++++ 0.6077	0.2708 0.4851	0.5217	0.5159	Ave		0.5087			26.0		30.0				
Hexachloro-1,3-butadiene	++++ 0.5595	0.4362 0.5567	0.4306 0.3699	0.5220	0.5079	Ave		0.4833			15.0		30.0				
Naphthalene	++++ 1.3059	++++ 1.0506	0.3315 0.9664	0.8109	0.8281	Ave		0.8822			37.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.5601	0.4638 0.5130	0.2207 0.3312	0.4522	0.4139	Ave		0.4221			27.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-66774/3	cma003.D
Level 2	IC 200-66774/4	cma004.D
Level 3	IC 200-66774/5	cma005.D
Level 4	IC 200-66774/6	cma006.D
Level 5	ICIS 200-66774/7	cma007.D
Level 6	IC 200-66774/8	cma008.D
Level 7	IC 200-66774/9	cma009.D
Level 8	IC 200-66774/10	cma010.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 124122	++++ 157143	5571 298655	42935	84638	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 12	BCM	Ave	++++ 1316189	++++ 1754058	45377 3315356	440533	898118	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 392514	++++ 521868	14821 988759	139066	273415	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon-114	BCM	Ave	++++ 1368796	++++ 17710 1818253	48257 3393002	464216	944889	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 197446	++++ 261114	8190 499671	70501	139299	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 294776	++++ 366810	12186 693094	98918	192043	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	703 332260	4392 445864	11803 846985	114705	228021	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 204506	2835 273104	7147 523834	71198	142721	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 507195	6831 684801	17513 1326169	167437	347831	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 158262	++++ 210748	5829 411528	54348	109569	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 187359	3388 244772	7633 466708	65852	127794	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl bromide	BCM	Ave	++++ 645267	8057 868559	21104 1680461	206549	431306	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon 11	BCM	Ave	++++ 1556335	19976 2102105	51644 4053828	505743	1048712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 346175	++++ 434342	13327 823720	119316	228804	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 97367	++++ 186347	24739 432862	45774	74658	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 234347	3013 312120	8149 596037	81581	161365	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 106342	++++ 132544	++++ 248766	37975	74508	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon 113	BCM	Ave	++++ 1153017	14226 1548857	38486 2917761	378769	777486	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 549125	6676 738974	18135 1389925	180155	373073	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 295444	++++ 391172	++++ 733792	111024	237601	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 1341038	++++ 1793102	49498 3422690	455113	912494	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 237522	++++ 286886	++++ 557249	83134	156436	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Allyl chloride	BCM	Ave	++++ 213885	2882 285868	7954 547043	76006	148213	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 213885	++++ 285861	++++ 547029	43003	80607	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 242935	++++ 320938	11288 614488	89173	167207	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 592633	++++ 742921	++++ 1431100	200334	390095	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1303626	15814 1740821	43452 3327207	433281	884266	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 501227	6481 666324	17829 1245123	173528	346536	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 193356	++++ 254226	6503 499532	67000	132521	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexane	BCM	Ave	++++ 499690	6841 641670	18551 1221057	169121	333354	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1756 715112	9456 963481	24506 1848529	244466	490369	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 561708	++++ 745535	++++ 1441251	195275	361815	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 757771	9157 1028480	24378 2001034	237194	503475	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 276633	++++ 370305	11432 706139	92669	191902	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 64014	++++ 86361	++++ 165484	19335	42054	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 289349	++++ 371828	++++ 708235	105798	201675	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1396759	17262 1893294	45374 3646312	448827	934006	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 1020592	12523 1378482	32227 2636392	320896	674009	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1615260	19053 2209737	50442 4276728	503779	1068292	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	4267 1828171	19989 2532074	54412 4988641	551593	1194161	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 2570029	34225 3374963	91084 6155007	889099	1772110	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 2311015	30171 3118954	75512 5893988	733560	1541036	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 814888	9772 1104020	27010 2131827	266586	549003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Heptane	DFB	Ave	++++ 704042	10999 900677	27101 1619771	256172	489714	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 349357	++++ 425996	++++ 798972	114306	217103	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	3192 1233269	14274 1714473	37062 3345512	358675	789784	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 864837	10622 1163175	28037 2197076	275105	578531	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 942825	++++ 1286318	26422 2468173	283187	614278	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 431565	++++ 543037	++++ 999017	131628	277018	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 1291367	12513 1868268	32333 3885444	334700	786588	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1896111	20532 2602704	54274 5051043	565458	1228678	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 1531995	16495 2100471	44401 4095202	455388	992342	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 1120828	++++ 1456998	38613 2646426	394075	781397	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 2196929	25455 3047441	62424 5885894	628054	1407345	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 1196735	18652 1508661	47800 2499868	449048	853405	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 1573168	19466 2165511	46779 4222649	477111	1041881	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 1001770	10948 1377991	29041 2648591	295352	649014	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	4229 2031274	19177 2943208	50675 6064560	527159	1245014	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1100791	++++ 1421043	++++ 37430 2552778	385316	763872	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 2252964	19986 3201569	53484 6521503	606906	1402463	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 2013934	20146 2831746	51874 5581701	559382	1271910	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 3180517	33042 4487860	84317 8980350	872800	1999703	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 4757073	51427 6600852	134729 12725806	1371777	3048982	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 1689974	22977 2202089	59655 3797852	572999	1158583	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 4062425	40912 5638403	109426 10635110	1138257	2590473	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1965912	20148 2761754	52875 5425653	550762	1249103	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 3168626	27525 4439325	74216 8738808	863740	1989385	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 2455409	19324 3519944	51533 7156617	637087	1504831	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 5608554	57135 7793634	148819 15060699	1584424	3567777	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 2623603	29067 3513658	76052 6341028	799069	1725251	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 6477530	71307 8773755	182650 15953282	1919597	4187105	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1917898	++++ 2542638	60287 4522411	606575	1283930	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 2025555	++++ 2516659	76865 3831625	740523	1405567	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 5776169	60039 7768139	155619 13281490	1689816	3738585	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 4356577	48789 5760441	125060 9701240	1334057	2877864	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 4774950	48434 6588946	126376 12465448	1366762	3019837	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 2659502	22259 3717362	57416 7357313	715477	1608683	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 4734472	45870 6618459	123503 12795874	1327113	2967315	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 66774

SDG No.: 200-20955-1

Instrument ID: CHC.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 01/03/2014 09:43

Calibration End Date: 01/03/2014 15:48

Calibration ID: 25229

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 4796792	47819 6583826	123258 12436082	1377412	3013132	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 6896883	71199 9466258	183683 17583772	1996965	4367727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 6185335	59633 8607057	153445 16048695	1731528	3840403	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 3645061	34909 5071291	82226 9939069	996013	2244736	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 3650630	34850 5081191	82626 10088897	978415	2241230	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 4209069	42350 5672247	104986 10939788	1232207	2713993	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 4845205	55538 6241306	137191 10038946	1540692	3208309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 2059120	++++ 2416563	++++ 3244490	824877	1343489	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 3393031	33715 4730576	79120 9530424	925329	2084160	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 2347257	++++ 2834400	++++ 2587541	774295	863185	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 2901798	++++ 3767518	33442 6153908	666882	1455384	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachloro-1,3-butadiene	CBZ	Ave	++++ 2494911	22022 3451475	53181 4692774	667222	1432742	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 5823598	++++ 6513834	40941 12259209	1036507	2335893	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 2497503	++++ 23415 3180482	27258 4201320	578055	1167583	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D
 Lims ID: ic Lab Sample ID: VIBLK 200-66774/3-A
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 03-Jan-2014 09:43:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-003
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:30 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: lyonsb

Date: 14-Jan-2014 12:55:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		3.181					
2 Dichlorodifluoromethane	85		3.256					
6 Chlorodifluoromethane	51		3.320					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.549					
8 Chloromethane	50		3.704					
9 Butane	43		3.918					
10 Vinyl chloride	62	3.976	3.971	0.005	20	703	0.0325	M
11 Butadiene	54		4.056					
12 Bromomethane	94		4.798					
13 Chloroethane	64		5.060					
14 2-Methylbutane	43		5.134					
15 Vinyl bromide	106		5.476					
16 Trichlorofluoromethane	101		5.583					
17 Pentane	43		5.732					
19 Ethanol	45		6.239					
21 Ethyl ether	59		6.303					
22 Acrolein	56		6.719					
23 1,1,2-Trichloro-1,2,2-trifluoro	101		6.725					
24 1,1-Dichloroethene	96		6.773					
25 Acetone	43		7.056					
26 Carbon disulfide	76		7.157					
27 Isopropyl alcohol	45		7.371					
29 3-Chloro-1-propene	41		7.605					
30 Acetonitrile	41		7.776					
31 Methylene Chloride	49		7.915					
32 2-Methyl-2-propanol	59		8.176					
33 Methyl tert-butyl ether	73		8.331					
34 trans-1,2-Dichloroethene	61		8.358					
35 Acrylonitrile	53		8.555					
36 Hexane	57		8.758					

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
37	1,1-Dichloroethane	63	9.276	9.281	-0.005	2	1756	0.0373	M
38	Vinyl acetate	43		9.377					
S 41	1,2-Dichloroethene, Total	61		10.200					
39	cis-1,2-Dichloroethene	96		10.445					
40	2-Butanone (MEK)	72		10.530					
42	Ethyl acetate	88		10.562					
* 43	Chlorobromomethane	128	10.936	10.936	0.0	64	511329	10.0	
44	Tetrahydrofuran	42		10.952					
45	Chloroform	83		11.080					
46	Cyclohexane	84		11.304					M
47	1,1,1-Trichloroethane	97		11.352					
48	Carbon tetrachloride	117	11.608	11.608	0.0	59	4267	0.0374	M
51	Isooctane	57		12.067					
50	Benzene	78		12.110					
52	1,2-Dichloroethane	62		12.318					
53	n-Heptane	43		12.478					
* 54	1,4-Difluorobenzene	114	13.006	13.006	0.0	91	2909925	10.0	
55	n-Butanol	56		13.449					
56	Trichloroethene	95	13.481	13.487	-0.006	46	3192	0.0409	M
A 57	GRO	1		5.124	21.886				
58	1,2-Dichloropropane	63		14.090					
59	Methyl methacrylate	69		14.271					
60	1,4-Dioxane	88		14.335					
61	Dibromomethane	174		14.351					
62	Dichlorobromomethane	83		14.655					M
A 63	TVOC as Toluene	1		3.171	27.394				
64	cis-1,3-Dichloropropene	75		15.616					
65	4-Methyl-2-pentanone (MIBK)	43		15.926					
A 67	Toluene Range	1		16.174	16.254				
66	Toluene	92		16.214					
A 69	C8 Range	1		16.201	16.301				
68	n-Octane	43		16.251					
70	trans-1,3-Dichloropropene	75		16.828					
71	1,1,2-Trichloroethane	83		17.212					M
72	Tetrachloroethene	166	17.292	17.297	-0.005	62	4229	0.0363	
73	2-Hexanone	43		17.671					
74	Chlorodibromomethane	129		17.975					
75	Ethylene Dibromide	107		18.252					
* 76	Chlorobenzene-d5	117	19.149	19.149	0.0	81	2707206	10.0	
77	Chlorobenzene	112		19.208					
78	Ethylbenzene	91		19.357					
79	n-Nonane	57		19.459					
81	m-Xylene & p-Xylene	106		19.608					M
S 82	Xylenes, Total	106		20.100					
83	o-Xylene	106		20.414					
84	Styrene	104		20.467					
85	Bromoform	173		20.862					
86	Isopropylbenzene	105		21.049					
\$ 87	4-Bromofluorobenzene	95	21.401	21.401	0.0	97	1885193	NC	
88	1,1,2,2-Tetrachloroethane	83		21.668					
90	N-Propylbenzene	91		21.727					
89	1,2,3-Trichloropropane	75		21.764					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
93	n-Decane		57		21.876		
91	4-Ethyltoluene		105		21.908		
92	2-Chlorotoluene		91		21.924		
94	1,3,5-Trimethylbenzene		105		22.010		
95	Alpha Methyl Styrene		118		22.362		
96	tert-Butylbenzene		119		22.479		
97	1,2,4-Trimethylbenzene		105		22.570		
98	sec-Butylbenzene		105		22.794		
99	4-Isopropyltoluene		119		22.992		
100	1,3-Dichlorobenzene		146		23.029		
101	1,4-Dichlorobenzene		146		23.168		
102	Benzyl chloride		91		23.376		
103	n-Butylbenzene		91		23.579		
104	Undecane		57		23.584		
105	1,2-Dichlorobenzene		146		23.723		
106	Dodecane		57		25.244		
107	1,2,4-Trichlorobenzene		180		26.354		
108	Hexachlorobutadiene		225		26.541		
109	Naphthalene		128		26.882		
110	1,2,3-Trichlorobenzene		180		27.384		

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D

Injection Date: 03-Jan-2014 09:43:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID: VIBLK 200-66774/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

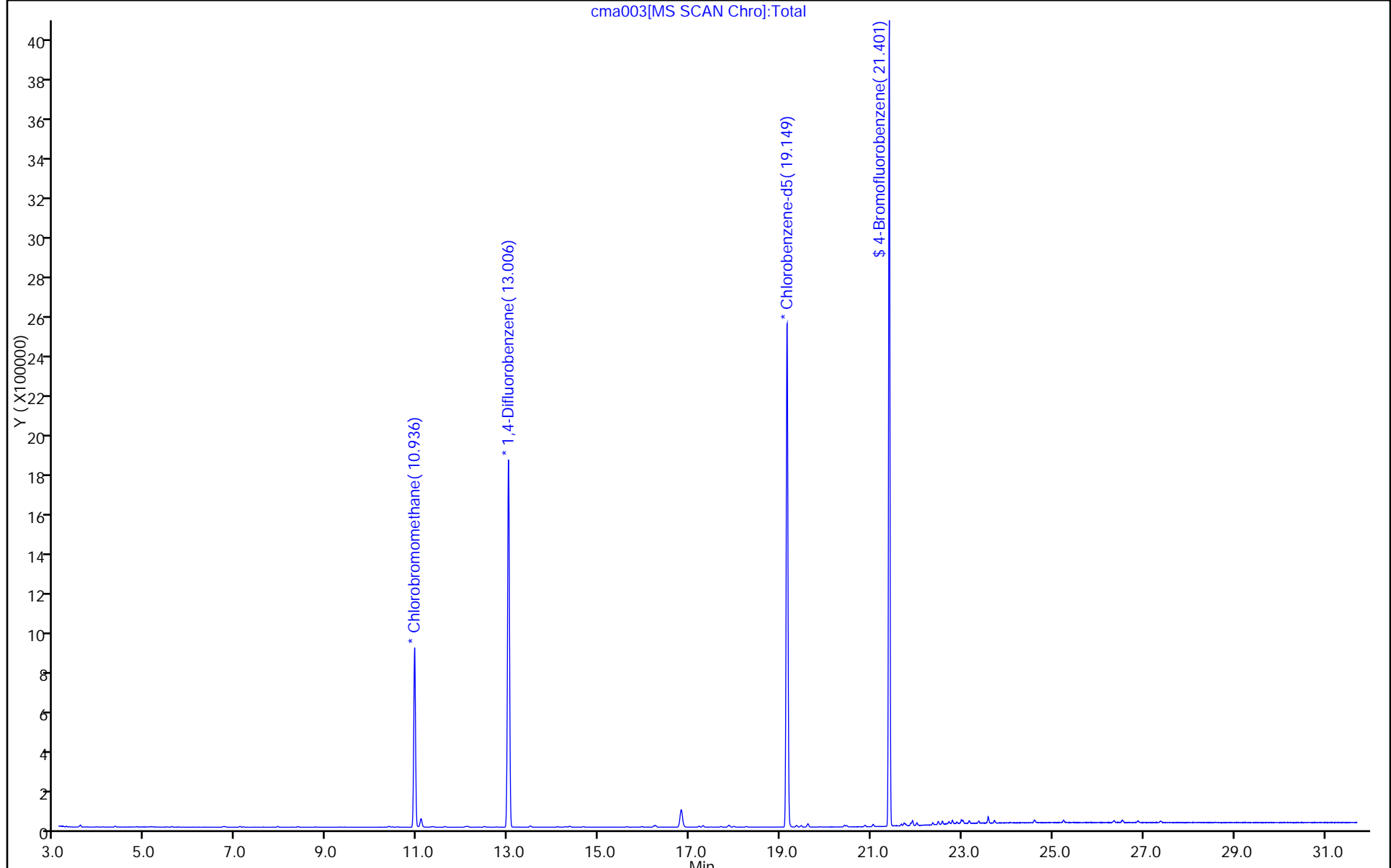
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D
Injection Date: 03-Jan-2014 09:43:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID: VIBLK 200-66774/3-A
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

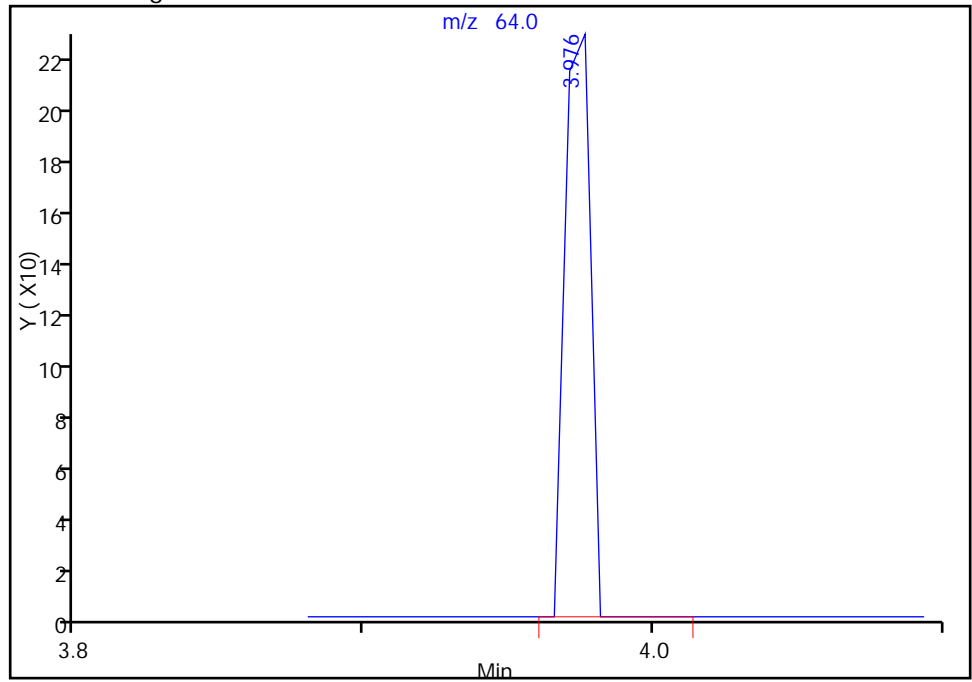
10 Vinyl chloride, CAS: 75-01-4

Processing Integration Results

RT: 3.97
Response: 0
Amount: 0.032546

RT: 3.98
Response: 137
Amount: 0.032546

Manual Integration Results



Reviewer: lyonsb, 14-Jan-2014 12:59:43
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D
Injection Date: 03-Jan-2014 09:43:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID: VIBLK 200-66774/3-A
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

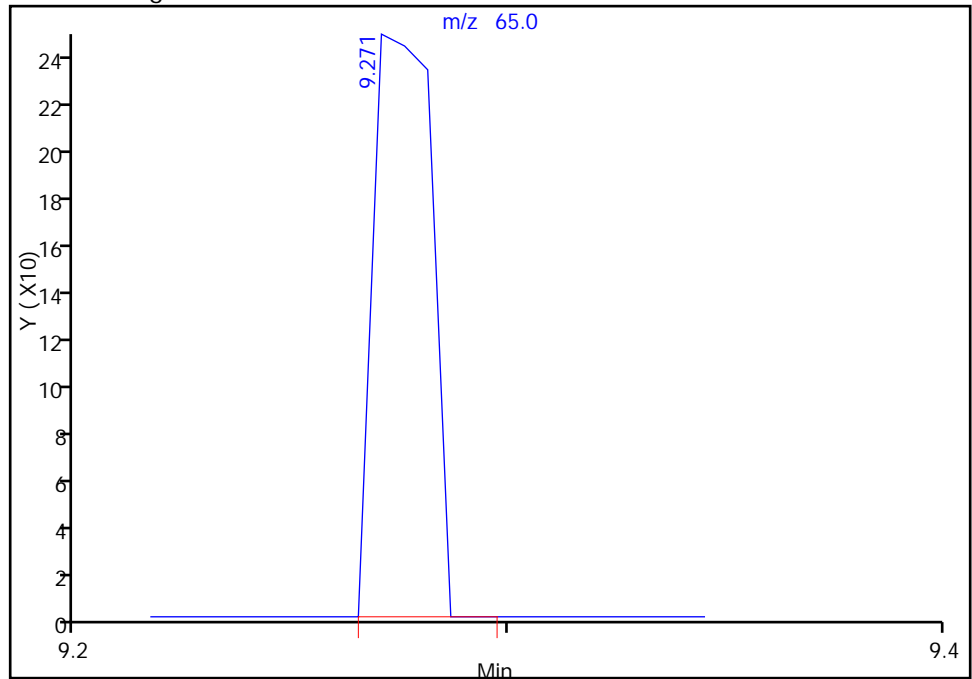
37 1,1-Dichloroethane, CAS: 75-34-3

Processing Integration Results

RT: 9.28
Response: 0
Amount: 0.037332

RT: 9.27
Response: 229
Amount: 0.037332

Manual Integration Results



Reviewer: lyonsb, 14-Jan-2014 12:59:43
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D
Injection Date: 03-Jan-2014 09:43:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID: VIBLK 200-66774/3-A
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

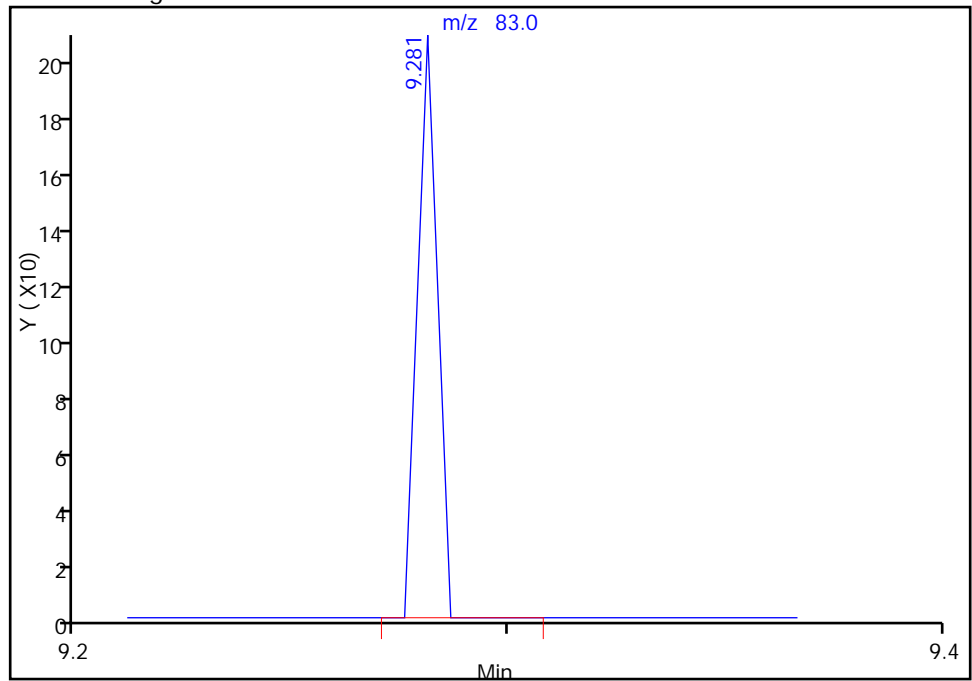
37 1,1-Dichloroethane, CAS: 75-34-3

Processing Integration Results

RT: 9.28
Response: 0
Amount: 0.037332

Manual Integration Results

RT: 9.28
Response: 65
Amount: 0.037332



Reviewer: lyonsb, 14-Jan-2014 12:59:43
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

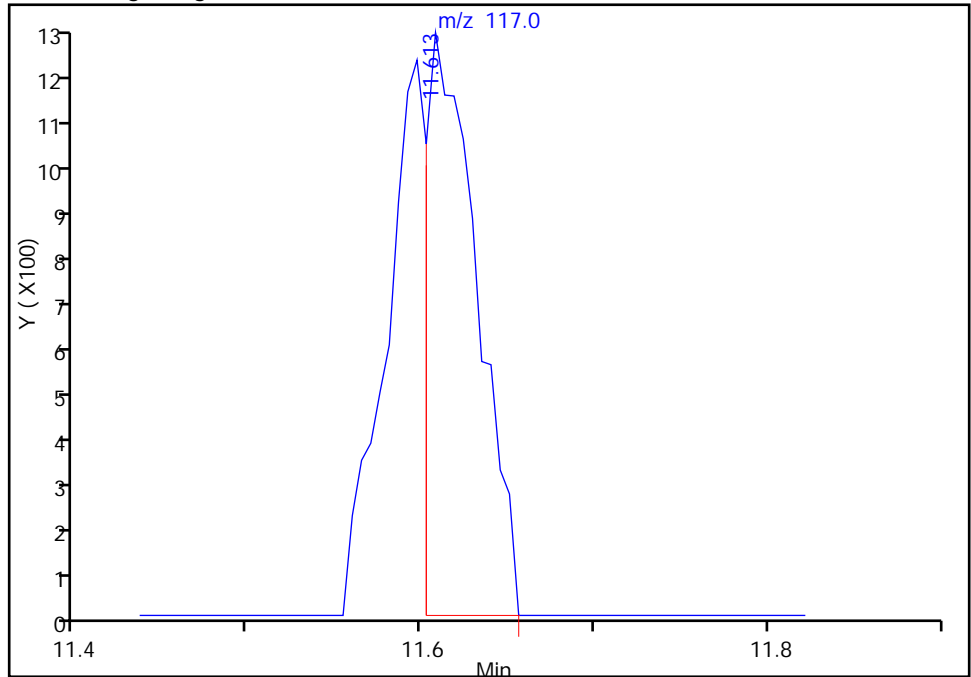
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D
Injection Date: 03-Jan-2014 09:43:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID: VIBLK 200-66774/3-A
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5

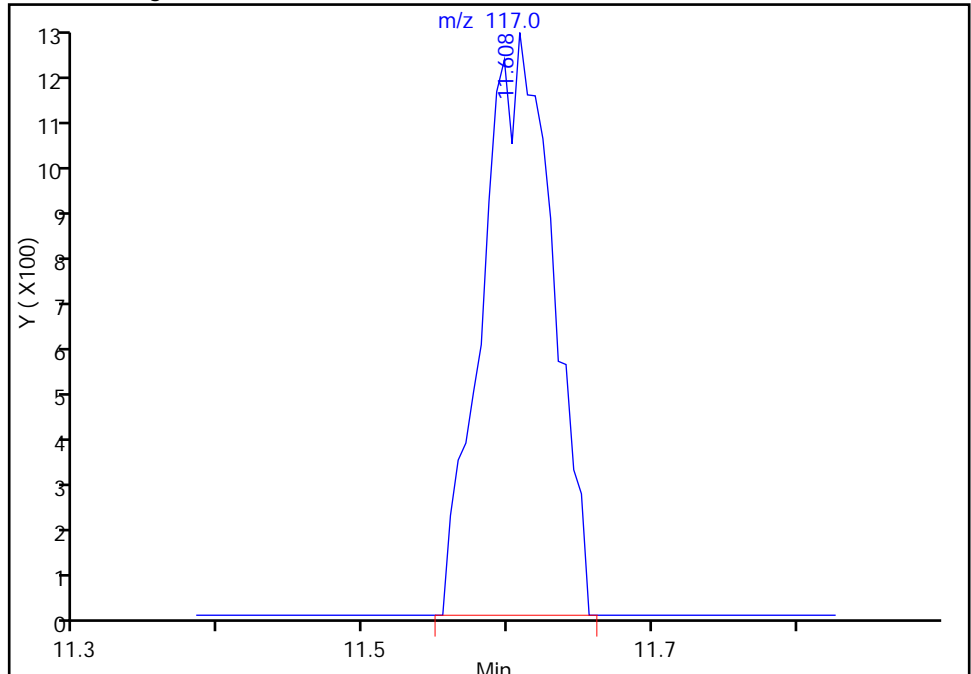
RT: 11.61
Response: 2593
Amount: 0.023828

Processing Integration Results



RT: 11.61
Response: 4267
Amount: 0.037416

Manual Integration Results



Reviewer: lyonsb, 14-Jan-2014 12:59:43
Audit Action: Manually Integrated
Audit Reason: Baseline Event

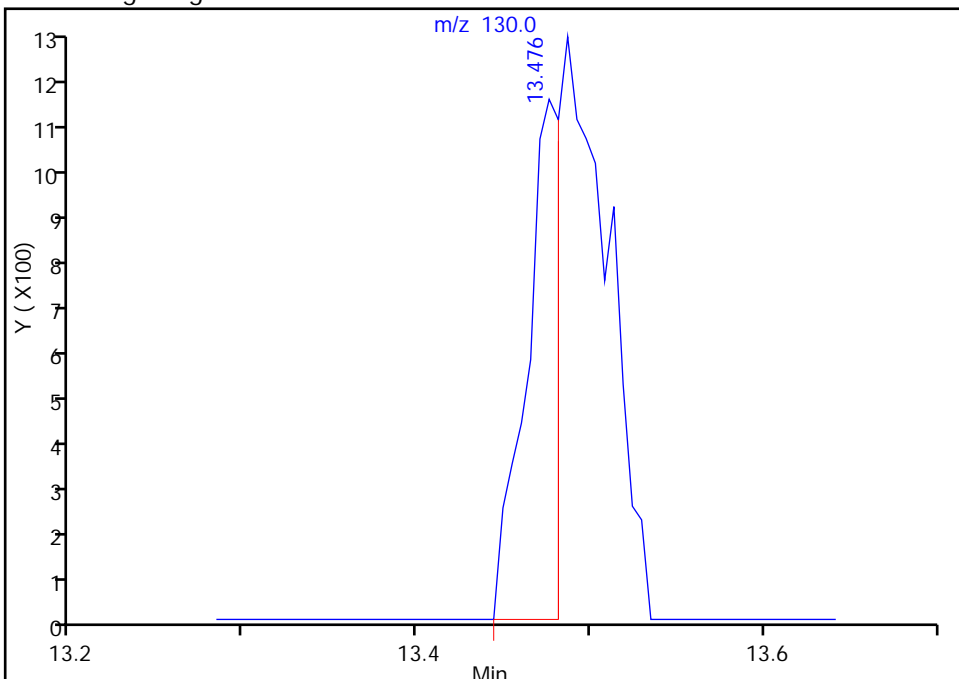
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma003.D
Injection Date: 03-Jan-2014 09:43:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID: VIBLK 200-66774/3-A
Client ID:
Operator ID: pad ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

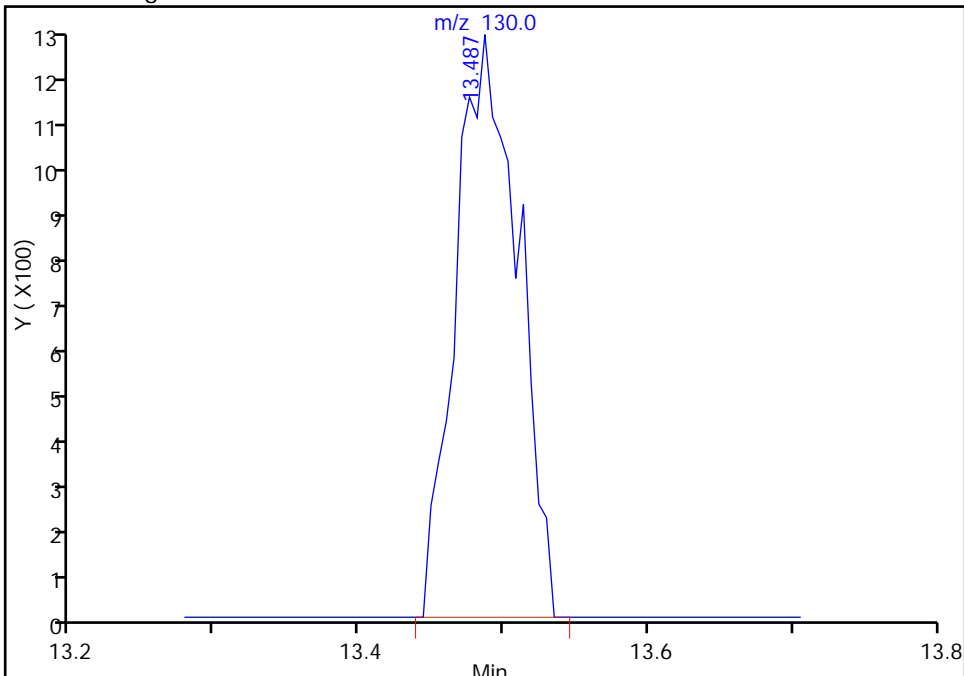
RT: 13.48
Response: 1559
Amount: 0.040944

Processing Integration Results



RT: 13.49
Response: 3816
Amount: 0.040944

Manual Integration Results



Reviewer: lyonsb, 14-Jan-2014 12:59:43
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D
 Lims ID: ic Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 03-Jan-2014 10:35:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-004
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2

Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:32 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: desjardinsb

Date: 15-Jan-2014 11:45:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.186	3.181	0.005	87	3432	0.4230	
2 Dichlorodifluoromethane	85	3.261	3.256	0.005	86	17694	0.2156	
6 Chlorodifluoromethane	51	3.325	3.320	0.005	48	5677	0.2248	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.555	3.549	0.006	81	17710	0.2054	
8 Chloromethane	50	3.709	3.704	0.005	69	4943	0.3804	
9 Butane	43	3.923	3.918	0.005	85	5051	0.2720	
10 Vinyl chloride	62	3.976	3.971	0.005	35	4392	0.2131	
11 Butadiene	54	4.062	4.056	0.006	60	2835	0.2159	
12 Bromomethane	94	4.804	4.798	0.006	85	6831	0.2125	
13 Chloroethane	64	5.060	5.060	0.0	50	2252	0.2227	
14 2-Methylbutane	43	5.129	5.134	-0.005	61	3388	0.2644	
15 Vinyl bromide	106	5.476	5.476	0.0	80	8057	0.2027	M
16 Trichlorofluoromethane	101	5.588	5.583	0.005	66	19976	0.2063	
17 Pentane	43	5.727	5.732	-0.005	81	5432	0.2505	
19 Ethanol	45	6.266	6.239	0.027	74	2843	0.6441	
21 Ethyl ether	59	6.319	6.303	0.016	54	3013	0.2033	
22 Acrolein	56	6.741	6.719	0.022	1	2893	0.4496	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.735	6.725	0.010	76	14226	0.1998	
24 1,1-Dichloroethene	96	6.773	6.773	0.0	54	6676	0.1974	
25 Acetone	43	7.077	7.056	0.021	88	27907	1.46	
26 Carbon disulfide	76	7.162	7.157	0.005	85	18072	0.2123	
27 Isopropyl alcohol	45	7.403	7.371	0.032	48	3548	0.2526	M
29 3-Chloro-1-propene	41	7.600	7.605	-0.005	31	2882	0.2082	
30 Acetonitrile	41	7.792	7.776	0.016	79	2687	0.2513	
31 Methylene Chloride	49	7.915	7.915	0.0	45	5231	0.3188	
32 2-Methyl-2-propanol	59	8.214	8.176	0.038	74	6945	0.1974	M
33 Methyl tert-butyl ether	73	8.363	8.331	0.032	63	15814	0.1964	
34 trans-1,2-Dichloroethene	61	8.358	8.358	0.0	39	6481	0.2042	
35 Acrylonitrile	53	8.561	8.555	0.006	71	2459	0.2031	
36 Hexane	57	8.753	8.758	-0.005	71	6841	0.2161	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	37	1,1-Dichloroethane	63	9.287	9.281	0.006	64	9456	0.2107	
	38	Vinyl acetate	43	9.377	9.377	0.0	95	6699	0.1962	
S	41	1,2-Dichloroethene, Total	61				0		0.4021	
	39	cis-1,2-Dichloroethene	96	10.450	10.445	0.005	60	9157	0.1979	
	40	2-Butanone (MEK)	72	10.546	10.530	0.016	83	7849	0.4363	
	42	Ethyl acetate	88		10.562					
*	43	Chlorobromomethane	128	10.936	10.936	0.0	65	487805	10.0	
	44	Tetrahydrofuran	42	10.989	10.952	0.037	65	4109	0.2362	
	45	Chloroform	83	11.074	11.080	-0.006	39	17262	0.2008	
	46	Cyclohexane	84	11.309	11.304	0.005	51	12523	0.2054	
	47	1,1,1-Trichloroethane	97	11.357	11.352	0.005	69	19053	0.1981	
	48	Carbon tetrachloride	117	11.608	11.608	0.0	89	19989	0.1889	
	51	Isooctane	57	12.067	12.067	0.0	94	34225	0.2144	
	50	Benzene	78	12.115	12.110	0.005	72	30171	0.2151	
	52	1,2-Dichloroethane	62	12.323	12.318	0.005	70	9772	0.1977	
	53	n-Heptane	43	12.483	12.478	0.005	65	10999	0.2412	M
*	54	1,4-Difluorobenzene	114	13.006	13.006	0.0	92	2700299	10.0	
	55	n-Butanol	56	13.476	13.449	0.027	37	6730	0.3441	
	56	Trichloroethene	95	13.481	13.487	-0.006	76	14274	0.1973	
A	57	GRO	1	13.505	5.124 - 21.886		0	3978309	0	
	58	1,2-Dichloropropane	63	14.090	14.090	0.0	79	10622	0.2045	
	59	Methyl methacrylate	69	14.277	14.271	0.006	58	9776	0.1791	
	60	1,4-Dioxane	88	14.373	14.335	0.038	48	5377	0.2229	
	61	Dibromomethane	174	14.351	14.351	0.0	88	12513	0.1744	
	62	Dichlorobromomethane	83	14.650	14.655	-0.005	87	20532	0.1880	
A	63	TVOC as Toluene	1	15.282	3.171 - 27.394		0	6987646	52.5	
	64	cis-1,3-Dichloropropene	75	15.621	15.616	0.005	62	16495	0.1868	
	65	4-Methyl-2-pentanone (MIBK)	43	15.942	15.926	0.016	77	14447	0.2108	
A	67	Toluene Range	1	16.214	16.174 - 16.254		0	172220	NC	
	66	Toluene	92	16.214	16.214	0.0	87	25455	0.2052	
A	69	C8 Range	1	16.251	16.201 - 16.301		0	172220	NC	
	68	n-Octane	43	16.251	16.251	0.0	77	18652	0.2399	
	70	trans-1,3-Dichloropropene	75	16.822	16.828	-0.006	73	19466	0.2082	
	71	1,1,2-Trichloroethane	83	17.212	17.212	0.0	87	10948	0.1939	
	72	Tetrachloroethene	166	17.287	17.297	-0.010	92	19177	0.1770	
	73	2-Hexanone	43	17.681	17.671	0.010	83	15837	0.2430	
	74	Chlorodibromomethane	129	17.970	17.975	-0.005	88	19986	0.1665	
	75	Ethylene Dibromide	107	18.253	18.252	0.001	87	20146	0.1832	
*	76	Chlorobenzene-d5	117	19.149	19.149	0.0	82	2518836	10.0	
	77	Chlorobenzene	112	19.208	19.208	0.0	41	33042	0.1884	
	78	Ethylbenzene	91	19.357	19.357	0.0	86	51427	0.1932	
	79	n-Nonane	57	19.459	19.459	0.0	80	22977	0.2256	
	81	m-Xylene & p-Xylene	106	19.608	19.608	0.0	100	40912	0.3689	
S	82	Xylenes, Total	106				0		0.5546	
	83	o-Xylene	106	20.414	20.414	0.0	83	20148	0.1857	
	84	Styrene	104	20.462	20.467	-0.005	88	27525	0.1648	
	85	Bromoform	173	20.862	20.862	0.0	97	19324	0.1528	
	86	Isopropylbenzene	105	21.044	21.049	-0.005	90	57135	0.1859	
\$	87	4-Bromofluorobenzene	95	21.401	21.401	0.0	96	1793801	NC	
	88	1,1,1,2,2-Tetrachloroethane	83	21.668	21.668	0.0	89	29067	0.1978	
	90	N-Propylbenzene	91	21.732	21.727	0.005	96	71307	0.1981	
	89	1,2,3-Trichloropropane	75	21.764	21.764	0.0	89	23582	0.2148	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.876	21.876	0.0	80	29101	0.2422
91	4-Ethyltoluene		105	21.908	21.908	0.0	92	60039	0.1920
92	2-Chlorotoluene		91	21.919	21.924	-0.005	85	48789	0.2020
94	1,3,5-Trimethylbenzene		105	22.004	22.010	-0.006	90	48434	0.1859
95	Alpha Methyl Styrene		118	22.362	22.362	0.0	85	22259	0.1623
96	tert-Butylbenzene		119	22.479	22.479	0.0	90	45870	0.1786
97	1,2,4-Trimethylbenzene		105	22.570	22.570	0.0	92	47819	0.1843
98	sec-Butylbenzene		105	22.789	22.794	-0.005	96	71199	0.1890
99	4-Isopropyltoluene		119	22.992	22.992	0.0	82	59633	0.1805
100	1,3-Dichlorobenzene		146	23.024	23.029	-0.005	95	34909	0.1813
101	1,4-Dichlorobenzene		146	23.162	23.168	-0.006	94	34850	0.1809
102	Benzyl chloride		91	23.376	23.376	0.0	95	42350	0.1857
103	n-Butylbenzene		91	23.579	23.579	0.0	96	55538	0.2075
104	Undecane		57	23.584	23.584	0.0	87	33459	0.2980
105	1,2-Dichlorobenzene		146	23.723	23.723	0.0	94	33715	0.1857
106	Dodecane		57	25.244	25.244	0.0	89	29626	0.2801
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	81	25530	0.1993
108	Hexachlorobutadiene		225	26.541	26.541	0.0	85	22022	0.1809
109	Naphthalene		128	26.882	26.882	0.0	95	50496	0.2272
110	1,2,3-Trichlorobenzene		180	27.389	27.384	0.005	83	23415	0.2202

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D

Injection Date: 03-Jan-2014 10:35:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

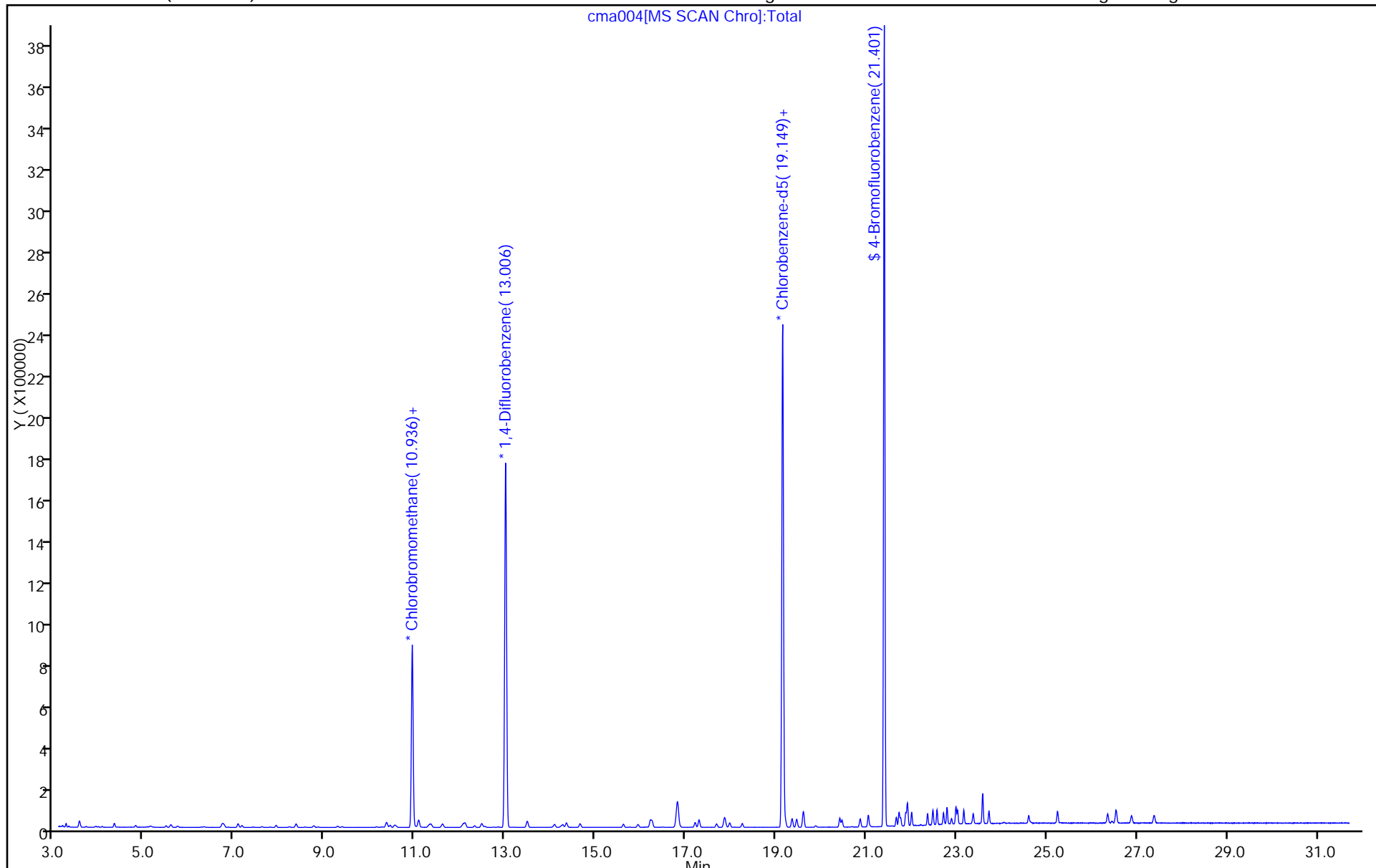
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D
Injection Date: 03-Jan-2014 10:35:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

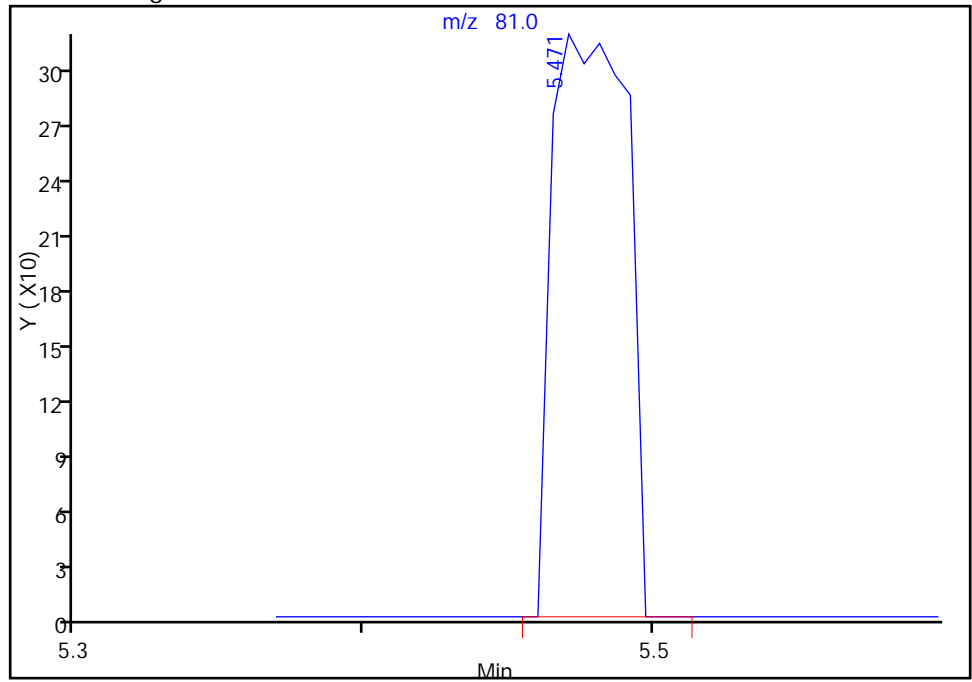
15 Vinyl bromide, CAS: 593-60-2

Processing Integration Results

RT: 5.48
Response: 0
Amount: 0.202741

RT: 5.47
Response: 567
Amount: 0.202741

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:15:20
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D
Injection Date: 03-Jan-2014 10:35:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

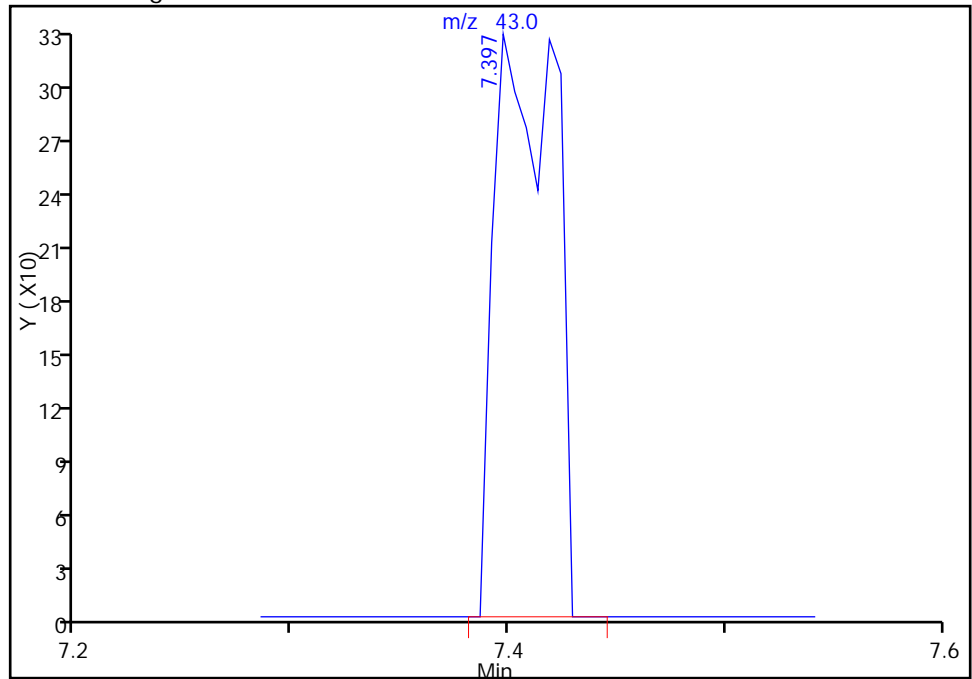
27 Isopropyl alcohol, CAS: 67-63-0

Processing Integration Results

RT: 7.37
Response: 0
Amount: 0.252601

RT: 7.40
Response: 626
Amount: 0.252601

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:15:20
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D
Injection Date: 03-Jan-2014 10:35:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

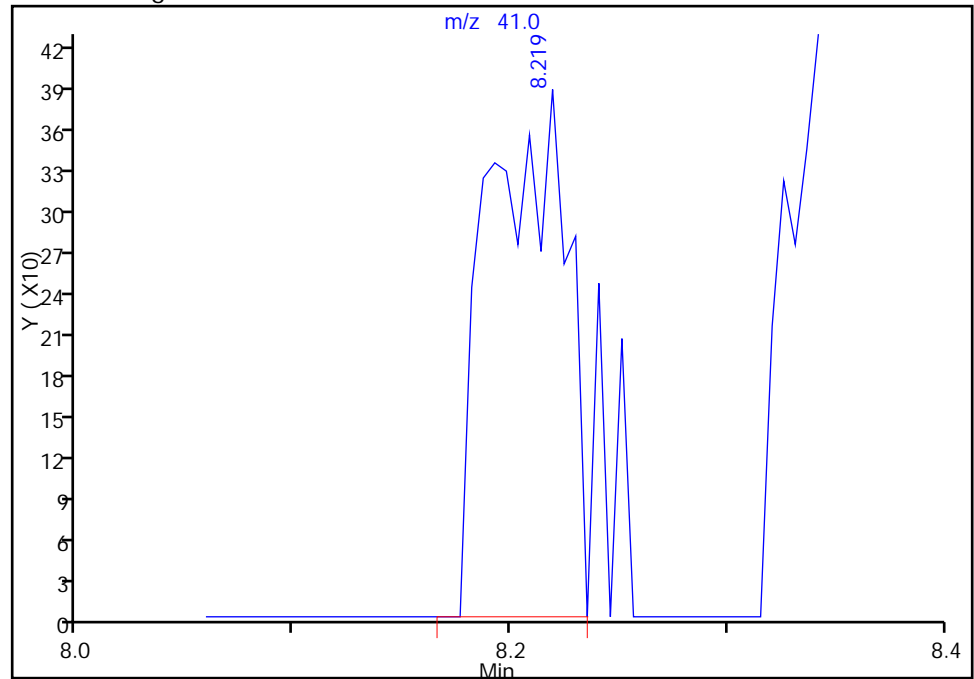
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Integration Results

RT: 8.18
Response: 0
Amount: 0.197447

RT: 8.22
Response: 960
Amount: 0.197447

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:15:20
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D
Injection Date: 03-Jan-2014 10:35:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

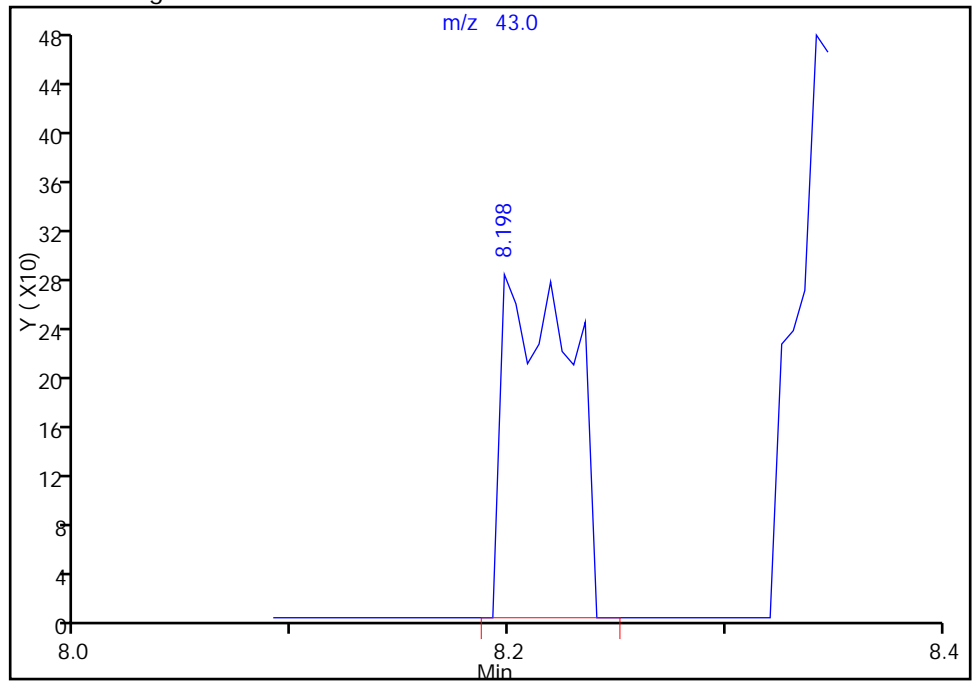
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Integration Results

RT: 8.18
Response: 0
Amount: 0.197447

RT: 8.20
Response: 612
Amount: 0.197447

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:15:20
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

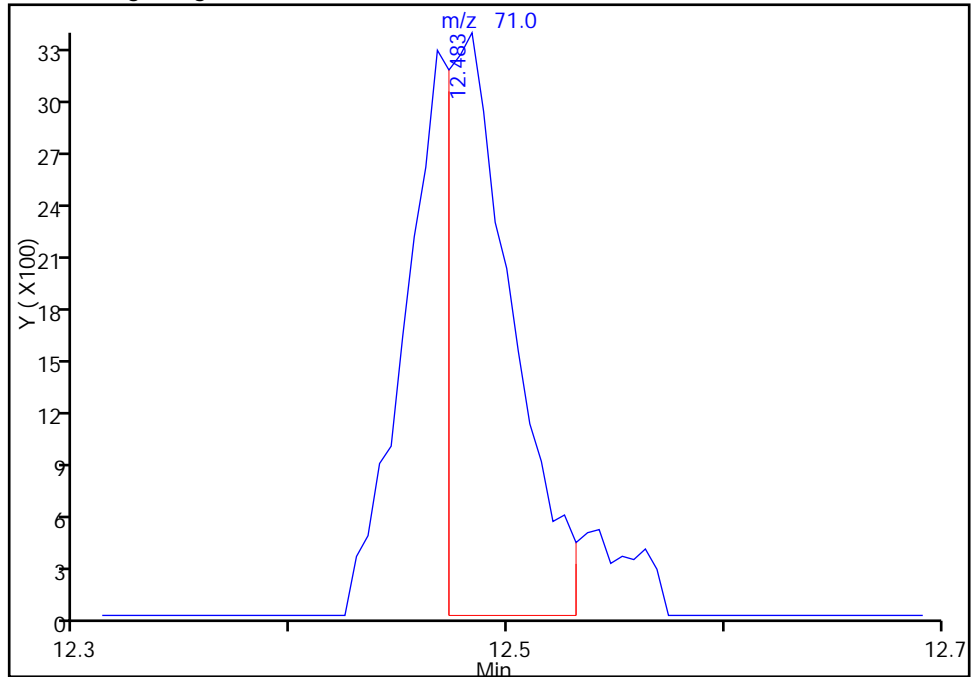
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma004.D
Injection Date: 03-Jan-2014 10:35:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

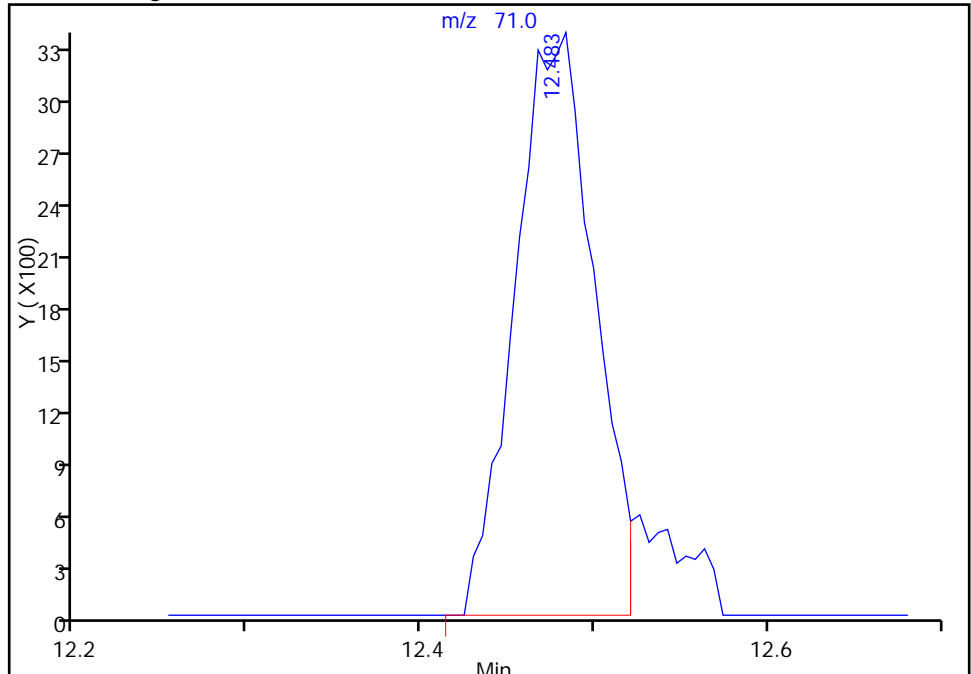
RT: 12.48
Response: 7035
Amount: 0.241244

Processing Integration Results



RT: 12.48
Response: 10652
Amount: 0.241244

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:15:20
Audit Action: Split an Integrated Peak
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma005.D
 Lims ID: ic Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 03-Jan-2014 11:28:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-005
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:34 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: desjardinsb

Date: 15-Jan-2014 11:43:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.181	3.181	0.0	93	5571	0.6988	
2 Dichlorodifluoromethane	85	3.256	3.256	0.0	97	45377	0.5626	
6 Chlorodifluoromethane	51	3.315	3.320	-0.006	75	14821	0.5974	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.549	3.549	0.0	86	48257	0.5696	
8 Chloromethane	50	3.704	3.704	0.0	76	8190	0.6414	
9 Butane	43	3.918	3.918	0.0	88	12186	0.6679	
10 Vinyl chloride	62	3.976	3.971	0.005	53	11803	0.5829	
11 Butadiene	54	4.056	4.056	0.0	78	7147	0.5539	
12 Bromomethane	94	4.798	4.798	0.0	94	17513	0.5543	
13 Chloroethane	64	5.060	5.060	0.0	62	5829	0.5866	
14 2-Methylbutane	43	5.134	5.134	0.0	79	7633	0.6063	
15 Vinyl bromide	106	5.476	5.476	0.0	96	21104	0.5404	
16 Trichlorofluoromethane	101	5.583	5.583	0.0	88	51644	0.5428	
17 Pentane	43	5.727	5.732	-0.005	89	13327	0.6253	
19 Ethanol	45	6.244	6.239	0.005	97	24739	5.70	
21 Ethyl ether	59	6.309	6.303	0.006	67	8149	0.5596	
22 Acrolein	56	6.725	6.719	0.006	1	4485	0.7093	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.725	6.725	0.0	86	38486	0.5501	
24 1,1-Dichloroethene	96	6.767	6.773	-0.006	65	18135	0.5457	
25 Acetone	43	7.061	7.056	0.005	92	70672	3.77	
26 Carbon disulfide	76	7.157	7.157	0.0	85	49498	0.5918	
27 Isopropyl alcohol	45	7.392	7.371	0.021	82	7940	0.5753	M
29 3-Chloro-1-propene	41	7.605	7.605	0.0	61	7954	0.5847	
30 Acetonitrile	41	7.776	7.776	0.0	94	4408	0.4195	
31 Methylene Chloride	49	7.915	7.915	0.0	57	11288	0.7000	
32 2-Methyl-2-propanol	59	8.198	8.176	0.022	86	18102	0.5237	M
33 Methyl tert-butyl ether	73	8.342	8.331	0.011	89	43452	0.5492	
34 trans-1,2-Dichloroethene	61	8.358	8.358	0.0	58	17829	0.5718	
35 Acrylonitrile	53	8.555	8.555	0.0	79	6503	0.5466	
36 Hexane	57	8.758	8.758	0.0	75	18551	0.5964	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	9.276	9.281	-0.005	78	24506	0.5558
	38	Vinyl acetate	43	9.383	9.377	0.006	96	18735	0.5585
S	41	1,2-Dichloroethene, Total	61				0		1.11
	39	cis-1,2-Dichloroethene	96	10.445	10.445	0.0	72	24378	0.5361
	40	2-Butanone (MEK)	72	10.535	10.530	0.005	96	11432	0.6466
	42	Ethyl acetate	88	10.567	10.562	0.005	94	1652	0.4416
*	43	Chlorobromomethane	128	10.930	10.936	-0.006	66	479327	10.0
	44	Tetrahydrofuran	42	10.978	10.952	0.026	68	10820	0.6346
	45	Chloroform	83	11.080	11.080	0.0	60	45374	0.5371
	46	Cyclohexane	84	11.304	11.304	0.0	71	32227	0.5394
	47	1,1,1-Trichloroethane	97	11.352	11.352	0.0	84	50442	0.5353
	48	Carbon tetrachloride	117	11.603	11.608	-0.005	95	54412	0.5247
	51	Isooctane	57	12.062	12.067	-0.005	97	91084	0.5822
	50	Benzene	78	12.110	12.110	0.0	90	75512	0.5494
	52	1,2-Dichloroethane	62	12.318	12.318	0.0	79	27010	0.5576
	53	n-Heptane	43	12.473	12.478	-0.005	74	27101	0.6066
*	54	1,4-Difluorobenzene	114	13.006	13.006	0.0	92	2646229	10.0
	55	n-Butanol	56	13.460	13.449	0.011	70	12821	0.6690
	56	Trichloroethene	95	13.487	13.487	0.0	94	37062	0.5228
A	57	GRO	1	13.505	5.124 - 21.886		0	8645115	0
	58	1,2-Dichloropropane	63	14.084	14.090	-0.006	88	28037	0.5509
	59	Methyl methacrylate	69	14.271	14.271	0.0	72	26422	0.4939
	60	1,4-Dioxane	88	14.357	14.335	0.022	35	11877	0.5023
	61	Dibromomethane	174	14.351	14.351	0.0	94	32333	0.4597
	62	Dichlorobromomethane	83	14.655	14.655	0.0	95	54274	0.5071
A	63	TVOC as Toluene	1	15.282	3.171 - 27.394		0	14901923	114.3
	64	cis-1,3-Dichloropropene	75	15.616	15.616	0.0	84	44401	0.5131
	65	4-Methyl-2-pentanone (MIBK)	43	15.931	15.926	0.005	83	38613	0.5748
A	67	Toluene Range	1	16.214	16.174 - 16.254		0	474910	NC
	66	Toluene	92	16.208	16.214	-0.006	91	62424	0.5135
A	69	C8 Range	1	16.251	16.201 - 16.301		0	474910	NC
	68	n-Octane	43	16.251	16.251	0.0	80	47800	0.6273
	70	trans-1,3-Dichloropropene	75	16.828	16.828	0.0	89	46779	0.5105
	71	1,1,2-Trichloroethane	83	17.201	17.212	-0.011	94	29041	0.5251
	72	Tetrachloroethene	166	17.292	17.297	-0.005	95	50675	0.4773
	73	2-Hexanone	43	17.676	17.671	0.005	86	37430	0.5861
	74	Chlorodibromomethane	129	17.975	17.975	0.0	94	53484	0.4547
	75	Ethylene Dibromide	107	18.253	18.252	0.0	97	51874	0.4815
*	76	Chlorobenzene-d5	117	19.144	19.149	-0.005	82	2467731	10.0
	77	Chlorobenzene	112	19.202	19.208	-0.006	85	84317	0.4907
	78	Ethylbenzene	91	19.352	19.357	-0.005	96	134729	0.5166
	79	n-Nonane	57	19.459	19.459	0.0	82	59655	0.5978
	81	m-Xylene & p-Xylene	106	19.608	19.608	0.0	100	109426	1.01
S	82	Xylenes, Total	106				0		1.50
	83	o-Xylene	106	20.414	20.414	0.0	78	52875	0.4975
	84	Styrene	104	20.462	20.467	-0.005	96	74216	0.4535
	85	Bromoform	173	20.862	20.862	0.0	97	51533	0.4159
	86	Isopropylbenzene	105	21.049	21.049	0.0	93	148819	0.4941
\$	87	4-Bromofluorobenzene	95	21.396	21.401	-0.005	94	1775481	NC
	88	1,1,2,2-Tetrachloroethane	83	21.668	21.668	0.0	95	76052	0.5283
	90	N-Propylbenzene	91	21.727	21.727	0.0	98	182650	0.5180
	89	1,2,3-Trichloropropane	75	21.764	21.764	0.0	88	60287	0.5606

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.876	21.876	0.0	80	76865	0.6529
91	4-Ethyltoluene		105	21.908	21.908	0.0	93	155619	0.5079
92	2-Chlorotoluene		91	21.919	21.924	-0.005	89	125060	0.5284
94	1,3,5-Trimethylbenzene		105	22.004	22.010	-0.006	92	126376	0.4952
95	Alpha Methyl Styrene		118	22.362	22.362	0.0	89	57416	0.4273
96	tert-Butylbenzene		119	22.479	22.479	0.0	91	123503	0.4909
97	1,2,4-Trimethylbenzene		105	22.570	22.570	0.0	96	123258	0.4850
98	sec-Butylbenzene		105	22.794	22.794	0.0	98	183683	0.4977
99	4-Isopropyltoluene		119	22.986	22.992	-0.006	88	153445	0.4741
100	1,3-Dichlorobenzene		146	23.024	23.029	-0.005	95	82226	0.4359
101	1,4-Dichlorobenzene		146	23.162	23.168	-0.006	95	82626	0.4379
102	Benzyl chloride		91	23.371	23.376	-0.005	99	104986	0.4700
103	n-Butylbenzene		91	23.579	23.579	0.0	96	137191	0.5232
104	Undecane		57	23.584	23.584	0.0	91	79422	0.7220
105	1,2-Dichlorobenzene		146	23.717	23.723	-0.006	97	79120	0.4447
106	Dodecane		57	25.244	25.244	0.0	92	45784	0.4419
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	84	33442	0.2664
108	Hexachlorobutadiene		225	26.541	26.541	0.0	92	53181	0.4459
109	Naphthalene		128	26.882	26.882	0.0	95	40941	0.1880
110	1,2,3-Trichlorobenzene		180	27.384	27.384	0.0	86	27258	0.2617

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma005.D

Injection Date: 03-Jan-2014 11:28:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID:

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

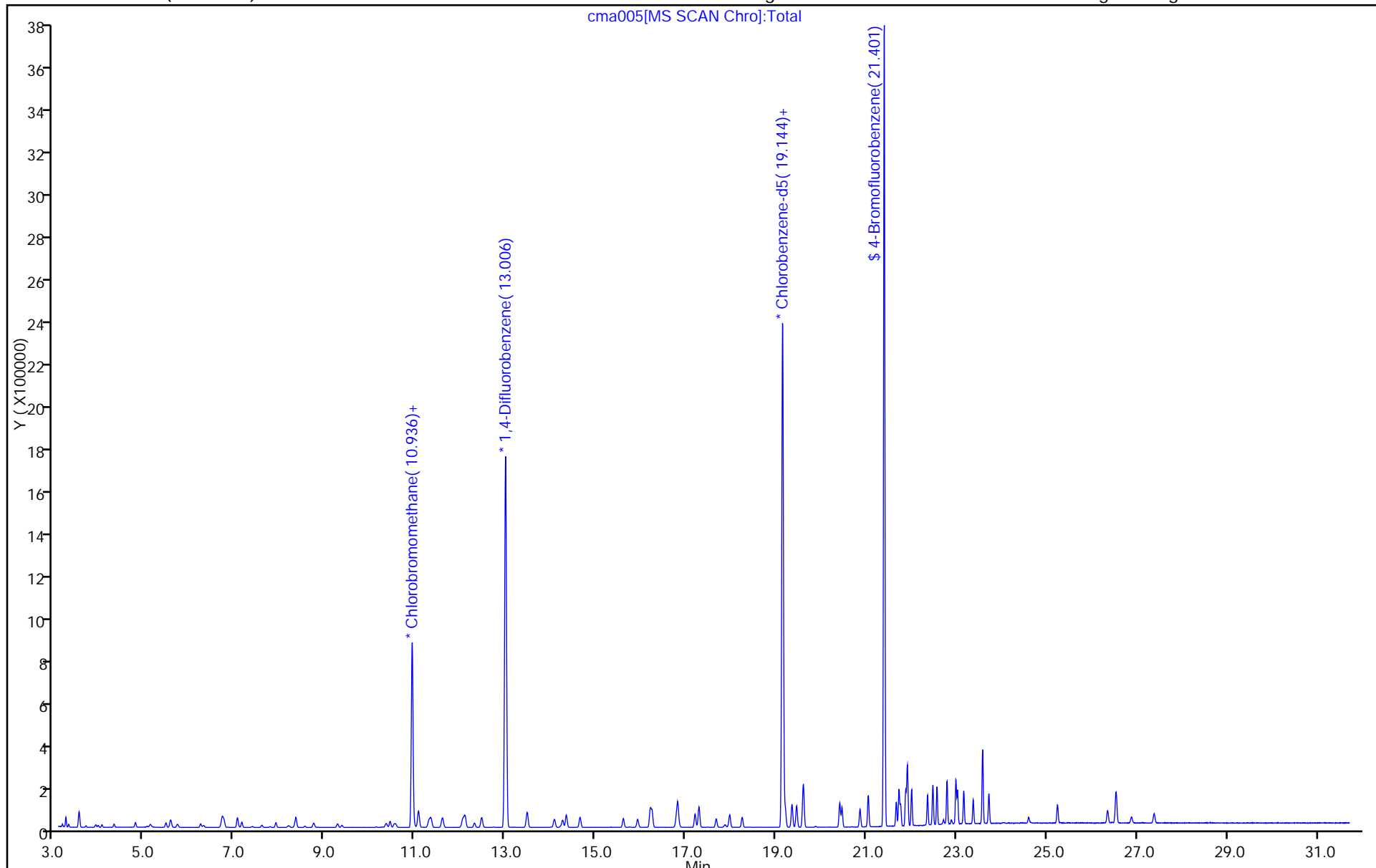
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma005.D
Injection Date: 03-Jan-2014 11:28:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

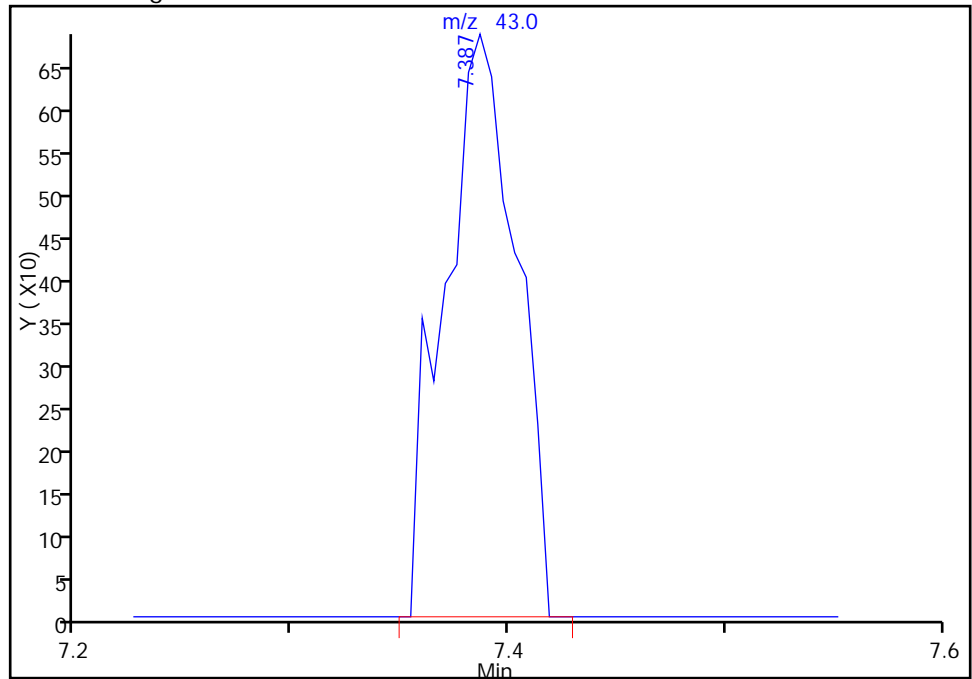
27 Isopropyl alcohol, CAS: 67-63-0

Processing Integration Results

RT: 7.37
Response: 0
Amount: 0.575288

RT: 7.39
Response: 1581
Amount: 0.575288

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:16:19
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

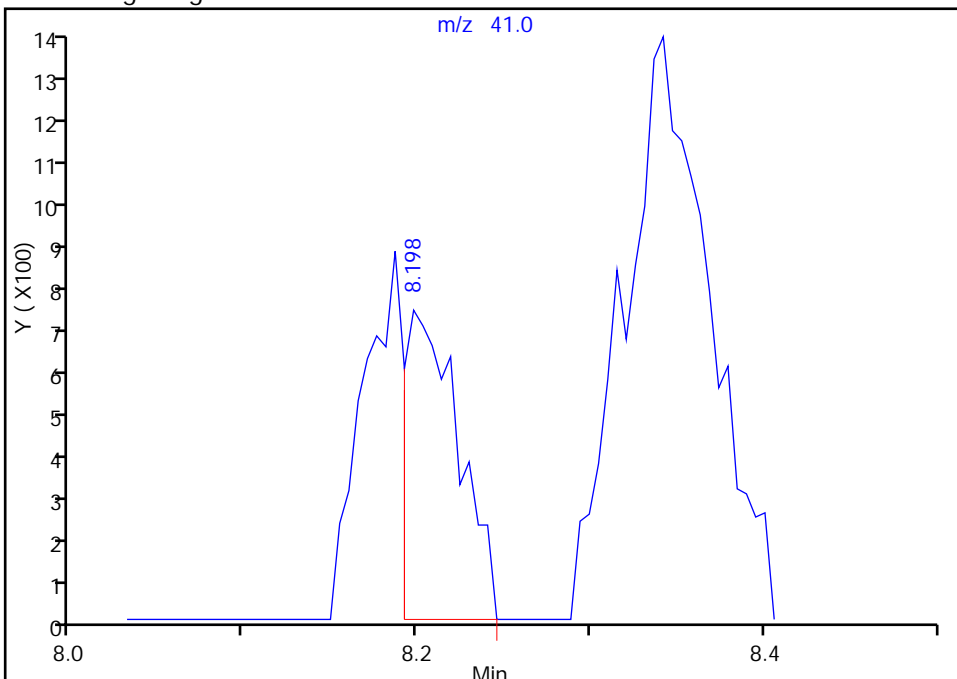
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma005.D
Injection Date: 03-Jan-2014 11:28:30 Instrument ID: CHC.i
Lims ID: ic Lab Sample ID:
Client ID:
Operator ID: pad ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

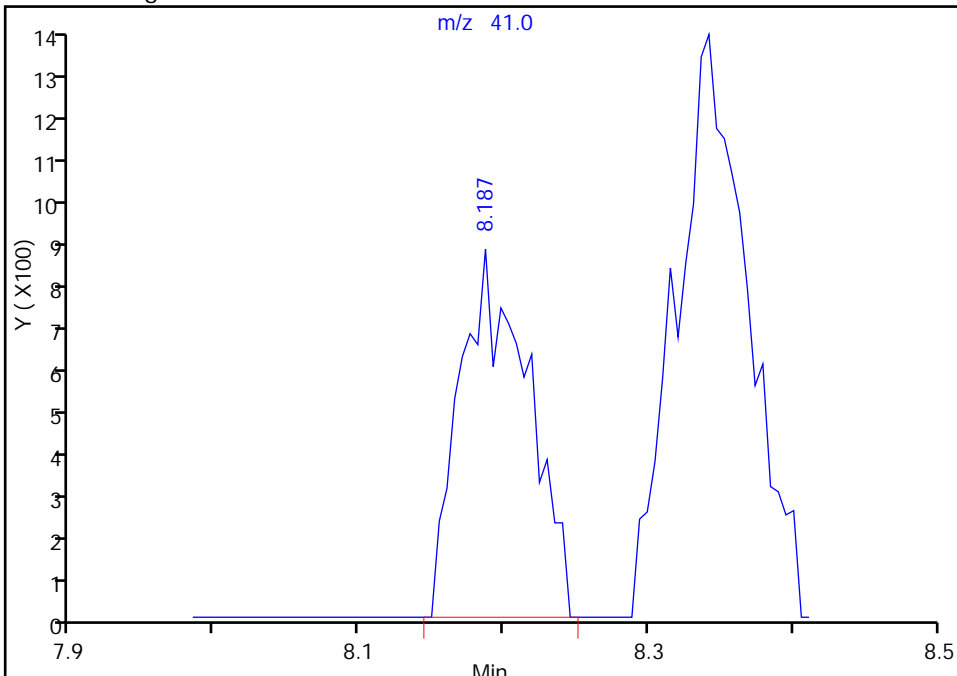
RT: 8.20
Response: 1605
Amount: 0.523745

Processing Integration Results



RT: 8.19
Response: 2843
Amount: 0.523745

Manual Integration Results



Reviewer: lyonsb, 21-Jan-2014 12:16:19
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma006.D
 Lims ID: ic Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 03-Jan-2014 12:20:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-006
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:35 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: desjardinsb

Date: 15-Jan-2014 11:40:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.186	3.181	0.005	97	42935	5.28	
2 Dichlorodifluoromethane	85	3.266	3.256	0.010	98	440533	5.35	
6 Chlorodifluoromethane	51	3.325	3.320	0.005	95	139066	5.49	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.555	3.549	0.006	89	464216	5.37	
8 Chloromethane	50	3.709	3.704	0.005	98	70501	5.41	
9 Butane	43	3.928	3.918	0.010	96	98918	5.31	
10 Vinyl chloride	62	3.982	3.971	0.011	97	114705	5.55	
11 Butadiene	54	4.062	4.056	0.006	86	71198	5.41	
12 Bromomethane	94	4.809	4.798	0.011	96	167437	5.19	
13 Chloroethane	64	5.065	5.060	0.005	96	54348	5.36	
14 2-Methylbutane	43	5.140	5.134	0.006	83	65852	5.13	
15 Vinyl bromide	106	5.481	5.476	0.005	98	206549	5.18	
16 Trichlorofluoromethane	101	5.588	5.583	0.005	96	505743	5.21	
17 Pentane	43	5.737	5.732	0.005	93	119316	5.49	
19 Ethanol	45	6.250	6.239	0.011	98	45774	10.3	
21 Ethyl ether	59	6.308	6.303	0.005	78	81581	5.49	
22 Acrolein	56	6.725	6.719	0.006	36	37975	5.89	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.730	6.725	0.005	91	378769	5.31	
24 1,1-Dichloroethene	96	6.773	6.773	0.0	83	180155	5.31	
25 Acetone	43	7.066	7.056	0.010	93	111024	5.81	
26 Carbon disulfide	76	7.162	7.157	0.005	97	455113	5.33	
27 Isopropyl alcohol	45	7.381	7.371	0.010	98	83134	5.90	
29 3-Chloro-1-propene	41	7.611	7.605	0.006	75	76006	5.48	
30 Acetonitrile	41	7.781	7.776	0.005	98	43003	4.01	
31 Methylene Chloride	49	7.920	7.915	0.005	68	89173	5.42	
32 2-Methyl-2-propanol	59	8.182	8.176	0.006	97	200334	5.68	
33 Methyl tert-butyl ether	73	8.342	8.331	0.011	93	433281	5.37	
34 trans-1,2-Dichloroethene	61	8.363	8.358	0.005	78	173528	5.45	
35 Acrylonitrile	53	8.561	8.555	0.006	95	67000	5.52	
36 Hexane	57	8.758	8.758	0.0	80	169121	5.33	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags					
	37			1,1-Dichloroethane	63	9.286	9.281	0.005	98	244466	5.43	
	38			Vinyl acetate	43	9.383	9.377	0.006	97	195275	5.70	
S	41			1,2-Dichloroethene, Total	61				0		10.6	
	39			cis-1,2-Dichloroethene	96	10.450	10.445	0.005	82	237194	5.11	
	40			2-Butanone (MEK)	72	10.530	10.530	0.0	95	92669	5.14	
	42			Ethyl acetate	88	10.573	10.562	0.011	98	19335	5.07	
*	43			Chlorobromomethane	128	10.941	10.936	0.005	64	489090	10.0	
	44			Tetrahydrofuran	42	10.962	10.952	0.010	71	105798	6.10	
	45			Chloroform	83	11.080	11.080	0.0	98	448827	5.21	
	46			Cyclohexane	84	11.314	11.304	0.010	74	320896	5.28	
	47			1,1,1-Trichloroethane	97	11.357	11.352	0.005	92	503779	5.25	
	48			Carbon tetrachloride	117	11.608	11.608	0.0	96	551593	5.23	
	51			Isooctane	57	12.067	12.067	0.0	98	889099	5.58	
	50			Benzene	78	12.115	12.110	0.005	92	733560	5.24	
	52			1,2-Dichloroethane	62	12.323	12.318	0.005	92	266586	5.41	
	53			n-Heptane	43	12.478	12.478	0.0	76	256172	5.63	
*	54			1,4-Difluorobenzene	114	13.012	13.006	0.006	92	2693608	10.0	
	55			n-Butanol	56	13.460	13.449	0.011	78	114306	5.86	
	56			Trichloroethene	95	13.487	13.487	0.0	97	358675	4.97	
A	57			GRO	1	13.505	5.124 - 21.886		0	82349911	0	
	58			1,2-Dichloropropane	63	14.090	14.090	0.0	94	275105	5.31	
	59			Methyl methacrylate	69	14.271	14.271	0.0	78	283187	5.20	
	60			1,4-Dioxane	88	14.341	14.335	0.006	73	131628	5.47	
	61			Dibromomethane	174	14.357	14.351	0.006	95	334700	4.68	
	62			Dichlorobromomethane	83	14.661	14.655	0.006	98	565458	5.19	
A	63			TVOC as Toluene	1	15.282	3.171 - 27.394		0	153395457	1156.1	
	64			cis-1,3-Dichloropropene	75	15.621	15.616	0.005	81	455388	5.17	
	65			4-Methyl-2-pentanone (MIBK)	43	15.931	15.926	0.005	89	394075	5.76	
A	67			Toluene Range	1	16.214	16.174 - 16.254		0	4366041	NC	
	66			Toluene	92	16.214	16.214	0.0	93	628054	4.98	
A	69			C8 Range	1	16.251	16.201 - 16.301		0	4366041	NC	
	68			n-Octane	43	16.251	16.251	0.0	80	449048	5.79	
	70			trans-1,3-Dichloropropene	75	16.828	16.828	0.0	91	477111	5.12	
	71			1,1,2-Trichloroethane	83	17.206	17.212	-0.006	94	295352	5.15	
	72			Tetrachloroethene	166	17.297	17.297	0.0	96	527159	4.79	
	73			2-Hexanone	43	17.676	17.671	0.005	87	385316	5.82	
	74			Chlorodibromomethane	129	17.975	17.975	0.0	95	606906	4.97	
	75			Ethylene Dibromide	107	18.252	18.252	0.0	98	559382	5.00	
*	76			Chlorobenzene-d5	117	19.149	19.149	0.0	82	2560261	10.0	
	77			Chlorobenzene	112	19.208	19.208	0.0	95	872800	4.90	
	78			Ethylbenzene	91	19.357	19.357	0.0	97	1371777	5.07	
	79			n-Nonane	57	19.459	19.459	0.0	82	572999	5.53	
	81			m-Xylene & p-Xylene	106	19.608	19.608	0.0	100	1138257	10.1	
S	82			Xylenes, Total	106				0		15.1	
	83			o-Xylene	106	20.414	20.414	0.0	93	550762	4.99	
	84			Styrene	104	20.467	20.467	0.0	97	863740	5.09	
	85			Bromoform	173	20.862	20.862	0.0	98	637087	4.96	
	86			Isopropylbenzene	105	21.049	21.049	0.0	94	1584424	5.07	
\$	87			4-Bromofluorobenzene	95	21.401	21.401	0.0	95	1862428	NC	
	88			1,1,2,2-Tetrachloroethane	83	21.668	21.668	0.0	97	799069	5.35	
	90			N-Propylbenzene	91	21.727	21.727	0.0	99	1919597	5.25	
	89			1,2,3-Trichloropropane	75	21.764	21.764	0.0	91	606575	5.44	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.876	21.876	0.0	77	740523	6.06
91	4-Ethyltoluene		105	21.908	21.908	0.0	94	1689816	5.32
92	2-Chlorotoluene		91	21.919	21.924	-0.005	95	1334057	5.43
94	1,3,5-Trimethylbenzene		105	22.010	22.010	0.0	93	1366762	5.16
95	Alpha Methyl Styrene		118	22.362	22.362	0.0	90	715477	5.13
96	tert-Butylbenzene		119	22.479	22.479	0.0	91	1327113	5.08
97	1,2,4-Trimethylbenzene		105	22.570	22.570	0.0	96	1377412	5.22
98	sec-Butylbenzene		105	22.794	22.794	0.0	99	1996965	5.22
99	4-Isopropyltoluene		119	22.992	22.992	0.0	93	1731528	5.16
100	1,3-Dichlorobenzene		146	23.029	23.029	0.0	97	996013	5.09
101	1,4-Dichlorobenzene		146	23.162	23.168	-0.006	95	978415	5.00
102	Benzyl chloride		91	23.376	23.376	0.0	99	1232207	5.32
103	n-Butylbenzene		91	23.579	23.579	0.0	98	1540692	5.66
104	Undecane		57	23.584	23.584	0.0	88	824877	7.23
105	1,2-Dichlorobenzene		146	23.723	23.723	0.0	97	925329	5.01
106	Dodecane		57	25.244	25.244	0.0	90	774295	7.20
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	90	666882	5.12
108	Hexachlorobutadiene		225	26.541	26.541	0.0	95	667222	5.39
109	Naphthalene		128	26.882	26.882	0.0	99	1036507	4.59
110	1,2,3-Trichlorobenzene		180	27.384	27.384	0.0	95	578055	5.35

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma006.D

Injection Date: 03-Jan-2014 12:20:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID:

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

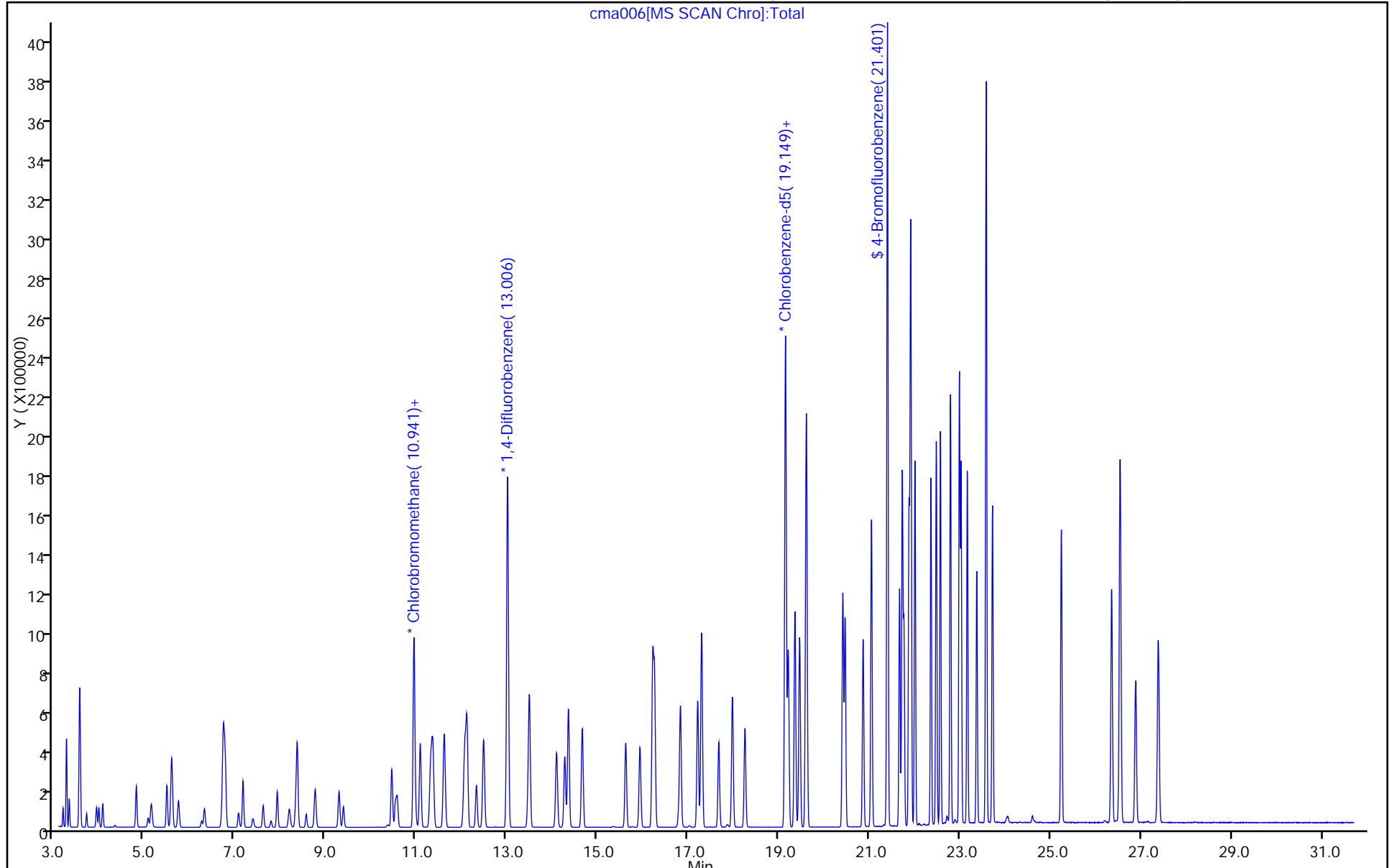
ALS Bottle#: 5

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma007.D
 Lims ID: icis Lab Sample ID: Client 200-66774/7-A
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 03-Jan-2014 13:12:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-007
 Misc. Info.: icis
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:21:49 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.181	3.181	0.0	99	84638	9.71	
2 Dichlorodifluoromethane	85	3.256	3.256	0.0	98	898118	10.2	
6 Chlorodifluoromethane	51	3.320	3.320	0.0	74	273415	10.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.549	3.549	0.0	85	944889	10.2	
8 Chloromethane	50	3.704	3.704	0.0	99	139299	9.98	
9 Butane	43	3.918	3.918	0.0	96	192043	9.63	
10 Vinyl chloride	62	3.971	3.971	0.0	88	228021	10.3	
11 Butadiene	54	4.056	4.056	0.0	85	142721	10.1	
12 Bromomethane	94	4.798	4.798	0.0	99	347831	10.1	
13 Chloroethane	64	5.060	5.060	0.0	94	109569	10.1	
14 2-Methylbutane	43	5.134	5.134	0.0	82	127794	9.28	
15 Vinyl bromide	106	5.476	5.476	0.0	96	431306	10.1	
16 Trichlorofluoromethane	101	5.583	5.583	0.0	97	1048712	10.1	
17 Pentane	43	5.732	5.732	0.0	92	228804	9.82	
19 Ethanol	45	6.239	6.239	0.0	95	74658	15.7	
21 Ethyl ether	59	6.303	6.303	0.0	74	161365	10.1	
22 Acrolein	56	6.719	6.719	0.0	36	74508	10.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.725	6.725	0.0	90	777486	10.2	
24 1,1-Dichloroethene	96	6.773	6.773	0.0	72	373073	10.3	
25 Acetone	43	7.056	7.056	0.0	88	237601	11.6	
26 Carbon disulfide	76	7.157	7.157	0.0	97	912494	9.98	
27 Isopropyl alcohol	45	7.371	7.371	0.0	98	156436	10.4	
29 3-Chloro-1-propene	41	7.605	7.605	0.0	71	148213	9.96	
30 Acetonitrile	41	7.776	7.776	0.0	71	80607	7.02	M
31 Methylene Chloride	49	7.915	7.915	0.0	63	167207	9.48	
32 2-Methyl-2-propanol	59	8.176	8.176	0.0	90	390095	10.3	
33 Methyl tert-butyl ether	73	8.331	8.331	0.0	92	884266	10.2	
34 trans-1,2-Dichloroethene	61	8.358	8.358	0.0	77	346536	10.2	
35 Acrylonitrile	53	8.555	8.555	0.0	96	132521	10.2	
36 Hexane	57	8.758	8.758	0.0	79	333354	9.80	
37 1,1-Dichloroethane	63	9.281	9.281	0.0	98	490369	10.2	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.377	9.377	0.0	97	361815	9.86
S	41						0		20.3
	39			10.445	10.445	0.0	85	503475	10.1
	40			10.530	10.530	0.0	92	191902	9.93
	42			10.562	10.562	0.0	95	42054	10.3
*	43			10.936	10.936	0.0	63	524149	10.0
	44			10.952	10.952	0.0	67	201675	10.6
	45			11.080	11.080	0.0	98	934006	10.1
	46			11.304	11.304	0.0	71	674009	10.2
	47			11.352	11.352	0.0	93	1068292	10.2
	48			11.608	11.608	0.0	96	1194161	10.4
	51			12.067	12.067	0.0	97	1772110	10.2
	50			12.110	12.110	0.0	92	1541036	10.1
	52			12.318	12.318	0.0	98	549003	10.2
	53			12.478	12.478	0.0	73	489714	9.87
*	54			13.006	13.006	0.0	91	2939250	10.0
	55			13.449	13.449	0.0	76	217103	10.2
	56			13.487	13.487	0.0	95	789784	10.0
A	57			13.505	5.124 - 21.886		0	178254609	0
	58			14.090	14.090	0.0	93	578531	10.2
	59			14.271	14.271	0.0	74	614278	10.3
	60			14.335	14.335	0.0	44	277018	10.5
	61			14.351	14.351	0.0	94	786588	10.1
	62			14.655	14.655	0.0	98	1228678	10.3
A	63			15.282	3.171 - 27.394		0	324664701	2242.4
	64			15.616	15.616	0.0	85	992342	10.3
	65			15.926	15.926	0.0	86	781397	10.5
	66			16.214	16.214	0.0	91	1407345	10.1
A	67			16.214	16.174 - 16.254		0	9245211	NC
	68			16.251	16.251	0.0	76	853405	10.1
A	69			16.251	16.201 - 16.301		0	9245211	NC
	70			16.828	16.828	0.0	90	1041881	10.2
	71			17.212	17.212	0.0	92	649014	10.3
	72			17.297	17.297	0.0	89	1245014	10.3
	73			17.671	17.671	0.0	85	763872	10.5
	74			17.975	17.975	0.0	95	1402463	10.4
	75			18.252	18.252	0.0	98	1271910	10.3
*	76			19.149	19.149	0.0	81	2821366	10.0
	77			19.208	19.208	0.0	95	1999703	10.2
	78			19.357	19.357	0.0	94	3048982	10.2
	79			19.459	19.459	0.0	78	1158583	10.2
	81			19.608	19.608	0.0	99	2590473	20.9
S	82						0		31.1
	83			20.414	20.414	0.0	94	1249103	10.3
	84			20.467	20.467	0.0	98	1989385	10.6
	85			20.862	20.862	0.0	98	1504831	10.6
	86			21.049	21.049	0.0	94	3567777	10.4
\$	87			21.401	21.401	0.0	97	1964548	NC
	88			21.668	21.668	0.0	93	1725251	10.5
	90			21.727	21.727	0.0	99	4187105	10.4
	89			21.764	21.764	0.0	84	1283930	10.4
	93			21.876	21.876	0.0	75	1405567	10.4

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.908	21.908	0.0	94	3738585	10.7
92	2-Chlorotoluene		91	21.924	21.924	0.0	95	2877864	10.6
94	1,3,5-Trimethylbenzene		105	22.010	22.010	0.0	93	3019837	10.4
95	Alpha Methyl Styrene		118	22.362	22.362	0.0	90	1608683	10.5
96	tert-Butylbenzene		119	22.479	22.479	0.0	91	2967315	10.3
97	1,2,4-Trimethylbenzene		105	22.570	22.570	0.0	95	3013132	10.4
98	sec-Butylbenzene		105	22.794	22.794	0.0	99	4367727	10.4
99	4-Isopropyltoluene		119	22.992	22.992	0.0	93	3840403	10.4
100	1,3-Dichlorobenzene		146	23.029	23.029	0.0	98	2244736	10.4
101	1,4-Dichlorobenzene		146	23.168	23.168	0.0	96	2241230	10.4
102	Benzyl chloride		91	23.376	23.376	0.0	99	2713993	10.6
103	n-Butylbenzene		91	23.579	23.579	0.0	96	3208309	10.7
104	Undecane		57	23.584	23.584	0.0	62	1343489	10.7
105	1,2-Dichlorobenzene		146	23.723	23.723	0.0	98	2084160	10.2
106	Dodecane		57	25.244	25.244	0.0	89	863185	7.29
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	93	1455384	10.1
108	Hexachlorobutadiene		225	26.541	26.541	0.0	95	1432742	10.5
109	Naphthalene		128	26.882	26.882	0.0	99	2335893	9.38
110	1,2,3-Trichlorobenzene		180	27.384	27.384	0.0	95	1167583	9.80

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma007.D

Injection Date: 03-Jan-2014 13:12:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: icis

Lab Sample ID: Client 200-66774/7-A

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

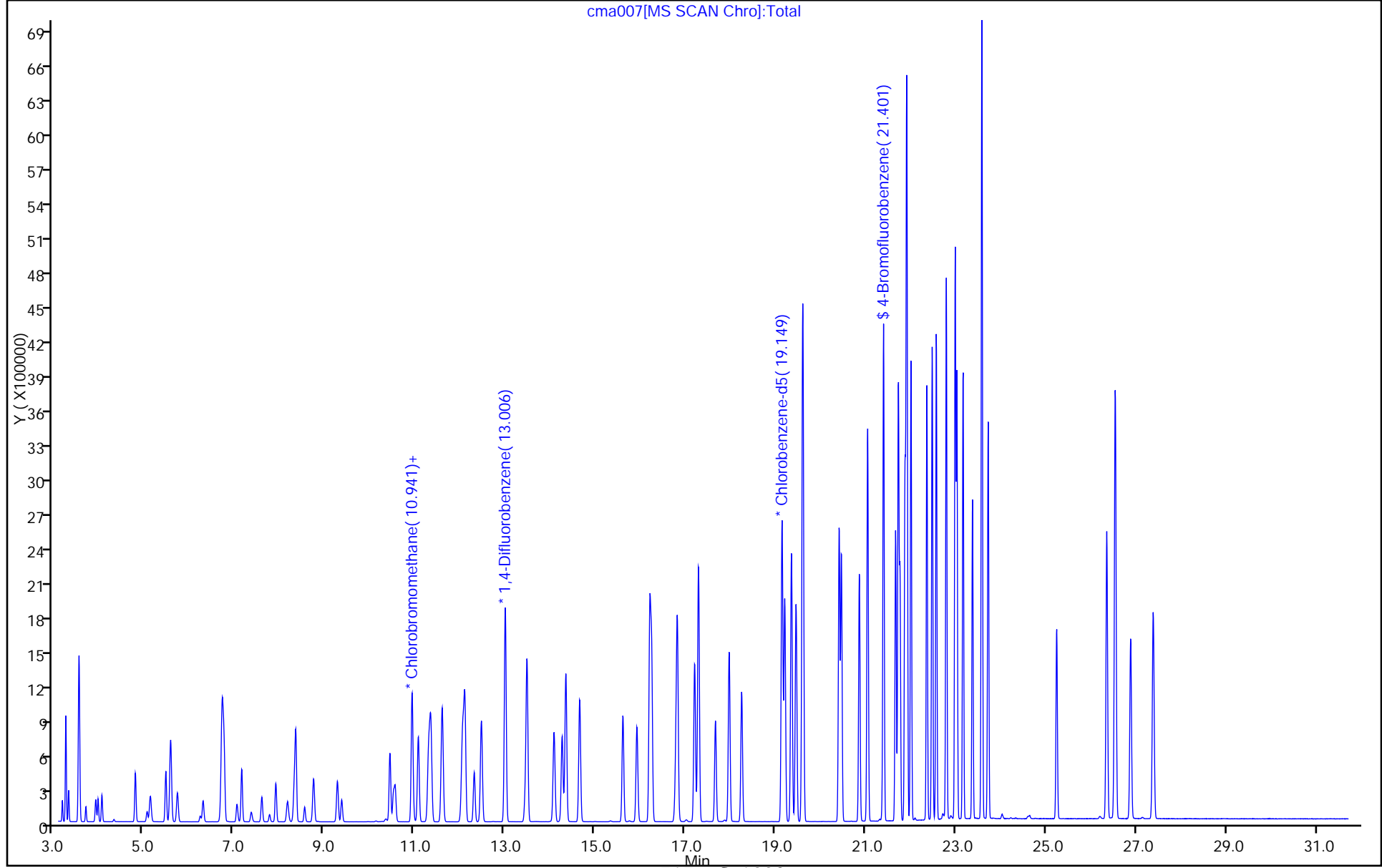
ALS Bottle#: 6

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



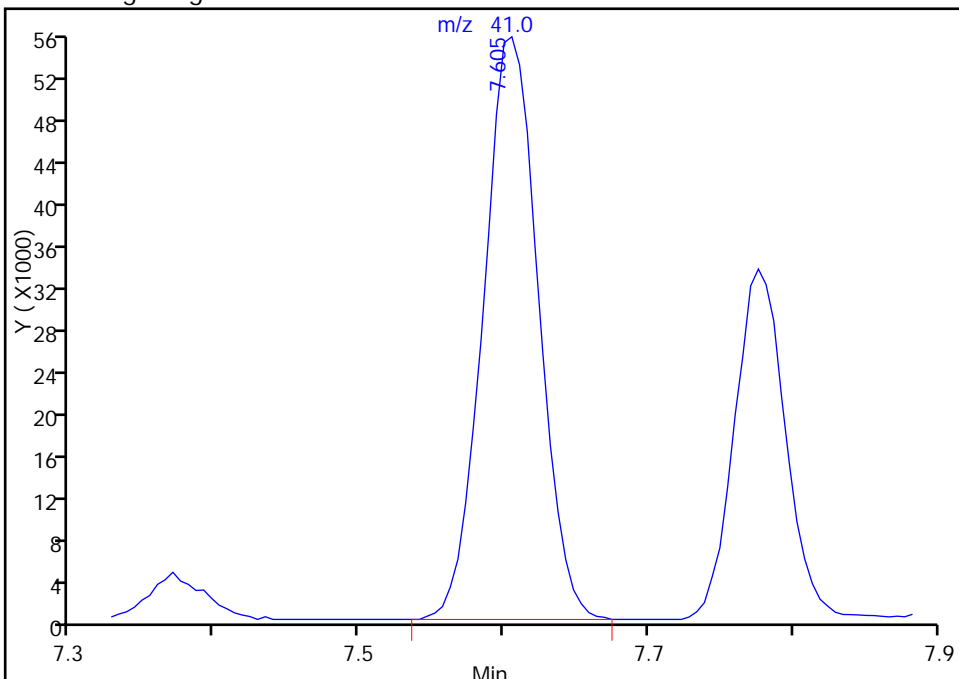
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma007.D
Injection Date: 03-Jan-2014 13:12:30 Instrument ID: CHC.i
Lims ID: icis Lab Sample ID: Client 200-66774/7-A
Client ID:
Operator ID: pad ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

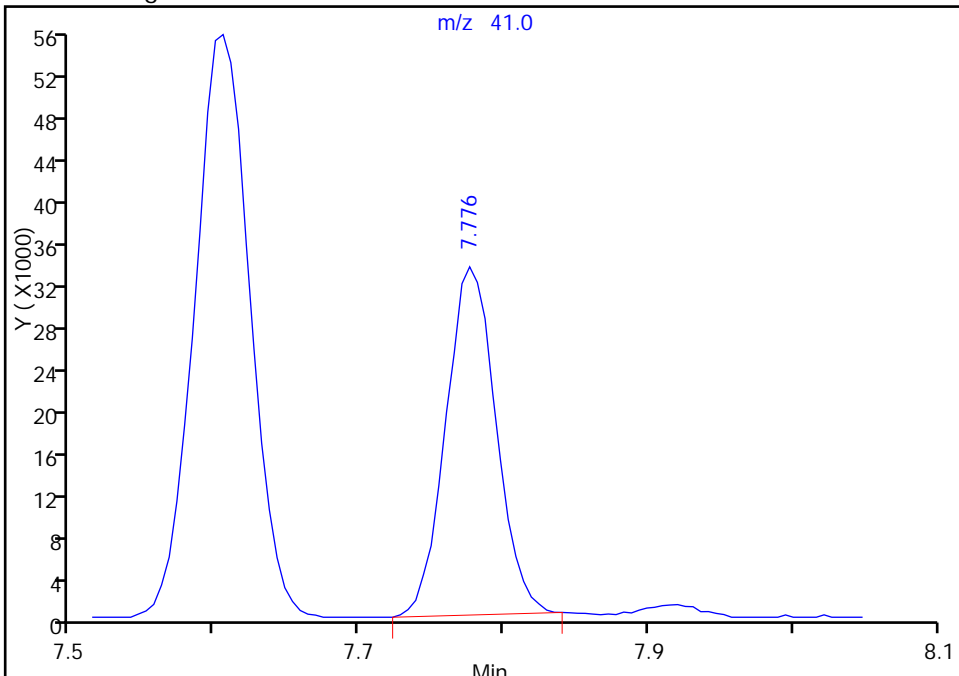
RT: 7.61
Response: 148227
Amount: 9.963320

Processing Integration Results



RT: 7.78
Response: 80607
Amount: 7.015973

Manual Integration Results



Reviewer: lyonsb, 14-Jan-2014 12:49:34
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma008.D
 Lims ID: ic Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 03-Jan-2014 14:04:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-008
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:39 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.181	3.181	0.0	98	124122	13.8	
2 Dichlorodifluoromethane	85	3.256	3.256	0.0	99	1316189	14.5	
6 Chlorodifluoromethane	51	3.314	3.320	-0.006	81	392514	14.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.549	3.549	0.0	86	1368796	14.4	
8 Chloromethane	50	3.699	3.704	-0.005	88	197446	13.7	
9 Butane	43	3.918	3.918	0.0	96	294776	14.4	
10 Vinyl chloride	62	3.971	3.971	0.0	96	332260	14.6	
11 Butadiene	54	4.056	4.056	0.0	85	204506	14.1	
12 Bromomethane	94	4.798	4.798	0.0	99	507195	14.3	
13 Chloroethane	64	5.060	5.060	0.0	97	158262	14.2	
14 2-Methylbutane	43	5.129	5.134	-0.005	82	187359	13.2	
15 Vinyl bromide	106	5.476	5.476	0.0	98	645267	14.7	
16 Trichlorofluoromethane	101	5.583	5.583	0.0	96	1556335	14.5	
17 Pentane	43	5.732	5.732	0.0	93	346175	14.4	
19 Ethanol	45	6.234	6.239	-0.005	95	97367	20.0	
21 Ethyl ether	59	6.298	6.303	-0.005	79	234347	14.3	
22 Acrolein	56	6.719	6.719	0.0	95	106342	15.0	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.730	6.725	0.005	90	1153017	14.7	
24 1,1-Dichloroethene	96	6.767	6.773	-0.006	80	549125	14.7	
25 Acetone	43	7.050	7.056	-0.006	93	295444	14.0	
26 Carbon disulfide	76	7.157	7.157	0.0	97	1341038	14.3	
27 Isopropyl alcohol	45	7.376	7.371	0.005	98	237522	15.3	
29 3-Chloro-1-propene	41	7.605	7.605	0.0	71	213885	14.0	
30 Acetonitrile	41	7.605	7.776	-0.171	71	213885	18.1	
31 Methylene Chloride	49	7.915	7.915	0.0	67	242935	13.4	
32 2-Methyl-2-propanol	59	8.176	8.176	0.0	97	592633	15.2	
33 Methyl tert-butyl ether	73	8.331	8.331	0.0	92	1303626	14.6	
34 trans-1,2-Dichloroethene	61	8.363	8.358	0.005	75	501227	14.3	
35 Acrylonitrile	53	8.555	8.555	0.0	96	193356	14.4	
36 Hexane	57	8.753	8.758	-0.005	79	499690	14.3	
37 1,1-Dichloroethane	63	9.281	9.281	0.0	93	715112	14.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.377	9.377	0.0	97	561708	14.9
S	41						0		29.1
	39			10.450	10.445	0.005	84	757771	14.8
	40			10.530	10.530	0.0	98	276633	13.9
	42			10.562	10.562	0.0	96	64014	15.2
*	43			10.936	10.936	0.0	63	539213	10.0
	44			10.946	10.952	-0.006	71	289349	14.6
	45			11.080	11.080	0.0	98	1396759	14.7
	46			11.309	11.304	0.005	70	1020592	14.7
	47			11.352	11.352	0.0	92	1615260	14.7
	48			11.608	11.608	0.0	96	1828171	15.1
	51			12.067	12.067	0.0	97	2570029	14.1
	50			12.115	12.110	0.005	93	2311015	14.4
	52			12.318	12.318	0.0	98	814888	14.4
	53			12.478	12.478	0.0	71	704042	13.5
*	54			13.006	13.006	0.0	91	3083840	10.0
	55			13.449	13.449	0.0	75	349357	15.6
	56			13.487	13.487	0.0	94	1233269	14.9
A	57			13.505	5.124 - 21.886		0	254561458	0
	58			14.090	14.090	0.0	93	864837	14.6
	59			14.271	14.271	0.0	72	942825	15.1
	60			14.330	14.335	-0.005	70	431565	15.7
	61			14.357	14.351	0.006	91	1291367	15.8
	62			14.661	14.655	0.006	97	1896111	15.2
A	63			15.282	3.171 - 27.394		0	505335030	3326.6
	64			15.621	15.616	0.005	84	1531995	15.2
	65			15.926	15.926	0.0	85	1120828	14.3
A	67			16.214	16.174 - 16.254		0	13972161	NC
	66			16.214	16.214	0.0	91	2196929	15.0
A	69			16.251	16.201 - 16.301		0	13972161	NC
	68			16.251	16.251	0.0	73	1196735	13.5
	70			16.828	16.828	0.0	89	1573168	14.7
	71			17.212	17.212	0.0	93	1001770	15.0
	72			17.297	17.297	0.0	94	2031274	15.9
	73			17.671	17.671	0.0	83	1100791	14.3
	74			17.975	17.975	0.0	96	2252964	15.9
	75			18.252	18.252	0.0	99	2013934	15.5
*	76			19.149	19.149	0.0	79	2972206	10.0
	77			19.208	19.208	0.0	97	3180517	15.4
	78			19.357	19.357	0.0	96	4757073	15.1
	79			19.459	19.459	0.0	77	1689974	14.1
	81			19.608	19.608	0.0	98	4062425	31.0
S	82						0		46.4
	83			20.419	20.414	0.005	95	1965912	15.4
	84			20.467	20.467	0.0	98	3168626	16.1
	85			20.862	20.862	0.0	98	2455409	16.5
	86			21.049	21.049	0.0	93	5608554	15.5
\$	87			21.401	21.401	0.0	98	2030403	NC
	88			21.668	21.668	0.0	96	2623603	15.1
	90			21.732	21.727	0.005	99	6477530	15.3
	89			21.764	21.764	0.0	87	1917898	14.8
	93			21.876	21.876	0.0	73	2025555	14.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
91	4-Ethyltoluene	105	21.908	21.908	0.0	95	5776169	15.7
92	2-Chlorotoluene	91	21.924	21.924	0.0	94	4356577	15.3
94	1,3,5-Trimethylbenzene	105	22.010	22.010	0.0	94	4774950	15.5
95	Alpha Methyl Styrene	118	22.362	22.362	0.0	90	2659502	16.4
96	tert-Butylbenzene	119	22.479	22.479	0.0	91	4734472	15.6
97	1,2,4-Trimethylbenzene	105	22.570	22.570	0.0	95	4796792	15.7
98	sec-Butylbenzene	105	22.794	22.794	0.0	98	6896883	15.5
99	4-Isopropyltoluene	119	22.992	22.992	0.0	96	6185335	15.9
100	1,3-Dichlorobenzene	146	23.029	23.029	0.0	99	3645061	16.0
101	1,4-Dichlorobenzene	146	23.168	23.168	0.0	96	3650630	16.1
102	Benzyl chloride	91	23.376	23.376	0.0	99	4209069	15.6
103	n-Butylbenzene	91	23.579	23.579	0.0	96	4845205	15.3
104	Undecane	57	23.584	23.584	0.0	82	2059120	15.5
105	1,2-Dichlorobenzene	146	23.723	23.723	0.0	98	3393031	15.8
106	Dodecane	57	25.244	25.244	0.0	86	2347257	18.8
107	1,2,4-Trichlorobenzene	180	26.354	26.354	0.0	93	2901798	19.2
108	Hexachlorobutadiene	225	26.541	26.541	0.0	96	2494911	17.4
109	Naphthalene	128	26.882	26.882	0.0	99	5823598	22.2
110	1,2,3-Trichlorobenzene	180	27.384	27.384	0.0	96	2497503	19.9

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma008.D

Injection Date: 03-Jan-2014 14:04:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

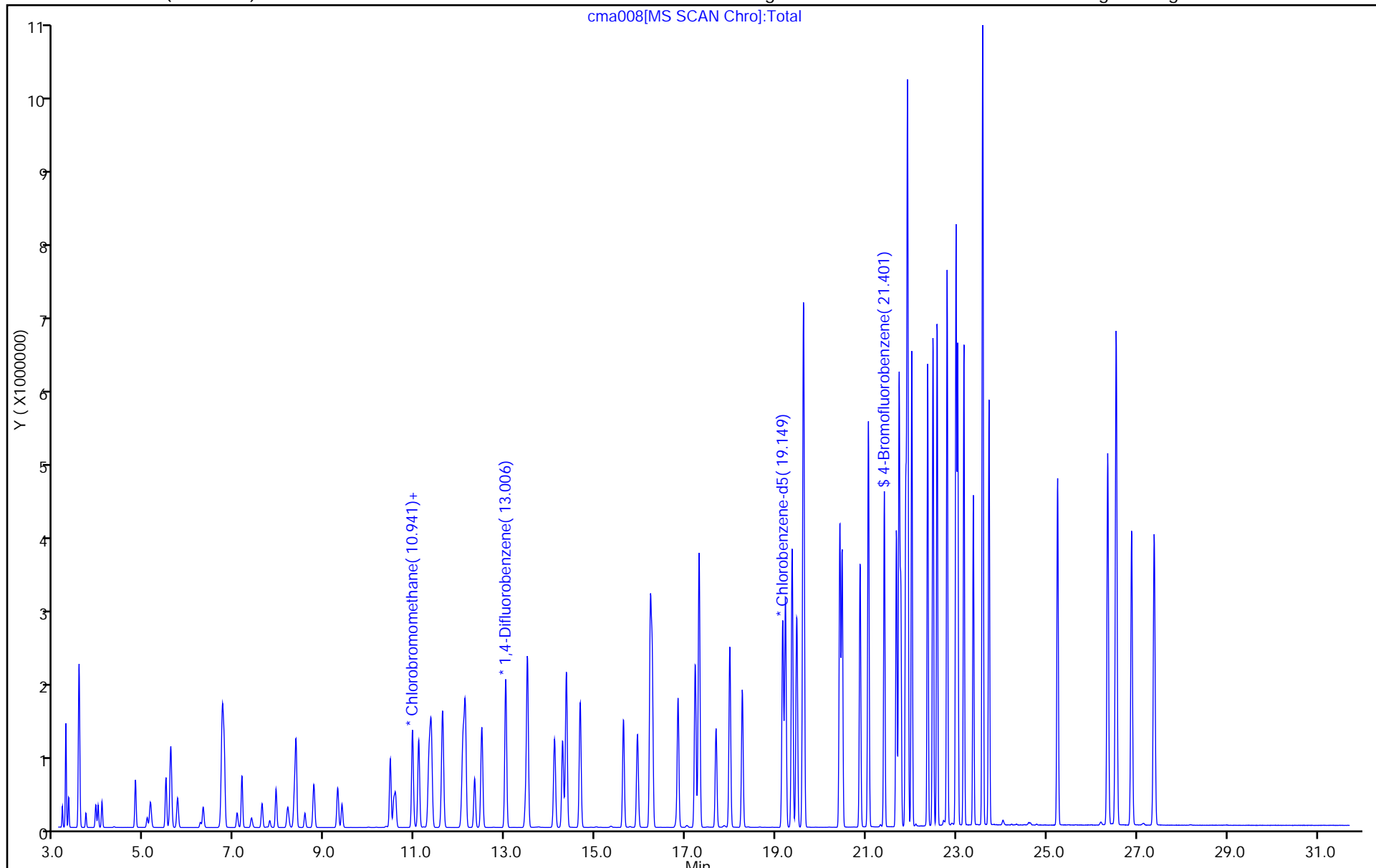
ALS Bottle#: 7

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma009.D
 Lims ID: ic Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 03-Jan-2014 14:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-009
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:41 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.176	3.181	-0.005	98	157143	17.1	
2 Dichlorodifluoromethane	85	3.256	3.256	0.0	98	1754058	18.9	
6 Chlorodifluoromethane	51	3.314	3.320	-0.006	95	521868	18.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.544	3.549	-0.005	85	1818253	18.6	
8 Chloromethane	50	3.699	3.704	-0.005	99	261114	17.7	
9 Butane	43	3.918	3.918	0.0	96	366810	17.4	
10 Vinyl chloride	62	3.971	3.971	0.0	96	445864	19.1	
11 Butadiene	54	4.056	4.056	0.0	85	273104	18.4	
12 Bromomethane	94	4.798	4.798	0.0	99	684801	18.8	
13 Chloroethane	64	5.060	5.060	0.0	95	210748	18.4	
14 2-Methylbutane	43	5.129	5.134	-0.005	82	244772	16.9	
15 Vinyl bromide	106	5.476	5.476	0.0	98	868559	19.3	
16 Trichlorofluoromethane	101	5.583	5.583	0.0	97	2102105	19.2	
17 Pentane	43	5.732	5.732	0.0	93	434342	17.7	
19 Ethanol	45	6.239	6.239	0.0	95	186347	37.3	
21 Ethyl ether	59	6.298	6.303	-0.005	77	312120	18.6	
22 Acrolein	56	6.719	6.719	0.0	95	132544	18.2	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.725	6.725	0.0	91	1548857	19.2	
24 1,1-Dichloroethene	96	6.767	6.773	-0.006	81	738974	19.3	
25 Acetone	43	7.050	7.056	-0.006	93	391172	18.1	
26 Carbon disulfide	76	7.157	7.157	0.0	97	1793102	18.6	
27 Isopropyl alcohol	45	7.376	7.371	0.005	98	286886	18.0	
29 3-Chloro-1-propene	41	7.605	7.605	0.0	72	285868	18.2	
30 Acetonitrile	41	7.605	7.776	-0.171	71	285861	23.6	
31 Methylene Chloride	49	7.915	7.915	0.0	67	320938	17.3	
32 2-Methyl-2-propanol	59	8.176	8.176	0.0	97	742921	18.7	
33 Methyl tert-butyl ether	73	8.331	8.331	0.0	92	1740821	19.1	
34 trans-1,2-Dichloroethene	61	8.363	8.358	0.005	75	666324	18.5	
35 Acrylonitrile	53	8.555	8.555	0.0	95	254226	18.5	
36 Hexane	57	8.753	8.758	-0.005	79	641670	17.9	
37 1,1-Dichloroethane	63	9.281	9.281	0.0	98	963481	19.0	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.377	9.377	0.0	97	745535	19.3
S	41						0		38.2
	39			10.450	10.445	0.005	77	1028480	19.6
	40			10.525	10.530	-0.005	98	370305	18.2
	42			10.567	10.562	0.005	97	86361	20.0
*	43			10.936	10.936	0.0	62	552282	10.0
	44			10.946	10.952	-0.006	71	371828	18.0
	45			11.080	11.080	0.0	98	1893294	19.5
	46			11.309	11.304	0.005	69	1378482	19.1
	47			11.352	11.352	0.0	91	2209737	19.4
	48			11.608	11.608	0.0	95	2532074	20.2
	51			12.067	12.067	0.0	97	3374963	17.8
	50			12.115	12.110	0.005	91	3118954	18.8
	52			12.318	12.318	0.0	98	1104020	18.8
	53			12.478	12.478	0.0	73	900677	16.7
*	54			13.006	13.006	0.0	91	3202110	10.0
	55			13.444	13.449	-0.005	75	425996	18.4
	56			13.492	13.487	0.005	92	1714473	20.0
A	57			13.505	5.124 - 21.886		0	355836451	0
	58			14.090	14.090	0.0	93	1163175	18.9
	59			14.266	14.271	-0.005	71	1286318	19.9
	60			14.335	14.335	0.0	69	543037	19.0
	61			14.357	14.351	0.005	89	1868268	22.0
	62			14.661	14.655	0.006	97	2602704	20.1
A	63			15.282	3.171 - 27.394		0	682507550	4327.0
	64			15.621	15.616	0.005	82	2100471	20.1
	65			15.926	15.926	0.0	83	1456998	17.9
A	67			16.214	16.174 - 16.254		0	18777183	NC
	66			16.214	16.214	0.0	90	3047441	20.0
A	69			16.251	16.201 - 16.301		0	18777183	NC
	68			16.256	16.251	0.005	70	1508661	16.4
	70			16.827	16.828	-0.001	88	2165511	19.5
	71			17.212	17.212	0.0	93	1377991	19.8
	72			17.297	17.297	0.0	94	2943208	22.1
	73			17.671	17.671	0.0	82	1421043	17.7
	74			17.975	17.975	0.0	96	3201569	21.7
	75			18.252	18.252	0.0	98	2831746	20.9
*	76			19.149	19.149	0.0	69	3100545	10.0
	77			19.213	19.208	0.005	97	4487860	20.8
	78			19.357	19.357	0.0	96	6600852	20.1
	79			19.464	19.459	0.005	76	2202089	17.6
	81			19.608	19.608	0.0	98	5638403	41.3
S	82						0		62.0
	83			20.419	20.414	0.005	95	2761754	20.7
	84			20.467	20.467	0.0	98	4439325	21.6
	85			20.862	20.862	0.0	98	3519944	22.6
	86			21.049	21.049	0.0	93	7793634	20.6
\$	87			21.401	21.401	0.0	99	2070634	NC
	88			21.668	21.668	0.0	95	3513658	19.4
	90			21.732	21.727	0.005	98	8773755	19.8
	89			21.764	21.764	0.0	84	2542638	18.8
	93			21.876	21.876	0.0	72	2516659	17.0

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.908	21.908	0.0	95	7768139	20.2
92	2-Chlorotoluene		91	21.924	21.924	0.0	94	5760441	19.4
94	1,3,5-Trimethylbenzene		105	22.010	22.010	0.0	94	6588946	20.6
95	Alpha Methyl Styrene		118	22.362	22.362	0.0	90	3717362	22.0
96	tert-Butylbenzene		119	22.479	22.479	0.0	92	6618459	20.9
97	1,2,4-Trimethylbenzene		105	22.575	22.570	0.005	94	6583826	20.6
98	sec-Butylbenzene		105	22.794	22.794	0.0	98	9466258	20.4
99	4-Isopropyltoluene		119	22.992	22.992	0.0	94	8607057	21.2
100	1,3-Dichlorobenzene		146	23.029	23.029	0.0	98	5071291	21.4
101	1,4-Dichlorobenzene		146	23.168	23.168	0.0	96	5081191	21.4
102	Benzyl chloride		91	23.376	23.376	0.0	99	5672247	20.2
103	n-Butylbenzene		91	23.579	23.579	0.0	96	6241306	18.9
104	Undecane		57	23.589	23.584	0.005	80	2416563	17.5
105	1,2-Dichlorobenzene		146	23.723	23.723	0.0	99	4730576	21.2
106	Dodecane		57	25.244	25.244	0.0	85	2834400	21.8
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	92	3767518	23.9
108	Hexachlorobutadiene		225	26.541	26.541	0.0	95	3451475	23.0
109	Naphthalene		128	26.882	26.882	0.0	99	6513834	23.8
110	1,2,3-Trichlorobenzene		180	27.384	27.384	0.0	96	3180482	24.3

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma009.D

Injection Date: 03-Jan-2014 14:56:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

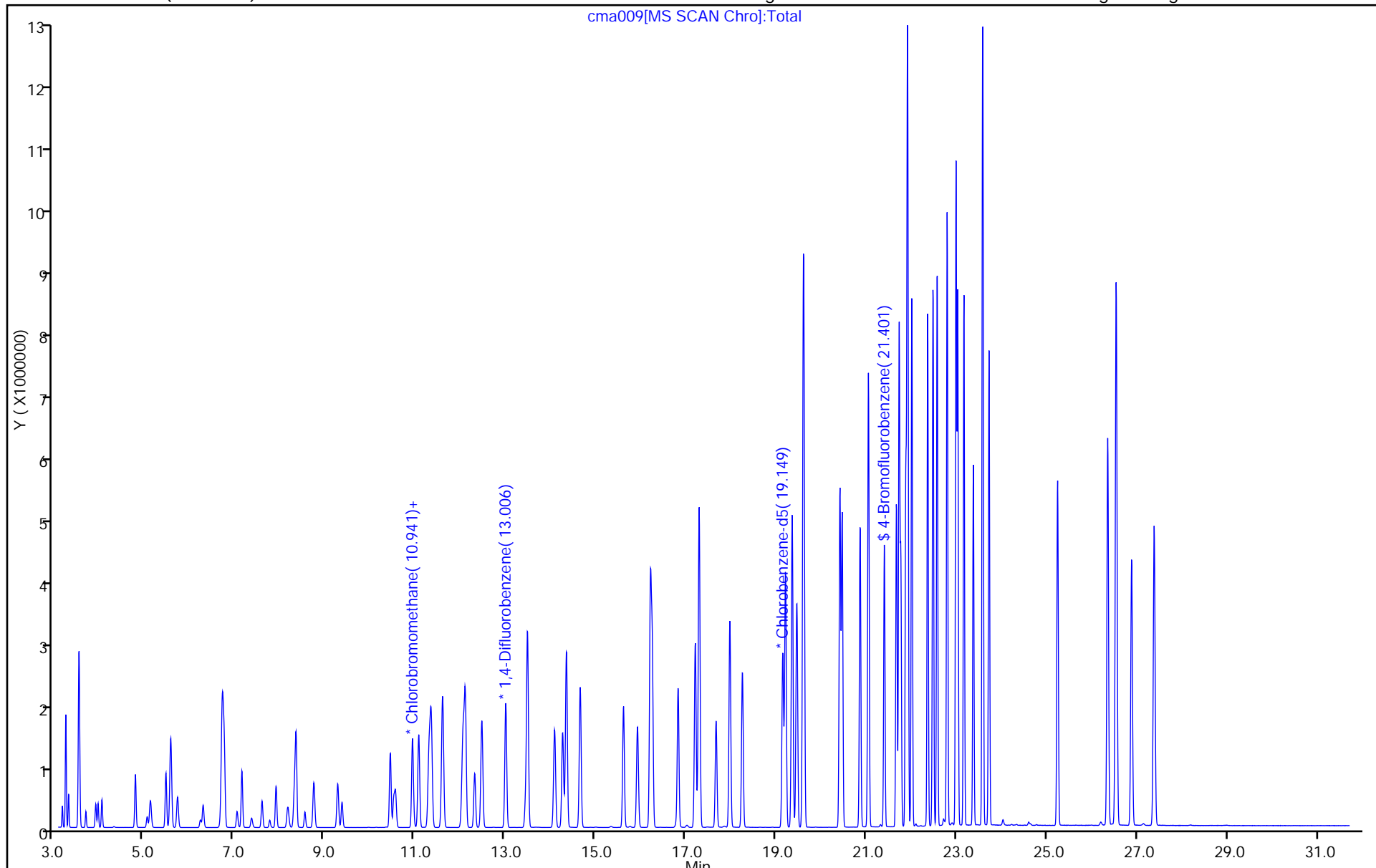
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Lims ID: ic Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 03-Jan-2014 15:48:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-010
 Misc. Info.: ic
 Operator ID: pad Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub2
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:43 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: lyonsb

Date: 14-Jan-2014 12:52:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.176	3.181	-0.005	98	298655	31.9	
2 Dichlorodifluoromethane	85	3.250	3.256	-0.006	98	3315356	35.0	
6 Chlorodifluoromethane	51	3.314	3.320	-0.006	95	988759	33.9	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.544	3.549	-0.005	85	3393002	34.1	
8 Chloromethane	50	3.699	3.704	-0.005	98	499671	33.3	
9 Butane	43	3.918	3.918	0.0	96	693094	32.3	
10 Vinyl chloride	62	3.966	3.971	-0.005	98	846985	35.6	
11 Butadiene	54	4.056	4.056	0.0	85	523834	34.5	
12 Bromomethane	94	4.798	4.798	0.0	99	1326169	35.7	
13 Chloroethane	64	5.060	5.060	0.0	97	411528	35.2	
14 2-Methylbutane	43	5.129	5.134	-0.005	82	466708	31.5	
15 Vinyl bromide	106	5.476	5.476	0.0	98	1680461	36.6	
16 Trichlorofluoromethane	101	5.583	5.583	0.0	97	4053828	36.3	
17 Pentane	43	5.732	5.732	0.0	93	823720	32.9	
19 Ethanol	45	6.244	6.239	0.005	98	432862	84.9	
21 Ethyl ether	59	6.298	6.303	-0.005	79	596037	34.8	
22 Acrolein	56	6.714	6.719	-0.005	95	248766	33.5	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.725	6.725	0.0	88	2917761	35.5	
24 1,1-Dichloroethene	96	6.773	6.773	0.0	79	1389925	35.6	
25 Acetone	43	7.050	7.056	-0.006	93	733792	33.3	
26 Carbon disulfide	76	7.157	7.157	0.0	97	3422690	34.8	
27 Isopropyl alcohol	45	7.381	7.371	0.010	98	557249	34.4	
29 3-Chloro-1-propene	41	7.605	7.605	0.0	71	547043	34.2	
30 Acetonitrile	41	7.605	7.776	-0.171	71	547029	44.3	
31 Methylene Chloride	49	7.915	7.915	0.0	67	614488	32.4	
32 2-Methyl-2-propanol	59	8.182	8.176	0.006	97	1431100	35.2	
33 Methyl tert-butyl ether	73	8.331	8.331	0.0	92	3327207	35.8	
34 trans-1,2-Dichloroethene	61	8.363	8.358	0.005	75	1245123	34.0	
35 Acrylonitrile	53	8.555	8.555	0.0	95	499532	35.7	
36 Hexane	57	8.753	8.758	-0.005	79	1221057	33.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	9.286	9.281	0.005	98	1848529	35.7
	38	Vinyl acetate	43	9.377	9.377	0.0	97	1441251	36.6
S	41	1,2-Dichloroethene, Total	61				0		71.4
	39	cis-1,2-Dichloroethene	96	10.450	10.445	0.005	83	2001034	37.4
	40	2-Butanone (MEK)	72	10.525	10.530	-0.005	98	706139	34.0
	42	Ethyl acetate	88	10.567	10.562	0.005	96	165484	37.6
*	43	Chlorobromomethane	128	10.941	10.936	0.005	62	563318	10.0
	44	Tetrahydrofuran	42	10.946	10.952	-0.006	71	708235	33.7
	45	Chloroform	83	11.080	11.080	0.0	98	3646312	36.7
	46	Cyclohexane	84	11.309	11.304	0.005	77	2636392	35.8
	47	1,1,1-Trichloroethane	97	11.357	11.352	0.005	90	4276728	36.8
	48	Carbon tetrachloride	117	11.608	11.608	0.0	95	4988641	39.0
	51	Isooctane	57	12.067	12.067	0.0	97	6155007	31.9
	50	Benzene	78	12.115	12.110	0.005	92	5893988	34.8
	52	1,2-Dichloroethane	62	12.323	12.318	0.005	98	2131827	35.7
	53	n-Heptane	43	12.483	12.478	0.005	70	1619771	29.4
*	54	1,4-Difluorobenzene	114	13.012	13.006	0.006	91	3264122	10.0
	55	n-Butanol	56	13.449	13.449	0.0	75	798972	33.8
	56	Trichloroethene	95	13.492	13.487	0.005	90	3345512	38.3
A	57	GRO	1	13.505	5.124 - 21.886		0	674313855	0
	58	1,2-Dichloropropane	63	14.095	14.090	0.005	92	2197076	35.0
	59	Methyl methacrylate	69	14.271	14.271	0.0	69	2468173	37.4
	60	1,4-Dioxane	88	14.335	14.335	0.0	67	999017	34.3
	61	Dibromomethane	174	14.356	14.351	0.005	86	3885444	44.8
	62	Dichlorobromomethane	83	14.661	14.655	0.006	97	5051043	38.3
A	63	TVOC as Toluene	1	15.282	3.171 - 27.394		0	1232620165	7666.2
	64	cis-1,3-Dichloropropene	75	15.621	15.616	0.005	82	4095202	38.4
	65	4-Methyl-2-pentanone (MIBK)	43	15.931	15.926	0.005	82	2646426	31.9
A	67	Toluene Range	1	16.214	16.174 - 16.254		0	34655130	NC
	66	Toluene	92	16.219	16.214	0.005	93	5885894	37.7
A	69	C8 Range	1	16.251	16.201 - 16.301		0	34655130	NC
	68	n-Octane	43	16.256	16.251	0.005	67	2499868	26.6
	70	trans-1,3-Dichloropropene	75	16.833	16.828	0.005	87	4222649	37.4
	71	1,1,2-Trichloroethane	83	17.212	17.212	0.0	91	2648591	37.3
	72	Tetrachloroethene	166	17.297	17.297	0.0	92	6064560	44.4
	73	2-Hexanone	43	17.676	17.671	0.005	80	2552778	31.1
	74	Chlorodibromomethane	129	17.980	17.975	0.005	94	6521503	43.1
	75	Ethylene Dibromide	107	18.258	18.252	0.006	99	5581701	40.3
*	76	Chlorobenzene-d5	117	19.149	19.149	0.0	66	3171881	10.0
	77	Chlorobenzene	112	19.213	19.208	0.005	96	8980350	40.7
	78	Ethylbenzene	91	19.363	19.357	0.005	95	12725806	38.0
	79	n-Nonane	57	19.464	19.459	0.005	73	3797852	29.6
	81	m-Xylene & p-Xylene	106	19.613	19.608	0.005	97	10635110	76.2
S	82	Xylenes, Total	106				0		115.9
	83	o-Xylene	106	20.419	20.414	0.005	95	5425653	39.7
	84	Styrene	104	20.473	20.467	0.006	97	8738808	41.5
	85	Bromoform	173	20.868	20.862	0.006	97	7156617	44.9
	86	Isopropylbenzene	105	21.054	21.049	0.005	92	15060699	38.9
\$	87	4-Bromofluorobenzene	95	21.401	21.401	0.0	98	2088472	NC
	88	1,1,2,2-Tetrachloroethane	83	21.673	21.668	0.005	94	6341028	34.3
	90	N-Propylbenzene	91	21.732	21.727	0.005	98	15953282	35.2
	89	1,2,3-Trichloropropane	75	21.769	21.764	0.005	87	4522411	32.7

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.882	21.876	0.006	69	3831625	25.3
91	4-Ethyltoluene		105	21.914	21.908	0.006	94	13281490	33.7
92	2-Chlorotoluene		91	21.930	21.924	0.006	93	9701240	31.9
94	1,3,5-Trimethylbenzene		105	22.015	22.010	0.005	94	12465448	38.0
95	Alpha Methyl Styrene		118	22.367	22.362	0.005	90	7357313	42.6
96	tert-Butylbenzene		119	22.485	22.479	0.006	92	12795874	39.6
97	1,2,4-Trimethylbenzene		105	22.575	22.570	0.005	94	12436082	38.1
98	sec-Butylbenzene		105	22.794	22.794	0.0	98	17583772	37.1
99	4-Isopropyltoluene		119	22.992	22.992	0.0	94	16048695	38.6
100	1,3-Dichlorobenzene		146	23.029	23.029	0.0	98	9939069	41.0
101	1,4-Dichlorobenzene		146	23.168	23.168	0.0	96	10088897	41.6
102	Benzyl chloride		91	23.376	23.376	0.0	99	10939788	38.1
103	n-Butylbenzene		91	23.579	23.579	0.0	95	10038946	29.8
104	Undecane		57	23.589	23.584	0.005	78	3244490	22.9
105	1,2-Dichlorobenzene		146	23.728	23.723	0.005	99	9530424	41.7
106	Dodecane		57	25.244	25.244	0.0	85	2587541	19.4
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	92	6153908	38.1
108	Hexachlorobutadiene		225	26.541	26.541	0.0	95	4692774	30.6
109	Naphthalene		128	26.888	26.882	0.006	99	12259209	43.8
110	1,2,3-Trichlorobenzene		180	27.384	27.384	0.0	96	4201320	31.4

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D

Injection Date: 03-Jan-2014 15:48:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: ic

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

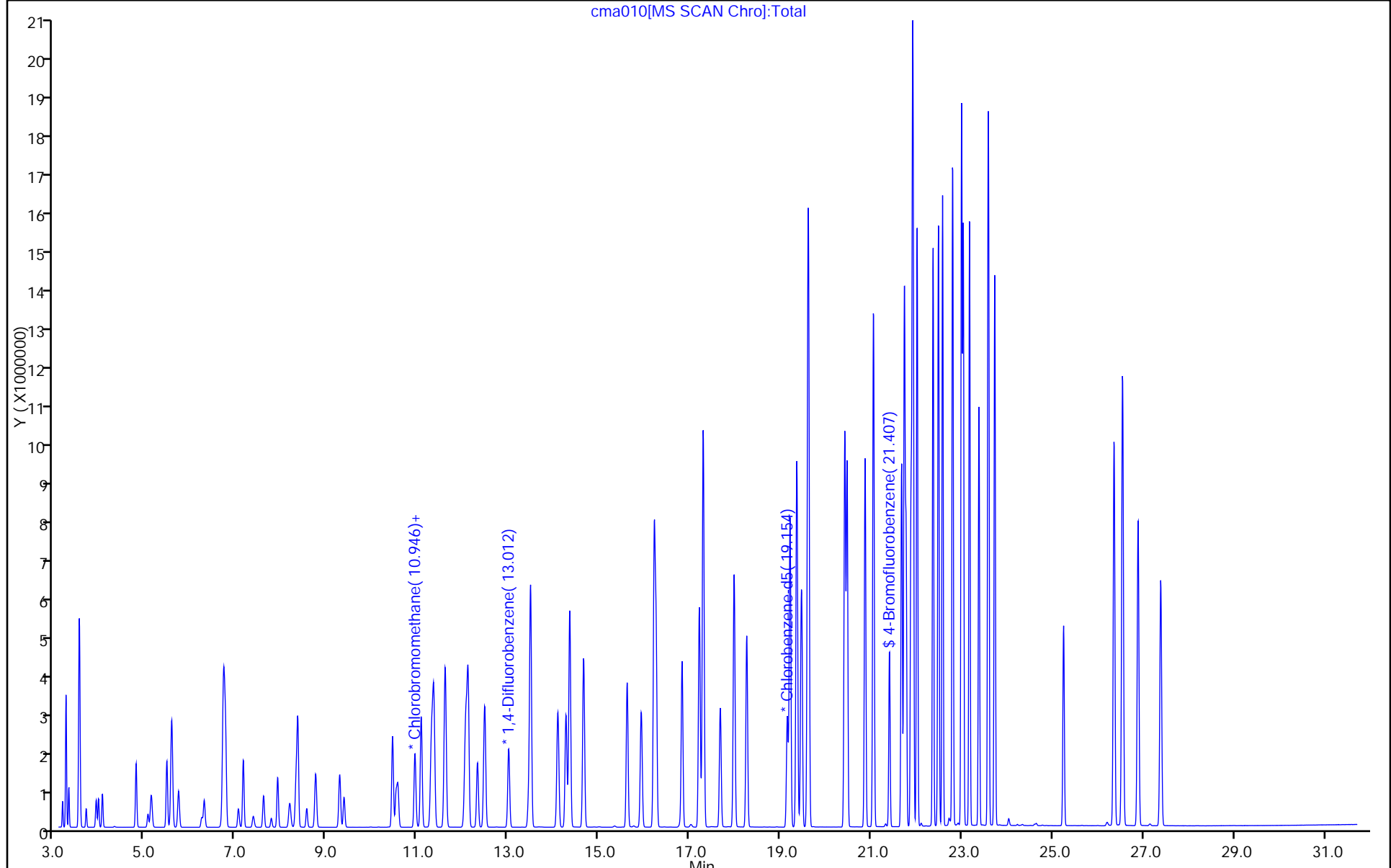
ALS Bottle#: 9

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68619/6	6246_006.D
Level 2	IC 200-68619/7	6246_007.D
Level 3	IC 200-68619/8	6246_008.D
Level 4	IC 200-68619/9	6246_009.D
Level 5	ICIS 200-68619/10	6246_010.D
Level 6	IC 200-68619/11	6246_011.D
Level 7	IC 200-68619/12	6246_012.D
Level 8	IC 200-68619/13	6246_013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.3790	0.7148 0.3651	0.5325 0.3363	0.4395	0.4003	Ave	0.4525				29.0		30.0				
Freon 12	++++ 2.9874	++++ 2.8719	3.7069 2.5818	3.5158	3.1589	Ave	3.1371				13.0		30.0				
Freon 22	++++ 1.1103	++++ 1.0831	1.3941 0.9884	1.3139	1.1968	Ave	1.1811				13.0		30.0				
Freon-114	++++ 2.4982	2.9659 2.4044	3.1537 2.1606	2.9606	2.6635	Ave	2.6867				13.0		30.0				
Chloromethane	++++ 0.5533	++++ 0.5482	0.7230 0.5063	0.6554	0.5875	Ave	0.5956				13.0		30.0				
n-Butane	++++ 0.7455	++++ 0.7094	0.9492 0.6507	0.8742	0.7817	Ave	0.7851				14.0		30.0				
Vinyl chloride	1.0034 0.7381	0.8642 0.7149	0.9178 0.6605	0.8506	0.7784	Ave	0.8160				14.0		30.0				
1,3-Butadiene	++++ 0.4505	0.5325 0.4310	0.5198 0.4026	0.5203	0.4743	Ave	0.4758				11.0		30.0				
Bromomethane	++++ 1.0944	1.2407 1.0686	1.3271 0.9905	1.2599	1.1512	Ave	1.1618				10.0		30.0				
Chloroethane	++++ 0.3098	++++ 0.3014	0.3824 0.2800	0.3491	0.3212	Ave	0.3240				11.0		30.0				
Isopentane	++++ 0.4694	0.6333 0.4590	0.5858 0.4236	0.5377	0.4893	Ave	0.5140				15.0		30.0				
Vinyl bromide	++++ 1.2099	1.3175 1.1834	1.3962 1.1154	1.3594	1.2482	Ave	1.2614				8.0		30.0				
Freon 11	++++ 3.3690	3.9158 3.2572	4.1251 3.0024	3.8886	3.5242	Ave	3.5832				11.0		30.0				
n-Pentane	++++ 0.7616	++++ 0.7386	0.9161 0.6848	0.8786	0.7926	Ave	0.7954				11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.1881	++++ 0.1853	0.2071 0.1702	0.1978	0.1977	Ave		0.1910			6.7		30.0				
Ethyl ether	++++ 0.3844	0.4421 0.3774	0.4217 0.3489	0.4319	0.3959	Ave		0.4003			8.3		30.0				
Acrolein	++++ 0.1860	++++ 0.1868	++++ 0.1778	0.2117	0.1927	Ave		0.1910			6.7		30.0				
Freon 113	++++ 2.1059	2.4624 2.0546	2.5764 1.8830	2.4437	2.2143	Ave		2.2486			11.0		30.0				
1,1-Dichloroethene	++++ 0.8763	1.0812 0.8661	1.1007 0.7895	1.0239	0.9260	Ave		0.9520			12.0		30.0				
Acetone	++++ 0.7971	++++ 0.8386	++++ 0.7060	0.9395	1.1122	Ave		0.8787			18.0		30.0				
Carbon disulfide	++++ 2.4487	++++ 2.1749	2.5564 2.0324	2.4828	2.2943	Ave		2.3316			8.6		30.0				
Isopropyl alcohol	++++ 0.6937	++++ 0.6671	++++ 0.5864	0.8299	0.7679	Ave		0.7090			13.0		30.0				
Allyl chloride	++++ 0.6020	0.6648 0.5923	0.6802 0.5536	0.6807	0.6293	Ave		0.6290			7.8		30.0				
Acetonitrile	++++ 0.3343	++++ 0.3306	++++ 0.2974	0.3817	0.3475	Ave		0.3383			9.0		30.0				
Methylene Chloride	++++ 0.6573	++++ 0.6531	0.8540 0.6026	0.7739	0.7006	Ave		0.7069			13.0		30.0				
tert-Butyl alcohol	++++ 1.2326	++++ 1.2177	++++ 1.0621	1.4441	1.3426	Ave		1.2598			11.0		30.0				
Methyl tert-butyl ether	++++ 2.1552	2.3025 2.1124	2.4465 1.9713	2.4261	2.2480	Ave		2.2374			7.7		30.0				
trans-1,2-Dichloroethene	++++ 0.9840	1.1100 0.9521	1.1752 0.8772	1.1426	1.0320	Ave		1.0390			10.0		30.0				
Acrylonitrile	++++ 0.3737	++++ 0.3698	0.3979 0.3534	0.4100	0.3871	Ave		0.3820			5.4		30.0				
Hexane	++++ 0.8027	0.9300 0.7717	0.9275 0.7220	0.8956	0.8249	Ave		0.8392			9.6		30.0				
1,1-Dichloroethane	1.8728 1.4106	1.5118 1.3786	1.6374 1.2923	1.6128	1.4588	Ave		1.5219			12.0		30.0				
Vinyl acetate	++++ 1.4586	++++ 1.4336	++++ 1.3509	1.6067	1.5122	Ave		1.4724			6.4		30.0				
cis-1,2-Dichloroethene	++++ 1.2236	1.3809 1.2157	1.4483 1.1225	1.3690	1.2681	Ave		1.2897			8.8		30.0				
Methyl Ethyl Ketone	++++ 0.4063	++++ 0.3921	0.5877 0.3624	0.4465	0.4213	Ave		0.4361			18.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.0650	++++ 0.0646	++++ 0.0604	0.0716	0.0688	Ave		0.0661			6.5		30.0				
Tetrahydrofuran	++++ 0.1164	++++ 0.1139	++++ 0.1073	0.1333	0.1238	Ave		0.1189			8.4		30.0				
Chloroform	++++ 2.7018	2.9925 2.6339	3.2808 2.4348	3.1270	2.8420	Ave		2.8590			10.0		30.0				
Cyclohexane	++++ 0.2335	0.2692 0.2286	0.2896 0.2081	0.2713	0.2468	Ave		0.2496			11.0		30.0				
1,1,1-Trichloroethane	++++ 0.5599	0.6287 0.5463	0.6614 0.5043	0.6418	0.5910	Ave		0.5905			9.6		30.0				
Carbon tetrachloride	0.8704 0.7170	0.7330 0.7011	0.7920 0.6630	0.7981	0.7476	Ave		0.7528			8.7		30.0				
Benzene	++++ 0.6126	0.7670 0.5960	0.7802 0.5356	0.7241	0.6554	Ave		0.6673			14.0		30.0				
2,2,4-Trimethylpentane	++++ 0.7504	0.8447 0.7188	0.9318 0.6407	0.8886	0.7986	Ave		0.7963			13.0		30.0				
1,2-Dichloroethane	++++ 0.3158	0.3579 0.3097	0.3637 0.2917	0.3606	0.3323	Ave		0.3331			8.5		30.0				
Heptane	++++ 0.2656	0.3901 0.2555	0.3322 0.2291	0.3164	0.2826	Ave		0.2959			18.0		30.0				
n-Butanol	++++ 0.1138	++++ 0.1085	++++ 0.0985	0.1250	0.1252	Ave		0.1142			10.0		30.0				
Trichloroethene	0.6018 0.4313	0.4822 0.4200	0.5161 0.3834	0.4935	0.4566	Ave		0.4731			14.0		30.0				
1,2-Dichloropropane	++++ 0.2993	++++ 0.2894	0.3554 0.2648	0.3491	0.3164	Ave		0.3124			11.0		30.0				
Methyl methacrylate	++++ 0.2743	++++ 0.2672	0.2519 0.2410	0.3044	0.2912	Ave		0.2717			8.7		30.0				
1,4-Dioxane	++++ 0.1435	++++ 0.1333	++++ 0.1050	0.1845	0.1685	Ave		0.1470			21.0		30.0				
Dibromomethane	++++ 0.5299	0.5059 0.5205	0.5472 0.4799	0.5665	0.5483	Ave		0.5283			5.5		30.0				
Bromodichloromethane	++++ 0.7822	0.7104 0.7619	0.8147 0.7015	0.8719	0.8169	Ave		0.7799			7.8		30.0				
cis-1,3-Dichloropropene	++++ 0.5275	0.5037 0.5167	0.5567 0.4785	0.5843	0.5498	Ave		0.5310			6.7		30.0				
methyl isobutyl ketone	++++ 0.4791	++++ 0.4654	0.5090 0.4170	0.5542	0.5077	Ave		0.4887			9.5		30.0				
Toluene	++++ 0.6736	0.8475 0.6539	0.8557 0.5939	0.7881	0.7155	Ave		0.7326			14.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Octane	++++ 0.4757	0.5660 0.4515	0.6118 0.3919	0.5769	0.5095	Ave		0.5119			15.0		30.0				
trans-1,3-Dichloropropene	++++ 0.5472	0.5000 0.5393	0.5358 0.5022	0.5938	0.5676	Ave		0.5408			6.2		30.0				
1,1,2-Trichloroethane	++++ 0.3425	0.4013 0.3302	0.4312 0.2966	0.4020	0.3650	Ave		0.3670			13.0		30.0				
Tetrachloroethene	0.9338 0.7367	0.8221 0.7240	0.8469 0.6644	0.8066	0.7642	Ave		0.7873			11.0		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4399	++++ 0.4240	0.4247 0.3847	0.4984	0.4602	Ave		0.4387			8.7		30.0				
Dibromochloromethane	++++ 0.9758	0.7972 0.9608	0.9394 0.8879	1.0535	1.0145	Ave		0.9470			8.9		30.0				
1,2-Dibromoethane	++++ 0.7320	0.6994 0.7215	0.7824 0.6592	0.8090	0.7678	Ave		0.7388			7.0		30.0				
Chlorobenzene	++++ 1.0220	1.1042 0.9920	1.2016 0.9015	1.1480	1.0696	Ave		1.0627			9.5		30.0				
Ethylbenzene	++++ 1.4406	1.6349 1.3849	1.7496 1.2345	1.6743	1.5338	Ave		1.5218			12.0		30.0				
n-Nonane	++++ 0.4993	0.6108 0.4715	0.6510 0.4027	0.6151	0.5396	Ave		0.5414			17.0		30.0				
m,p-Xylene	++++ 0.5833	0.6732 0.5577	0.7351 0.4869	0.6939	0.6247	Ave		0.6221			14.0		30.0				
Xylene, o-	++++ 0.6179	0.7013 0.5922	0.7302 0.5305	0.7180	0.6556	Ave		0.6494			11.0		30.0				
Styrene	++++ 0.8950	0.7292 0.8822	0.8183 0.8051	0.9800	0.9422	Ave		0.8646			10.0		30.0				
Bromoform	++++ 0.9868	0.6585 0.9680	0.7646 0.8734	1.0116	1.0068	Ave		0.8956			15.0		30.0				
Cumene	++++ 1.6955	1.9142 1.6278	2.0836 1.3845	2.0022	1.8098	Ave		1.7882			13.0		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8368	0.9511 0.7931	1.0202 0.6766	1.0058	0.9000	Ave		0.8834			14.0		30.0				
1,2,3-Trichloropropane	++++ 0.5560	++++ 0.5167	0.7169 0.4246	0.6896	0.6072	Ave		0.5852			19.0		30.0				
n-Propylbenzene	++++ 1.7505	2.0045 1.6320	2.1816 1.2866	2.1484	1.9133	Ave		1.8452			17.0		30.0				
2-Chlorotoluene	++++ 1.1249	1.4237 1.0380	1.5758 0.8450	1.4702	1.2593	Ave		1.2481			21.0		30.0				
4-Ethyltoluene	++++ 1.4133	1.5374 1.3144	1.8036 1.0959	1.7845	1.5620	Ave		1.5016			17.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619
 SDG No.: 200-20955-1
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Decane	++++ 0.4869	++++ 0.4329	0.8002 0.3339	0.6874	0.5657	Ave		0.5512			31.0	*	30.0				
1,3,5-Trimethylbenzene	++++ 1.4241	1.5856 1.3557	1.6894 1.1591	1.6548	1.5215	Ave		1.4843			13.0		30.0				
Alpha Methyl Styrene	++++ 0.7386	0.4902 0.7181	0.5931 0.6619	0.7878	0.7701	Ave		0.6800			16.0		30.0				
tert-Butylbenzene	++++ 1.4158	1.6505 1.3510	1.7694 1.1603	1.6832	1.5208	Ave		1.5073			14.0		30.0				
1,2,4-Trimethylbenzene	++++ 1.4103	1.4768 1.3415	1.5803 1.1247	1.6233	1.4992	Ave		1.4366			12.0		30.0				
sec-Butylbenzene	++++ 2.0054	2.3299 1.8723	2.5263 1.3417	2.4266	2.1646	Ave		2.0953			19.0		30.0				
4-Isopropyltoluene	++++ 1.6844	1.8650 1.5616	2.0415 1.1741	2.0353	1.8249	Ave		1.7410			17.0		30.0				
1,3-Dichlorobenzene	++++ 0.9602	0.7275 0.9249	0.8244 0.8156	0.9975	0.9972	Ave		0.8925			12.0		30.0				
1,4-Dichlorobenzene	++++ 0.9756	0.6150 0.9708	0.7069 0.8942	0.9241	0.9794	Ave		0.8666			17.0		30.0				
Benzyl chloride	++++ 1.0292	0.6091 1.0483	0.6936 0.9779	1.0211	1.0511	Ave		0.9186			20.0		30.0				
n-Butylbenzene	++++ 1.3896	1.2546 1.3074	1.4538 1.0894	1.6106	1.4877	Ave		1.3704			12.0		30.0				
n-Undecane	++++ 0.6417	++++ 0.5863	++++ 0.4759	0.7997	0.7082	Ave		0.6424			19.0		30.0				
1,2-Dichlorobenzene	++++ 1.0082	++++ 0.9898	++++ 0.8983	1.0253	1.0277	Ave		0.9899			5.4		30.0				
n-Dodecane	++++ 0.1205	++++ 0.1133	++++ 0.0627	0.1022	0.1051	Ave		0.1008			22.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.6411	++++ 0.6458	0.2122 0.5714	0.4825	0.6154	Ave		0.5281			31.0	*	30.0				
Hexachloro-1,3-butadiene	++++ 0.5438	0.2782 0.5308	0.3635 0.3459	0.5339	0.5249	Ave		0.4459			25.0		30.0				
Naphthalene	++++ 1.5541	++++ 1.4556	0.5472 1.2395	1.1889	1.5698	Ave		1.2592			30.0		30.0				
1,2,3-Trichlorobenzene	++++ 0.6451	++++ 0.6392	0.1490 0.4240	0.4756	0.6168	Ave		0.4340			53.0	*	30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68619/6	6246_006.D
Level 2	IC 200-68619/7	6246_007.D
Level 3	IC 200-68619/8	6246_008.D
Level 4	IC 200-68619/9	6246_009.D
Level 5	ICIS 200-68619/10	6246_010.D
Level 6	IC 200-68619/11	6246_011.D
Level 7	IC 200-68619/12	6246_012.D
Level 8	IC 200-68619/13	6246_013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 409939	9932 531626	18540 983061	151117	286297	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon 12	BCM	Ave	++++ 3230850	++++ 4181834	129063 7546057	1208772	2259292	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 1200735	++++ 1577162	48538 2888804	451729	855933	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon-114	BCM	Ave	++++ 2701745	41209 3501162	109804 6314979	1017902	1904928	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 598384	++++ 798173	25172 1479893	225318	420154	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 806246	++++ 1032909	33049 1901790	300548	559089	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2816 798226	12008 1041015	31954 1930472	292452	556751	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 487180	7398 627561	18097 1176646	178903	339253	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 1183604	17238 1556035	46205 2895032	433178	823346	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 335083	++++ 438854	13315 818413	120029	229705	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 507695	8799 668334	20397 1237978	184884	349976	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl bromide	BCM	Ave	++++ 1308520	18306 1723153	48611 3260069	467389	892749	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon 11	BCM	Ave	++++ 3643540	54407 4742944	143623 8775338	1336944	2520532	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 823688	++++ 1075523	31896 2001506	302081	566844	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 271826	++++ 539835	72194 1243817	136094	212163	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25

Calibration End Date: 02/20/2014 21:54

Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 415742	6143 549493	14683 1019836	148478	283148	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 201208	++++ 271982	++++ 519709	72770	137856	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon 113	BCM	Ave	++++ 2277520	34213 2991683	89704 5503611	840163	1583677	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 947756	15022 1261148	38323 2307432	352045	662295	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 862031	++++ 1221169	++++ 2063546	323029	795436	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 2648261	++++ 3166898	++++ 5940319	853634	1640891	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 750208	++++ 971316	++++ 1713889	285338	549210	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Allyl chloride	BCM	Ave	++++ 651073	++++ 862409	++++ 1618104	234040	450082	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 361566	++++ 481394	++++ 869306	131243	248568	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 710830	++++ 950923	++++ 1761297	266067	501054	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1333072	++++ 1773174	++++ 3104259	496490	960229	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 2330831	++++ 3075884	++++ 5761697	834114	1607772	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 1064193	15422 1386349	40916 2563803	392851	738091	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 404196	++++ 538419	++++ 1033037	140952	276821	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexane	BCM	Ave	++++ 868088	12921 1123675	32294 2110178	307913	589981	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	5256 1525580	21005 2007403	57010 3777110	554518	1043330	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1577514	++++ 2087444	++++ 3948444	552395	1081527	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 1323299	19187 1770187	50426 3280795	470673	906927	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 439441	++++ 570879	20463 1059095	153510	301345	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 70260	++++ 94118	++++ 176622	24618	49181	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 714991	++++ 939094	++++ 1745766	262302	499970	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 2921953	41579 3835335	114228 7116385	1075112	2032630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 1433887	21357 1884655	57411 3386982	533914	997051	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 3437517	49882 4503954	131103 8206833	1263234	2387389	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	++++ 4402582	13918 5780737	58162 10788406	1570962	3020168	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 3761203	60856 4914178	154653 8715559	1425155	2647780	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 4607690	67023 5926650	184696 10425438	1749112	3226416	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 1939265	28397 2553638	72082 4747119	709813	1342503	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Heptane	DFB	Ave	++++ 1630783	30950 2106255	65839 3727378	622697	1141680	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 698968	++++ 894348	++++ 1602361	245970	505897	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	++++ 2647845	9623 3463198	38256 6239533	102297	971312	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 1837625	++++ 2386362	70446 4309146	687104	1278379	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 1684416	++++ 2202970	49923 3921743	599107	1176380	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 881134	++++ 1099302	++++ 1709373	363088	680611	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 3253569	++++ 4291738	40138 7808407	108460	1115046	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 4802511	56366 6281735	161476 11414848	1716250	3300205	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 3238934	39968 4259880	110337 7786571	1150002	2221070	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 2941842	++++ 3837041	100890 6786028	1090848	2051108	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 4313082	64574 5619306	165800 10062727	1590379	2998194	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 2920702	44909 3722407	121271 6377605	1135415	2058389	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 3359685	39671 4446522	106208 8172557	1168774	2292877	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 2193082	30580 2837907	83539 5024630	811215	1529284	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619

SDG No.: 200-20955-1

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	14419 4717288	62640 6221845	164090 11257293	1627552	3202244	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 2816666	++++ 3644308	++++ 6517803	1005814	1928485	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 6248363	60743 8257492	182005 15043588	2125782	4251148	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 4686871	53293 6200376	151583 11168909	1632564	3217385	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 6544081	84135 8525443	232809 15274499	2316460	4481775	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 9224141	124570 11901776	338982 20917158	3378545	6427281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 3197055	46544 4051815	126136 6823424	1241178	2261097	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 7470362	102596 9585988	284857 16500183	2800392	5235134	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 3956763	53436 5089695	141475 8987903	1448848	2747243	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 5731100	55566 7581441	158543 13641554	1977497	3948082	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 6318722	50174 8318745	148133 14797457	2041252	4218739	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 10856447	145855 13989868	403696 23458205	4040344	7583518	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 5358285	72471 6815546	197660 11463767	2029661	3771098	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 3560001	++++ 4440353	138895 7193533	1391625	2544453	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 11208613	152735 14025147	422680 21799286	4335173	8017289	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 7203124	108483 8920326	305303 14316837	2966781	5276687	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 9049566	117145 11296239	349454 18568014	3601019	6545510	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 3118009	++++ 3720783	155046 5657115	1387088	2370339	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 9119021	120819 11650765	327327 19639345	3339306	6375396	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 4729427	37350 6171333	114920 11214255	1589678	3226946	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 9065846	125760 11610585	342819 19659345	3396541	6372646	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68619
 SDG No.: 200-20955-1
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 9030475	112524 11529355	306178 19055651	3275586	6282168	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 12841290	177526 16091123	489470 22732453	4896687	9070536	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 10785413	142104 13420123	395550 19892235	4107052	7647082	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 6148441	55435 7948502	159722 13818690	2012775	4178465	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 6246800	46861 8343313	136968 15149869	1864818	4104191	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 6590225	46409 9009188	134388 16568250	2060431	4404416	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 8898136	95595 11235803	281679 18457704	3250065	6233885	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 4109189	++++ 5038697	++++ 8063472	1613618	2967633	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 6455653	++++ 8506718	++++ 15220896	2068985	4306560	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 771526	++++ 974121	++++ 1062315	206208	440445	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 4105144	++++ 5549938	41123 9680944	973721	2578741	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachloro-1,3-butadiene	CBZ	Ave	++++ 3482315	++++ 4561824	70423 5860214	1077440	2199519	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 9951278	++++ 12509910	106015 21001143	2399063	6577845	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 4130531	++++ 5493601	6724 7183636	28868	959669	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:
 Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 20-Feb-2014 16:25:30 ALS Bottle#: 2 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-006
 Misc. Info.: IC-01
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:21 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:51:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	80	4315	0.1362	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	93	11812	0.0538	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	54	5383	0.0651	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.400	3.405	-0.005	78	10118	0.0538	
8 Chloromethane	50	3.539	3.539	0.0	67	3697	0.0887	
9 Butane	43	3.759	3.759	0.0	86	3957	0.0720	
10 Vinyl chloride	62	3.796	3.796	0.0	36	2816	0.0493	
11 Butadiene	54	3.876	3.882	-0.006	55	1908	0.0573	
12 Bromomethane	94	4.577	4.577	0.0	90	4477	0.0550	
14 Chloroethane	64	4.823	4.828	-0.005	27	1238	0.0546	
15 2-Methylbutane	43	4.919	4.925	-0.006	70	2204	0.0612	
16 Vinyl bromide	106	5.224	5.235	-0.011	65	4415	0.0500	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	67	9103	0.0363	
18 Pentane	43	5.513	5.508	0.005	78	3617	0.0650	
19 Ethanol	45	5.925	5.925	0.0	55	1103	0.0825	
21 Ethyl ether	59	6.059	6.043	0.016	71	1304	0.0465	
22 Acrolein	56	6.407	6.407	0.0	30	1566	0.1171	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	79	8641	0.0549	
24 1,1-Dichloroethene	96	6.508	6.503	0.005	37	2693	0.0404	
25 Acetone	43	6.733	6.722	0.011	82	23665	0.3847	
26 Carbon disulfide	76	6.888	6.888	0.0	85	8590	0.0526	
27 Isopropyl alcohol	45	7.059	7.038	0.021	45	2980	0.0600	
29 3-Chloro-1-propene	41	7.295	7.305	-0.010	66	2101	0.0477	
30 Acetonitrile	41	7.418	7.402	0.016	78	3253	0.1373	
31 Methylene Chloride	49	7.589	7.600	-0.011	76	3111	0.0629	
32 2-Methyl-2-propanol	59	7.867	7.840	0.027	36	2700	0.0306	
33 Methyl tert-butyl ether	73	8.070	8.044	0.026	55	8419	0.0537	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	52	3717	0.0511	
35 Acrylonitrile	53	8.172	8.188	-0.016	14	1046	0.0391	
36 Hexane	57	8.493	8.493	0.0	66	3139	0.0534	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	39	5256	0.0493	
	38	Vinyl acetate	43	9.049	9.044	0.005	97	4428	0.0430	
	39	cis-1,2-Dichloroethene	96	10.082	10.093	-0.011	61	5485	0.0607	
	40	2-Butanone (MEK)	72	10.141	10.141	0.0	95	3624	0.1187	
S	41	1,2-Dichloroethene, Total	61				0		0.1118	
	42	Ethyl acetate	88		10.216					
*	43	Chlorobromomethane	128	10.558	10.563	-0.005	68	700084	10.0	
	44	Tetrahydrofuran	42	10.606	10.579	0.027	60	2555	0.0539	
	45	Chloroform	83	10.713	10.708	0.005	56	4350	0.0217	
	46	Cyclohexane	84	10.997	10.997	0.0	38	2157	0.0217	
	47	1,1,1-Trichloroethane	97	10.997	11.007	-0.010	75	11495	0.0488	
	48	Carbon tetrachloride	117	11.259	11.275	-0.016	84	13918	0.0464	
	50	Benzene	78	11.740	11.746	-0.006	58	10046	0.0377	
	51	Isooctane	57	11.756	11.767	-0.011	89	16238	0.0511	
	52	1,2-Dichloroethane	62	11.912	11.917	-0.005	67	6501	0.0489	
	53	n-Heptane	43	12.168	12.179	-0.011	71	3667	0.0311	
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3988634	10.0	
	55	n-Butanol	56	13.051	13.019	0.032	64	3211	0.0705	
	56	Trichloroethene	95	13.115	13.115	0.0	75	9623	0.0510	M
A	57	GRO	1	13.297	4.915 - 21.679		0	2532141	0	
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	61	3436	0.0276	
	59	Methyl methacrylate	69		13.886					
	60	1,4-Dioxane	88	13.966	13.918	0.048	65	4612	0.0787	
	61	Dibromomethane	174	13.939	13.939	0.0	87	10147	0.0482	
	62	Dichlorobromomethane	83	14.244	14.249	-0.005	79	7475	0.0240	
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	2791782	9.55	
	64	cis-1,3-Dichloropropene	75	15.234	15.234	0.0	54	9411	0.0444	
	65	4-Methyl-2-pentanone (MIBK)	43	15.555	15.533	0.022	74	7838	0.0402	
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	55010	NC	
	66	Toluene	92	15.854	15.854	0.0	86	15948	0.0565	
A	68	C8 Range	1	15.967	15.917 - 16.017		0	43465	NC	
	69	n-Octane	43	15.956	15.967	-0.011	74	10258	0.0502	
	70	trans-1,3-Dichloropropene	75	16.437	16.443	-0.006	66	9201	0.0427	
	71	1,1,2-Trichloroethane	83	16.812	16.817	-0.005	84	6922	0.0490	
	72	Tetrachloroethene	166	16.967	16.967	0.0	87	14419	0.0475	M
	73	2-Hexanone	43	17.299	17.288	0.011	81	4141	0.0245	
	74	Chlorodibromomethane	129	17.582	17.588	-0.006	77	14016	0.0384	
	75	Ethylene Dibromide	107	17.871	17.866	0.005	85	7321	0.0257	
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	82	3851886	10.0	
	77	Chlorobenzene	112	18.855	18.850	0.005	3	19465	0.0476	
	78	Ethylbenzene	91	19.021	19.016	0.005	85	29407	0.0502	
	79	n-Nonane	57	19.176	19.182	-0.006	76	10756	0.0516	
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	99	24366	0.1017	
S	82	Xylenes, Total	106				0		0.1541	
	83	o-Xylene	106	20.102	20.102	0.0	77	13112	0.0524	
	84	Styrene	104	20.150	20.145	0.005	70	12395	0.0372	
	85	Bromoform	173	20.530	20.530	0.0	85	11162	0.0324	
	86	Isopropylbenzene	105	20.765	20.765	0.0	86	34116	0.0495	
\$	87	4-Bromofluorobenzene	95	21.108	21.108	0.0	98	1918455	NC	
	88	1,1,2,2-Tetrachloroethane	83	21.364	21.364	0.0	87	16998	0.0500	
	89	1,2,3-Trichloropropane	75	21.466	21.461	0.005	56	13027	0.0578	
	90	N-Propylbenzene	91	21.466	21.471	-0.005	96	34737	0.0489	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
91	4-Ethyltoluene	105	21.653	21.653	0.0	85	26640	0.0461
92	2-Chlorotoluene	91	21.659	21.653	0.006	80	24750	0.0515
93	n-Decane	57	21.664	21.669	-0.005	81	12420	0.0585
94	1,3,5-Trimethylbenzene	105	21.760	21.760	0.0	88	27081	0.0474
95	Alpha Methyl Styrene	118	22.108	22.113	-0.005	86	8009	0.0306
96	tert-Butylbenzene	119	22.242	22.242	0.0	83	29749	0.0512
97	1,2,4-Trimethylbenzene	105	22.333	22.333	0.0	90	25200	0.0455
98	sec-Butylbenzene	105	22.557	22.563	-0.006	96	41418	0.0513
99	4-Isopropyltoluene	119	22.761	22.761	0.0	89	32476	0.0484
100	1,3-Dichlorobenzene	146	22.782	22.777	0.005	80	12915	0.0376
101	1,4-Dichlorobenzene	146	22.916	22.910	0.006	87	11906	0.0357
102	Benzyl chloride	91	23.103	23.103	0.0	83	10599	0.0300
103	n-Butylbenzene	91	23.338	23.338	0.0	75	18833	0.0357
104	Undecane	57	23.381	23.381	0.0	59	4903	0.0198
105	1,2-Dichlorobenzene	146	23.451	23.451	0.0	87	12964	0.0340
106	Dodecane	57		25.008				
107	1,2,4-Trichlorobenzene	180	26.008	26.013	-0.005	1	1071	0.005265
108	Hexachlorobutadiene	225	26.222	26.227	-0.005	10	2299	0.0134
109	Naphthalene	128	26.505	26.500	0.005	1	1468	0.003027
110	1,2,3-Trichlorobenzene	180	26.971	26.987	-0.016	1	258	0.001543

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D

Injection Date: 20-Feb-2014 16:25:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

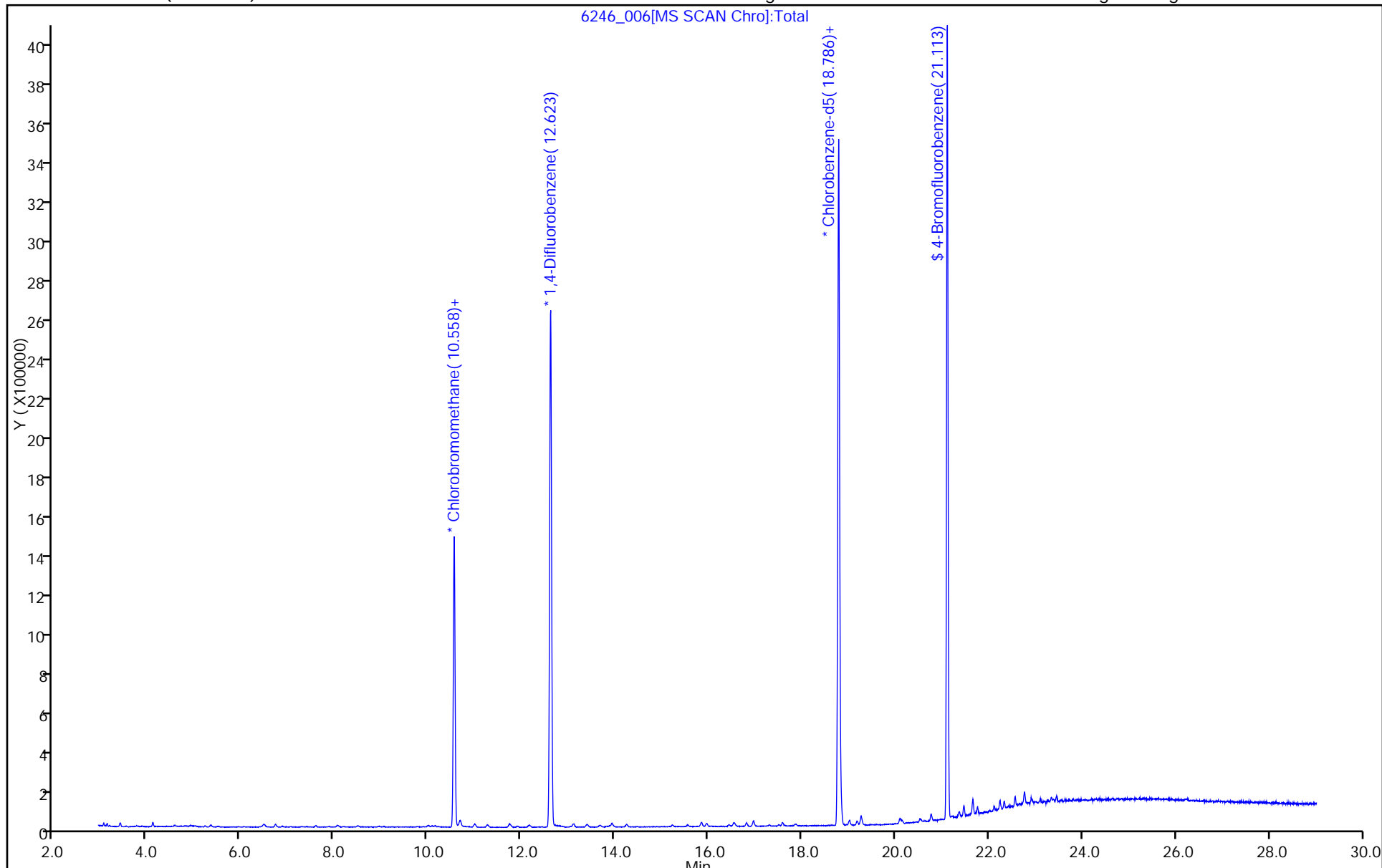
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



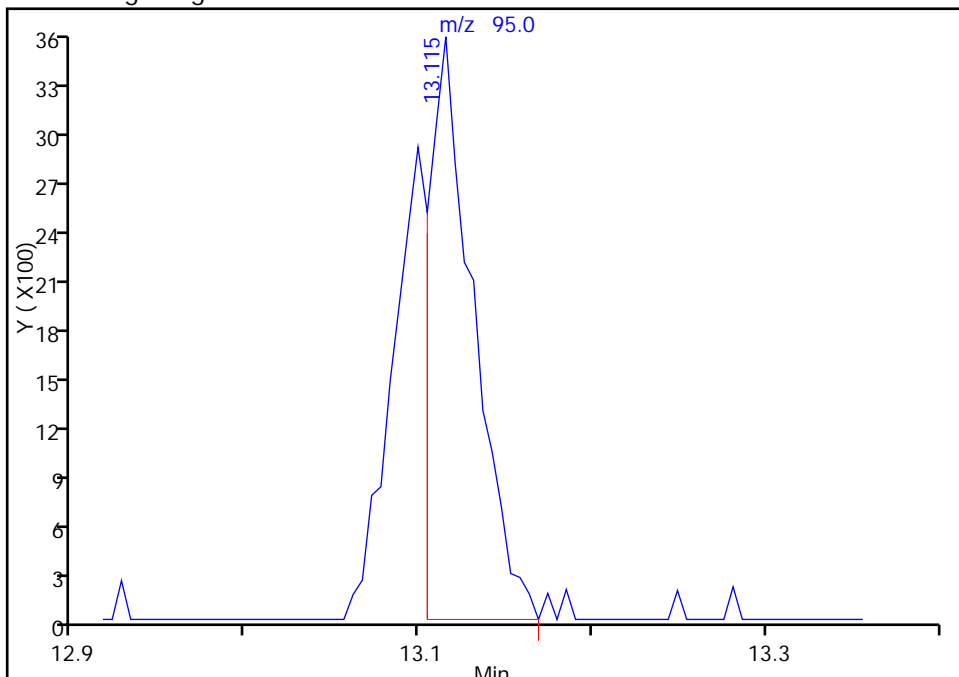
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
Injection Date: 20-Feb-2014 16:25:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

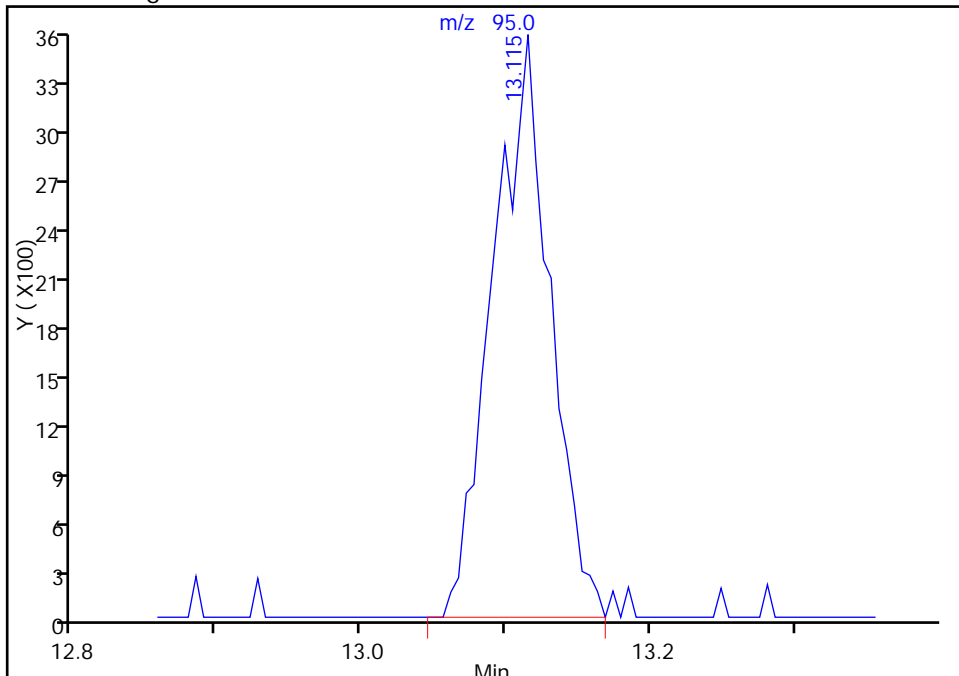
RT: 13.12
Response: 6257
Amount: 0.034312

Processing Integration Results



RT: 13.12
Response: 9623
Amount: 0.050994

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:51:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

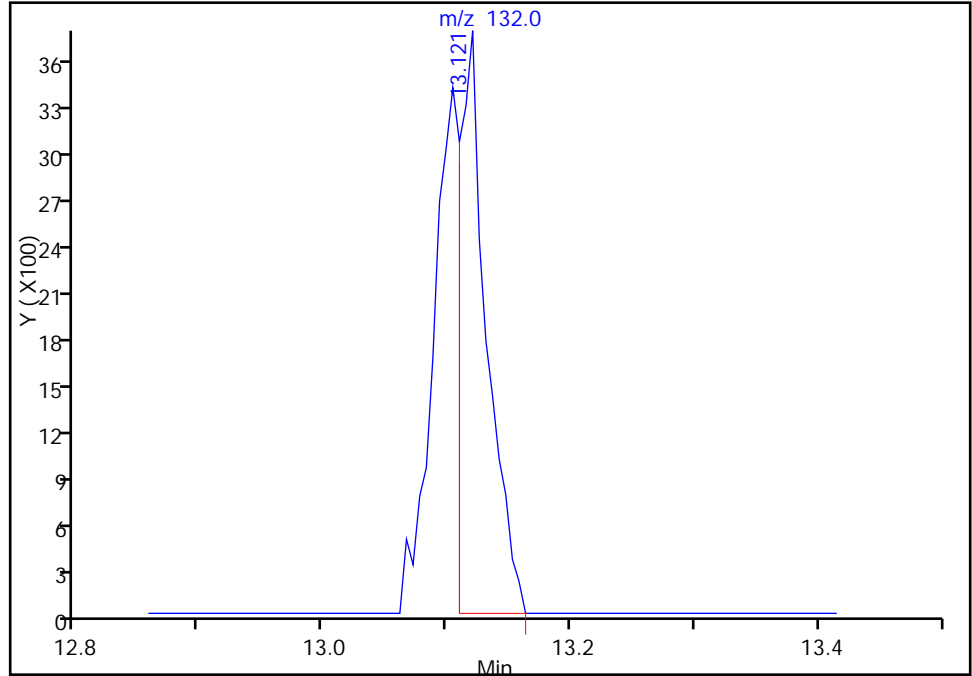
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
Injection Date: 20-Feb-2014 16:25:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

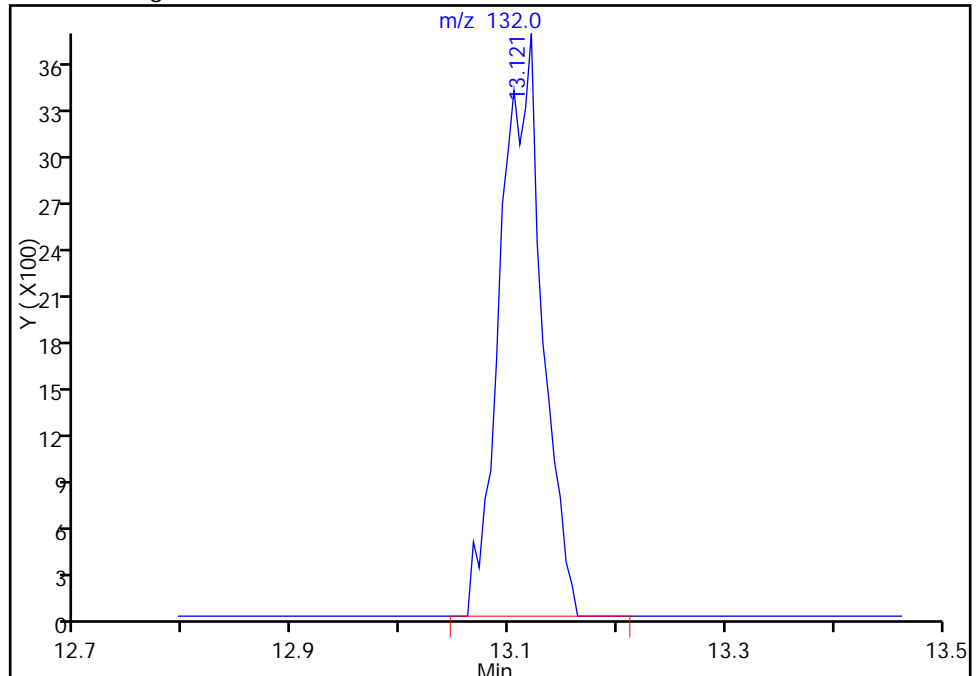
RT: 13.12
Response: 5730
Amount: 0.034312

Processing Integration Results



RT: 13.12
Response: 9937
Amount: 0.050994

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:51:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

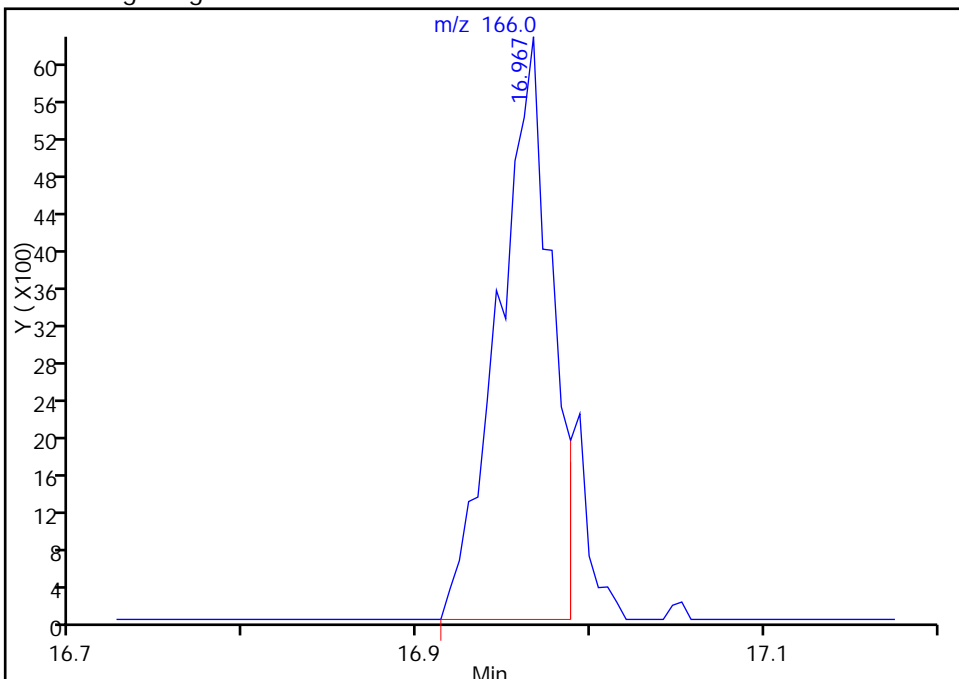
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
Injection Date: 20-Feb-2014 16:25:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

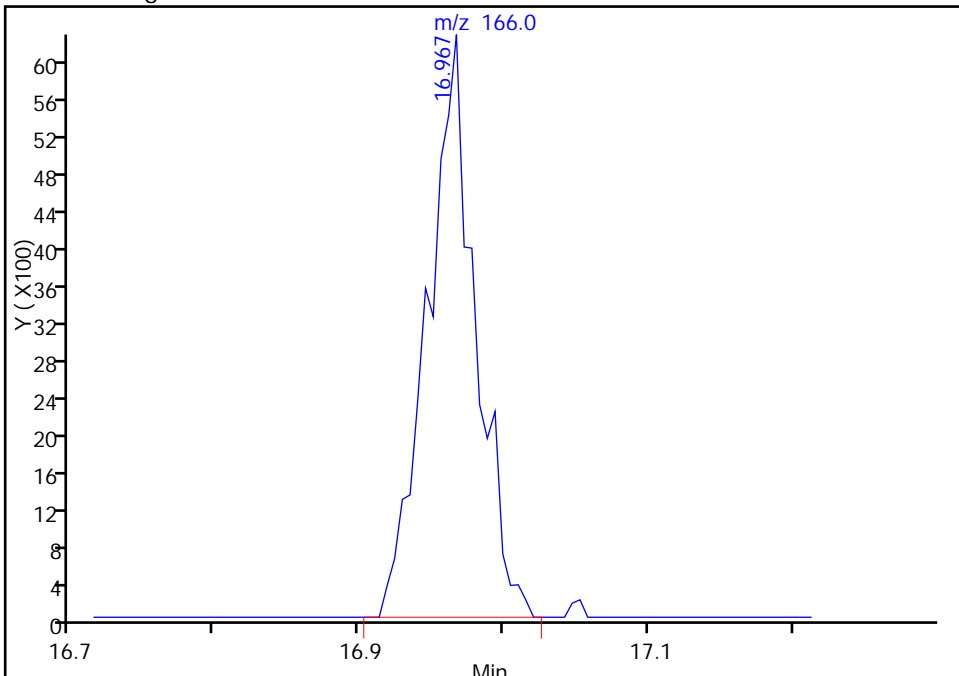
Processing Integration Results

RT: 16.97
Response: 13217
Amount: 0.043344



Manual Integration Results

RT: 16.97
Response: 14419
Amount: 0.047545



Reviewer: daiglep, 21-Feb-2014 11:51:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 20-Feb-2014 17:12:30 ALS Bottle#: 2 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-007
 Misc. Info.: IC-02
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:24 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:54:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	92	9932	0.3166	
2 Dichlorodifluoromethane	85	3.133	3.127	0.006	88	50004	0.2299	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	20456	0.2499	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.405	0.006	86	41209	0.2213	
8 Chloromethane	50	3.544	3.539	0.005	97	14138	0.3424	
9 Butane	43	3.758	3.759	-0.001	85	14005	0.2573	
10 Vinyl chloride	62	3.801	3.796	0.005	87	12008	0.2123	
11 Butadiene	54	3.887	3.882	0.005	87	7398	0.2243	
12 Bromomethane	94	4.582	4.577	0.005	92	17238	0.2140	
14 Chloroethane	64	4.834	4.828	0.006	75	5806	0.2585	
15 2-Methylbutane	43	4.930	4.925	0.005	86	8799	0.2469	
16 Vinyl bromide	106	5.230	5.235	-0.005	95	18306	0.2094	
17 Trichlorofluoromethane	101	5.347	5.353	-0.006	83	54407	0.2190	
18 Pentane	43	5.513	5.508	0.005	90	12952	0.2349	
19 Ethanol	45	5.930	5.925	0.005	89	10476	0.7911	
21 Ethyl ether	59	6.053	6.043	0.010	85	6143	0.2214	
22 Acrolein	56	6.417	6.407	0.010	61	5918	0.4470	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	93	34213	0.2195	
24 1,1-Dichloroethene	96	6.498	6.503	-0.005	94	15022	0.2276	
25 Acetone	43	6.733	6.722	0.011	85	95518	1.57	
26 Carbon disulfide	76	6.883	6.888	-0.005	97	34872	0.2158	
27 Isopropyl alcohol	45	7.059	7.038	0.021	88	11154	0.2270	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	72	9237	0.2119	
30 Acetonitrile	41	7.412	7.402	0.010	94	10631	0.4533	
31 Methylene Chloride	49	7.594	7.600	-0.006	82	13559	0.2767	
32 2-Methyl-2-propanol	59	7.856	7.840	0.016	95	16853	0.1930	
33 Methyl tert-butyl ether	73	8.054	8.044	0.010	94	31992	0.2063	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	76	15422	0.2141	
35 Acrylonitrile	53	8.188	8.188	0.0	89	5479	0.2069	M
36 Hexane	57	8.498	8.493	0.005	84	12921	0.2221	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	86	21005	0.1991
	38	Vinyl acetate	43	9.049	9.044	0.005	97	18614	0.1824
	39	cis-1,2-Dichloroethene	96	10.082	10.093	-0.011	85	19187	0.2146
	40	2-Butanone (MEK)	72	10.135	10.141	-0.006	98	13976	0.4624
S	41	1,2-Dichloroethene, Total	61				0		0.4287
	42	Ethyl acetate	88	10.221	10.216	0.005	93	785	0.1714
*	43	Chlorobromomethane	128	10.558	10.563	-0.005	68	693189	10.0
	44	Tetrahydrofuran	42	10.595	10.579	0.016	76	10206	0.2168
	45	Chloroform	83	10.702	10.708	-0.006	96	41579	0.2098
	46	Cyclohexane	84	10.991	10.997	-0.006	63	21357	0.2162
	47	1,1,1-Trichloroethane	97	11.002	11.007	-0.005	88	49882	0.2134
	48	Carbon tetrachloride	117	11.269	11.275	-0.006	94	58162	0.1952
	50	Benzene	78	11.740	11.746	-0.006	93	60856	0.2304
	51	Isooctane	57	11.767	11.767	0.0	98	67023	0.2126
	52	1,2-Dichloroethane	62	11.906	11.917	-0.011	94	28397	0.2154
	53	n-Heptane	43	12.174	12.179	-0.005	90	30950	0.2642
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3958523	10.0
	55	n-Butanol	56	13.040	13.019	0.021	88	12159	0.2690
	56	Trichloroethene	95	13.115	13.115	0.0	92	38256	0.2043
A	57	GRO	1	13.297	4.915 - 21.679		0	10167753	0
	58	1,2-Dichloropropane	63	13.677	13.682	-0.005	90	25800	0.2086
	59	Methyl methacrylate	69	13.880	13.886	-0.006	66	17395	0.1618
	60	1,4-Dioxane	88	13.934	13.918	0.016	40	16244	0.2792
	61	Dibromomethane	174	13.934	13.939	-0.005	93	40138	0.1919
	62	Dichlorobromomethane	83	14.255	14.249	0.006	96	56366	0.1826
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	13401158	46.2
	64	cis-1,3-Dichloropropene	75	15.228	15.234	-0.006	86	39968	0.1901
	65	4-Methyl-2-pentanone (MIBK)	43	15.549	15.533	0.016	92	36730	0.1898
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	233032	NC
	66	Toluene	92	15.849	15.854	-0.005	94	64574	0.2319
A	68	C8 Range	1	15.961	15.917 - 16.017		0	182688	NC
	69	n-Octane	43	15.966	15.967	-0.001	84	44909	0.2216
	70	trans-1,3-Dichloropropene	75	16.443	16.443	0.0	89	39671	0.1853
	71	1,1,2-Trichloroethane	83	16.812	16.817	-0.005	93	30580	0.2192
	72	Tetrachloroethene	166	16.962	16.967	-0.005	97	62640	0.2093
	73	2-Hexanone	43	17.304	17.288	0.016	90	31351	0.1880
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	95	60743	0.1687
	75	Ethylene Dibromide	107	17.866	17.866	0.0	94	53293	0.1898
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	81	3801451	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	44	84135	0.2083
	78	Ethylbenzene	91	19.010	19.016	-0.006	96	124570	0.2153
	79	n-Nonane	57	19.187	19.182	0.005	83	46544	0.2261
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	99	102596	0.4338
S	82	Xylenes, Total	106				0		0.6503
	83	o-Xylene	106	20.091	20.102	-0.011	81	53436	0.2165
	84	Styrene	104	20.139	20.145	-0.006	96	55566	0.1691
	85	Bromoform	173	20.530	20.530	0.0	96	50174	0.1474
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	145855	0.2146
\$	87	4-Bromofluorobenzene	95	21.108	21.108	0.0	98	1925154	NC
	88	1,1,1,2-Tetrachloroethane	83	21.370	21.364	0.006	94	72471	0.2158
	89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	67	50614	0.2275
	90	N-Propylbenzene	91	21.466	21.471	-0.005	98	152735	0.2177

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	88	117145	0.2052
92	2-Chlorotoluene		91	21.653	21.653	0.0	90	108483	0.2286
93	n-Decane		57	21.669	21.669	0.0	84	55850	0.2666
94	1,3,5-Trimethylbenzene		105	21.755	21.760	-0.005	92	120819	0.2141
95	Alpha Methyl Styrene		118	22.108	22.113	-0.005	92	37350	0.1445
96	tert-Butylbenzene		119	22.236	22.242	-0.006	93	125760	0.2195
97	1,2,4-Trimethylbenzene		105	22.327	22.333	-0.006	93	112524	0.2060
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	177526	0.2229
99	4-Isopropyltoluene		119	22.761	22.761	0.0	95	142104	0.2147
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	97	55435	0.1634
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	95	46861	0.1423
102	Benzyl chloride		91	23.103	23.103	0.0	95	46409	0.1329
103	n-Butylbenzene		91	23.338	23.338	0.0	93	95595	0.1835
104	Undecane		57	23.381	23.381	0.0	88	43734	0.1791
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	95	58851	0.1564
106	Dodecane		57		25.008				
107	1,2,4-Trichlorobenzene		180	26.008	26.013	-0.005	60	12394	0.0617
108	Hexachlorobutadiene		225	26.227	26.227	0.0	87	21199	0.1251
109	Naphthalene		128	26.505	26.500	0.005	89	27183	0.0568
110	1,2,3-Trichlorobenzene		180	27.003	26.987	0.016	16	6724	0.0408

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D

Injection Date: 20-Feb-2014 17:12:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

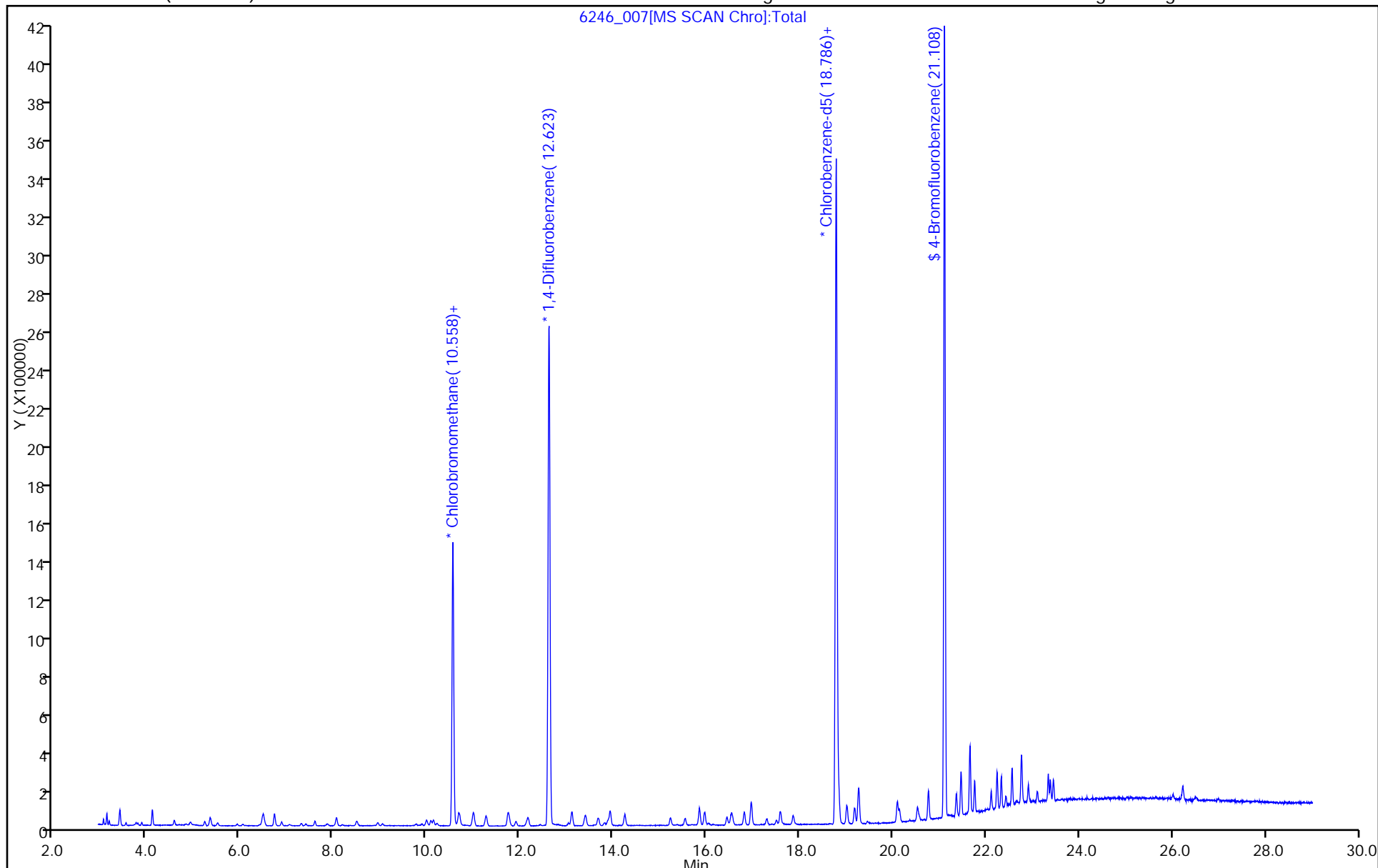
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



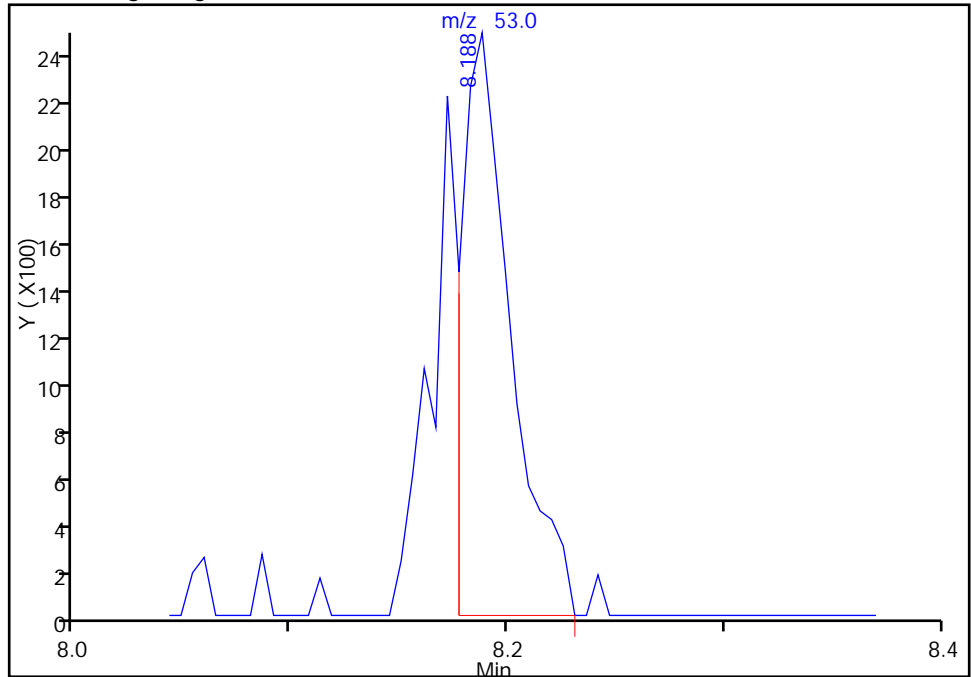
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D
Injection Date: 20-Feb-2014 17:12:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

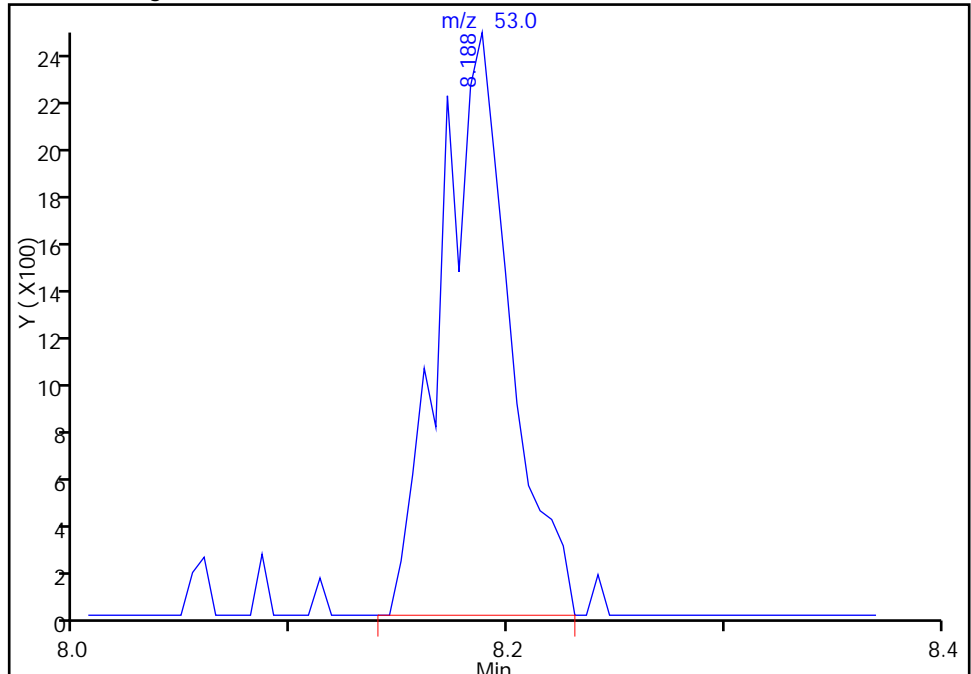
RT: 8.19
Response: 3915
Amount: 0.147855

Processing Integration Results



RT: 8.19
Response: 5479
Amount: 0.206921

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:54:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

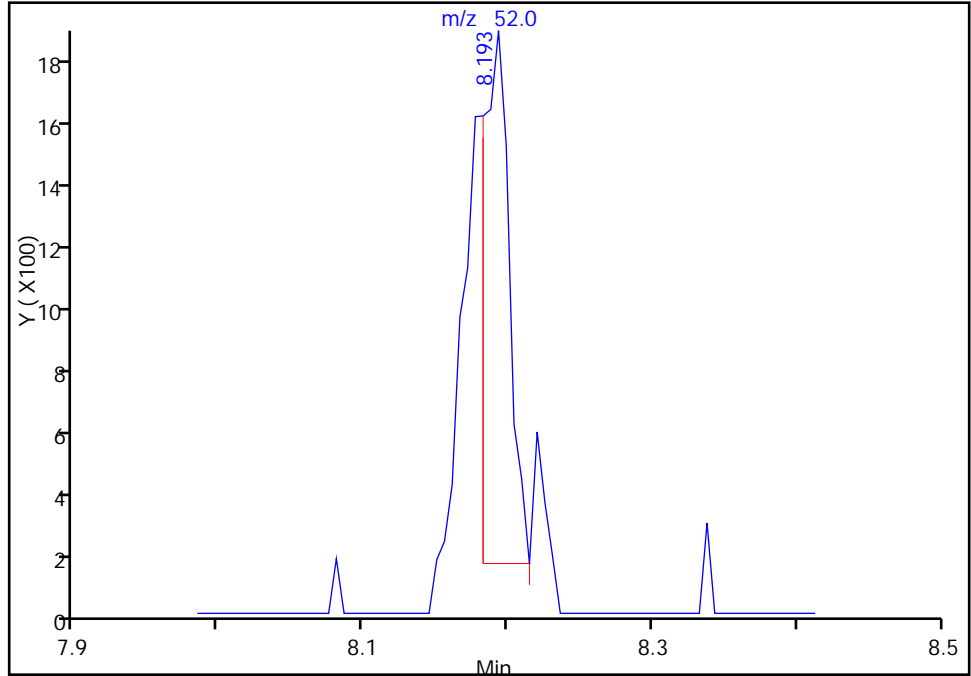
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D
Injection Date: 20-Feb-2014 17:12:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

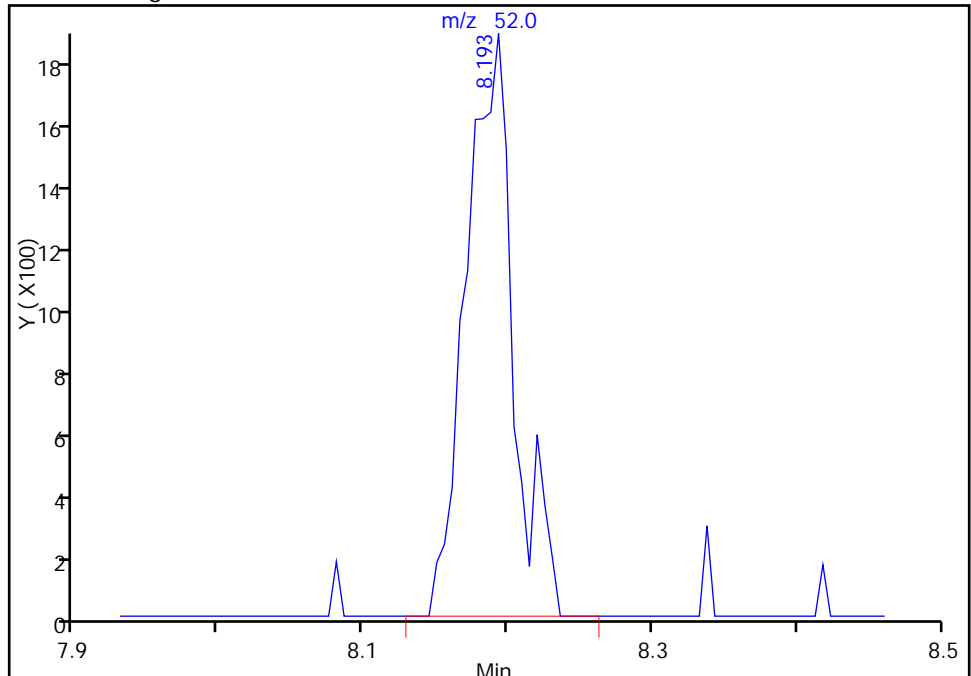
RT: 8.19
Response: 2101
Amount: 0.147855

Processing Integration Results



RT: 8.19
Response: 4216
Amount: 0.206921

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:54:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_008.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 20-Feb-2014 17:59:30 ALS Bottle#: 3 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-008
 Misc. Info.: IC-03
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:27 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:55:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	92	18540	0.5889	
2 Dichlorodifluoromethane	85	3.132	3.127	0.005	88	129063	0.5913	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	93	48538	0.5907	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	88	109804	0.5874	
8 Chloromethane	50	3.539	3.539	0.0	97	25172	0.6075	
9 Butane	43	3.764	3.759	0.005	97	33049	0.6051	
10 Vinyl chloride	62	3.796	3.796	0.0	97	31954	0.5629	
11 Butadiene	54	3.881	3.882	-0.001	92	18097	0.5466	
12 Bromomethane	94	4.582	4.577	0.005	96	46205	0.5717	
14 Chloroethane	64	4.828	4.828	0.0	95	13315	0.5907	
15 2-Methylbutane	43	4.919	4.925	-0.006	85	20397	0.5704	
16 Vinyl bromide	106	5.235	5.235	0.0	95	48611	0.5539	
17 Trichlorofluoromethane	101	5.347	5.353	-0.006	95	143623	0.5761	
18 Pentane	43	5.508	5.508	0.0	96	31896	0.5764	
19 Ethanol	45	5.925	5.925	0.0	95	72194	5.43	
21 Ethyl ether	59	6.048	6.043	0.005	96	14683	0.5272	
22 Acrolein	56	6.406	6.407	-0.001	75	8258	0.6214	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.481	6.476	0.005	95	89704	0.5734	
24 1,1-Dichloroethene	96	6.497	6.503	-0.006	92	38323	0.5786	
25 Acetone	43	6.733	6.722	0.011	85	81985	1.34	
26 Carbon disulfide	76	6.888	6.888	0.0	98	89006	0.5487	
27 Isopropyl alcohol	45	7.048	7.038	0.010	96	26485	0.5369	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	79	23682	0.5412	
30 Acetonitrile	41	7.396	7.402	-0.006	96	16130	0.6853	
31 Methylene Chloride	49	7.594	7.600	-0.006	80	29735	0.6046	
32 2-Methyl-2-propanol	59	7.846	7.840	0.006	97	44674	0.5097	
33 Methyl tert-butyl ether	73	8.049	8.044	0.005	94	85180	0.5472	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	86	40916	0.5660	
35 Acrylonitrile	53	8.177	8.188	-0.011	91	13855	0.5214	
36 Hexane	57	8.488	8.493	-0.005	88	32294	0.5531	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
37	1,1-Dichloroethane	63	8.942	8.948	-0.006	97	57010	0.5384
38	Vinyl acetate	43	9.044	9.044	0.0	99	52203	0.5096
39	cis-1,2-Dichloroethene	96	10.087	10.093	-0.006	85	50426	0.5620
40	2-Butanone (MEK)	72	10.135	10.141	-0.006	99	20463	0.6745
S 41	1,2-Dichloroethene, Total	61				0		1.13
42	Ethyl acetate	88	10.221	10.216	0.005	96	2503	0.5445
* 43	Chlorobromomethane	128	10.558	10.563	-0.005	69	695710	10.0
44	Tetrahydrofuran	42	10.585	10.579	0.006	49	26382	0.5601
45	Chloroform	83	10.702	10.708	-0.006	99	114228	0.5743
46	Cyclohexane	84	11.002	10.997	0.005	63	57411	0.5808
47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	93	131103	0.5606
48	Carbon tetrachloride	117	11.269	11.275	-0.006	97	156994	0.5265
50	Benzene	78	11.740	11.746	-0.006	95	154653	0.5852
51	Isooctane	57	11.751	11.767	-0.016	97	184696	0.5857
52	1,2-Dichloroethane	62	11.911	11.917	-0.006	99	72082	0.5463
53	n-Heptane	43	12.173	12.179	-0.006	84	65839	0.5618
* 54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3960662	10.0
55	n-Butanol	56	13.040	13.019	0.021	83	22919	0.5067
56	Trichloroethene	95	13.110	13.115	-0.005	96	102297	0.5459
A 57	GRO	1	13.297	4.915 - 21.679		0	24747907	0
58	1,2-Dichloropropane	63	13.677	13.682	-0.005	90	70446	0.5693
59	Methyl methacrylate	69	13.891	13.886	0.005	79	49923	0.4640
60	1,4-Dioxane	88	13.928	13.918	0.010	42	34891	0.5994
61	Dibromomethane	174	13.939	13.939	0.0	94	108460	0.5183
62	Dichlorobromomethane	83	14.254	14.249	0.005	97	161476	0.5227
A 63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	35400867	122.0
64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	110337	0.5246
65	4-Methyl-2-pentanone (MIBK)	43	15.544	15.533	0.011	93	100890	0.5212
66	Toluene	92	15.854	15.854	0.0	93	165800	0.5846
69	n-Octane	43	15.961	15.967	-0.006	85	121271	0.5981
70	trans-1,3-Dichloropropene	75	16.437	16.443	-0.006	92	106208	0.4958
71	1,1,2-Trichloroethane	83	16.812	16.817	-0.005	95	83539	0.5880
72	Tetrachloroethene	166	16.961	16.967	-0.006	97	164090	0.5383
73	2-Hexanone	43	17.293	17.288	0.005	91	82281	0.4845
74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	182005	0.4964
75	Ethylene Dibromide	107	17.860	17.866	-0.006	100	151583	0.5300
* 76	Chlorobenzene-d5	117	18.786	18.786	0.0	82	3871506	10.0
77	Chlorobenzene	112	18.845	18.850	-0.005	76	232809	0.5659
78	Ethylbenzene	91	19.016	19.016	0.0	97	338982	0.5754
79	n-Nonane	57	19.187	19.182	0.005	84	126136	0.6017
80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	100	284857	1.18
S 82	Xylenes, Total	106				0		1.75
83	o-Xylene	106	20.102	20.102	0.0	95	141475	0.5627
84	Styrene	104	20.145	20.145	-0.001	97	158543	0.4737
85	Bromoform	173	20.530	20.530	0.0	97	148133	0.4272
86	Isopropylbenzene	105	20.765	20.765	0.0	94	403696	0.5831
\$ 87	4-Bromofluorobenzene	95	21.107	21.108	-0.001	99	2023918	NC
88	1,1,1,2-Tetrachloroethane	83	21.364	21.364	0.0	96	197660	0.5780
89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	96	138895	0.6131
90	N-Propylbenzene	91	21.471	21.471	0.0	99	422680	0.5917
91	4-Ethyltoluene	105	21.653	21.653	0.0	89	349454	0.6011
92	2-Chlorotoluene	91	21.653	21.653	0.0	89	305303	0.6318

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.664	21.669	-0.005	84	155046	0.7266
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	327327	0.5696
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	93	114920	0.4365
96	tert-Butylbenzene		119	22.236	22.242	-0.006	89	342819	0.5875
97	1,2,4-Trimethylbenzene		105	22.327	22.333	-0.006	96	306178	0.5505
98	sec-Butylbenzene		105	22.557	22.563	-0.006	99	489470	0.6034
99	4-Isopropyltoluene		119	22.761	22.761	0.0	94	395550	0.5869
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	159722	0.4623
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	136968	0.4083
102	Benzyl chloride		91	23.103	23.103	0.0	99	134388	0.3779
103	n-Butylbenzene		91	23.338	23.338	0.0	90	281679	0.5309
104	Undecane		57	23.381	23.381	0.0	92	138066	0.5552
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	98	168371	0.4393
106	Dodecane		57		25.008				
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	90	41123	0.2011
108	Hexachlorobutadiene		225	26.222	26.227	-0.005	88	70423	0.4080
109	Naphthalene		128	26.505	26.500	0.005	98	106015	0.2175
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	87	28868	0.1718

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_008.D

Injection Date: 20-Feb-2014 17:59:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

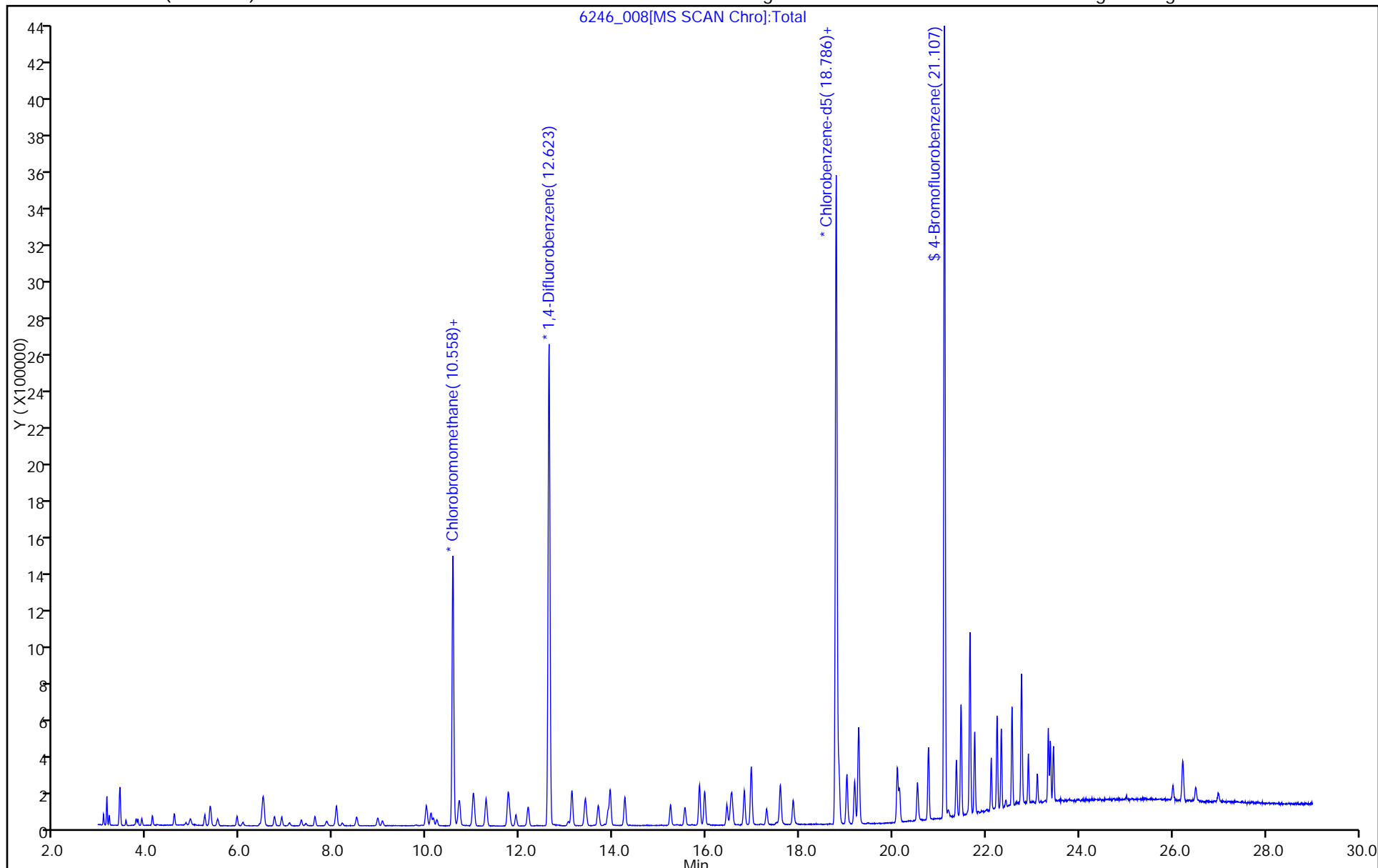
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_009.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 20-Feb-2014 18:46:30 ALS Bottle#: 4 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-009
 Misc. Info.: IC-04
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:30 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:56:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	151117	4.85	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	1208772	5.60	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	451729	5.55	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	1017902	5.50	
8 Chloromethane	50	3.539	3.539	0.0	99	225318	5.49	
9 Butane	43	3.758	3.759	-0.001	97	300548	5.56	
10 Vinyl chloride	62	3.796	3.796	0.0	97	292452	5.20	
11 Butadiene	54	3.881	3.882	-0.001	93	178903	5.46	
12 Bromomethane	94	4.577	4.577	0.0	98	433178	5.41	
14 Chloroethane	64	4.828	4.828	0.0	99	120029	5.38	
15 2-Methylbutane	43	4.919	4.925	-0.006	86	184884	5.22	
16 Vinyl bromide	106	5.229	5.235	-0.006	97	467389	5.38	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	1336944	5.42	
18 Pentane	43	5.508	5.508	0.0	93	302081	5.52	
19 Ethanol	45	5.920	5.925	-0.005	96	136094	10.3	
21 Ethyl ether	59	6.043	6.043	0.0	95	148478	5.39	
22 Acrolein	56	6.401	6.407	-0.006	97	72770	5.53	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.481	6.476	0.005	95	840163	5.43	
24 1,1-Dichloroethene	96	6.497	6.503	-0.006	92	352045	5.37	
25 Acetone	43	6.722	6.722	0.0	86	323029	5.34	
26 Carbon disulfide	76	6.883	6.888	-0.005	98	853634	5.32	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	285338	5.84	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	234040	5.40	
30 Acetonitrile	41	7.401	7.402	-0.001	97	131243	5.63	
31 Methylene Chloride	49	7.599	7.600	-0.001	83	266067	5.47	
32 2-Methyl-2-propanol	59	7.835	7.840	-0.005	98	496490	5.72	
33 Methyl tert-butyl ether	73	8.043	8.044	-0.001	94	834114	5.41	
34 trans-1,2-Dichloroethene	61	8.059	8.060	-0.001	87	392851	5.49	
35 Acrylonitrile	53	8.188	8.188	0.0	93	140952	5.36	
36 Hexane	57	8.493	8.493	0.0	91	307913	5.33	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.942	8.948	-0.006	99	554518	5.29
	38	Vinyl acetate	43	9.044	9.044	0.0	99	552395	5.45
	39	cis-1,2-Dichloroethene	96	10.087	10.093	-0.006	92	470673	5.30
	40	2-Butanone (MEK)	72	10.141	10.141	-0.001	98	153510	5.11
S	41	1,2-Dichloroethene, Total	61				0		10.8
	42	Ethyl acetate	88	10.215	10.216	-0.001	98	24618	5.41
*	43	Chlorobromomethane	128	10.563	10.563	0.0	68	688650	10.0
	44	Tetrahydrofuran	42	10.585	10.579	0.006	84	262302	5.59
	45	Chloroform	83	10.708	10.708	0.0	99	1075112	5.46
	46	Cyclohexane	84	10.991	10.997	-0.006	84	533914	5.43
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	93	1263234	5.43
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	1570962	5.29
	50	Benzene	78	11.745	11.746	-0.001	94	1425155	5.42
	51	Isooctane	57	11.761	11.767	-0.006	98	1749112	5.57
	52	1,2-Dichloroethane	62	11.917	11.917	0.0	99	709813	5.40
	53	n-Heptane	43	12.173	12.179	-0.006	86	622697	5.34
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3942454	10.0
	55	n-Butanol	56	13.019	13.019	0.0	85	245970	5.46
	56	Trichloroethene	95	13.110	13.115	-0.005	95	971312	5.21
A	57	GRO	1	13.297	4.915 - 21.679		0	230917399	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	92	687104	5.58
	59	Methyl methacrylate	69	13.885	13.886	-0.001	80	599107	5.59
	60	1,4-Dioxane	88	13.923	13.918	0.005	85	363088	6.27
	61	Dibromomethane	174	13.939	13.939	0.0	94	1115046	5.35
	62	Dichlorobromomethane	83	14.249	14.249	0.0	98	1716250	5.58
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	360433426	1247.9
	64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	1150002	5.49
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	93	1090848	5.66
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	5763228	NC
	66	Toluene	92	15.854	15.854	0.0	94	1590379	5.37
A	68	C8 Range	1	15.967	15.917 - 16.017		0	4948147	NC
	69	n-Octane	43	15.961	15.967	-0.006	87	1135415	5.63
	70	trans-1,3-Dichloropropene	75	16.442	16.443	-0.001	93	1168774	5.48
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	95	811215	5.47
	72	Tetrachloroethene	166	16.961	16.967	-0.006	97	1627552	5.11
	73	2-Hexanone	43	17.288	17.288	0.0	93	1005814	5.67
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	2125782	5.55
	75	Ethylene Dibromide	107	17.865	17.866	-0.001	99	1632564	5.47
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	82	4041821	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	98	2316460	5.39
	78	Ethylbenzene	91	19.016	19.016	0.0	97	3378545	5.49
	79	n-Nonane	57	19.182	19.182	0.0	83	1241178	5.67
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	99	2800392	11.1
S	82	Xylenes, Total	106				0		16.7
	83	o-Xylene	106	20.102	20.102	0.0	95	1448848	5.52
	84	Styrene	104	20.144	20.145	-0.001	97	1977497	5.66
	85	Bromoform	173	20.530	20.530	0.0	98	2041252	5.64
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	4040344	5.59
\$	87	4-Bromofluorobenzene	95	21.107	21.108	-0.001	98	2372950	NC
	88	1,1,2,2-Tetrachloroethane	83	21.364	21.364	0.0	98	2029661	5.68
	89	1,2,3-Trichloropropane	75	21.460	21.461	-0.001	97	1391625	5.88
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	4335173	5.81

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	89	3601019	5.93
92	2-Chlorotoluene		91	21.653	21.653	0.0	88	2966781	5.88
93	n-Decane		57	21.669	21.669	0.0	83	1387088	6.23
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	3339306	5.57
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	1589678	5.78
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	3396541	5.58
97	1,2,4-Trimethylbenzene		105	22.332	22.333	-0.001	96	3275586	5.64
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	4896687	5.78
99	4-Isopropyltoluene		119	22.760	22.761	-0.001	95	4107052	5.84
100	1,3-Dichlorobenzene		146	22.777	22.777	-0.001	98	2012775	5.58
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	1864818	5.32
102	Benzyl chloride		91	23.103	23.103	0.0	100	2060431	5.55
103	n-Butylbenzene		91	23.338	23.338	0.0	90	3250065	5.87
104	Undecane		57	23.381	23.381	0.0	91	1613618	6.22
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	98	2068985	5.17
106	Dodecane		57	25.007	25.008	-0.001	92	206208	5.06
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	94	973721	4.56
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	1077440	5.98
109	Naphthalene		128	26.505	26.500	0.005	99	2399063	4.71
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	96	959669	5.47

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_009.D

Injection Date: 20-Feb-2014 18:46:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

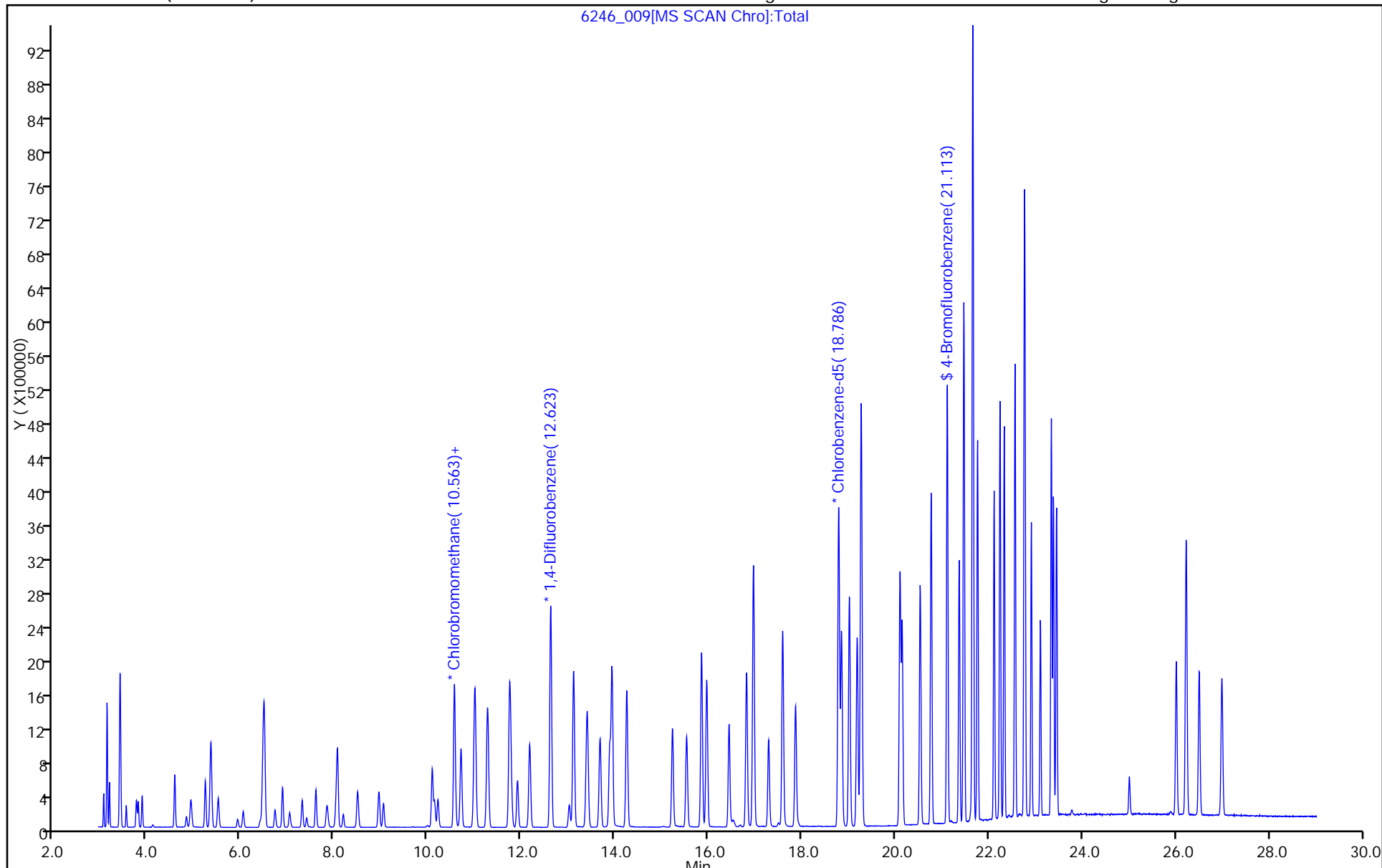
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_010.D
 Lims ID: ICIS Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 20-Feb-2014 19:33:30 ALS Bottle#: 5 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-010
 Misc. Info.: IC-05
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:43:55 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	98	286297	8.84	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	2259292	10.1	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	82	855933	10.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	1904928	9.91	
8 Chloromethane	50	3.539	3.539	0.0	99	420154	9.86	
9 Butane	43	3.759	3.759	0.0	97	559089	9.95	
10 Vinyl chloride	62	3.796	3.796	0.0	98	556751	9.54	
11 Butadiene	54	3.882	3.882	0.0	92	339253	9.97	
12 Bromomethane	94	4.577	4.577	0.0	99	823346	9.91	
14 Chloroethane	64	4.828	4.828	0.0	99	229705	9.91	
15 2-Methylbutane	43	4.925	4.925	0.0	87	349976	9.52	
16 Vinyl bromide	106	5.235	5.235	0.0	97	892749	9.89	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	2520532	9.83	
18 Pentane	43	5.508	5.508	0.0	93	566844	9.96	
19 Ethanol	45	5.925	5.925	0.0	95	212163	15.5	
21 Ethyl ether	59	6.043	6.043	0.0	94	283148	9.89	
22 Acrolein	56	6.407	6.407	0.0	95	137856	10.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.476	6.476	0.0	94	1583677	9.85	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	92	662295	9.73	
25 Acetone	43	6.722	6.722	0.0	86	795436	12.7	
26 Carbon disulfide	76	6.888	6.888	0.0	98	1640891	9.84	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	549210	10.8	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	450082	10.0	
30 Acetonitrile	41	7.402	7.402	0.0	97	248568	10.3	
31 Methylene Chloride	49	7.600	7.600	0.0	81	501054	9.91	
32 2-Methyl-2-propanol	59	7.840	7.840	0.0	98	960229	10.7	
33 Methyl tert-butyl ether	73	8.044	8.044	0.0	93	1607772	10.0	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	88	738091	9.93	
35 Acrylonitrile	53	8.188	8.188	0.0	94	276821	10.1	
36 Hexane	57	8.493	8.493	0.0	91	589981	9.83	
37 1,1-Dichloroethane	63	8.948	8.948	0.0	99	1043330	9.58	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.044	9.044	0.0	99	1081527	10.3
	39			10.093	10.093	0.0	91	906927	9.83
	40			10.141	10.141	0.0	95	301345	9.66
S	41						0		19.8
	42			10.216	10.216	0.0	90	49181	10.4
*	43			10.563	10.563	0.0	67	715346	10.0
	44			10.579	10.579	0.0	85	499970	10.4
	45			10.708	10.708	0.0	99	2032630	9.94
	46			10.997	10.997	0.0	60	997051	9.89
	47			11.007	11.007	0.0	93	2387389	10.0
	48			11.275	11.275	0.0	96	3020168	9.93
	50			11.746	11.746	0.0	94	2647780	9.82
	51			11.767	11.767	0.0	98	3226416	10.0
	52			11.917	11.917	0.0	99	1342503	9.97
	53			12.179	12.179	0.0	85	1141680	9.55
*	54			12.628	12.628	0.0	91	4040627	10.0
	55			13.019	13.019	0.0	85	505897	11.0
	56			13.115	13.115	0.0	93	1844608	9.65
A	57			13.297	4.915 - 21.679		0	435114122	0
	58			13.682	13.682	0.0	91	1278379	10.1
	59			13.886	13.886	0.0	79	1176380	10.7
	60			13.918	13.918	0.0	59	680611	11.5
	61			13.939	13.939	0.0	92	2215033	10.4
	62			14.249	14.249	0.0	97	3300205	10.5
A	63			15.022	3.048 - 26.997		0	694831478	2347.3
	64			15.234	15.234	0.0	87	2221070	10.4
	65			15.533	15.533	0.0	93	2051108	10.4
	66			15.854	15.854	0.0	92	2998194	9.76
	69			15.967	15.967	0.0	84	2058389	9.95
	70			16.443	16.443	0.0	93	2292877	10.5
	71			16.817	16.817	0.0	95	1529284	9.94
	72			16.967	16.967	0.0	97	3202244	9.70
	73			17.288	17.288	0.0	93	1928485	10.5
	74			17.588	17.588	0.0	97	4251148	10.7
	75			17.866	17.866	0.0	99	3217385	10.4
*	76			18.786	18.786	0.0	81	4191149	10.0
	77			18.850	18.850	0.0	93	4481775	10.1
	78			19.016	19.016	0.0	96	6427281	10.1
	79			19.182	19.182	0.0	82	2261097	9.96
	80			19.273	19.273	0.0	99	5235134	20.1
S	82						0		30.2
	83			20.102	20.102	0.0	95	2747243	10.1
	84			20.145	20.145	0.0	98	3948082	10.9
	85			20.530	20.530	0.0	98	4218739	11.2
	86			20.765	20.765	0.0	94	7583518	10.1
\$	87			21.108	21.108	0.0	98	2531326	NC
	88			21.364	21.364	0.0	97	3771098	10.2
	89			21.461	21.461	0.0	65	2544453	10.4
	90			21.471	21.471	0.0	99	8017289	10.4
	92			21.653	21.653	0.0	88	5276687	10.1
	91			21.653	21.653	0.0	89	6545510	10.4
	93			21.669	21.669	0.0	79	2370339	10.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	6375396	10.2
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	3226946	11.3
96	tert-Butylbenzene		119	22.242	22.242	0.0	90	6372646	10.1
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	95	6282168	10.4
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	9070536	10.3
99	4-Isopropyltoluene		119	22.761	22.761	0.0	95	7647082	10.5
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	4178465	11.2
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	4104191	11.3
102	Benzyl chloride		91	23.103	23.103	0.0	100	4404416	11.4
103	n-Butylbenzene		91	23.338	23.338	0.0	97	6233885	10.9
104	Undecane		57	23.381	23.381	0.0	88	2967633	11.0
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	91	4306560	10.4
106	Dodecane		57	25.008	25.008	0.0	92	440445	10.4
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	91	2578741	11.7
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	2199519	11.8
109	Naphthalene		128	26.500	26.500	0.0	99	6577845	12.5
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	95	2584533	14.2

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_010.D

Injection Date: 20-Feb-2014 19:33:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: ICIS

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

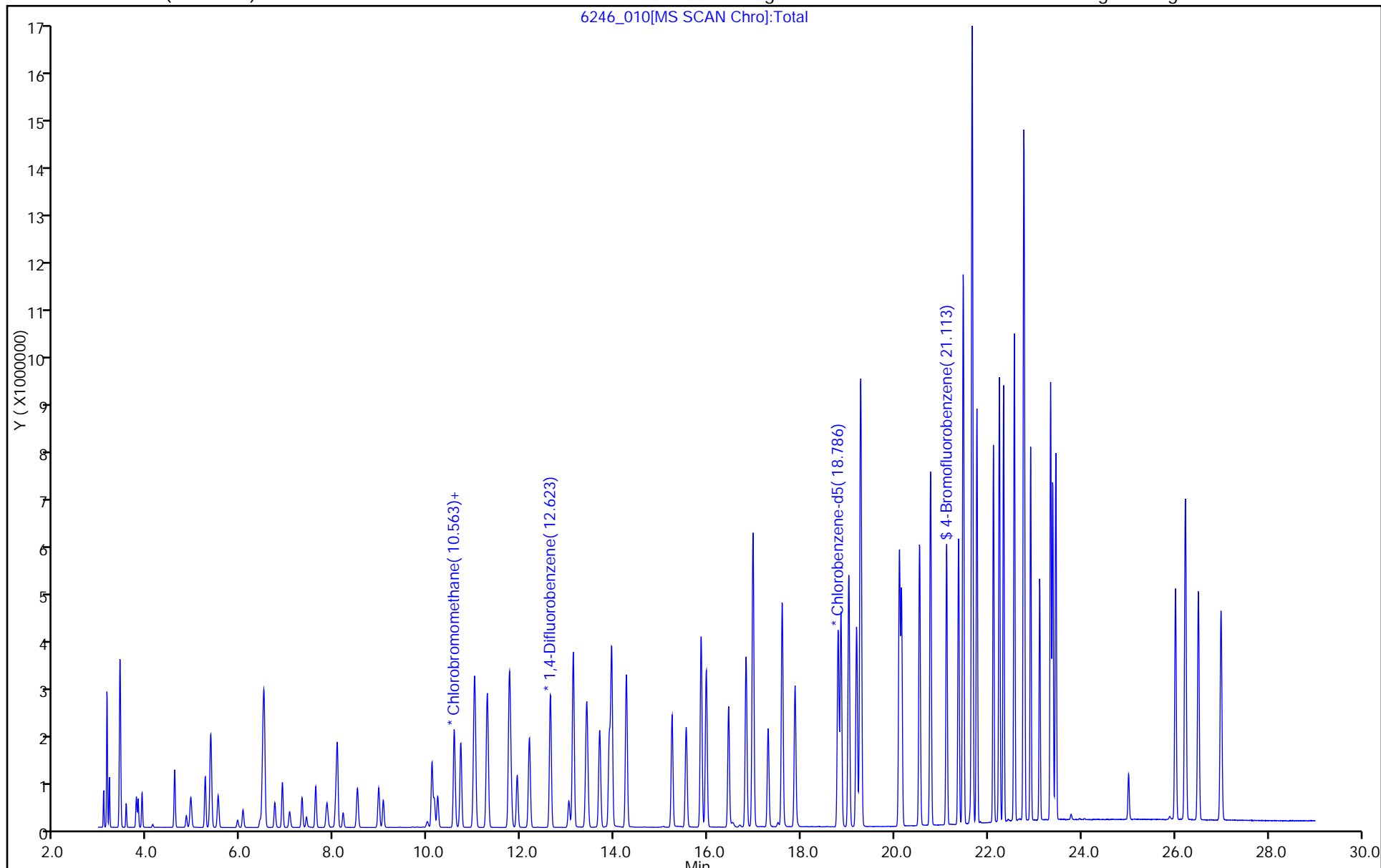
ALS Bottle#: 5

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_011.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 20-Feb-2014 20:20:30 ALS Bottle#: 6 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-011
 Misc. Info.: IC-06
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3

Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:33 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:59:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	409939	12.6	
2 Dichlorodifluoromethane	85	3.133	3.127	0.006	99	3230850	14.3	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	1200735	14.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	2701745	14.0	
8 Chloromethane	50	3.539	3.539	0.0	99	598384	13.9	
9 Butane	43	3.758	3.759	-0.001	97	806246	14.2	
10 Vinyl chloride	62	3.796	3.796	0.0	97	798226	13.6	
11 Butadiene	54	3.881	3.882	-0.001	92	487180	14.2	
12 Bromomethane	94	4.577	4.577	0.0	98	1183604	14.1	
14 Chloroethane	64	4.828	4.828	0.0	100	335083	14.3	
15 2-Methylbutane	43	4.925	4.925	0.0	86	507695	13.7	
16 Vinyl bromide	106	5.235	5.235	0.0	96	1308520	14.4	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	3643540	14.1	
18 Pentane	43	5.513	5.508	0.005	94	823688	14.4	
19 Ethanol	45	5.930	5.925	0.005	97	271826	19.7	
21 Ethyl ether	59	6.043	6.043	0.0	95	415742	14.4	
22 Acrolein	56	6.401	6.407	-0.006	96	201208	14.6	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	2277520	14.1	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	92	947756	13.8	
25 Acetone	43	6.722	6.722	0.0	86	862031	13.6	
26 Carbon disulfide	76	6.888	6.888	0.0	98	2648261	15.8	
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	750208	14.7	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	82	651073	14.4	
30 Acetonitrile	41	7.402	7.402	0.0	98	361566	14.8	
31 Methylene Chloride	49	7.600	7.600	0.0	80	710830	14.0	
32 2-Methyl-2-propanol	59	7.840	7.840	0.0	98	1333072	14.7	
33 Methyl tert-butyl ether	73	8.038	8.044	-0.006	94	2330831	14.5	
34 trans-1,2-Dichloroethene	61	8.065	8.060	0.005	86	1064193	14.2	
35 Acrylonitrile	53	8.188	8.188	0.0	94	404196	14.7	
36 Hexane	57	8.493	8.493	0.0	91	868088	14.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	99	1525580	13.9
	38	Vinyl acetate	43	9.049	9.044	0.005	99	1577514	14.9
	39	cis-1,2-Dichloroethene	96	10.092	10.093	-0.001	91	1323299	14.2
	40	2-Butanone (MEK)	72	10.141	10.141	0.0	98	439441	14.0
S	41	1,2-Dichloroethene, Total	61				0		28.4
	42	Ethyl acetate	88	10.216	10.216	0.0	98	70260	14.8
*	43	Chlorobromomethane	128	10.563	10.563	0.0	67	720827	10.0
	44	Tetrahydrofuran	42	10.579	10.579	0.0	81	714991	14.7
	45	Chloroform	83	10.708	10.708	0.0	99	2921953	14.2
	46	Cyclohexane	84	10.997	10.997	0.0	83	1433887	14.0
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	95	3437517	14.2
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	4402582	14.3
	50	Benzene	78	11.746	11.746	0.0	94	3761203	13.8
	51	Isooctane	57	11.767	11.767	0.0	98	4607690	14.1
	52	1,2-Dichloroethane	62	11.911	11.917	-0.006	99	1939265	14.2
	53	n-Heptane	43	12.174	12.179	-0.005	85	1630783	13.5
*	54	1,4-Difluorobenzene	114	12.628	12.628	0.0	91	4092312	10.0
	55	n-Butanol	56	13.024	13.019	0.005	85	698968	15.0
	56	Trichloroethene	95	13.115	13.115	0.0	94	2647845	13.7
A	57	GRO	1	13.297	4.915 - 21.679		0	623166089	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	91	1837625	14.4
	59	Methyl methacrylate	69	13.885	13.886	-0.001	79	1684416	15.2
	60	1,4-Dioxane	88	13.918	13.918	0.0	84	881134	14.7
	61	Dibromomethane	174	13.939	13.939	0.0	93	3253569	15.0
	62	Dichlorobromomethane	83	14.255	14.249	0.006	97	4802511	15.0
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	1003475507	3347.1
	64	cis-1,3-Dichloropropene	75	15.234	15.234	0.0	87	3238934	14.9
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	92	2941842	14.7
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	15613255	NC
	66	Toluene	92	15.854	15.854	0.0	93	4313082	13.8
A	68	C8 Range	1	15.967	15.917 - 16.017		0	12981707	NC
	69	n-Octane	43	15.961	15.967	-0.006	85	2920702	13.9
	70	trans-1,3-Dichloropropene	75	16.443	16.443	0.0	93	3359685	15.2
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	94	2193082	14.0
	72	Tetrachloroethene	166	16.967	16.967	0.0	97	4717288	14.0
	73	2-Hexanone	43	17.288	17.288	0.0	93	2816666	15.0
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	6248363	15.5
	75	Ethylene Dibromide	107	17.866	17.866	0.0	99	4686871	14.9
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	80	4267788	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	98	6544081	14.4
	78	Ethylbenzene	91	19.016	19.016	0.0	96	9224141	14.2
	79	n-Nonane	57	19.182	19.182	0.0	83	3197055	13.8
	80	m-Xylene & p-Xylene	106	19.273	19.273	0.0	99	7470362	28.1
S	82	Xylenes, Total	106				0		42.4
	83	o-Xylene	106	20.102	20.102	0.0	95	3956763	14.3
	84	Styrene	104	20.145	20.145	0.0	97	5731100	15.5
	85	Bromoform	173	20.535	20.530	0.005	98	6318722	16.5
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	10856447	14.2
\$	87	4-Bromofluorobenzene	95	21.113	21.108	0.005	98	2590592	NC
	88	1,1,2,2-Tetrachloroethane	83	21.364	21.364	0.0	97	5358285	14.2
	89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	95	3560001	14.3
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	11208613	14.2

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	89	9049566	14.1
92	2-Chlorotoluene		91	21.653	21.653	0.0	88	7203124	13.5
93	n-Decane		57	21.669	21.669	0.0	82	3118009	13.3
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	9119021	14.4
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	91	4729427	16.3
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	9065846	14.1
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	95	9030475	14.7
98	sec-Butylbenzene		105	22.563	22.563	0.0	98	12841290	14.4
99	4-Isopropyltoluene		119	22.761	22.761	0.0	95	10785413	14.5
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	6148441	16.1
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	6246800	16.9
102	Benzyl chloride		91	23.103	23.103	0.0	100	6590225	16.8
103	n-Butylbenzene		91	23.338	23.338	0.0	95	8898136	15.2
104	Undecane		57	23.381	23.381	0.0	90	4109189	15.0
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	99	6455653	15.3
106	Dodecane		57	25.007	25.008	-0.001	92	771526	17.9
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	94	4105144	18.2
108	Hexachlorobutadiene		225	26.227	26.227	0.0	93	3482315	18.3
109	Naphthalene		128	26.500	26.500	0.0	99	9951278	18.5
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	94	4130531	22.3

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_011.D

Injection Date: 20-Feb-2014 20:20:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 11

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

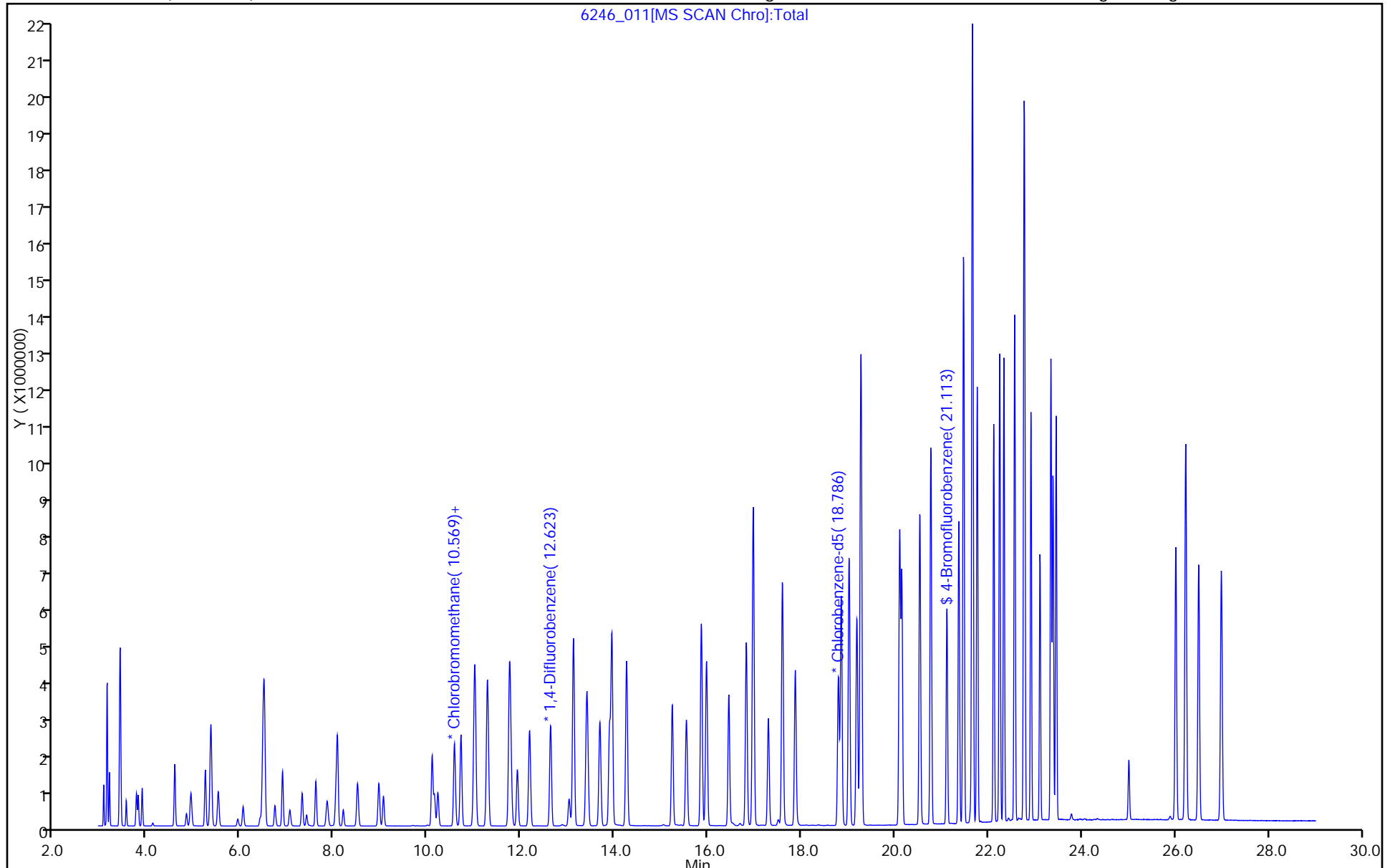
ALS Bottle#: 6

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_012.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 20-Feb-2014 21:07:30 ALS Bottle#: 7 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-012
 Misc. Info.: IC-07
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:37 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 12:00:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	531626	16.1	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	4181834	18.3	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	1577162	18.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	88	3501162	17.9	
8 Chloromethane	50	3.539	3.539	0.0	99	798173	18.4	
9 Butane	43	3.758	3.759	-0.001	97	1032909	18.1	
10 Vinyl chloride	62	3.796	3.796	0.0	98	1041015	17.5	
11 Butadiene	54	3.876	3.882	-0.006	93	627561	18.1	
12 Bromomethane	94	4.577	4.577	0.0	98	1556035	18.4	
14 Chloroethane	64	4.828	4.828	0.0	99	438854	18.6	
15 2-Methylbutane	43	4.925	4.925	0.0	88	668334	17.9	
16 Vinyl bromide	106	5.235	5.235	0.0	98	1723153	18.8	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	4742944	18.2	
18 Pentane	43	5.508	5.508	0.0	94	1075523	18.6	
19 Ethanol	45	5.930	5.925	0.005	96	539835	38.8	
21 Ethyl ether	59	6.043	6.043	0.0	94	549493	18.8	
22 Acrolein	56	6.406	6.407	-0.001	96	271982	19.6	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	2991683	18.3	
24 1,1-Dichloroethene	96	6.497	6.503	-0.006	93	1261148	18.2	
25 Acetone	43	6.722	6.722	0.0	86	1221169	19.1	
26 Carbon disulfide	76	6.888	6.888	0.0	98	3166898	18.7	
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	971316	18.8	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	82	862409	18.8	
30 Acetonitrile	41	7.401	7.402	-0.001	97	481394	19.5	
31 Methylene Chloride	49	7.599	7.600	-0.001	80	950923	18.5	
32 2-Methyl-2-propanol	59	7.846	7.840	0.006	98	1773174	19.3	
33 Methyl tert-butyl ether	73	8.038	8.044	-0.006	94	3075884	18.9	
34 trans-1,2-Dichloroethene	61	8.065	8.060	0.005	86	1386349	18.3	
35 Acrylonitrile	53	8.183	8.188	-0.005	94	538419	19.4	
36 Hexane	57	8.493	8.493	0.0	90	1123675	18.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
37	1,1-Dichloroethane	63	8.948	8.948	0.0	99	2007403	18.1
38	Vinyl acetate	43	9.049	9.044	0.005	99	2087444	19.5
39	cis-1,2-Dichloroethene	96	10.092	10.093	-0.001	91	1770187	18.8
40	2-Butanone (MEK)	72	10.141	10.141	0.0	97	570879	18.0
S 41	1,2-Dichloroethene, Total	61				0		37.2
42	Ethyl acetate	88	10.215	10.216	-0.001	98	94118	19.6
* 43	Chlorobromomethane	128	10.563	10.563	0.0	68	728202	10.0
44	Tetrahydrofuran	42	10.574	10.579	-0.005	84	939094	19.1
45	Chloroform	83	10.708	10.708	0.0	99	3835335	18.4
46	Cyclohexane	84	10.991	10.997	-0.006	82	1884655	18.3
47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	95	4503954	18.5
48	Carbon tetrachloride	117	11.275	11.275	0.0	96	5780737	18.6
50	Benzene	78	11.745	11.746	-0.001	94	4914178	17.9
51	Isooctane	57	11.762	11.767	-0.005	98	5926650	18.1
52	1,2-Dichloroethane	62	11.917	11.917	0.0	99	2553638	18.6
53	n-Heptane	43	12.173	12.179	-0.006	85	2106255	17.3
* 54	1,4-Difluorobenzene	114	12.628	12.628	0.0	91	4123313	10.0
55	n-Butanol	56	13.024	13.019	0.005	85	894348	19.0
56	Trichloroethene	95	13.115	13.115	0.0	93	3463198	17.8
A 57	GRO	1	13.297	4.915 - 21.679		0	805887158	0
58	1,2-Dichloropropane	63	13.682	13.682	0.0	91	2386362	18.5
59	Methyl methacrylate	69	13.885	13.886	-0.001	80	2202970	19.7
60	1,4-Dioxane	88	13.917	13.918	-0.001	85	1099302	18.1
61	Dibromomethane	174	13.939	13.939	0.0	93	4291738	19.7
62	Dichlorobromomethane	83	14.254	14.249	0.005	97	6281735	19.5
A 63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	1296318295	4291.4
64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	4259880	19.5
65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	92	3837041	19.0
A 67	Toluene Range	1	15.854	15.814 - 15.894		0	20208828	NC
66	Toluene	92	15.854	15.854	0.0	94	5619306	17.8
A 68	C8 Range	1	15.967	15.917 - 16.017		0	16674071	NC
69	n-Octane	43	15.966	15.967	-0.001	84	3722407	17.6
70	trans-1,3-Dichloropropene	75	16.442	16.443	-0.001	92	4446522	19.9
71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	94	2837907	18.0
72	Tetrachloroethene	166	16.967	16.967	0.0	96	6221845	18.4
73	2-Hexanone	43	17.288	17.288	0.0	92	3644308	19.3
74	Chlorodibromomethane	129	17.593	17.588	0.005	97	8257492	20.3
75	Ethylene Dibromide	107	17.866	17.866	0.0	99	6200376	19.5
* 76	Chlorobenzene-d5	117	18.791	18.786	0.005	69	4297877	10.0
77	Chlorobenzene	112	18.850	18.850	0.0	99	8525443	18.7
78	Ethylbenzene	91	19.016	19.016	0.0	96	11901776	18.2
79	n-Nonane	57	19.187	19.182	0.005	83	4051815	17.4
80	m-Xylene & p-Xylene	106	19.272	19.273	-0.001	98	9585988	35.9
S 82	Xylenes, Total	106				0		54.1
83	o-Xylene	106	20.102	20.102	0.0	96	5089695	18.2
84	Styrene	104	20.144	20.145	-0.001	97	7581441	20.4
85	Bromoform	173	20.535	20.530	0.005	98	8318745	21.6
86	Isopropylbenzene	105	20.770	20.765	0.005	94	13989868	18.2
\$ 87	4-Bromofluorobenzene	95	21.113	21.108	0.005	98	2618779	NC
88	1,1,2,2-Tetrachloroethane	83	21.370	21.364	0.006	96	6815546	18.0
89	1,2,3-Trichloropropane	75	21.461	21.461	-0.001	94	4440353	17.7
90	N-Propylbenzene	91	21.471	21.471	0.0	99	14025147	17.7

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.658	21.653	0.005	89	11296239	17.5
92	2-Chlorotoluene		91	21.653	21.653	0.0	88	8920326	16.6
93	n-Decane		57	21.675	21.669	0.005	84	3720783	15.7
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	94	11650765	18.3
95	Alpha Methyl Styrene		118	22.119	22.113	0.006	91	6171333	21.1
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	11610585	17.9
97	1,2,4-Trimethylbenzene		105	22.333	22.333	-0.001	95	11529355	18.7
98	sec-Butylbenzene		105	22.563	22.563	0.0	98	16091123	17.9
99	4-Isopropyltoluene		119	22.760	22.761	-0.001	94	13420123	17.9
100	1,3-Dichlorobenzene		146	22.782	22.777	0.005	99	7948502	20.7
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	97	8343313	22.4
102	Benzyl chloride		91	23.108	23.103	0.005	100	9009188	22.8
103	n-Butylbenzene		91	23.338	23.338	0.0	96	11235803	19.1
104	Undecane		57	23.386	23.381	0.005	90	5038697	18.3
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	99	8506718	20.0
106	Dodecane		57	25.007	25.008	-0.001	92	974121	22.5
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	91	5549938	24.5
108	Hexachlorobutadiene		225	26.227	26.227	0.0	93	4561824	23.8
109	Naphthalene		128	26.505	26.500	0.005	99	12509910	23.1
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	96	5493601	29.5

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_012.D

Injection Date: 20-Feb-2014 21:07:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 12

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

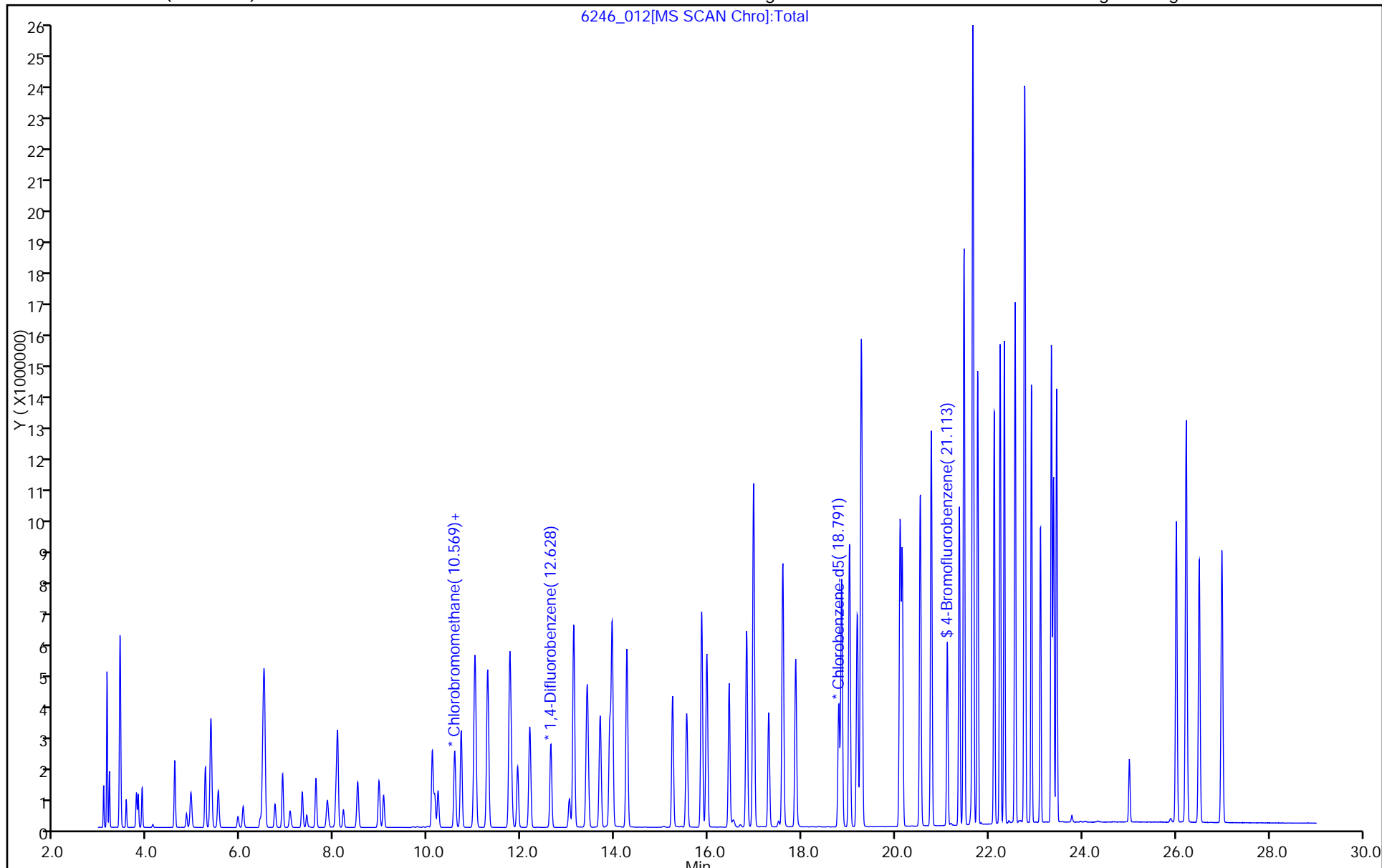
ALS Bottle#: 7

Method: TO15_LLJN_T03_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 20-Feb-2014 21:54:30 ALS Bottle#: 8 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-013
 Misc. Info.: IC-08
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:41 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 12:02:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	983061	29.7	
2 Dichlorodifluoromethane	85	3.133	3.127	0.006	98	7546057	32.9	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	82	2888804	33.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	88	6314979	32.2	
8 Chloromethane	50	3.539	3.539	0.0	99	1479893	34.0	
9 Butane	43	3.759	3.759	0.0	96	1901790	33.1	
10 Vinyl chloride	62	3.796	3.796	0.0	97	1930472	32.4	
11 Butadiene	54	3.882	3.882	0.0	91	1176646	33.8	
12 Bromomethane	94	4.582	4.577	0.005	98	2895032	34.1	
14 Chloroethane	64	4.834	4.828	0.006	100	818413	34.6	
15 2-Methylbutane	43	4.930	4.925	0.005	87	1237978	33.0	
16 Vinyl bromide	106	5.235	5.235	0.0	97	3260069	35.4	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	8775338	33.5	
18 Pentane	43	5.513	5.508	0.005	92	2001506	34.4	
19 Ethanol	45	5.941	5.925	0.016	96	1243817	89.1	
21 Ethyl ether	59	6.043	6.043	0.0	89	1019836	34.9	
22 Acrolein	56	6.407	6.407	0.0	95	519709	37.2	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.482	6.476	0.006	94	5503611	33.5	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	91	2307432	33.2	
25 Acetone	43	6.728	6.722	0.006	81	2063546	32.1	
26 Carbon disulfide	76	6.888	6.888	0.0	98	5940319	34.9	
27 Isopropyl alcohol	45	7.059	7.038	0.021	98	1713889	33.1	
29 3-Chloro-1-propene	41	7.311	7.305	0.006	82	1618104	35.2	
30 Acetonitrile	41	7.407	7.402	0.005	97	869306	35.2	
31 Methylene Chloride	49	7.600	7.600	0.0	80	1761297	34.1	
32 2-Methyl-2-propanol	59	7.856	7.840	0.016	98	3104259	33.7	
33 Methyl tert-butyl ether	73	8.044	8.044	0.0	93	5761697	35.2	
34 trans-1,2-Dichloroethene	61	8.070	8.060	0.010	86	2563803	33.8	
35 Acrylonitrile	53	8.193	8.188	0.005	94	1033037	37.0	
36 Hexane	57	8.498	8.493	0.005	90	2110178	34.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.953	8.948	0.005	99	3777110	34.0
	38	Vinyl acetate	43	9.049	9.044	0.005	99	3948444	36.7
	39	cis-1,2-Dichloroethene	96	10.093	10.093	0.0	91	3280795	34.8
	40	2-Butanone (MEK)	72	10.146	10.141	0.005	86	1059095	33.2
S	41	1,2-Dichloroethene, Total	61				0		68.6
	42	Ethyl acetate	88	10.216	10.216	0.0	90	176622	36.6
*	43	Chlorobromomethane	128	10.563	10.563	0.0	68	730832	10.0
	44	Tetrahydrofuran	42	10.579	10.579	0.0	81	1745766	36.1
	45	Chloroform	83	10.713	10.708	0.005	98	7116385	34.1
	46	Cyclohexane	84	10.997	10.997	0.0	61	3386982	33.4
	47	1,1,1-Trichloroethane	97	11.013	11.007	0.006	94	8206833	34.2
	48	Carbon tetrachloride	117	11.280	11.275	0.005	96	10788406	35.2
	50	Benzene	78	11.751	11.746	0.005	93	8715559	32.1
	51	Isooctane	57	11.767	11.767	0.0	98	10425438	32.2
	52	1,2-Dichloroethane	62	11.922	11.917	0.005	99	4747119	35.0
	53	n-Heptane	43	12.179	12.179	0.0	85	3727378	31.0
*	54	1,4-Difluorobenzene	114	12.628	12.628	0.0	91	4068845	10.0
	55	n-Butanol	56	13.030	13.019	0.011	84	1602361	34.5
	56	Trichloroethene	95	13.121	13.115	0.006	93	6239533	32.4
A	57	GRO	1	13.297	4.915 - 21.679		0	1419730756	0
	58	1,2-Dichloropropane	63	13.688	13.682	0.006	90	4309146	33.9
	59	Methyl methacrylate	69	13.891	13.886	0.005	79	3921743	35.5
	60	1,4-Dioxane	88	13.923	13.918	0.005	48	1709373	28.6
	61	Dibromomethane	174	13.944	13.939	0.005	89	7808407	36.3
	62	Dichlorobromomethane	83	14.260	14.249	0.011	96	11414848	36.0
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	2240781938	7517.3
	64	cis-1,3-Dichloropropene	75	15.234	15.234	0.0	87	7786571	36.0
	65	4-Methyl-2-pentanone (MIBK)	43	15.544	15.533	0.011	92	6786028	34.1
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	35957719	NC
	66	Toluene	92	15.860	15.854	0.006	93	10062727	32.4
A	68	C8 Range	1	15.967	15.917 - 16.017		0	28916699	NC
	69	n-Octane	43	15.967	15.967	0.0	82	6377605	30.6
	70	trans-1,3-Dichloropropene	75	16.448	16.443	0.005	92	8172557	37.1
	71	1,1,2-Trichloroethane	83	16.823	16.817	0.005	93	5024630	32.3
	72	Tetrachloroethene	166	16.972	16.967	0.005	96	11257293	33.7
	73	2-Hexanone	43	17.293	17.288	0.005	92	6517803	35.1
	74	Chlorodibromomethane	129	17.598	17.588	0.010	97	15043588	37.5
	75	Ethylene Dibromide	107	17.871	17.866	0.005	100	11168909	35.7
*	76	Chlorobenzene-d5	117	18.791	18.786	0.005	64	4236628	10.0
	77	Chlorobenzene	112	18.855	18.850	0.005	99	15274499	33.9
	78	Ethylbenzene	91	19.021	19.016	0.005	96	20917158	32.4
	79	n-Nonane	57	19.187	19.182	0.005	81	6823424	29.7
	80	m-Xylene & p-Xylene	106	19.278	19.273	0.005	95	16500183	62.6
S	82	Xylenes, Total	106				0		95.3
	83	o-Xylene	106	20.107	20.102	0.005	96	8987903	32.7
	84	Styrene	104	20.150	20.145	0.005	97	13641554	37.2
	85	Bromoform	173	20.535	20.530	0.005	98	14797457	39.0
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	23458205	31.0
\$	87	4-Bromofluorobenzene	95	21.113	21.108	0.005	98	2631276	NC
	88	1,1,2,2-Tetrachloroethane	83	21.370	21.364	0.006	95	11463767	30.6
	89	1,2,3-Trichloropropane	75	21.466	21.461	0.005	58	7193533	29.0
	90	N-Propylbenzene	91	21.471	21.471	0.0	96	21799286	27.9

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.659	21.653	0.006	89	18568014	29.2
92	2-Chlorotoluene		91	21.659	21.653	0.006	88	14316837	27.1
93	n-Decane		57	21.680	21.669	0.011	81	5657115	24.2
94	1,3,5-Trimethylbenzene		105	21.766	21.760	0.006	95	19639345	31.2
95	Alpha Methyl Styrene		118	22.119	22.113	0.006	91	11214255	38.9
96	tert-Butylbenzene		119	22.247	22.242	0.005	90	19659345	30.8
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	94	19055651	31.3
98	sec-Butylbenzene		105	22.557	22.563	-0.006	96	22732453	25.6
99	4-Isopropyltoluene		119	22.755	22.761	-0.006	94	19892235	27.0
100	1,3-Dichlorobenzene		146	22.782	22.777	0.005	97	13818690	36.5
101	1,4-Dichlorobenzene		146	22.916	22.910	0.006	95	15149869	41.3
102	Benzyl chloride		91	23.108	23.103	0.005	99	16568250	42.6
103	n-Butylbenzene		91	23.344	23.338	0.006	93	18457704	31.8
104	Undecane		57	23.387	23.381	0.006	86	8063472	29.6
105	1,2-Dichlorobenzene		146	23.456	23.451	0.005	90	15220896	36.3
106	Dodecane		57	25.008	25.008	0.0	92	1062315	24.9
107	1,2,4-Trichlorobenzene		180	26.019	26.013	0.006	93	9680944	43.3
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	5860214	31.0
109	Naphthalene		128	26.505	26.500	0.005	99	21001143	39.4
110	1,2,3-Trichlorobenzene		180	26.992	26.987	0.005	96	7183636	39.1

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D

Injection Date: 20-Feb-2014 21:54:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

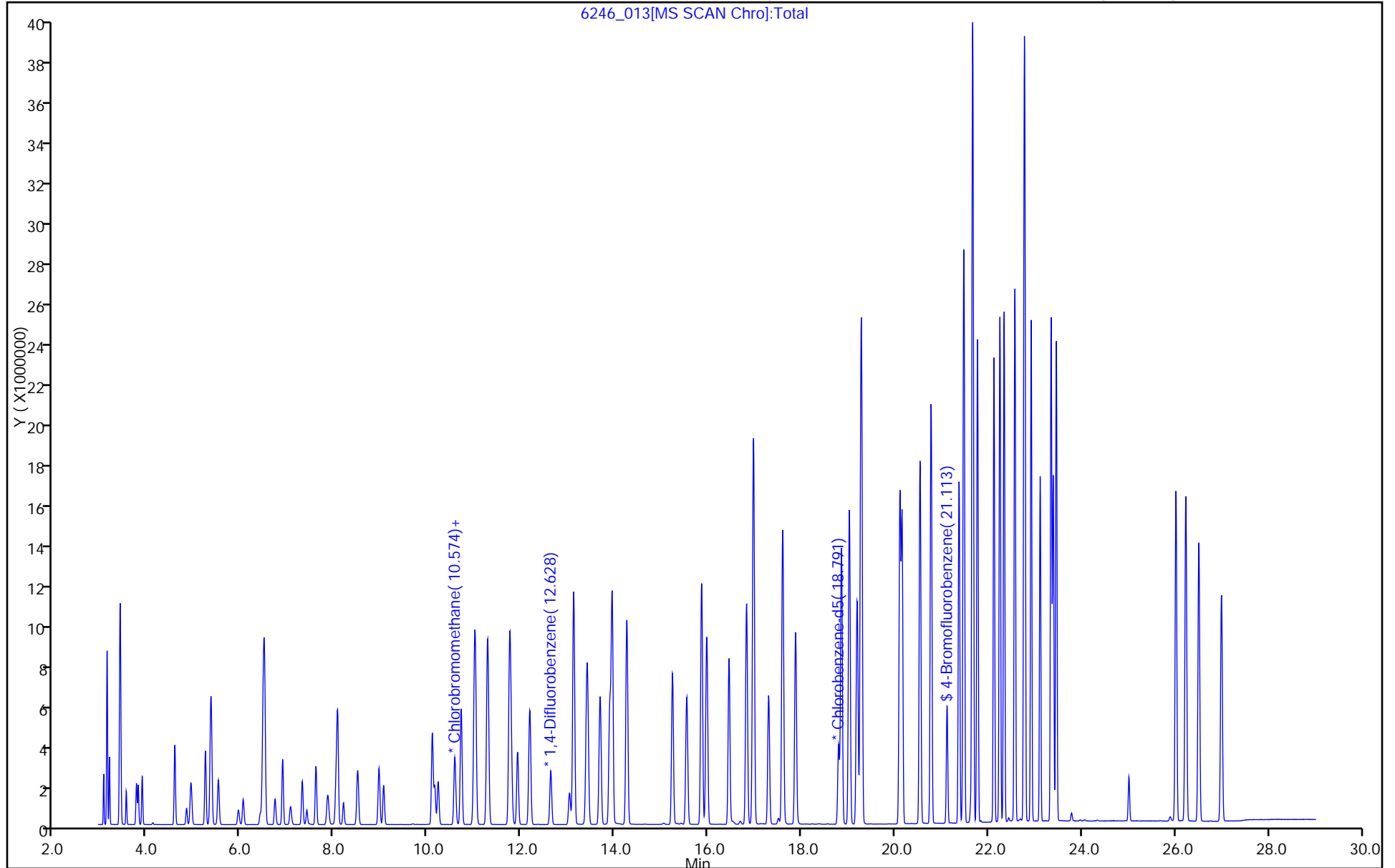
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234

SDG No.: 200-20955-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68234/4	6101_004.d
Level 2	IC 200-68234/5	6101_005.d
Level 3	IC 200-68234/6	6101_006.d
Level 4	IC 200-68234/7	6101_007.d
Level 5	ICIS 200-68234/8	6101_008.d
Level 6	IC 200-68234/9	6101_009.d
Level 7	IC 200-68234/10	6101_010.d
Level 8	IC 200-68234/11	6101_011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.6294	++++ 0.6005	0.7612 0.5795	0.7042	0.6858	Ave	0.6601				10.0		30.0				
Freon 12	++++ 4.3690	++++ 4.0983	5.3945 3.8142	5.0215	4.7439	Ave	4.5735				13.0		30.0				
Freon 22	++++ 1.6610	++++ 1.5826	1.9840 1.5227	1.8515	1.7934	Ave	1.7325				10.0		30.0				
Freon-114	++++ 3.5664	5.0122 3.3414	4.3260 3.1369	4.0359	3.8799	Ave	3.8998				16.0		30.0				
Chloromethane	++++ 0.7437	++++ 0.7184	0.9058 0.7076	0.8386	0.8095	Ave	0.7873				9.9		30.0				
n-Butane	++++ 1.2795	++++ 1.2234	1.3155 1.1895	1.3115	1.3348	Ave	1.2757				4.5		30.0				
Vinyl chloride	1.3892 1.0569	1.3184 1.0251	1.0925 0.9932	1.1074	1.0789	Ave	1.1327				13.0		30.0				
1,3-Butadiene	++++ 0.7091	0.7358 0.6905	0.6461 0.6679	0.7193	0.7091	Ave	0.6968				4.5		30.0				
Bromomethane	++++ 1.0481	1.5278 1.0801	1.2106 1.0258	1.1890	1.1185	Ave	1.1714				15.0		30.0				
Chloroethane	++++ 0.5782	++++ 0.5731	0.6645 0.5700	0.6278	0.6028	Ave	0.6027				6.2		30.0				
Isopentane	++++ 0.9338	1.1843 0.9163	0.9584 0.8875	0.9726	0.9615	Ave	0.9735				10.0		30.0				
Vinyl bromide	++++ 1.5391	1.7161 1.4821	1.5083 1.4343	1.6162	1.6319	Ave	1.5611				6.3		30.0				
Freon 11	++++ 4.6839	6.5595 4.4690	5.5889 4.2756	5.2645	5.0430	Ave	5.1263				15.0		30.0				
n-Pentane	++++ 1.4023	++++ 1.3348	1.2199 1.3000	1.4499	1.4794	Ave	1.3644				7.2		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234

SDG No.: 200-20955-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.2920	++++ 0.2841	0.2909 0.2764	0.2713	0.3009	Ave		0.2860			3.8		30.0				
Ethyl ether	++++ 0.7351	0.6622 0.7136	0.6596 0.7048	0.7564	0.7651	Ave		0.7138			5.9		30.0				
Acrolein	++++ 0.3004	++++ 0.2940	++++ 0.2796	0.3153	0.3109	Ave		0.3000			4.7		30.0				
Freon 113	++++ 2.9166	4.2091 2.7567	3.4698 2.6038	3.3246	3.1761	Ave		3.2081			17.0		30.0				
1,1-Dichloroethene	++++ 1.3632	1.4753 1.3070	1.3349 1.2606	1.4566	1.4743	Ave		1.3817			6.3		30.0				
Acetone	++++ 1.4238	++++ 1.4444	++++ 1.2845	1.6113	1.4963	Ave		1.4521			8.2		30.0				
Carbon disulfide	++++ 3.2832	++++ 2.9345	3.3491 2.8672	3.4191	3.2429	Ave		3.1827			7.1		30.0				
Isopropyl alcohol	++++ 1.2162	++++ 1.1815	++++ 1.1090	1.3023	1.2739	Ave		1.2166			6.3		30.0				
Allyl chloride	++++ 1.0487	0.9286 1.0252	0.7433 1.0106	1.0390	1.0832	Ave		0.9827			12.0		30.0				
Acetonitrile	++++ 0.5199	++++ 0.5140	++++ 0.4880	0.5862	0.5529	Ave		0.5322			7.1		30.0				
Methylene Chloride	++++ 0.9409	++++ 0.9123	1.2419 0.9033	1.0592	1.0090	Ave		1.0111			13.0		30.0				
tert-Butyl alcohol	++++ 2.2557	++++ 2.2155	++++ 2.0781	2.2015	2.2870	Ave		2.2076			3.6		30.0				
Methyl tert-butyl ether	++++ 4.0091	3.0435 3.8886	2.8398 3.7418	4.0343	4.0513	Ave		3.6583			14.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6344	1.7595 1.5639	1.6684 1.5220	1.7833	1.7293	Ave		1.6658			5.9		30.0				
Acrylonitrile	++++ 0.6283	++++ 0.6063	0.5660 0.6093	0.6573	0.6504	Ave		0.6196			5.4		30.0				
Hexane	++++ 1.5043	1.1190 1.4572	1.1448 1.4113	1.5878	1.5729	Ave		1.3996			14.0		30.0				
1,1-Dichloroethane	2.7266 2.0173	2.7546 1.9640	2.2001 1.9206	2.2209	2.1320	Ave		2.2420			15.0		30.0				
Vinyl acetate	++++ 2.2149	++++ 2.1877	1.4626 2.1148	2.2320	2.2863	Ave		2.0831			15.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4436	1.4098 1.4356	1.4144 1.3757	1.5912	1.5451	Ave		1.4593			5.4		30.0				
Methyl Ethyl Ketone	++++ 0.5902	++++ 0.5776	0.7215 0.5405	0.6347	0.6245	Ave		0.6148			10.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234
 SDG No.: 200-20955-1
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1190	++++ 0.1151	++++ 0.1131	0.1270	0.1233	Ave		0.1195			4.8		30.0				
Tetrahydrofuran	++++ 0.1860	++++ 0.1851	++++ 0.1771	0.1996	0.1984	Ave		0.1892			5.1		30.0				
Chloroform	++++ 3.0732	4.1322 3.0105	3.6218 2.8781	3.4517	3.2894	Ave		3.3510			13.0		30.0				
Cyclohexane	++++ 0.3809	0.3154 0.3730	0.3081 0.3424	0.4205	0.4154	Ave		0.3651			12.0		30.0				
1,1,1-Trichloroethane	++++ 0.7852	0.9829 0.7696	0.8468 0.7201	0.8838	0.8545	Ave		0.8347			10.0		30.0				
Carbon tetrachloride	1.1713 0.8663	1.1199 0.8430	0.9312 0.7966	0.9607	0.9380	Ave		0.9534			14.0		30.0				
2,2,4-Trimethylpentane	++++ 1.0529	0.7645 1.0172	0.7625 0.9263	1.1501	1.1332	Ave		0.9724			17.0		30.0				
Benzene	++++ 0.8150	0.9816 0.7913	0.9105 0.7343	0.9616	0.9057	Ave		0.8714			11.0		30.0				
1,2-Dichloroethane	++++ 0.4166	0.5191 0.4099	0.4390 0.3935	0.4618	0.4476	Ave		0.4411			9.4		30.0				
Heptane	++++ 0.3284	0.2231 0.3162	0.2484 0.2939	0.3624	0.3529	Ave		0.3036			17.0		30.0				
n-Butanol	++++ 0.1058	++++ 0.1125	++++ 0.1061	0.0977	0.1186	Ave		0.1081			7.3		30.0				
Trichloroethene	0.4589 0.4347	0.4693 0.4233	0.4397 0.3971	0.4910	0.4748	Ave		0.4486			6.8		30.0				
1,2-Dichloropropane	++++ 0.2550	0.3007 0.2466	0.2639 0.2342	0.2827	0.2750	Ave		0.2654			8.5		30.0				
Methyl methacrylate	++++ 0.2876	++++ 0.2798	++++ 0.2721	0.2990	0.2994	Ave		0.2752			12.0		30.0				
1,4-Dioxane	++++ 0.1481	++++ 0.1415	++++ 0.1268	0.1763	0.1701	Ave		0.1525			13.0		30.0				
Dibromomethane	++++ 0.5100	++++ 0.4841	++++ 0.4480	0.6026	0.5617	Ave		0.5502			14.0		30.0				
Bromodichloromethane	++++ 0.7400	0.8535 0.7150	0.7723 0.6779	0.8274	0.7903	Ave		0.7680			8.1		30.0				
cis-1,3-Dichloropropene	++++ 0.4711	0.3409 0.4666	0.3190 0.4551	0.4883	0.4995	Ave		0.4344			17.0		30.0				
methyl isobutyl ketone	++++ 0.4518	++++ 0.4355	0.2919 0.4121	0.4798	0.4815	Ave		0.4254			17.0		30.0				
n-Octane	++++ 0.4281	++++ 0.4033	0.3484 0.3570	0.5184	0.4715	Ave		0.4024			19.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234
 SDG No.: 200-20955-1
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.7015	0.7282 0.6512	0.7629 0.5945	0.8604	0.7776	Ave		0.7252			12.0		30.0				
trans-1,3-Dichloropropene	++++ 0.5329	0.3930 0.5240	0.4109 0.5158	0.5545	0.5579	Ave		0.4984			14.0		30.0				
1,1,2-Trichloroethane	++++ 0.3413	0.4252 0.3246	0.3744 0.3102	0.3894	0.3660	Ave		0.3616			11.0		30.0				
Tetrachloroethene	0.9597 0.8537	1.0224 0.8029	0.9267 0.7324	0.9948	0.9266	Ave		0.9024			11.0		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4501	++++ 0.4442	0.2261 0.4236	0.4324	0.4735	Ave		0.4083			22.0		30.0				
Dibromochloromethane	++++ 1.0003	1.0364 0.9516	0.9746 0.8941	1.1099	1.0631	Ave		1.0043			7.2		30.0				
1,2-Dibromoethane	++++ 0.7392	0.7346 0.7085	0.6884 0.6751	0.8087	0.7809	Ave		0.7336			6.6		30.0				
Chlorobenzene	++++ 1.1084	1.5235 1.0462	1.3524 0.9761	1.2973	1.1881	Ave		1.2132			16.0		30.0				
Ethylbenzene	++++ 1.7071	1.6756 1.6064	1.6219 1.4483	1.9774	1.8244	Ave		1.6944			10.0		30.0				
n-Nonane	++++ 0.5788	0.4864 0.5410	0.5601 0.4884	0.6791	0.6242	Ave		0.5654			12.0		30.0				
m,p-Xylene	++++ 0.6677	0.6634 0.6211	0.7281 0.5574	0.8165	0.7296	Ave		0.6834			12.0		30.0				
Xylene, o-	++++ 0.6915	0.4910 0.6479	0.5440 0.5931	0.8057	0.7416	Ave		0.6450			17.0		30.0				
Styrene	++++ 1.0453	0.6521 0.9838	0.8057 0.9093	1.2092	1.0935	Ave		0.9570			19.0		30.0				
Bromoform	++++ 1.0343	0.9871 0.9672	0.9631 0.8665	1.1569	1.0951	Ave		1.0100			9.4		30.0				
Cumene	++++ 2.1406	1.4222 1.9863	1.7913 1.6885	2.5312	2.3242	Ave		1.9835			19.0		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.9116	1.2032 0.8541	1.0767 0.7493	1.0847	0.9998	Ave		0.9828			16.0		30.0				
n-Propylbenzene	++++ 2.3701	2.0948 2.1679	2.2816 1.7472	2.8945	2.5990	Ave		2.3079			16.0		30.0				
1,2,3-Trichloropropane	++++ 0.7273	++++ 0.6835	0.8672 0.6040	0.8601	0.7957	Ave		0.7563			14.0		30.0				
n-Decane	++++ 0.8027	++++ 0.7337	0.7564 0.6206	0.9676	0.8679	Ave		0.7915			15.0		30.0				
4-Ethyltoluene	++++ 2.1921	++++ 2.1959	2.3631 1.6318	2.6755	2.3934	Ave		2.2076			15.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234

SDG No.: 200-20955-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.8632	2.1207 1.7042	2.1018 1.4743	2.2531	1.9950	Ave		1.9303			14.0		30.0				
1,3,5-Trimethylbenzene	++++ 2.0118	2.1308 1.8417	2.1747 1.5338	2.4382	2.1710	Ave		2.0431			14.0		30.0				
Alpha Methyl Styrene	++++ 0.9957	0.4919 0.9323	0.5588 0.8440	1.1073	1.0293	Ave		0.8513			28.0		30.0				
tert-Butylbenzene	++++ 1.9650	1.8100 1.8030	2.1301 1.5161	2.4752	2.1908	Ave		1.9843			16.0		30.0				
1,2,4-Trimethylbenzene	++++ 2.0084	1.6671 1.8434	2.0093 1.5504	2.4407	2.1299	Ave		1.9499			15.0		30.0				
sec-Butylbenzene	++++ 2.6804	2.4783 2.4289	2.8624 1.9492	3.4276	2.9816	Ave		2.6869			17.0		30.0				
4-Isopropyltoluene	++++ 2.4520	1.9363 2.2265	2.3846 1.8085	3.0524	2.6819	Ave		2.3632			18.0		30.0				
1,3-Dichlorobenzene	++++ 1.4227	1.4923 1.3244	1.4971 1.1586	1.6330	1.4201	Ave		1.4212			11.0		30.0				
1,4-Dichlorobenzene	++++ 1.4072	1.2057 1.3176	1.2508 1.1591	1.5402	1.3794	Ave		1.3229			9.9		30.0				
Benzyl chloride	++++ 1.4364	0.6723 1.4194	0.7331 1.3296	1.3614	1.3643	Ave		1.1881			28.0		30.0				
n-Undecane	++++ 0.8198	++++ 0.7329	++++ 0.6074	1.0133	0.8394	Ave		0.8026			19.0		30.0				
n-Butylbenzene	++++ 1.8221	1.5827 1.6637	1.9144 1.3958	2.2483	1.9204	Ave		1.7925			15.0		30.0				
1,2-Dichlorobenzene	++++ 1.3931	1.4061 1.3041	1.4167 1.1423	1.6069	1.4146	Ave		1.3834			10.0		30.0				
n-Dodecane	++++ 0.6987	++++ 0.6378	++++ 0.0939	0.6272	0.5681	Ave		0.5251			47.0	*	30.0				
1,2,4-Trichlorobenzene	++++ 0.8751	++++ 0.8427	0.4242 0.6756	0.7568	0.6898	Ave		0.7107			23.0		30.0				
Hexachloro-1,3-butadiene	++++ 1.1276	1.3821 1.0158	1.2268 0.5778	1.3453	1.1928	Ave		1.1240			24.0		30.0				
Naphthalene	++++ 1.8494	++++ 1.7066	0.4898 1.4383	1.4694	1.3622	Ave		1.3860			34.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.8743	0.5423 0.8261	0.3734 0.4546	0.8165	0.7483	Ave		0.6622			30.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234

SDG No.: 200-20955-1

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68234/4	6101_004.d
Level 2	IC 200-68234/5	6101_005.d
Level 3	IC 200-68234/6	6101_006.d
Level 4	IC 200-68234/7	6101_007.d
Level 5	ICIS 200-68234/8	6101_008.d
Level 6	IC 200-68234/9	6101_009.d
Level 7	IC 200-68234/10	6101_010.d
Level 8	IC 200-68234/11	6101_011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 497717	++++ 661767	17418 1299181	171162	343851	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 12	BCM	Ave	++++ 3454862	++++ 4516674	123434 8550592	1220565	2378638	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 1313467	++++ 1744155	45396 3413634	450035	899214	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon-114	BCM	Ave	++++ 2820237	41809 3682503	98986 7032234	981010	1945417	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 588133	++++ 791790	20727 1586316	203833	405869	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 1011815	++++ 1348334	30101 2666551	318783	669296	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2173 835769	10997 1129770	24999 2226661	269168	540976	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 560716	6138 760983	14783 1497279	174832	355554	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 828778	12744 1190336	27701 2299545	289016	560804	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 457236	++++ 631582	15205 1277845	152598	302251	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 738402	9879 1009878	21929 1989631	236416	482131	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl bromide	BCM	Ave	++++ 1217044	14315 1633426	34512 3215429	392846	818236	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon 11	BCM	Ave	++++ 3703863	54715 4925201	127882 9585030	1279646	2528605	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 1108891	++++ 1471017	27914 2914419	352418	741782	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 308515	++++ 626323	66654 1549275	131994	226444	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234
 SDG No.: 200-20955-1
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 581305	5524 786498	15093 1580002	183849	383629	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 237523	++++ 324034	++++ 626835	76637	155867	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon 113	BCM	Ave	++++ 2306374	35110 3038104	79395 5837171	808116	1592514	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 1078004	++++ 1440385	++++ 2826103	354054	739217	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 1125892	++++ 1591853	++++ 2879495	391667	750249	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 2596279	++++ 3234115	++++ 6427705	831075	1626028	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 961747	++++ 1302161	++++ 2486222	316558	638753	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Allyl chloride	BCM	Ave	++++ 829304	++++ 1129901	++++ 2265645	252541	543129	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 411094	++++ 566435	++++ 1093925	142489	277223	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 744018	++++ 1005390	++++ 2025034	257469	505909	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1783773	++++ 2441672	++++ 4658737	535129	1146724	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 3170295	++++ 4285532	++++ 8388437	980616	2031361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 1292403	++++ 1723602	++++ 3411936	433458	867076	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 496804	++++ 668184	++++ 1365965	12951	159777	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexane	BCM	Ave	++++ 1189586	++++ 1605996	++++ 3163901	385941	788682	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	++++ 1595192	++++ 2164552	++++ 4305646	50341	539837	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1751501	++++ 2410980	++++ 4741059	542530	1146393	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 1141574	++++ 1582116	++++ 3084080	32364	386761	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 466744	++++ 636539	++++ 1211726	16509	154286	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 94117	++++ 126901	++++ 253596	30878	61836	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 690927	++++ 952136	++++ 1880073	222914	457039	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 68234

SDG No.: 200-20955-1

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 2430240	34468 3317829	82871 6452059	839011	1649325	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 1414803	12613 1919134	33475 3634256	469748	957033	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 2917040	39303 3959774	92001 7644188	987246	1968604	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	8697 3218312	44782 4337444	101161 8456206	1073132	2161114	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 3911322	30569 5233844	82834 9832262	1284681	2610676	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 3027632	39250 4071533	98915 7794483	1074151	2086670	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 1547719	20756 2108882	47698 4176790	515799	1031280	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Heptane	DFB	Ave	++++ 1220006	8920 1627119	26991 3119323	404843	813077	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 393100	++++ 578640	++++ 1126195	109119	273216	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	3407 1614737	18767 2178196	47767 4215341	548439	1093818	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 947244	12023 1268562	28669 2485785	315796	633574	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 1068481	++++ 1439673	23159 2888354	334014	689745	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 550207	++++ 728137	++++ 1345638	196887	391865	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 1894498	26683 2490929	62781 4755977	673103	1293999	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 2748878	34126 3678848	83907 7195458	924191	1820765	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 1750127	13630 2400930	34655 4831261	545437	1150881	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 1678347	++++ 2240568	31716 4374920	535897	1109388	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 1590149	11592 2074970	37852 3789224	579055	1086165	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 2371159	25558 3095855	73260 5834314	882590	1640930	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 1979602	15715 2696132	44645 5475160	619426	1285366	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 1153540	14922 1543025	35957 3044405	399446	772501	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-1 Analy Batch No.: 68234
 SDG No.: 200-20955-1
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	6037 2885651	35883 3817042	88985 7188363	1020413	1955557	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1521211	++++ 2111642	21708 4156948	443501	999194	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 3381129	36375 4523936	93585 8774775	1138452	2243618	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 2498481	25783 3368163	66106 6625295	829518	1647907	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 3746501	53470 4973639	129862 9580082	1330706	2507389	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 5769956	58807 7636888	155744 14213914	2028333	3850088	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 1956375	17070 2571881	53782 4793442	696553	1317312	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 4513409	46562 5905377	139833 10940635	1675100	3079468	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 2337173	17232 3079865	52242 5820499	826439	1565048	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 3533241	22885 4677097	77369 8924095	1240344	2307779	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 3495836	34644 4598090	92486 8504614	1186666	2310981	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 7235379	49913 9442987	172015 16571499	2596374	4904975	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 3081214	42226 4060277	103396 7354083	1112645	2110021	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 8010892	73520 10306137	219094 17147954	2968983	5484899	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 2458252	++++ 3249502	83276 5927464	882232	1679144	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 2713052	++++ 3487876	72633 6090541	992488	1831550	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 7409410	77066 9515286	226925 16015232	2744394	5051019	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 6297673	74427 8101828	201834 14469307	2311137	4210305	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 6799820	74782 8755104	208827 15053321	2501007	4581558	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 3365446	17264 4431870	53663 8283686	1135811	2172262	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 6641827	63525 8571312	204550 14879192	2538938	4623515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-1

Analy Batch No.: 68234

SDG No.: 200-20955-1

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 6788417	58508 8763488	192945 15215793	2503522	4494942	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 9059791	86979 11547049	274870 19130372	3515887	6292317	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 8287851	67956 10584636	228988 17749239	3130978	5659873	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 4808668	52373 6295982	143765 11371054	1675063	2996936	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 4756349	42316 6263556	120110 11376207	1579835	2911165	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 4855035	23594 6747945	70400 13049488	1396458	2879263	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 2770918	++++ 3484036	++++ 5961631	1039378	1771437	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 6158663	55546 7909203	183834 13698552	2306191	4052857	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 4708714	49347 6199708	136043 11211062	1648253	2985364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 2361611	++++ 3032210	++++ 921744	643320	1198806	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 2957719	++++ 4005998	40734 6630259	776311	1455819	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachloro-1,3-butadiene	CBZ	Ave	++++ 3811308	48507 4829134	117807 5670385	1379928	2517277	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 6251138	++++ 8113281	47038 14116069	1507181	2874765	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 2955162	++++ 3927460	19032 4461825	35855	837537	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 11-Feb-2014 19:12:30 ALS Bottle#: 2 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-004
 Misc. Info.: IC 01
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:23 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:19:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.383					
2 Dichlorodifluoromethane	85		4.479					
6 Chlorodifluoromethane	51		4.544					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.832					
8 Chloromethane	50		5.025					
9 Butane	43		5.287					
10 Vinyl chloride	62	5.341	5.346	-0.005	22	2173	0.0492	
11 Butadiene	54		5.442					
13 BFB								
12 Bromomethane	94		6.314					
14 Chloroethane	64		6.598					
15 2-Methylbutane	43		6.678					
16 Vinyl bromide	106		7.079					
17 Trichlorofluoromethane	101		7.192					
18 Pentane	43		7.357					
19 Ethanol	45		7.796					
21 Ethyl ether	59		7.941					
22 Acrolein	56		8.406					
23 1,1,2-Trichloro-1,2,2-trifluoro	101		8.443					
24 1,1-Dichloroethene	96		8.518					
25 Acetone	43		8.748					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.032					
29 3-Chloro-1-propene	41		9.406					
30 Acetonitrile	41		9.535					
31 Methylene Chloride	49		9.733					
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.161					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.236					

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags				
	35			53	10.385						
	36			57	10.653						
	37			63	11.215	11.199	0.016	28	4265	0.0488	
	38			43		11.236					
	39			96		12.375					
	40			72		12.392					
	42			88		12.413					
	44			42		12.846					
*	43			128	12.857	12.852	0.005	69	390192	10.0	
	45			83		12.964					
	46			84		13.264					
	47			97		13.280					
	48			117	13.531	13.531	0.0	76	8697	0.0493	
	51			57		13.927					
	50			78		13.986					
	52			62		14.141					
	53			43		14.275					
*	54			114	14.746	14.745	0.001	92	1852198	10.0	
A	57			1	14.769	6.668 - 22.871		0	946300	0	
	55			56		15.024					
	56			95	15.206	15.211	-0.005	63	3407	0.0410	M
	58			63		15.730					
	59			69		15.815					
	60			88		15.901					
	61			174		15.970					
	62			83		16.222					
A	63			1		4.373	28.889				
	64			75		17.083					
	65			43		17.324					
A	68			1	17.656	17.606 - 17.706		0	21364	NC	
	69			43		17.656					
	66			92		17.661					
A	67			1	17.661	17.621 - 17.701		0	21364	NC	
	70			75		18.191					
	71			83		18.560					
	72			166	18.694	18.699	-0.005	75	6037	0.0426	M
	73			43		18.950					
	74			129		19.314					
	75			107		19.603					
S	82			106		20.100					
*	76			117	20.443	20.443	0.0	83	1569098	10.0	
	77			112		20.502					
	78			91		20.614					
	79			57		20.673					
	80			106		20.833					
	83			106		21.545					
	84			104		21.582					
	85			173		21.962					
	86			105		22.112					
\$	87			95	22.444	22.444	0.0	97	1030107	NC	
	88			83		22.668					
	90			91		22.743					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
89	1,2,3-Trichloropropane		75		22.770		
93	n-Decane		57		22.861		
91	4-Ethyltoluene		105		22.909		
92	2-Chlorotoluene		91		22.946		
94	1,3,5-Trimethylbenzene		105		23.005		
95	Alpha Methyl Styrene		118		23.353		
96	tert-Butylbenzene		119		23.481		
97	1,2,4-Trimethylbenzene		105		23.572		
98	sec-Butylbenzene		105		23.808		
99	4-Isopropyltoluene		119		24.011		
100	1,3-Dichlorobenzene		146		24.081		
101	1,4-Dichlorobenzene		146		24.225		
102	Benzyl chloride		91		24.434		
104	Undecane		57		24.626		
103	n-Butylbenzene		91		24.653		
105	1,2-Dichlorobenzene		146		24.830		
106	Dodecane		57		26.434		
107	1,2,4-Trichlorobenzene		180		27.724		
108	Hexachlorobutadiene		225		27.927		
109	Naphthalene		128		28.312		
110	1,2,3-Trichlorobenzene		180		28.879		

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d

Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i

Lims ID: IC Lab Sample ID:

Operator ID: PAD

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

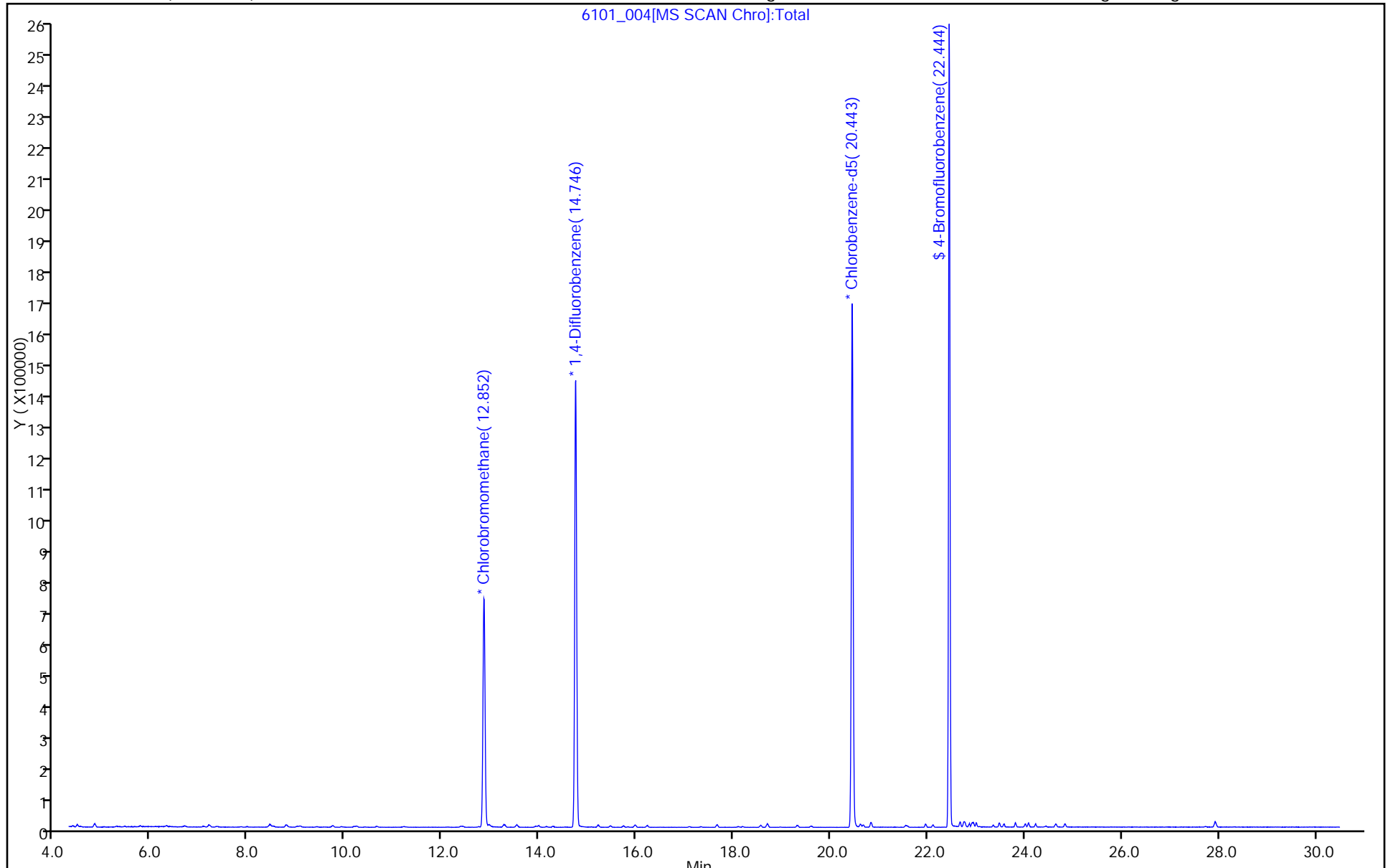
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



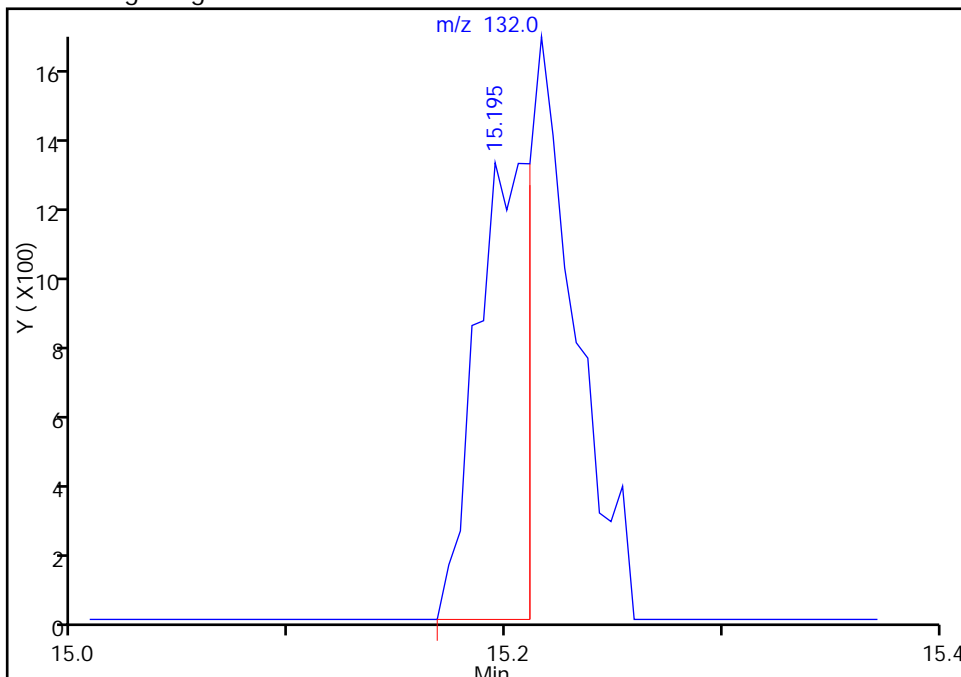
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

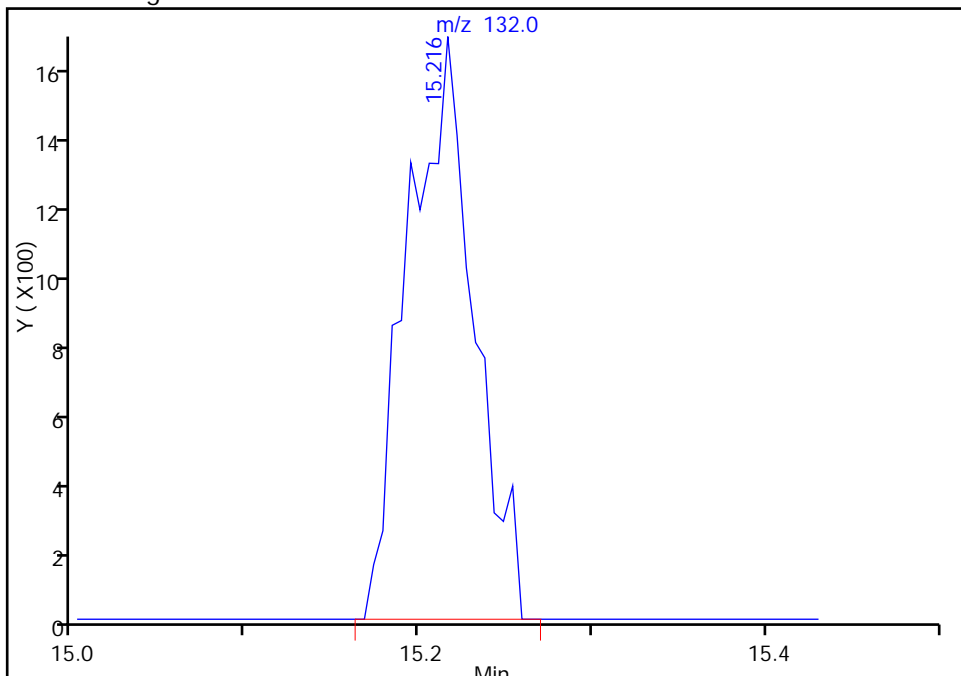
RT: 15.19
Response: 2350
Amount: 0.045894

Processing Integration Results



RT: 15.22
Response: 4494
Amount: 0.041004

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

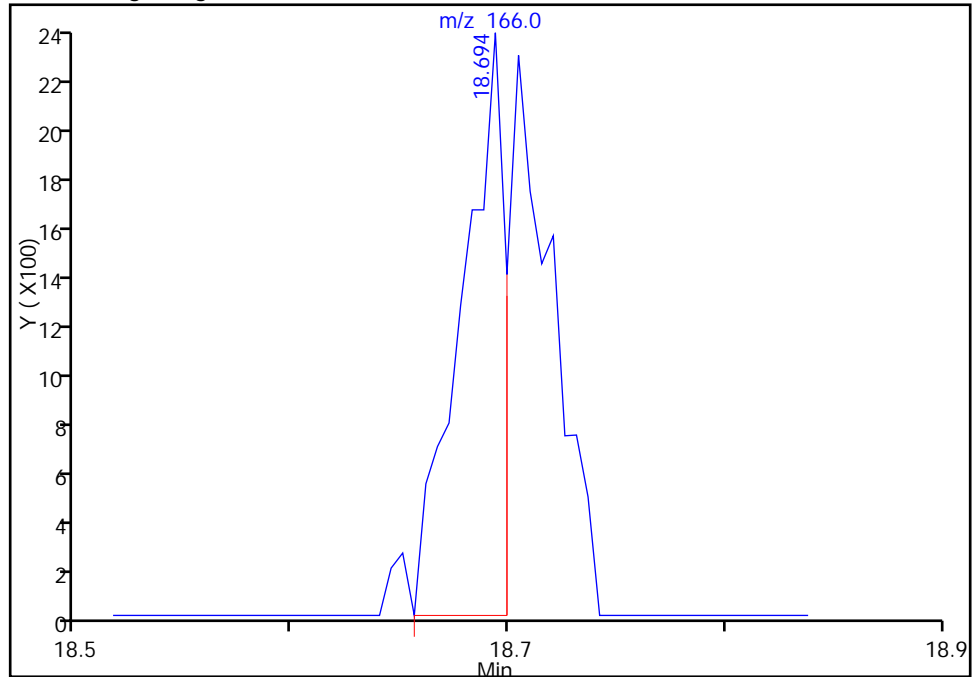
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

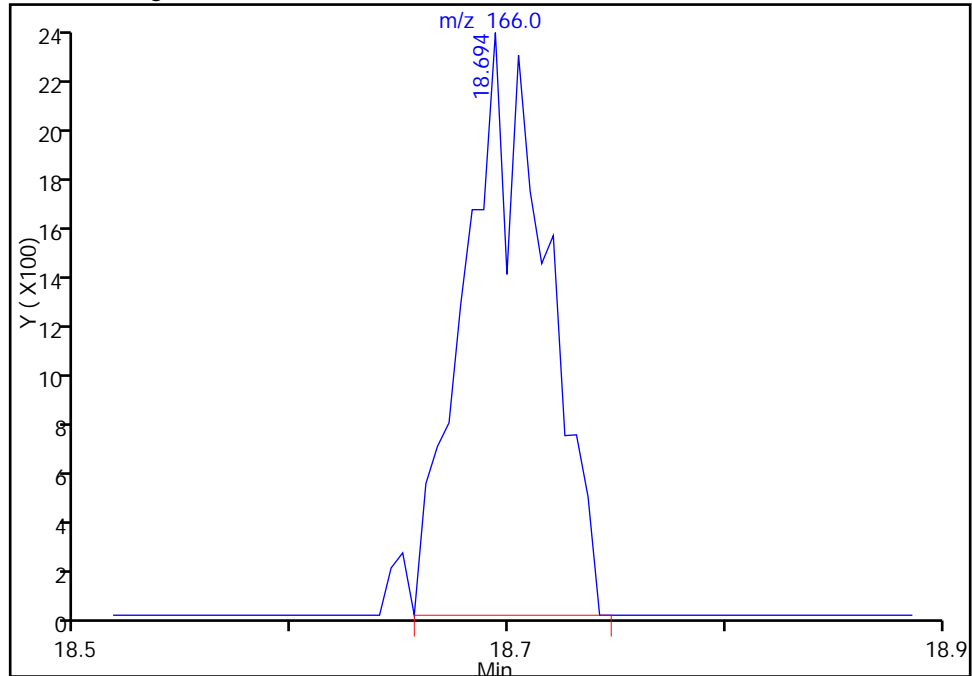
RT: 18.69
Response: 3238
Amount: 0.026017

Processing Integration Results



RT: 18.69
Response: 6037
Amount: 0.042635

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

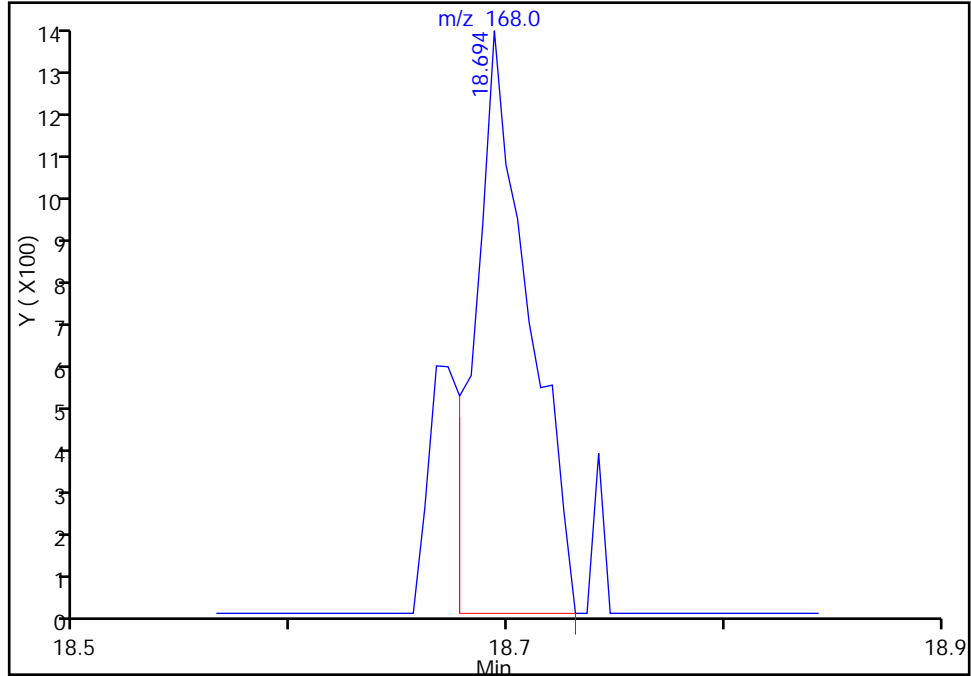
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

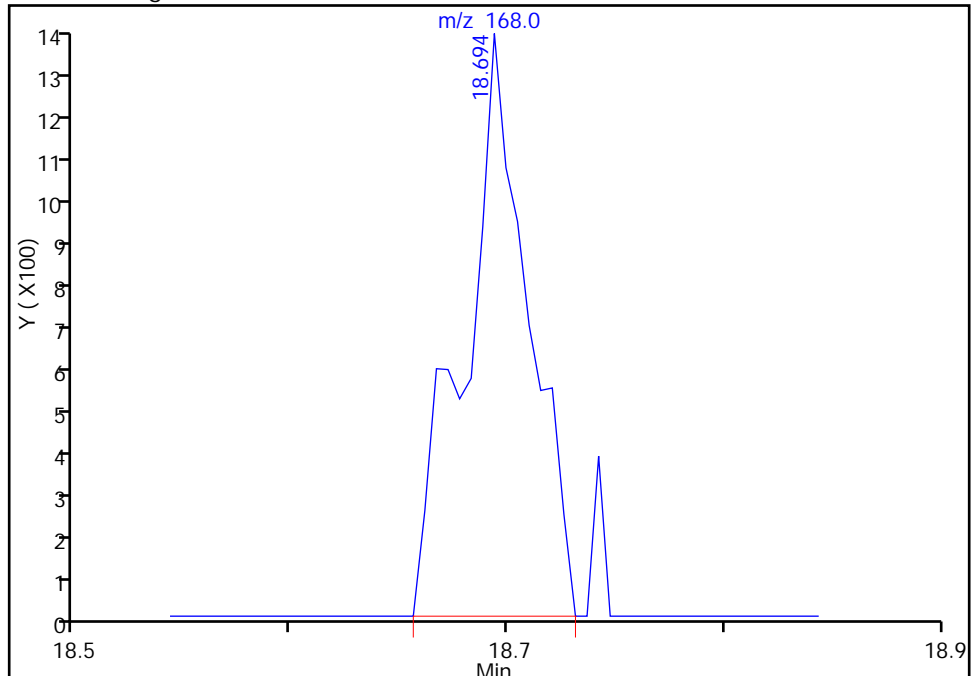
RT: 18.69
Response: 2394
Amount: 0.026017

Processing Integration Results



RT: 18.69
Response: 2855
Amount: 0.042635

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

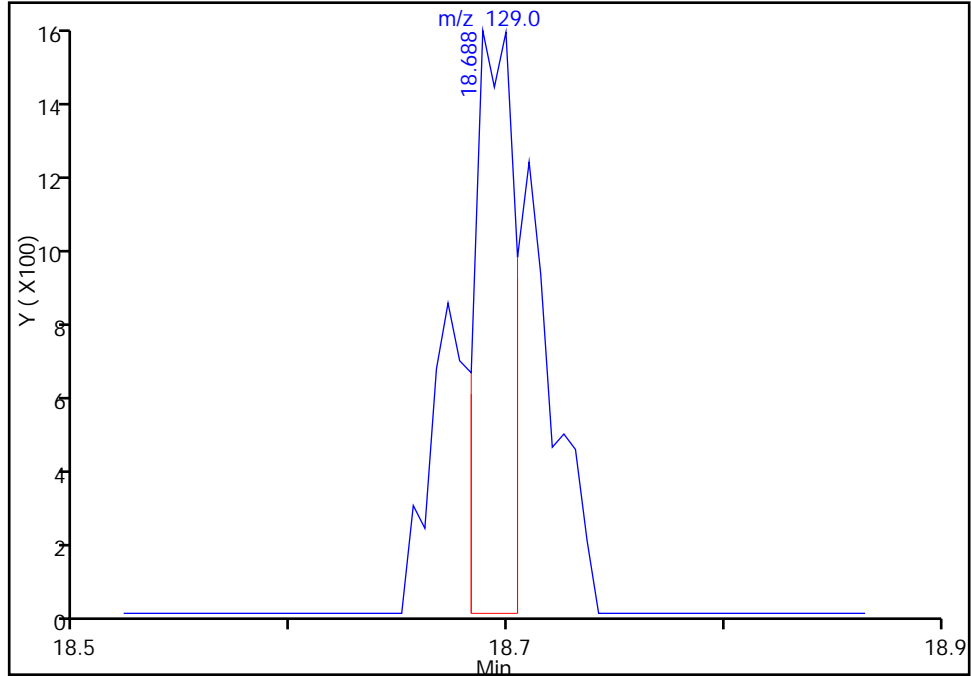
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

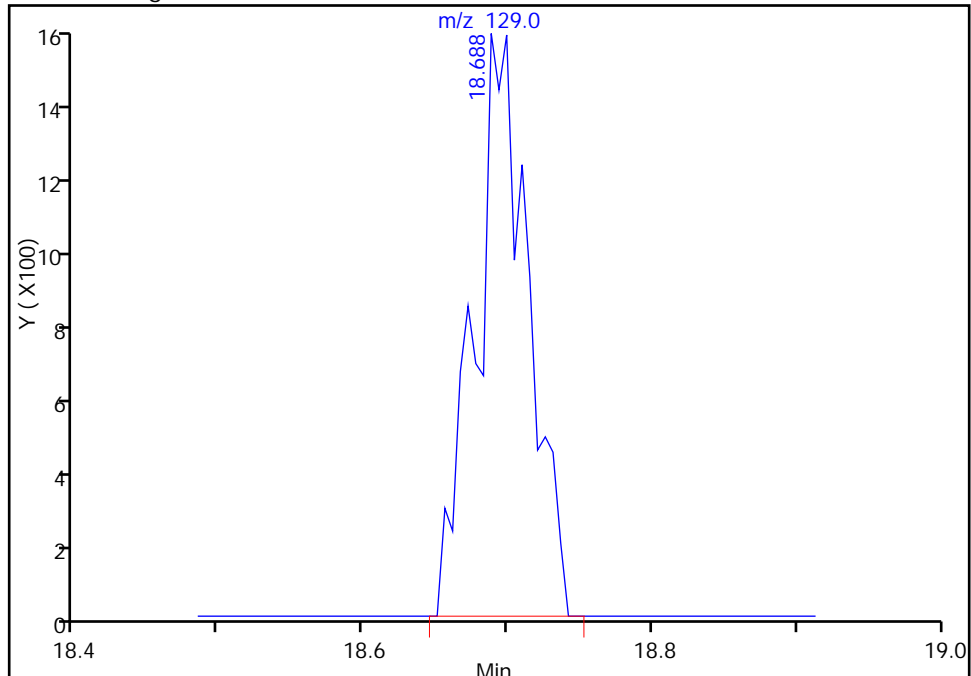
RT: 18.69
Response: 2002
Amount: 0.026017

Processing Integration Results



RT: 18.69
Response: 4079
Amount: 0.042635

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Feb-2014 20:02:30 ALS Bottle#: 2 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-005
 Misc. Info.: IC 02
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:25 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:18:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.372	4.383	-0.011	89	7919	0.2883	
2 Dichlorodifluoromethane	85	4.469	4.479	-0.010	88	51787	0.2721	
6 Chlorodifluoromethane	51	4.533	4.544	-0.011	69	19913	0.2762	M
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.822	4.832	-0.010	81	41809	0.2576	
8 Chloromethane	50	5.020	5.025	-0.005	93	8987	0.2743	M
9 Butane	43	5.277	5.287	-0.010	82	12854	0.2421	
10 Vinyl chloride	62	5.335	5.346	-0.011	60	10997	0.2333	
11 Butadiene	54	5.437	5.442	-0.005	85	6138	0.2117	
13 BFB								
12 Bromomethane	94	6.309	6.314	-0.005	88	12744	0.2614	
14 Chloroethane	64	6.598	6.598	0.0	69	6858	0.2734	
15 2-Methylbutane	43	6.684	6.678	0.006	88	9879	0.2438	
16 Vinyl bromide	106	7.079	7.079	0.0	90	14315	0.2203	
17 Trichlorofluoromethane	101	7.186	7.192	-0.006	94	54715	0.2565	
18 Pentane	43	7.363	7.357	0.006	94	12437	0.2190	
19 Ethanol	45	7.839	7.796	0.043	86	8302	0.6976	M
21 Ethyl ether	59	7.957	7.941	0.016	79	5524	0.1860	
22 Acrolein	56	8.433	8.406	0.027	1	2718	0.2177	M
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.449	8.443	0.006	89	35110	0.2630	
24 1,1-Dichloroethene	96	8.519	8.518	0.0	81	12306	0.2140	
25 Acetone	43	8.770	8.748	0.022	83	41430	0.6856	
26 Carbon disulfide	76	9.005	9.000	0.005	96	33981	0.2566	
27 Isopropyl alcohol	45	9.053	9.032	0.021	86	12986	0.2565	
29 3-Chloro-1-propene	41	9.396	9.406	-0.010	70	7746	0.1894	M
30 Acetonitrile	41	9.556	9.535	0.021	93	5686	0.2567	
31 Methylene Chloride	49	9.733	9.733	0.0	67	13057	0.3103	
32 2-Methyl-2-propanol	59	9.936	9.904	0.032	92	14141	0.1539	
33 Methyl tert-butyl ether	73	10.177	10.161	0.016	91	25387	0.1668	M
S 41 1,2-Dichloroethene, Total	61				0		0.4054	
34 trans-1,2-Dichloroethene	61	10.225	10.236	-0.011	69	14677	0.2117	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	35			10.391	10.385	0.006	78	5168	0.2004	M
	36			10.664	10.653	0.011	81	9334	0.1603	M
	37			11.199	11.199	0.0	87	22977	0.2463	
	38			11.247	11.236	0.011	96	12486	0.1440	
	39			12.376	12.375	0.001	73	11760	0.1936	
	40			12.397	12.392	0.005	91	5115	0.1999	
	42			12.418	12.413	0.005	91	942	0.1894	M
	44			12.884	12.846	0.038	26	6984	0.1850	
*	43			12.852	12.852	0.0	69	416155	10.0	
	45			12.959	12.964	-0.005	92	34468	0.2472	
	46			13.269	13.264	0.005	48	12613	0.1732	M
	47			13.285	13.280	0.005	87	39303	0.2360	M
	48			13.526	13.531	-0.005	88	44782	0.2355	
	51			13.927	13.927	0.0	94	30569	0.1576	
	50			13.991	13.986	0.005	93	39250	0.2258	
	52			14.136	14.141	-0.005	86	20756	0.2359	
	53			14.291	14.275	0.016	54	8920	0.1473	M
*	54			14.746	14.745	0.001	92	1994908	10.0	
A	57			14.769	6.668 - 22.871		0	4828527	0	
	55			15.050	15.024	0.026	80	3340	0.1548	M
	56			15.206	15.211	-0.005	91	18767	0.2097	
	58			15.725	15.730	-0.005	78	12023	0.2271	
	59			15.826	15.815	0.011	62	6449	0.1175	
	60			15.928	15.901	0.027	62	6387	0.2099	M
	61			15.971	15.970	0.001	83	26683	0.2431	
	62			16.222	16.222	0.0	95	34126	0.2227	
A	63			16.631	4.373 - 28.889		0	8245530	57.0	
	64			17.083	17.083	0.0	75	13630	0.1573	M
	65			17.324	17.324	0.0	90	10964	0.1292	
A	68			17.656	17.606 - 17.706		0	170333	NC	
	69			17.661	17.656	0.005	67	11592	0.1444	
	66			17.666	17.661	0.005	93	25558	0.2013	
A	67			17.661	17.621 - 17.701		0	170333	NC	
	70			18.185	18.191	-0.006	75	15715	0.1580	M
	71			18.555	18.560	-0.005	89	14922	0.2357	
	72			18.694	18.699	-0.005	94	35883	0.2271	
	73			18.956	18.950	0.006	80	6782	0.0949	M
	74			19.314	19.314	0.0	94	36375	0.2069	
	75			19.592	19.603	-0.011	94	25783	0.2007	
S	82						0		0.5417	
*	76			20.443	20.443	0.0	83	1750944	10.0	
	77			20.496	20.502	-0.006	81	53470	0.2517	
	78			20.614	20.614	0.0	95	58807	0.1982	M
	79			20.673	20.673	0.0	70	17070	0.1724	
	80			20.834	20.833	0.001	100	46562	0.3891	
	83			21.545	21.545	0.0	88	17232	0.1526	
	84			21.582	21.582	0.0	72	22885	0.1366	M
	85			21.962	21.962	0.0	98	34644	0.1959	
	86			22.112	22.112	0.0	89	49913	0.1437	
\$	87			22.444	22.444	0.0	97	1125306	NC	
	88			22.668	22.668	0.0	89	42226	0.2454	
	90			22.743	22.743	0.0	98	73520	0.1819	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	90	34156	0.2579	
93	n-Decane		57	22.856	22.861	-0.005	76	21625	0.1560	
91	4-Ethyltoluene		105	22.909	22.909	0.0	85	77066	0.1994	
92	2-Chlorotoluene		91	22.941	22.946	-0.005	87	74427	0.2202	
94	1,3,5-Trimethylbenzene		105	23.000	23.005	-0.005	91	74782	0.2090	
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	80	17264	0.1158	
96	tert-Butylbenzene		119	23.476	23.481	-0.005	91	63525	0.1828	
97	1,2,4-Trimethylbenzene		105	23.567	23.572	-0.005	93	58508	0.1714	
98	sec-Butylbenzene		105	23.803	23.808	-0.005	97	86979	0.1849	
99	4-Isopropyltoluene		119	24.011	24.011	0.0	82	67956	0.1642	
100	1,3-Dichlorobenzene		146	24.075	24.081	-0.006	97	52373	0.2105	
101	1,4-Dichlorobenzene		146	24.220	24.225	-0.005	96	42316	0.1827	
102	Benzyl chloride		91	24.429	24.434	-0.005	91	23594	0.1134	
104	Undecane		57	24.632	24.626	0.006	81	16003	0.1139	
103	n-Butylbenzene		91	24.648	24.653	-0.005	93	55546	0.1770	
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	96	49347	0.2037	
106	Dodecane		57	26.440	26.434	0.006	74	5276	0.0574	
107	1,2,4-Trichlorobenzene		180	27.719	27.724	-0.005	63	16995	0.1366	
108	Hexachlorobutadiene		225	27.922	27.927	-0.005	92	48507	0.2465	
109	Naphthalene		128	28.302	28.312	-0.010	88	24028	0.0990	M
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	77	19032	0.1641	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d

Injection Date: 11-Feb-2014 20:02:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

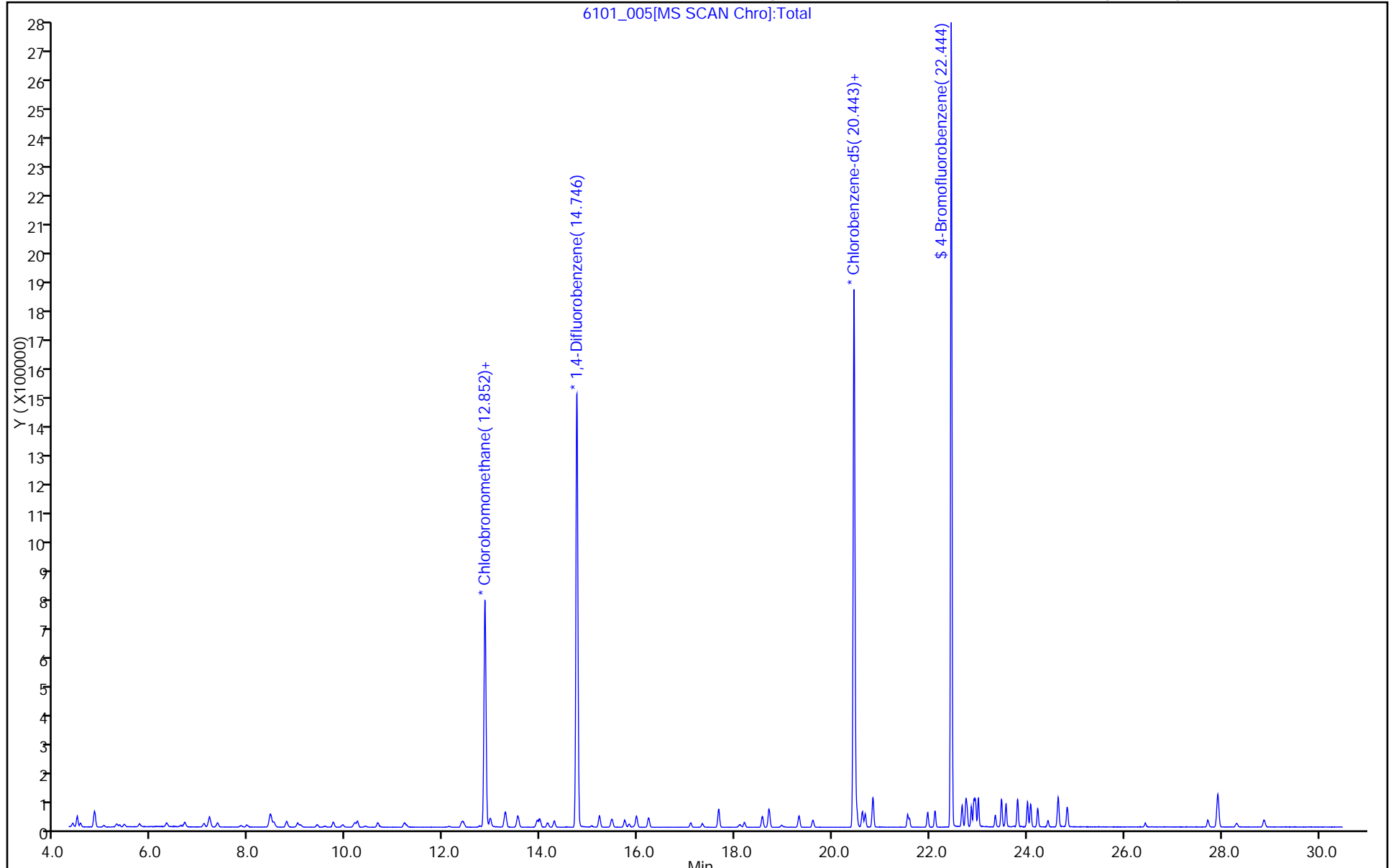
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



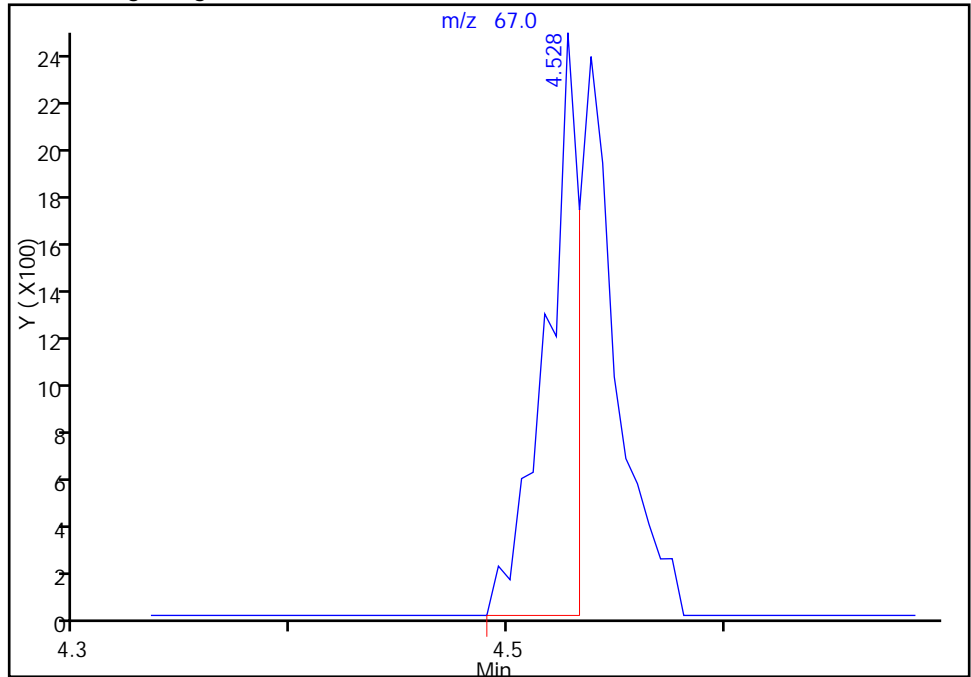
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

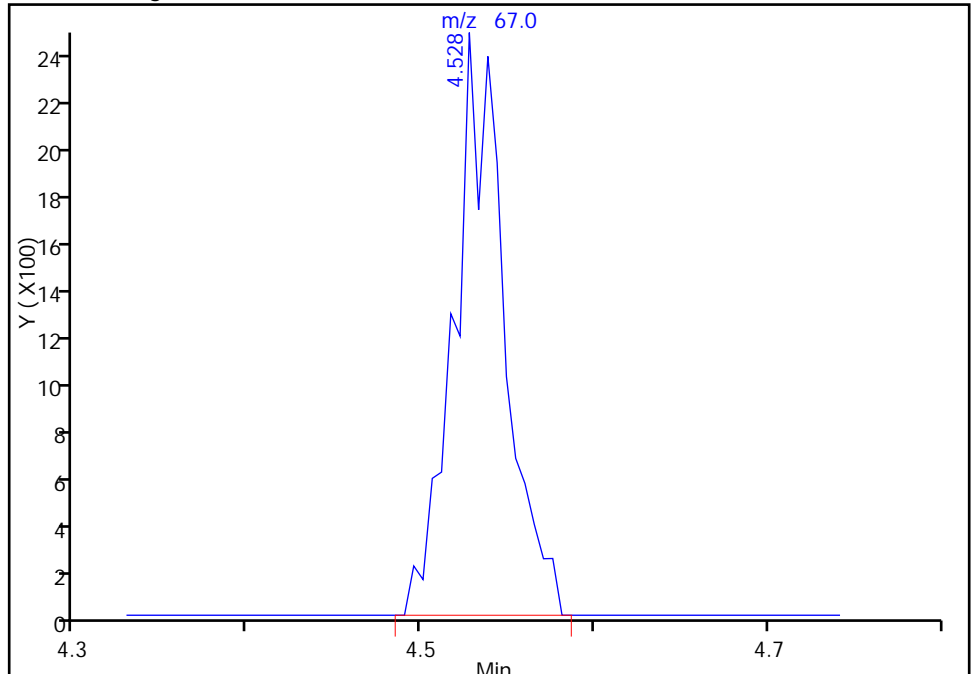
RT: 4.53
Response: 2658
Amount: 0.291066

Processing Integration Results



RT: 4.53
Response: 5054
Amount: 0.276187

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

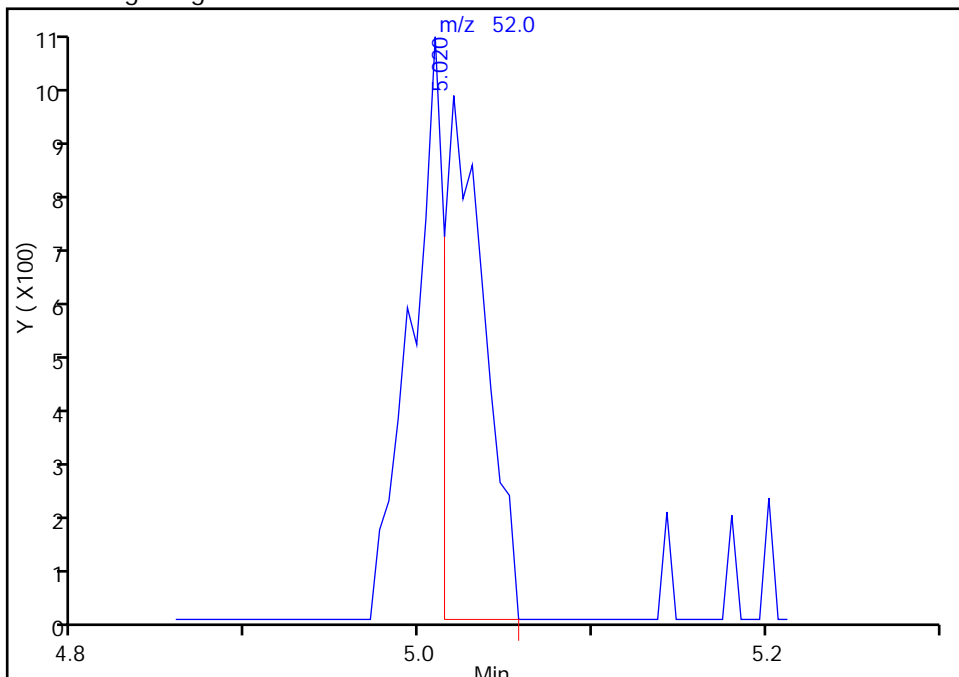
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3

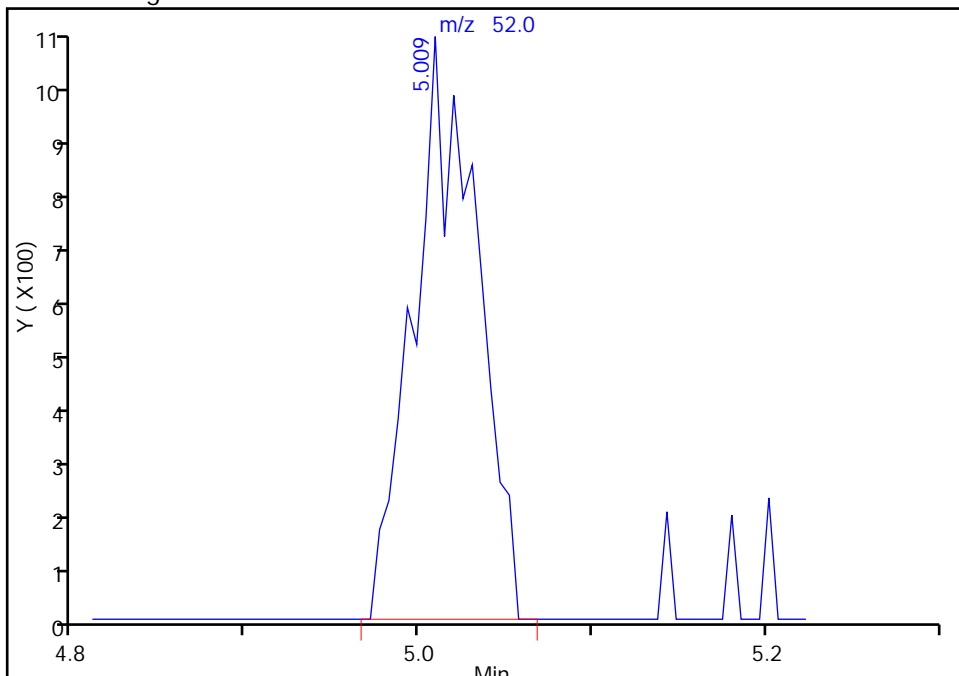
RT: 5.02
Response: 1572
Amount: 0.293440

Processing Integration Results



RT: 5.01
Response: 2760
Amount: 0.274303

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

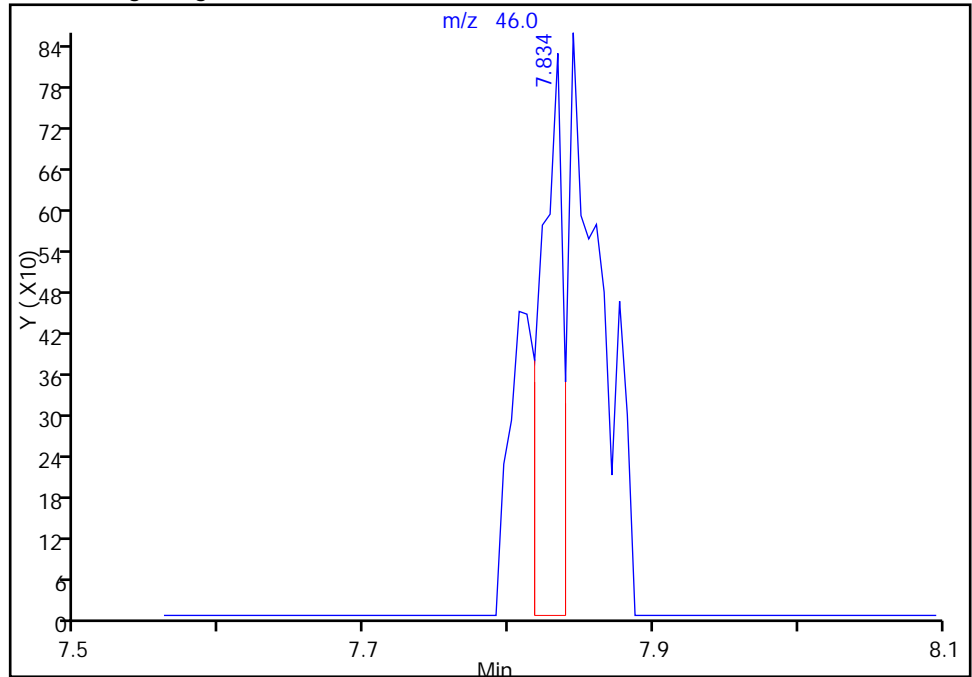
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

19 Ethanol, CAS: 64-17-5

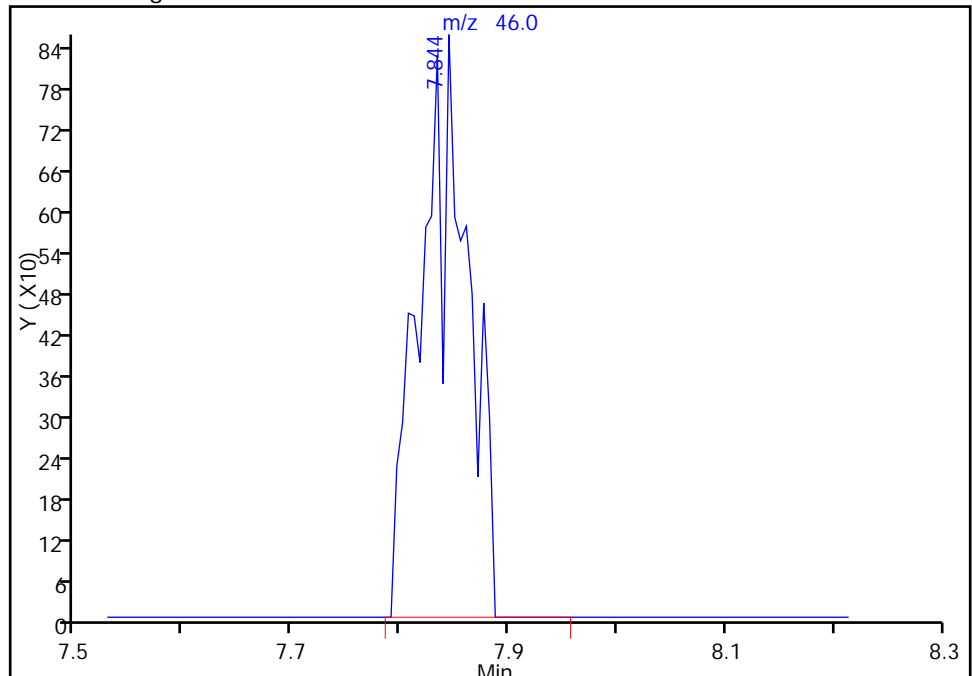
RT: 7.83
Response: 863
Amount: 0.710735

Processing Integration Results



RT: 7.84
Response: 2589
Amount: 0.697629

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

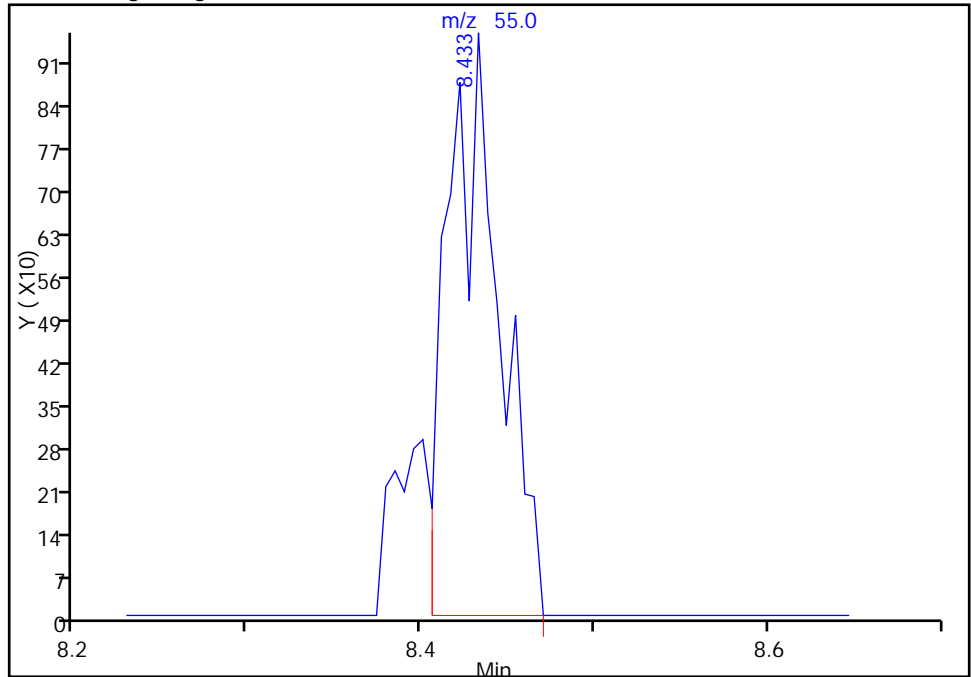
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

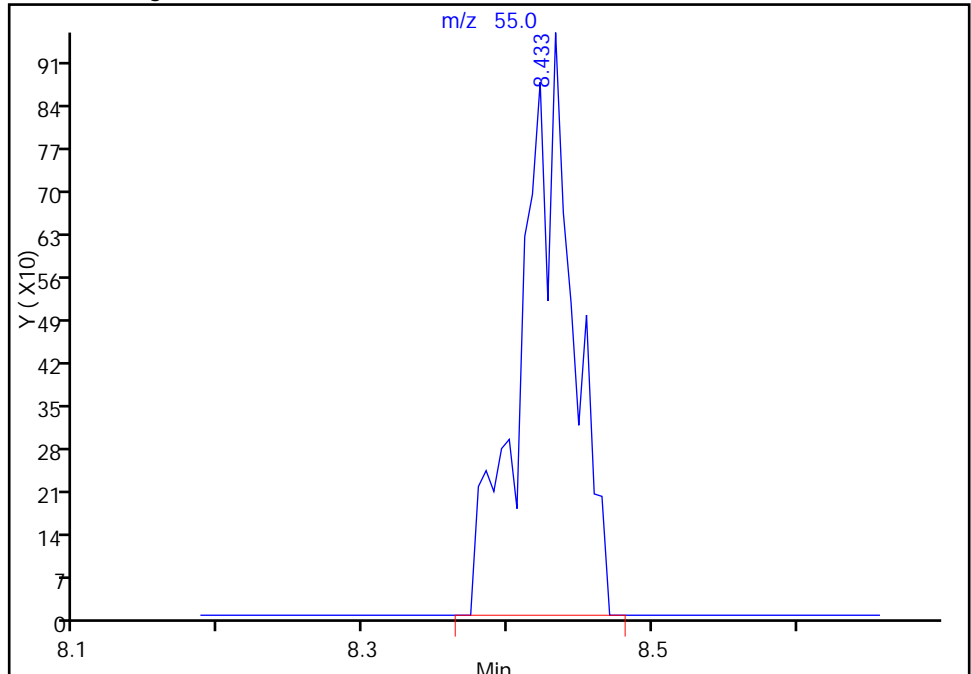
RT: 8.43
Response: 1981
Amount: 0.233126

Processing Integration Results



RT: 8.43
Response: 2369
Amount: 0.217686

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

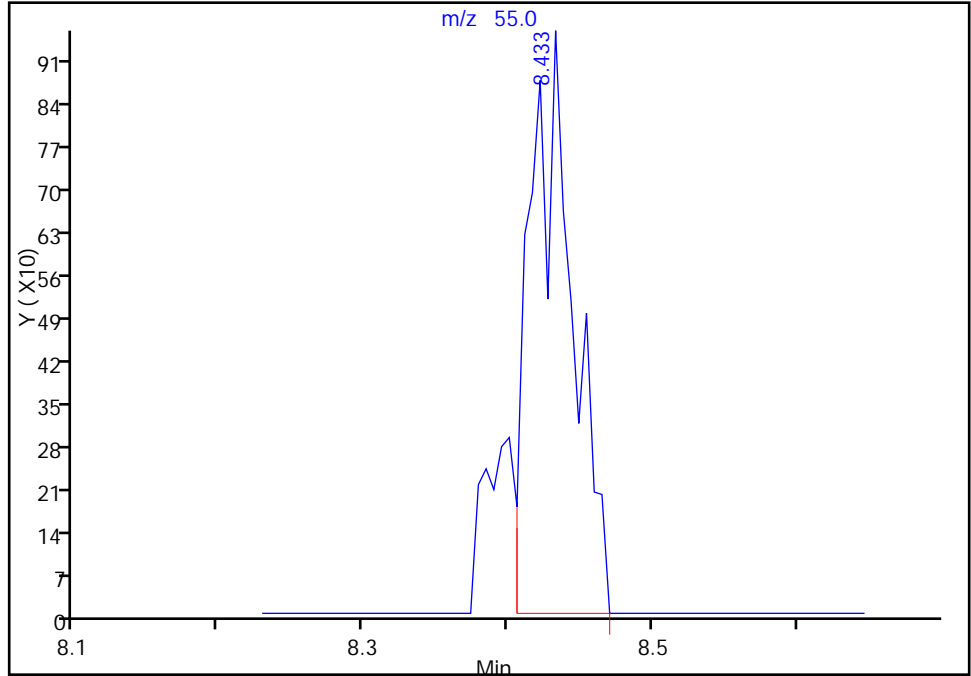
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

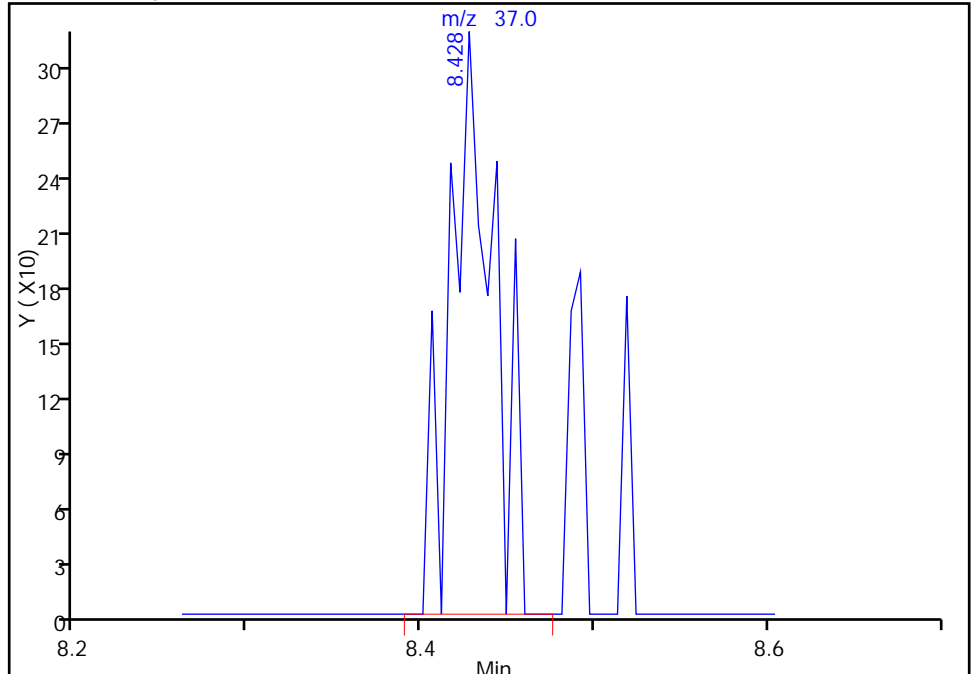
RT: 8.41
Response: 0
Amount: 0.233126

Processing Integration Results



RT: 8.43
Response: 554
Amount: 0.217686

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

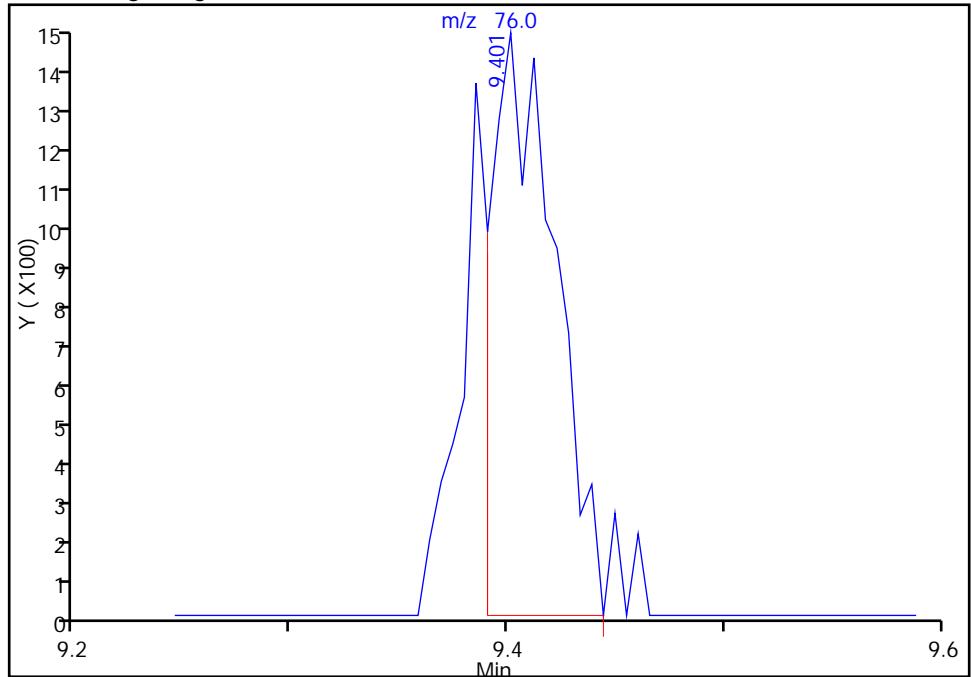
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

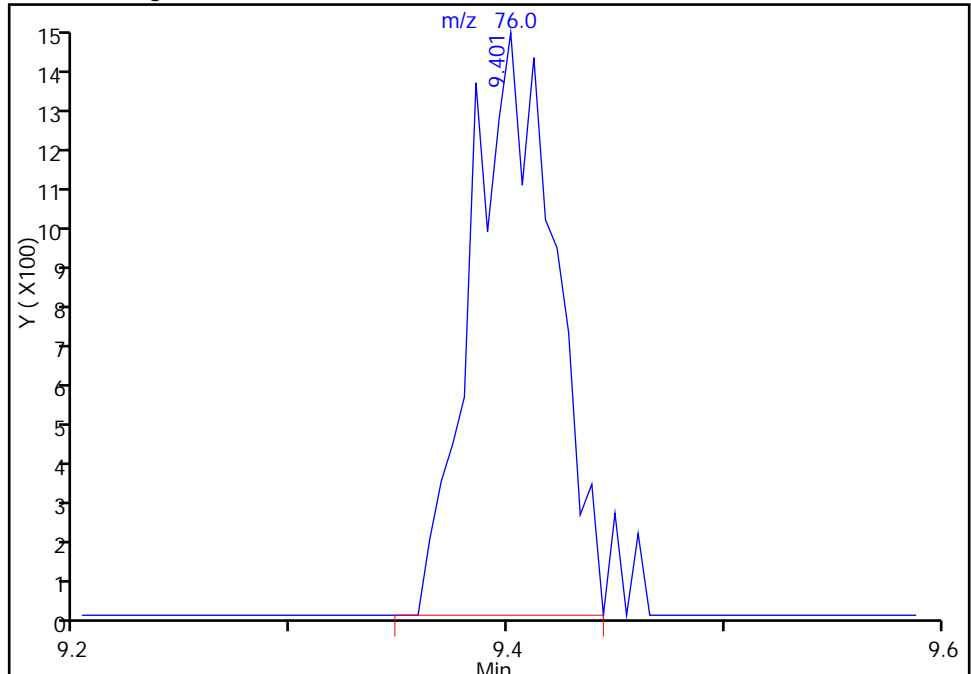
RT: 9.40
Response: 3049
Amount: 0.212438

Processing Integration Results



RT: 9.40
Response: 3975
Amount: 0.189416

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

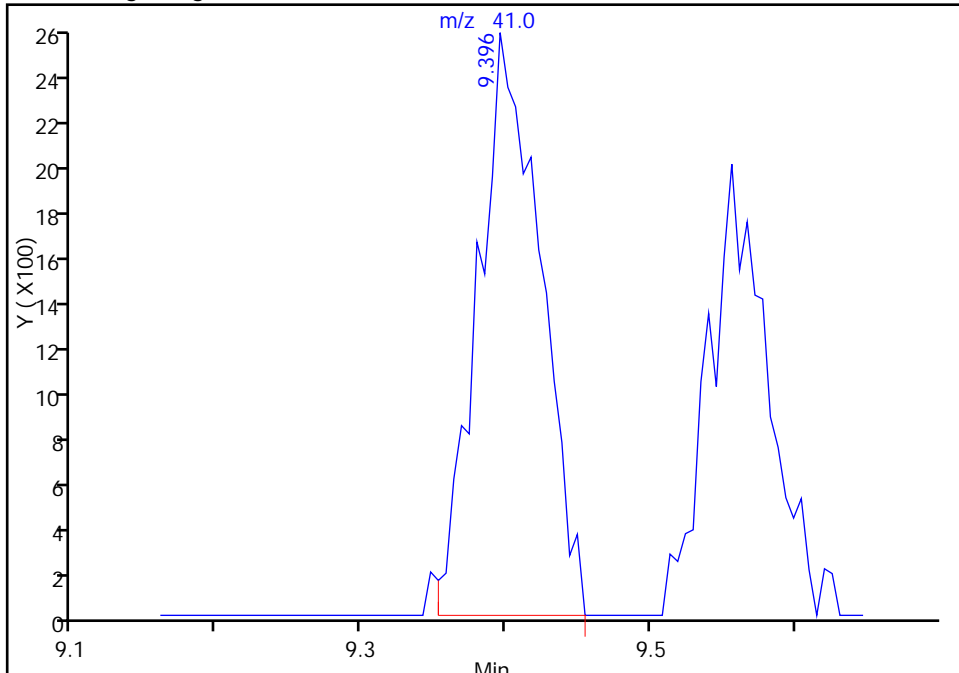
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

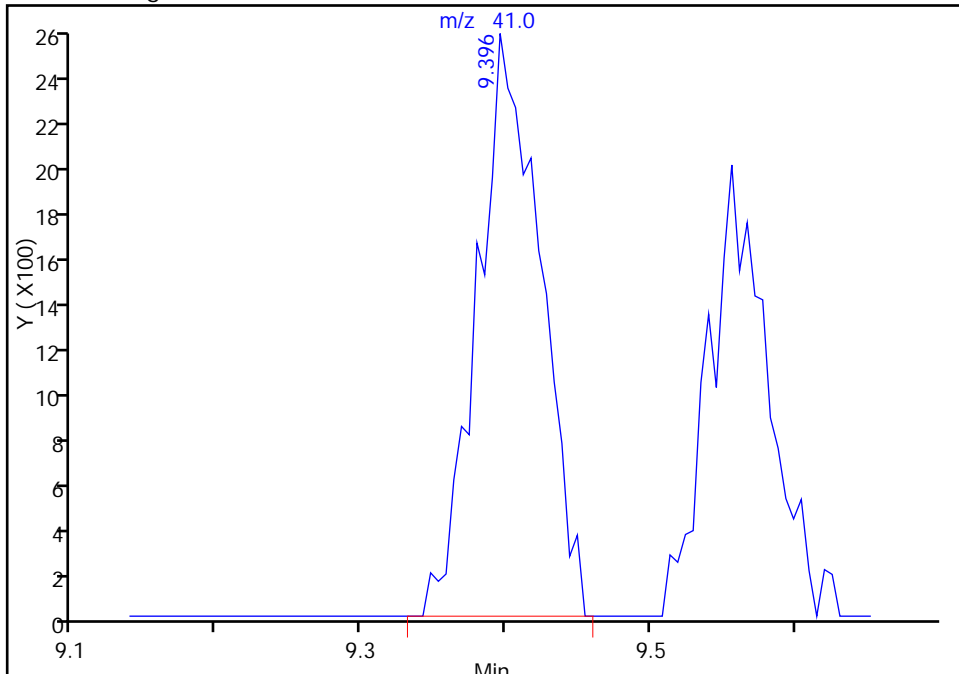
RT: 9.40
Response: 7686
Amount: 0.212438

Processing Integration Results



RT: 9.40
Response: 7746
Amount: 0.189416

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

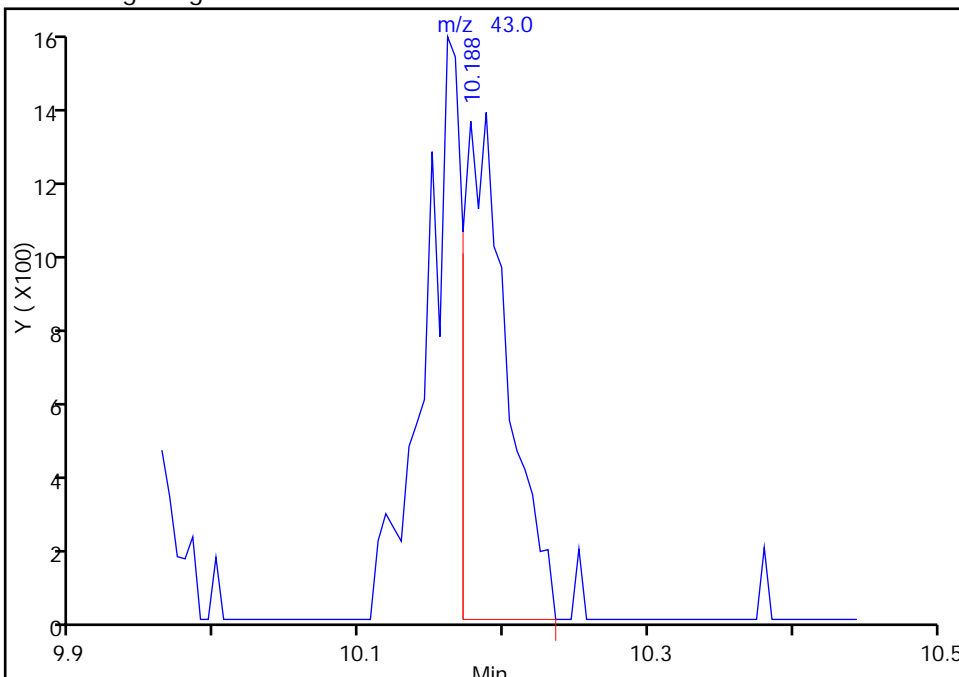
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

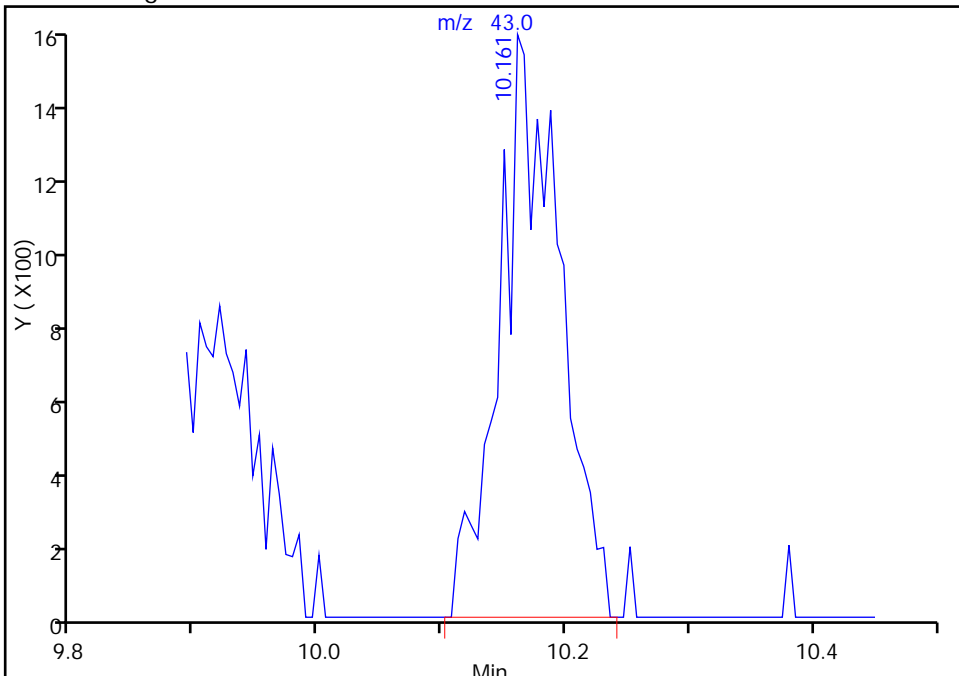
RT: 10.19
Response: 2892
Amount: 0.186665

Processing Integration Results



RT: 10.16
Response: 5374
Amount: 0.166753

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

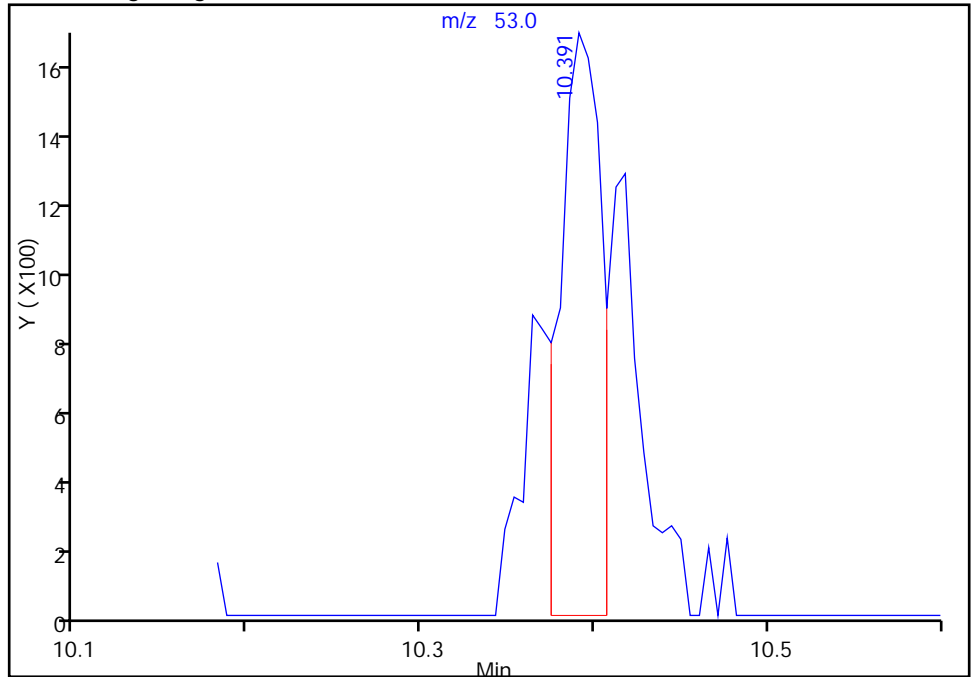
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

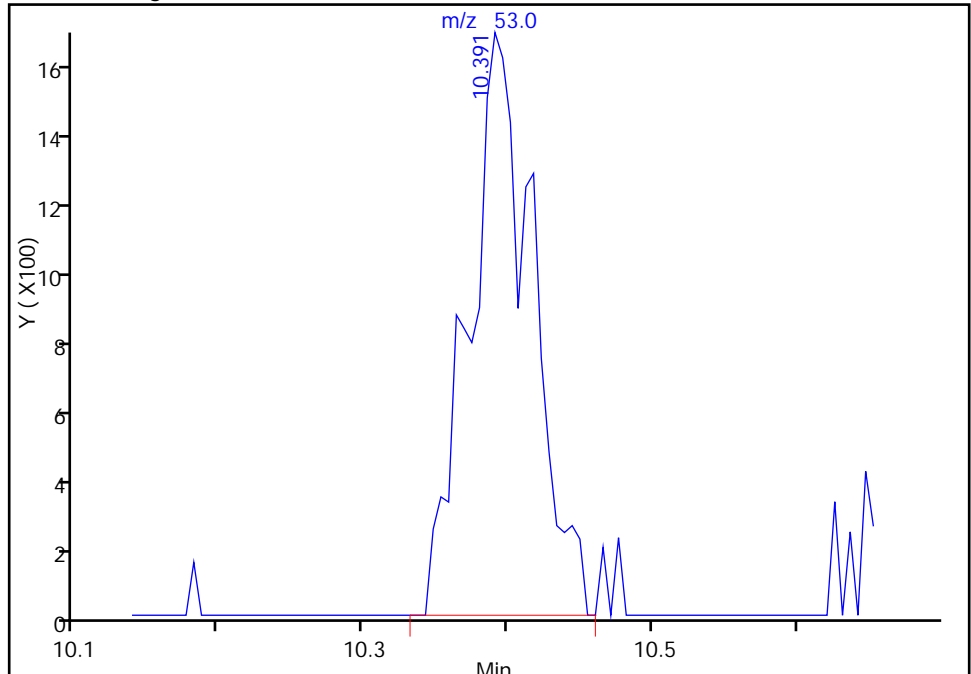
RT: 10.39
Response: 2817
Amount: 0.131257

Processing Integration Results



RT: 10.39
Response: 5168
Amount: 0.200429

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

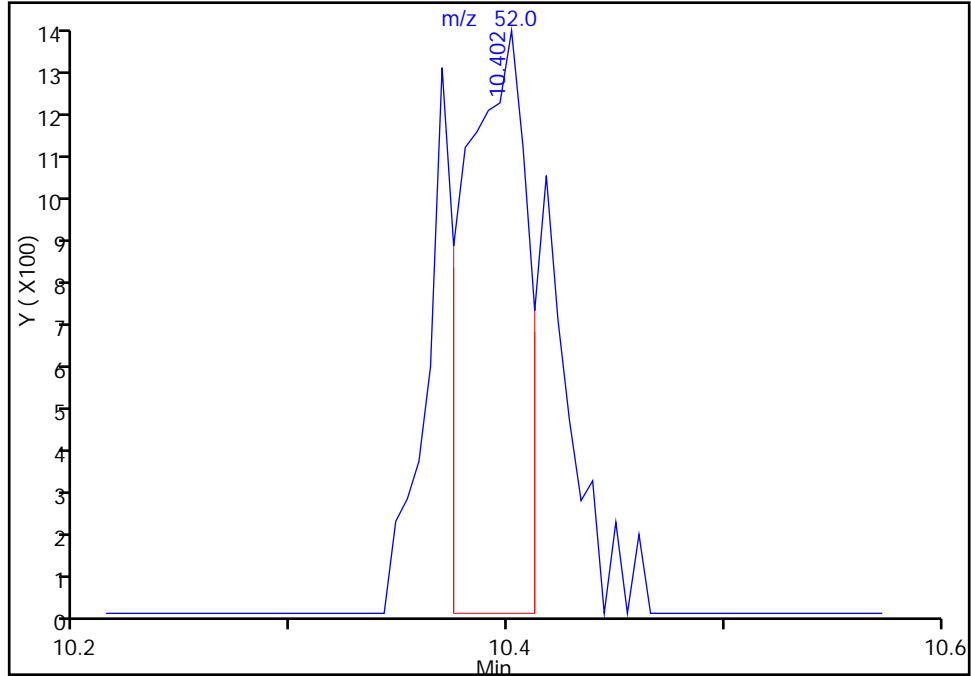
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

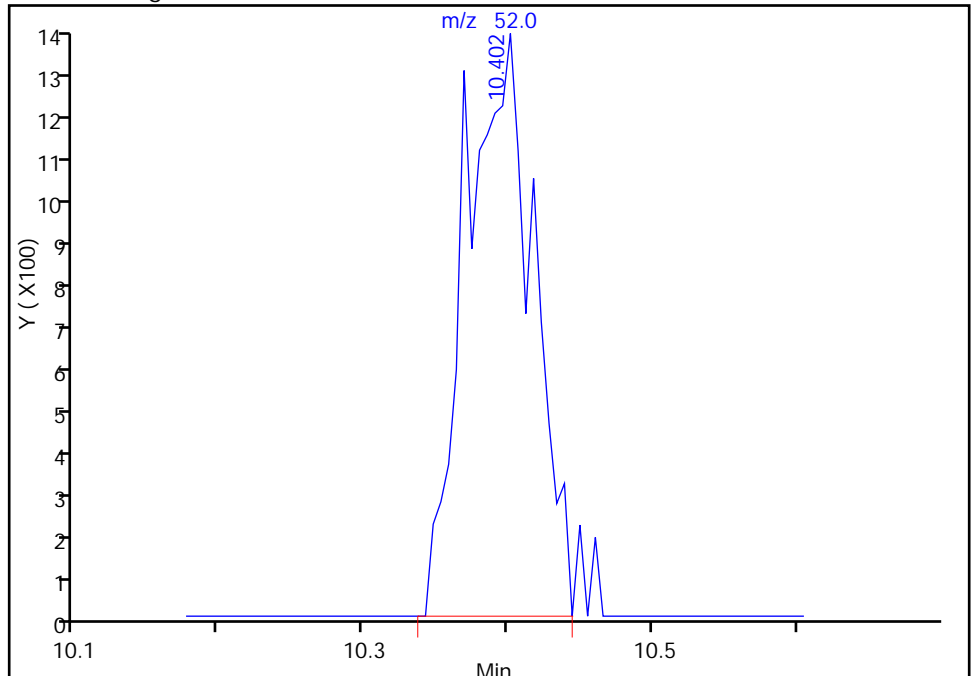
RT: 10.40
Response: 2680
Amount: 0.131257

Processing Integration Results



RT: 10.40
Response: 4372
Amount: 0.200429

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

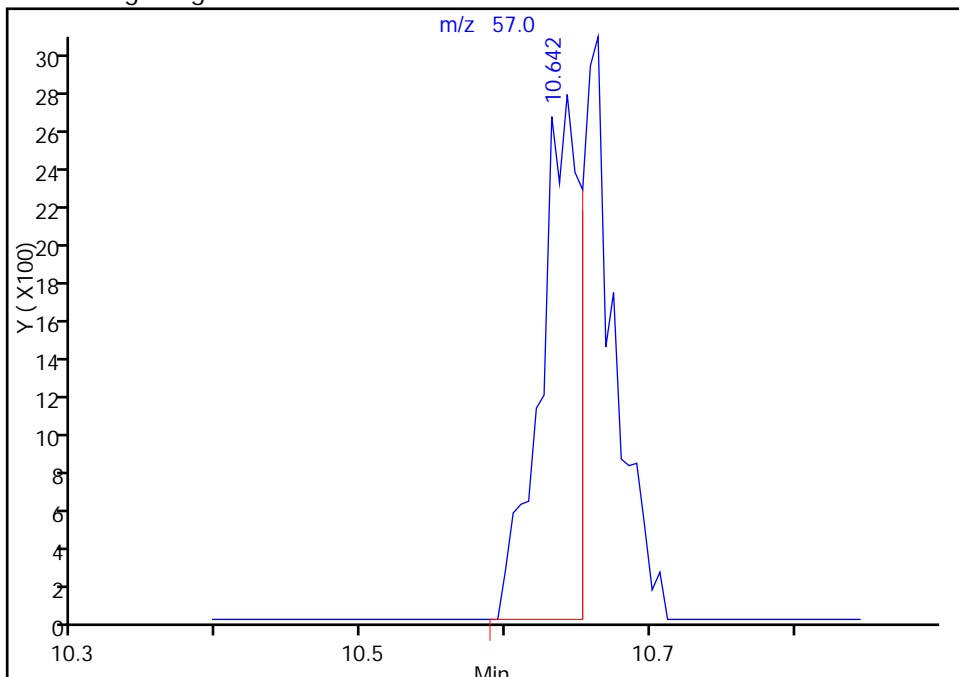
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

36 Hexane, CAS: 110-54-3

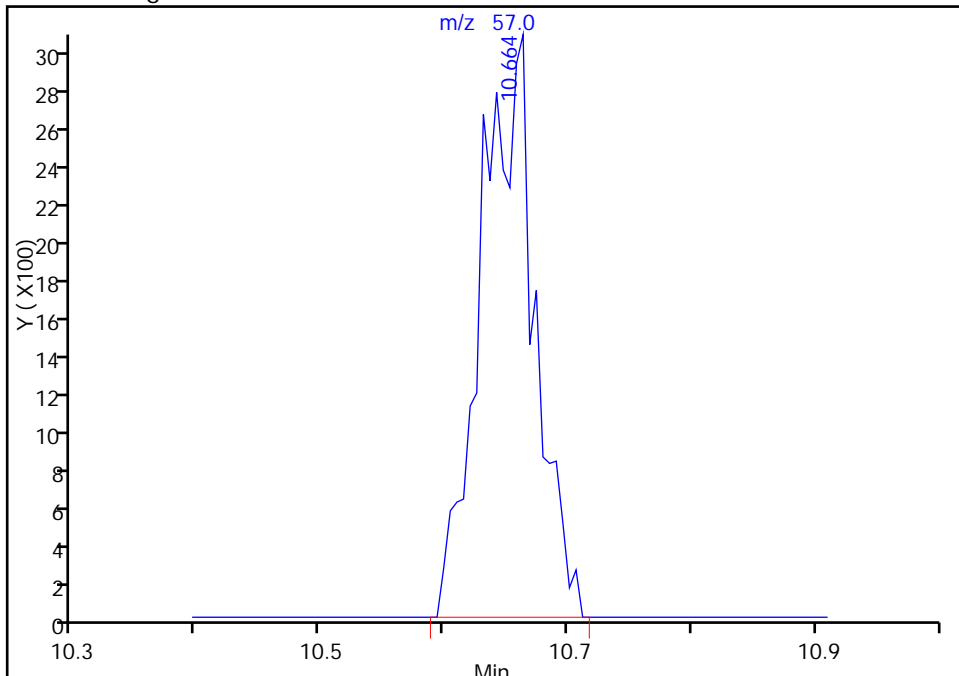
RT: 10.64
Response: 5331
Amount: 0.108649

Processing Integration Results



RT: 10.66
Response: 9334
Amount: 0.160251

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

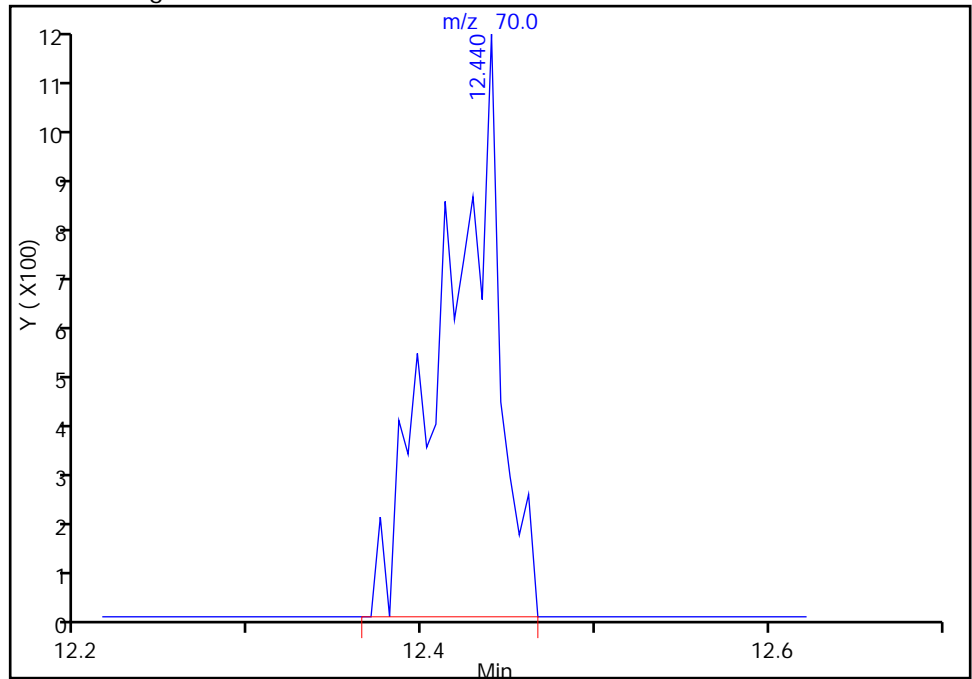
42 Ethyl acetate, CAS: 141-78-6

Processing Integration Results

RT: 12.41
Response: 0
Amount: 0.143118

RT: 12.44
Response: 2453
Amount: 0.189375

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

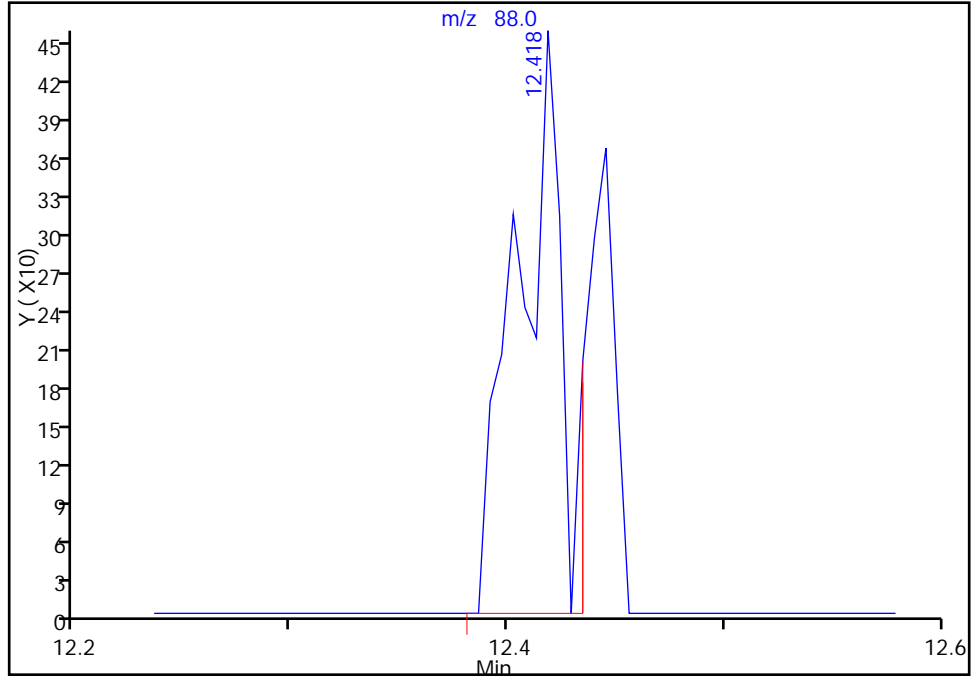
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

42 Ethyl acetate, CAS: 141-78-6

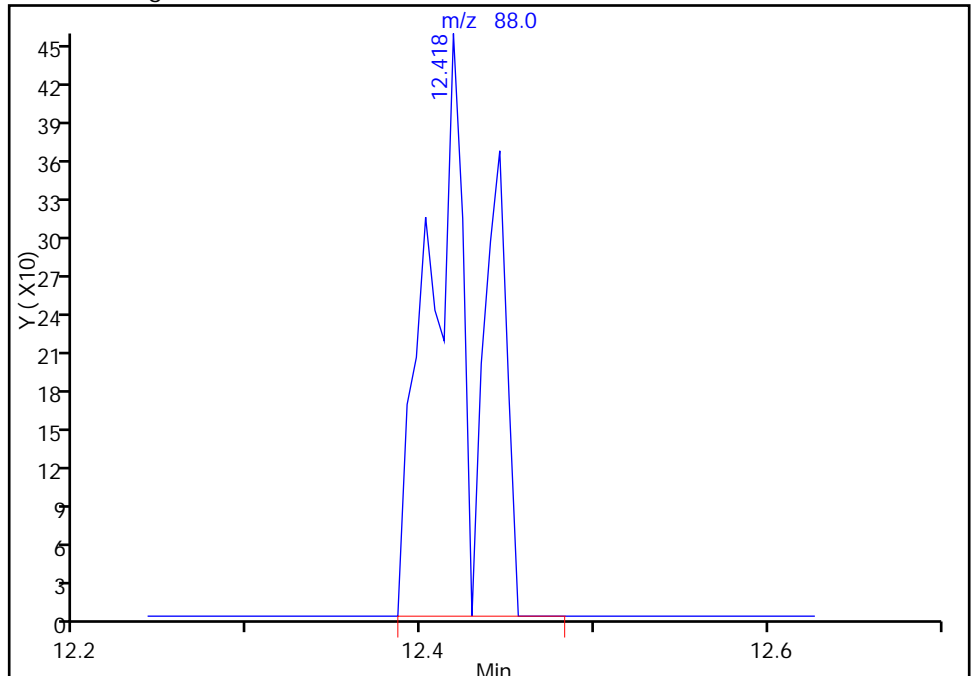
RT: 12.42
Response: 676
Amount: 0.143118

Processing Integration Results



RT: 12.42
Response: 942
Amount: 0.189375

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

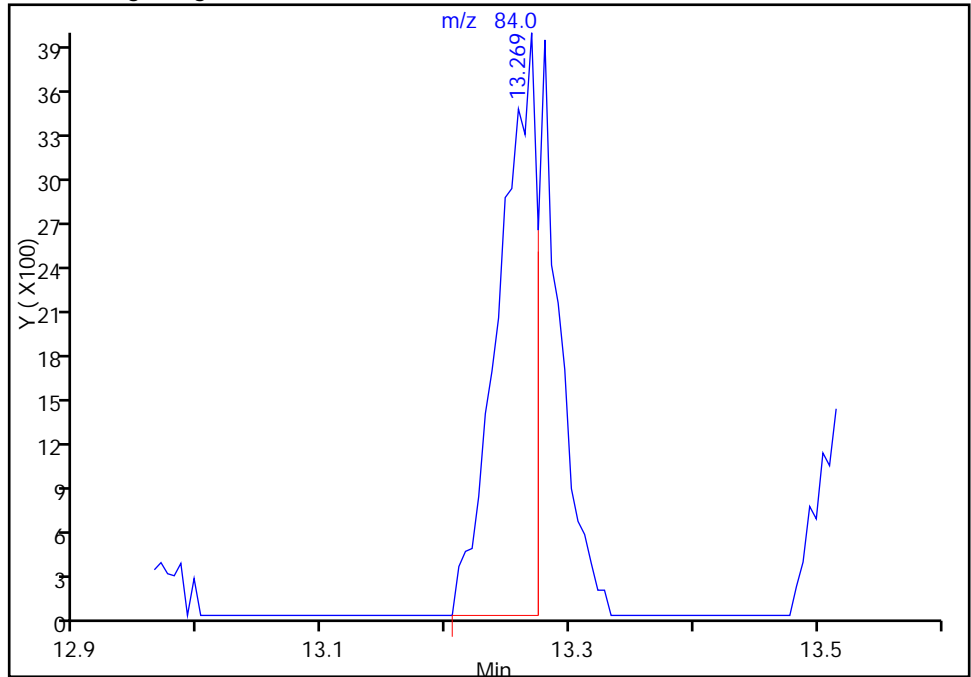
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

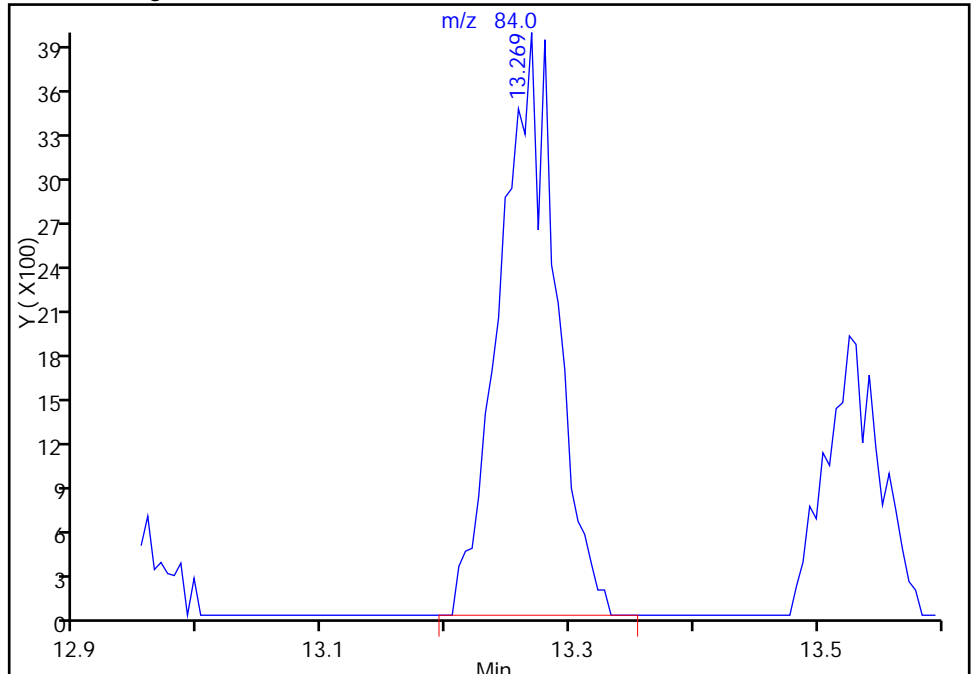
RT: 13.27
Response: 8456
Amount: 0.137490

Processing Integration Results



RT: 13.27
Response: 12613
Amount: 0.173173

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

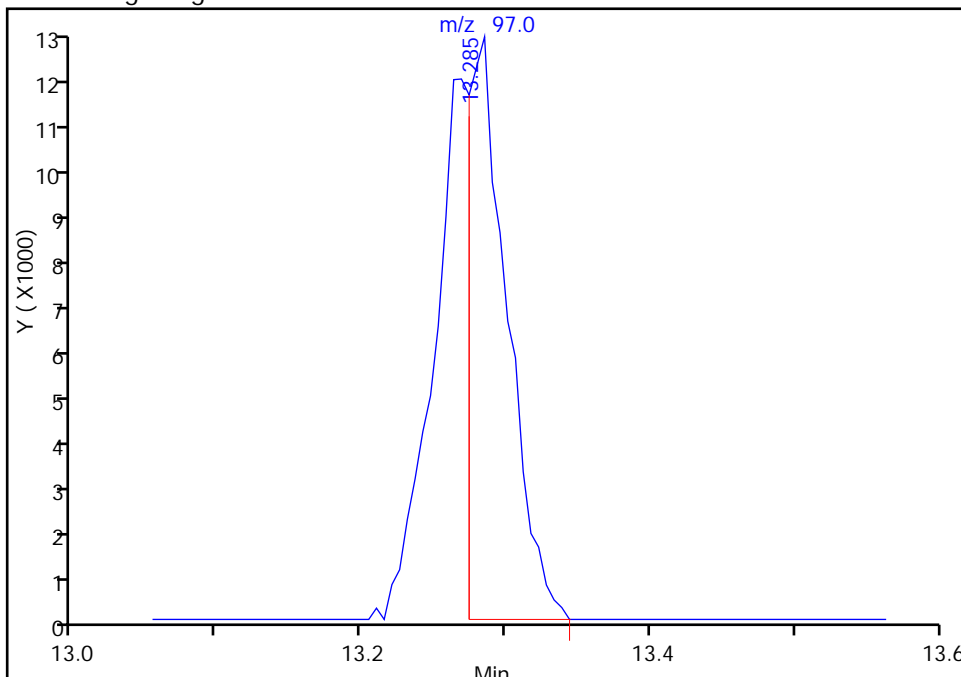
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

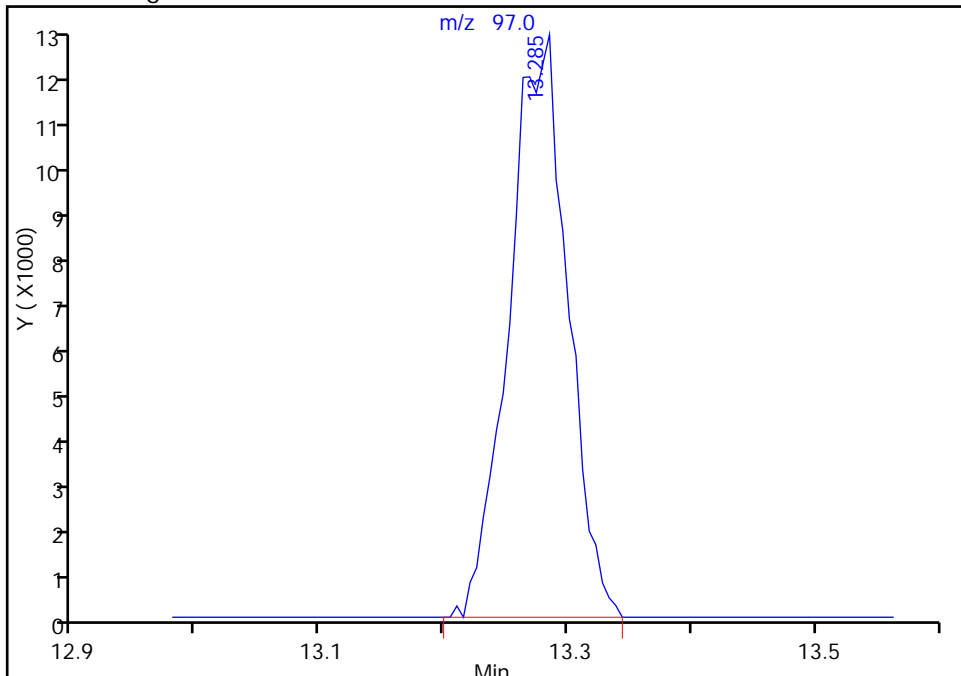
RT: 13.29
Response: 22602
Amount: 0.162437

Processing Integration Results



RT: 13.29
Response: 39303
Amount: 0.236027

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

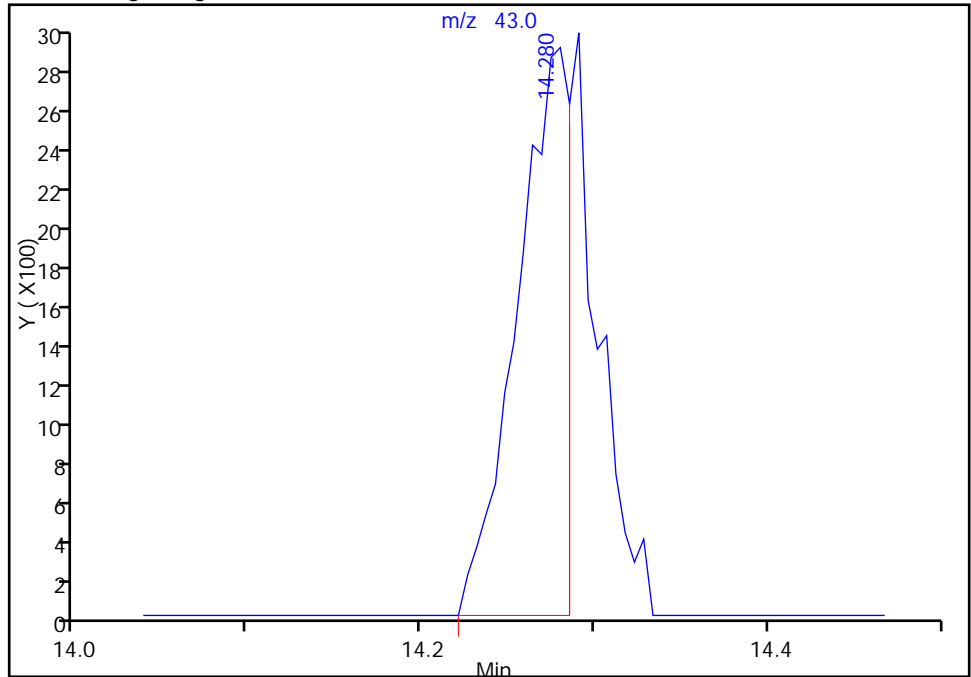
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

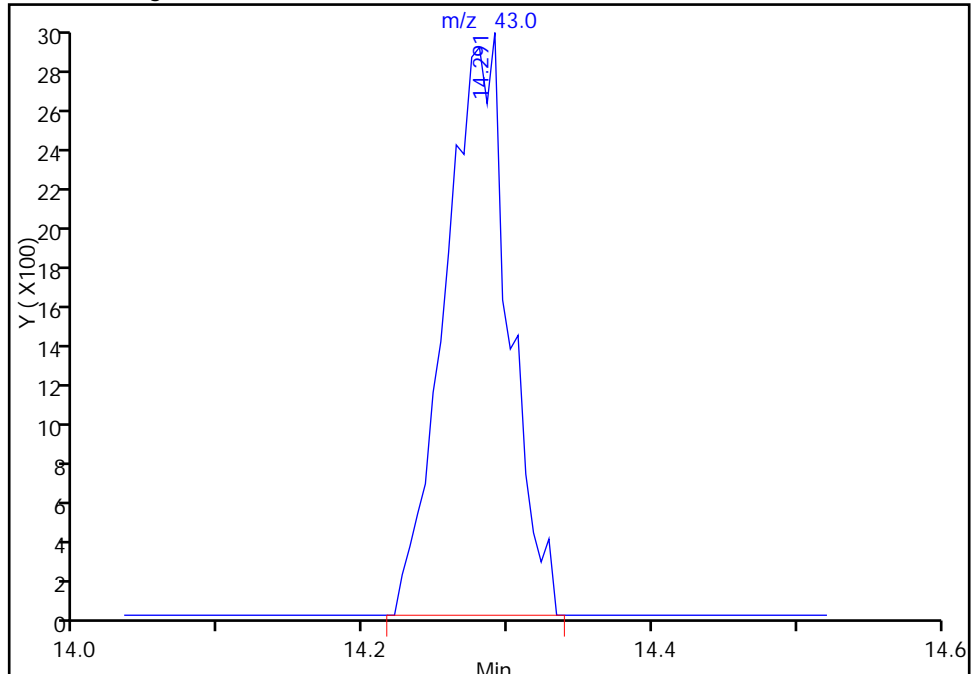
RT: 14.28
Response: 6041
Amount: 0.116642

Processing Integration Results



RT: 14.29
Response: 8920
Amount: 0.147266

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

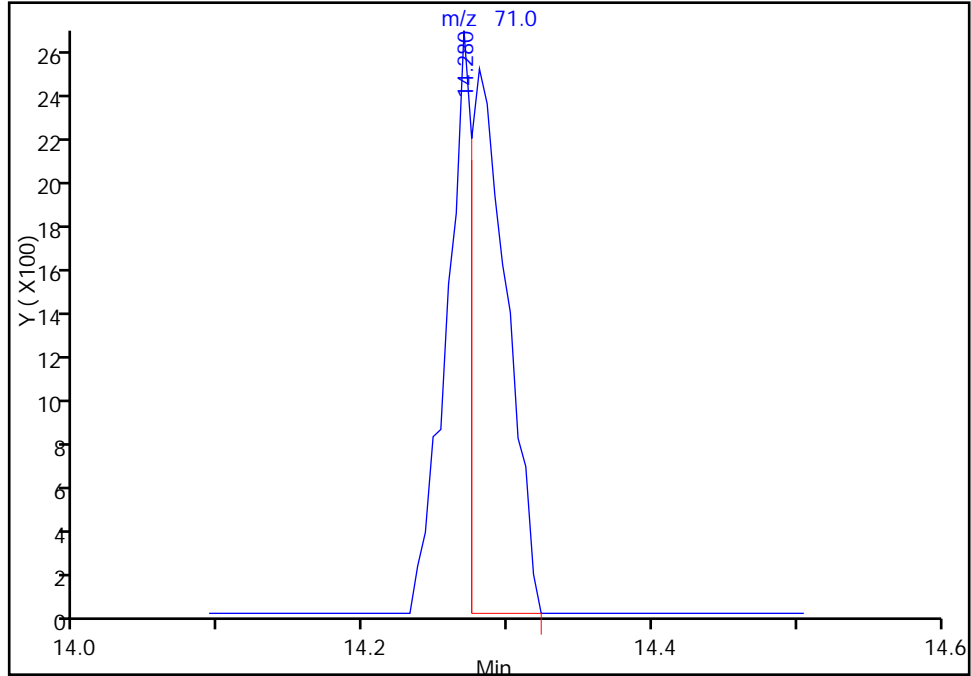
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

53 n-Heptane, CAS: 142-82-5

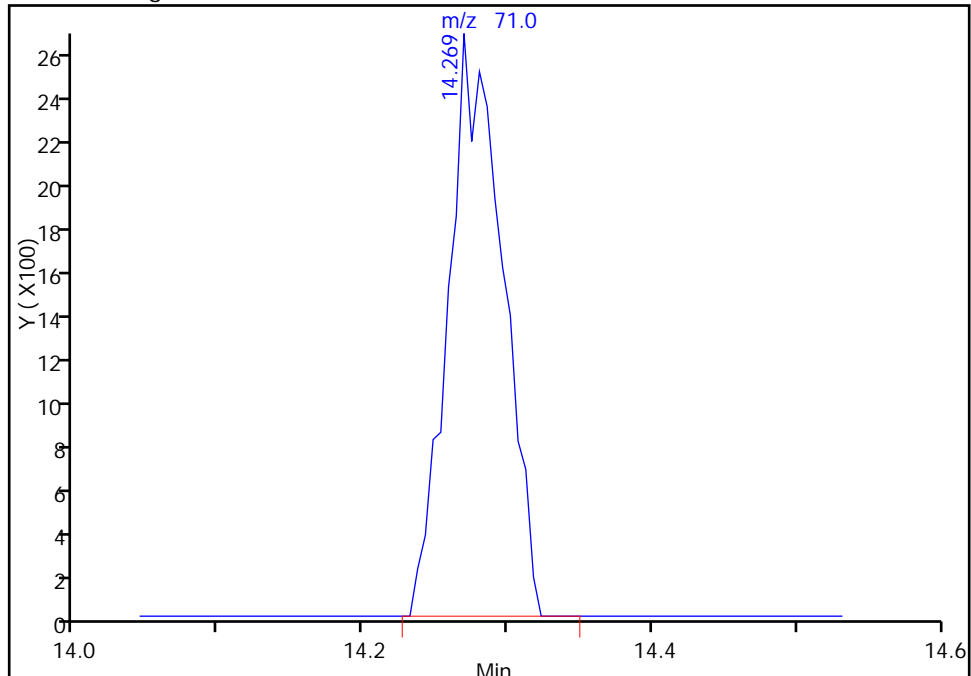
RT: 14.28
Response: 4272
Amount: 0.116642

Processing Integration Results



RT: 14.27
Response: 6875
Amount: 0.147266

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

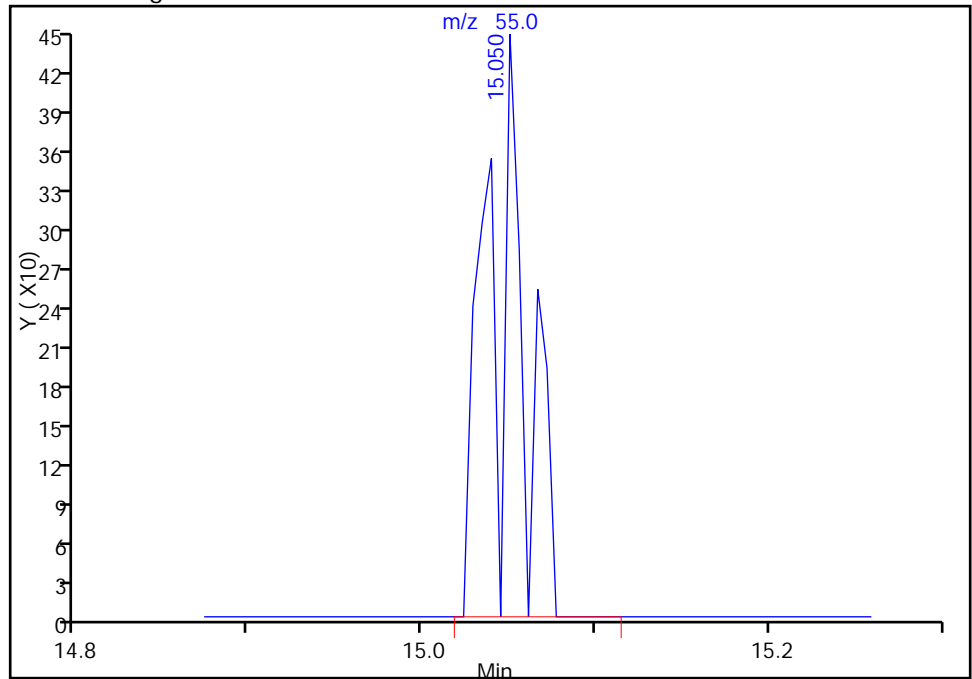
55 n-Butanol, CAS: 71-36-3

Processing Integration Results

RT: 15.02
Response: 0
Amount: 0.170561

RT: 15.05
Response: 667
Amount: 0.154837

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

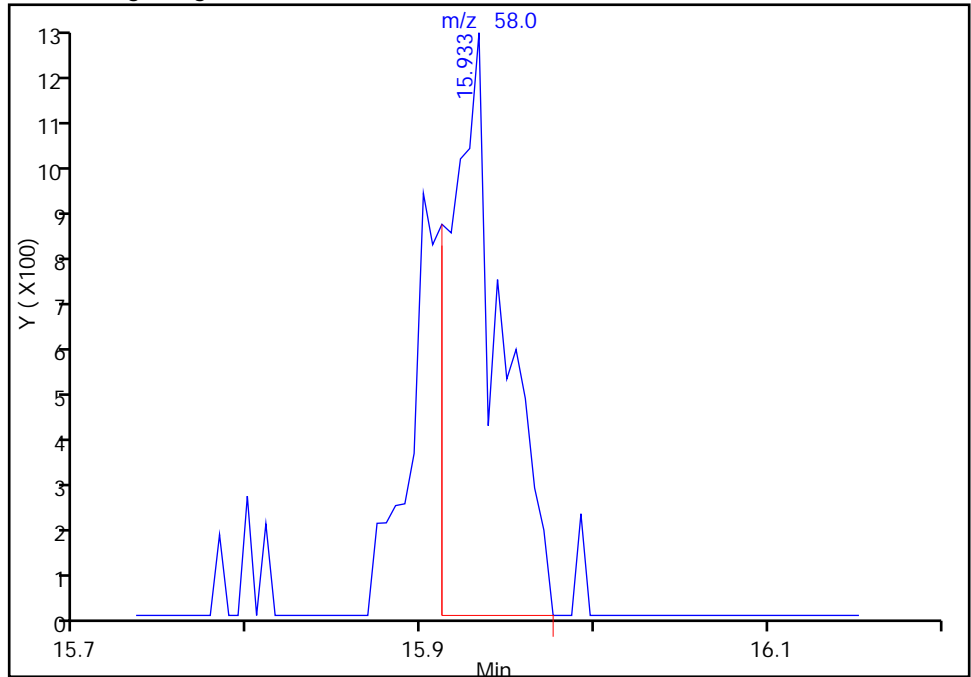
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

60 1,4-Dioxane, CAS: 123-91-1

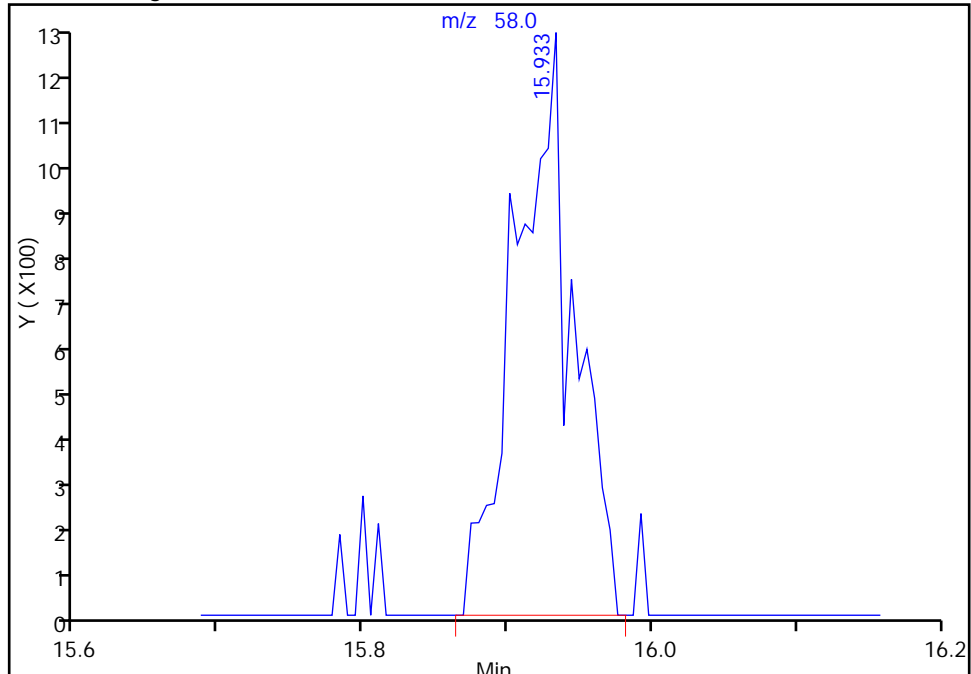
RT: 15.93
Response: 2644
Amount: 0.246008

Processing Integration Results



RT: 15.93
Response: 3606
Amount: 0.209876

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

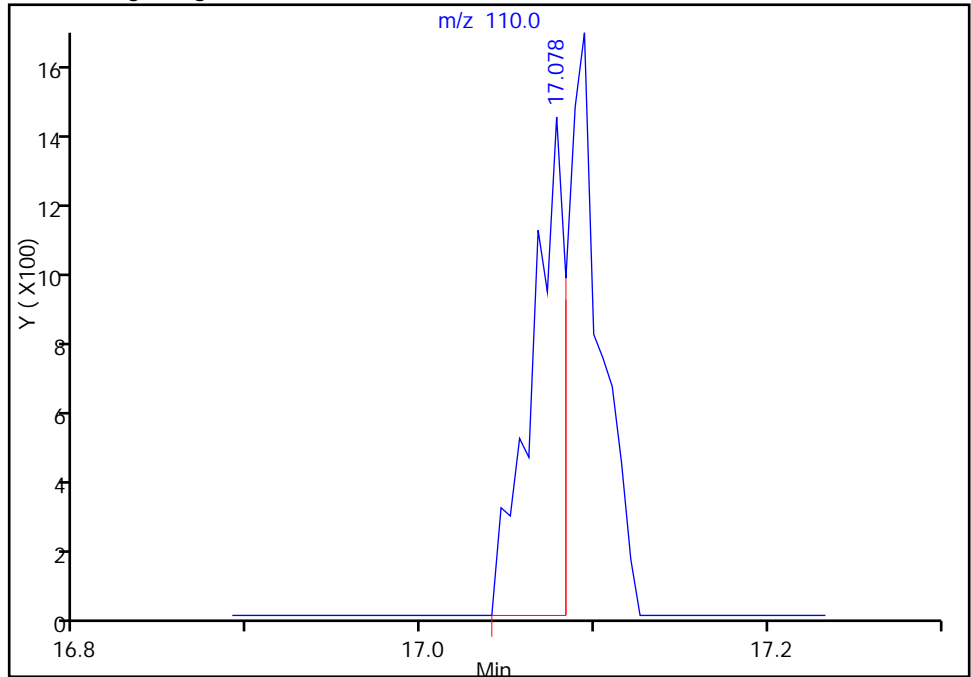
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

64 cis-1,3-Dichloropropene, CAS: 10061-01-5

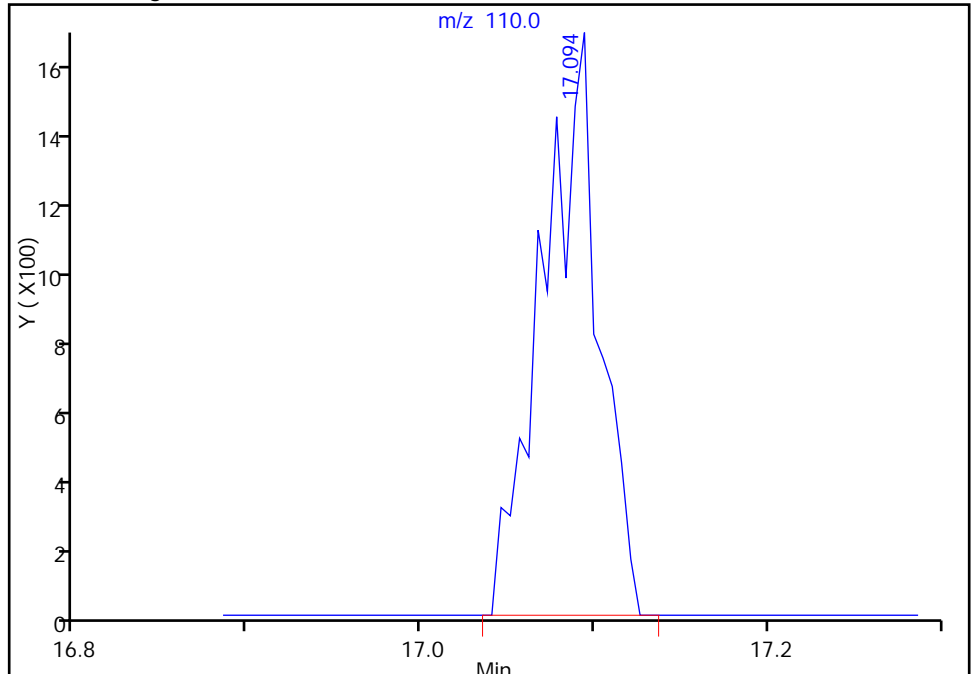
RT: 17.08
Response: 1884
Amount: 0.177105

Processing Integration Results



RT: 17.09
Response: 3753
Amount: 0.157295

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

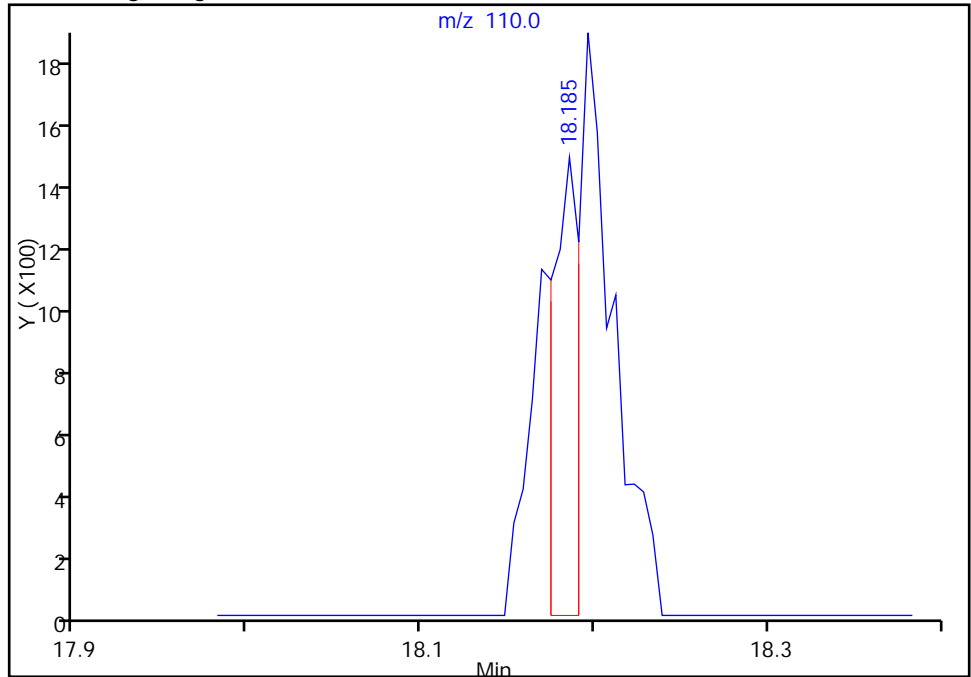
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

70 trans-1,3-Dichloropropene, CAS: 10061-02-6

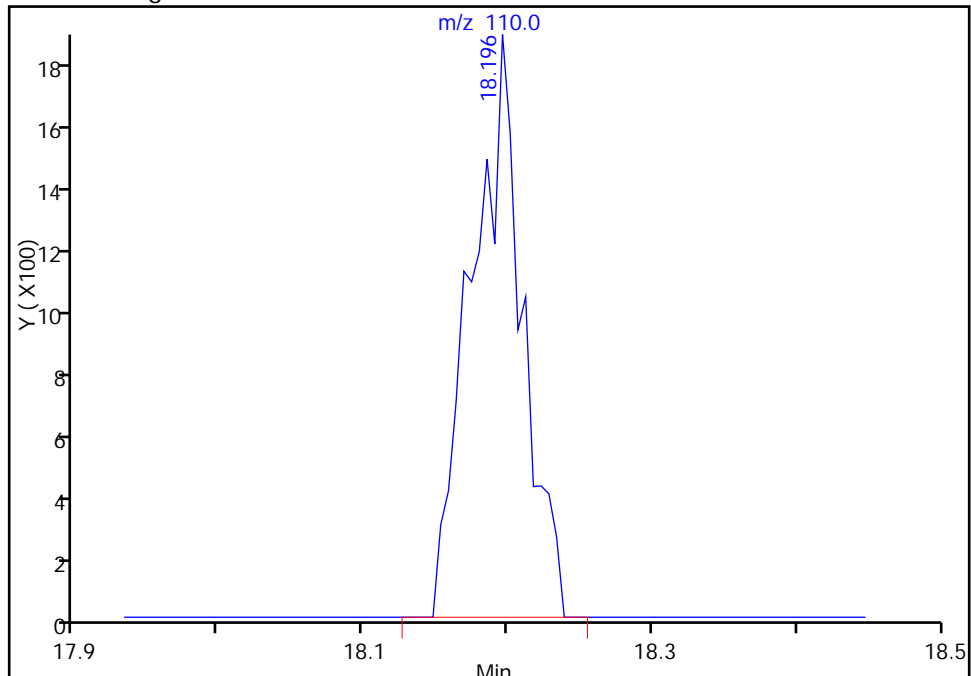
Processing Integration Results

RT: 18.19
Response: 1574
Amount: 0.178080



Manual Integration Results

RT: 18.20
Response: 4572
Amount: 0.158043



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

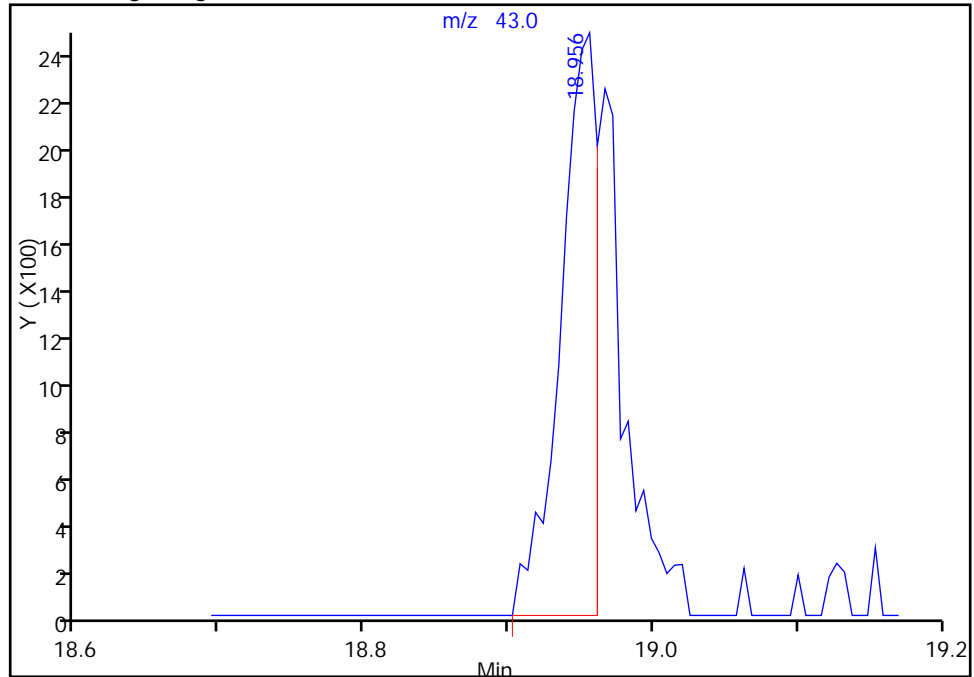
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

73 2-Hexanone, CAS: 591-78-6

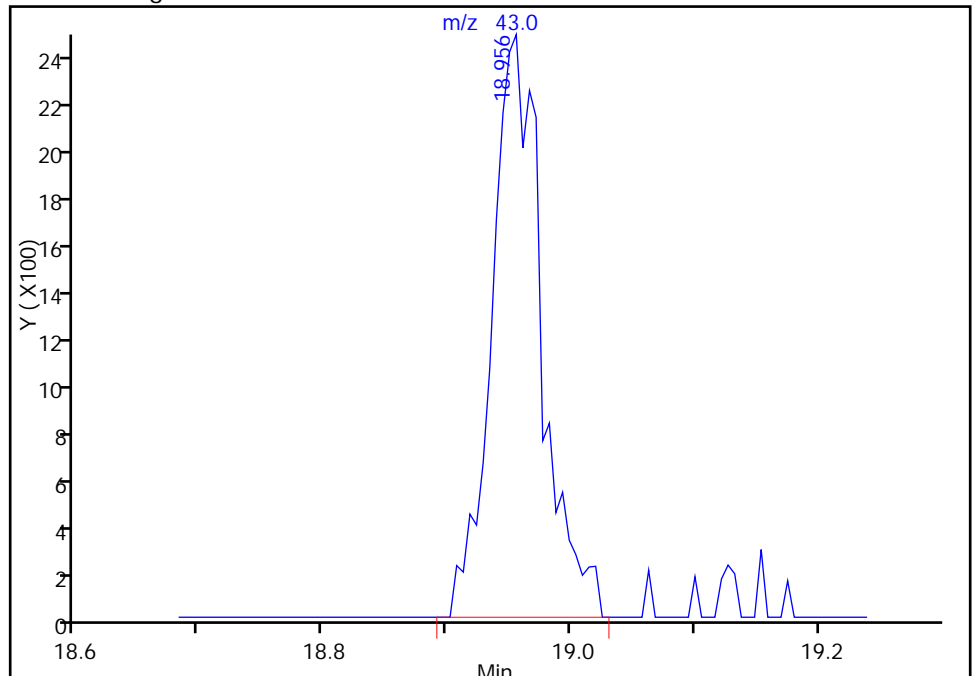
RT: 18.96
Response: 4255
Amount: 0.075021

Processing Integration Results



RT: 18.96
Response: 6782
Amount: 0.094869

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

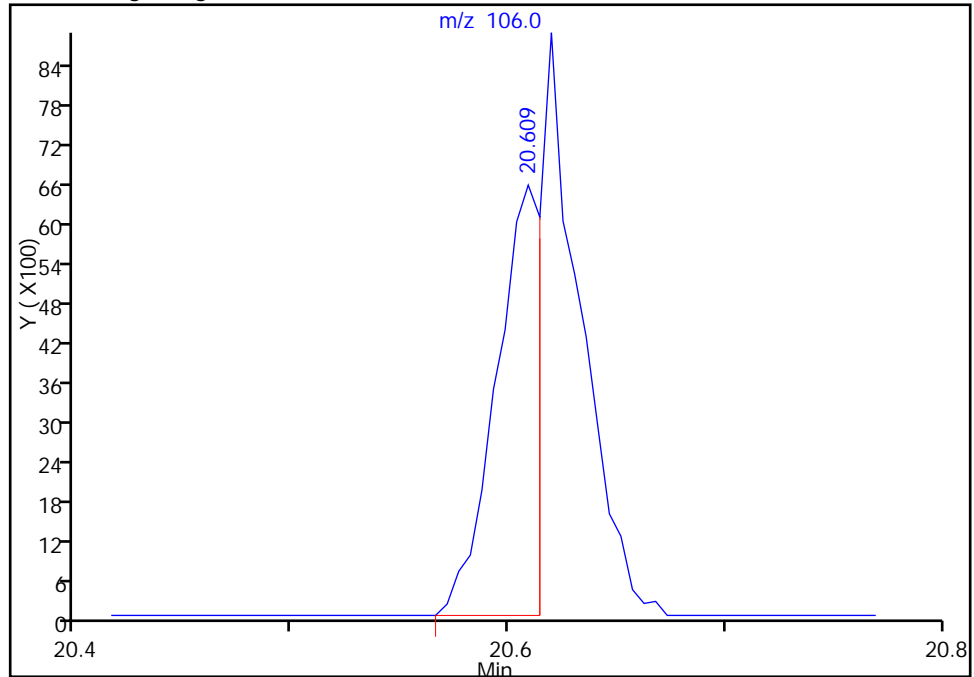
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4

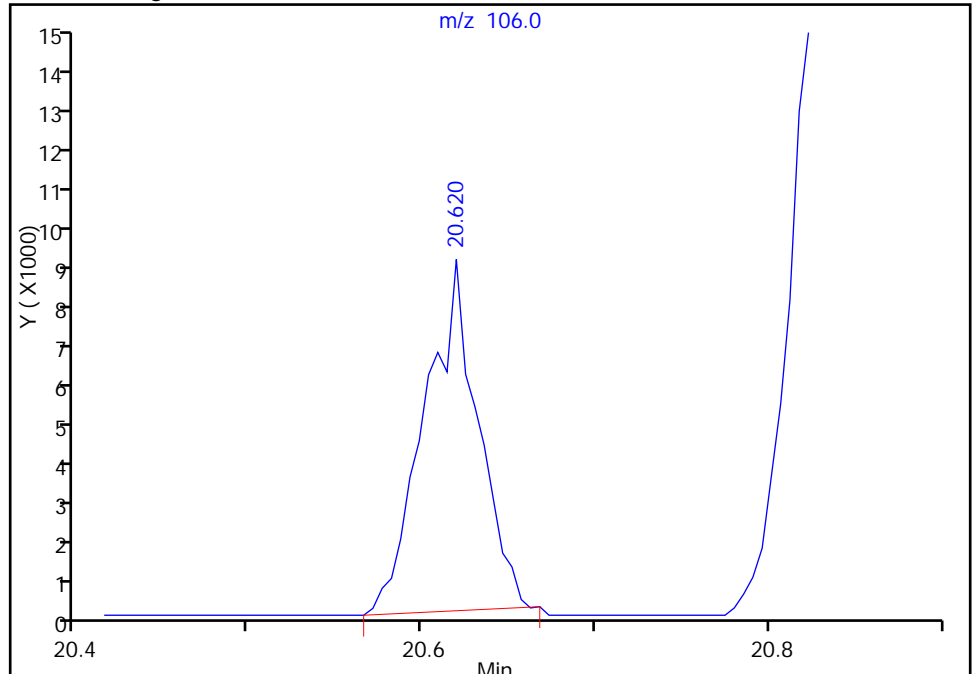
RT: 20.61
Response: 9639
Amount: 0.221726

Processing Integration Results



RT: 20.62
Response: 18809
Amount: 0.198213

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

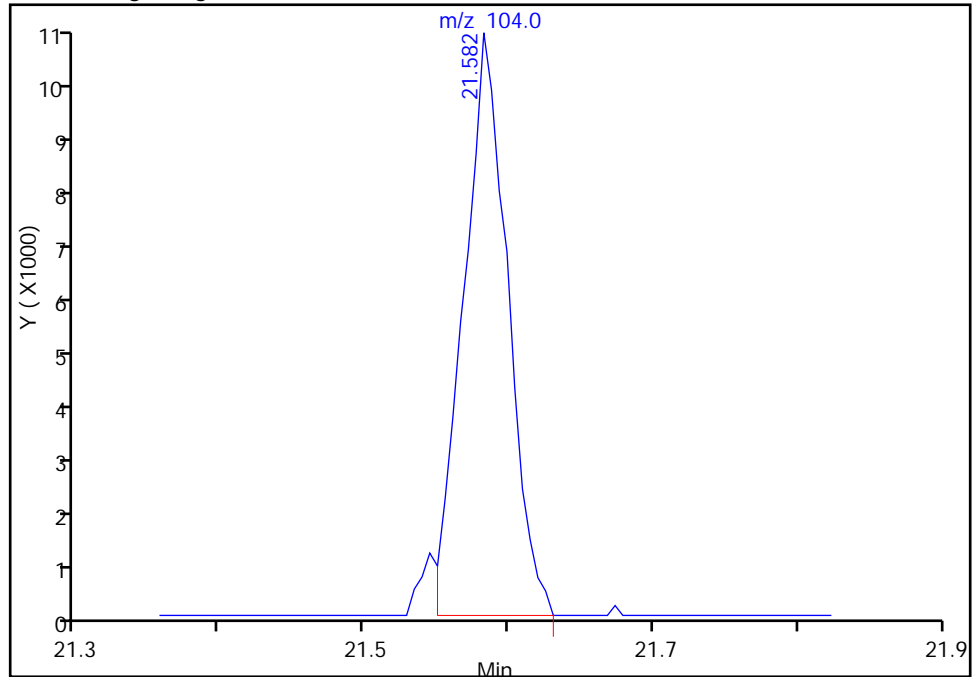
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

84 Styrene, CAS: 100-42-5

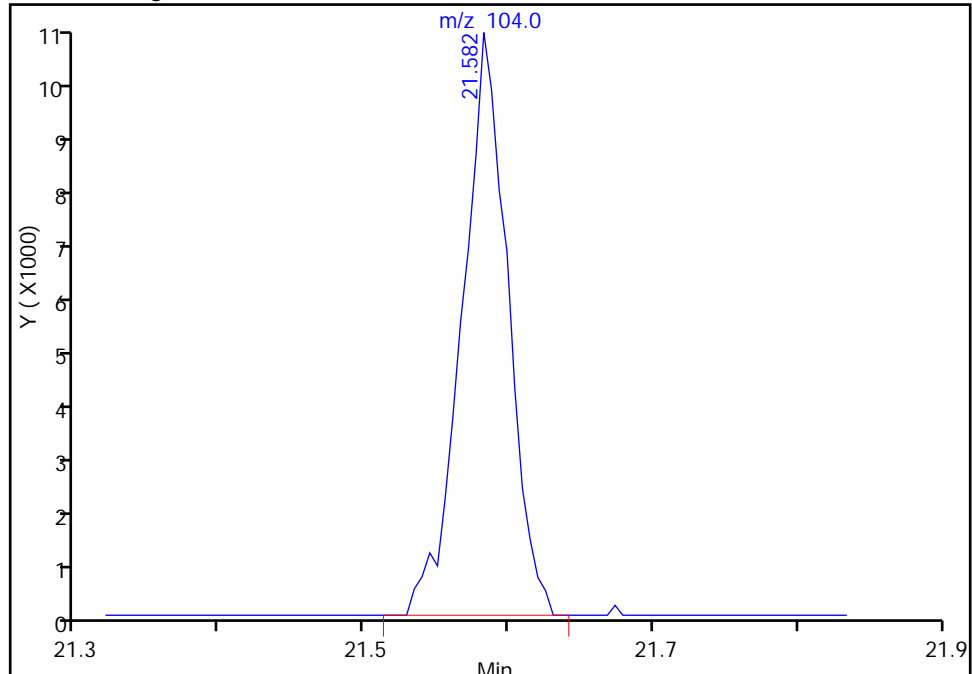
RT: 21.58
Response: 22156
Amount: 0.150275

Processing Integration Results



RT: 21.58
Response: 22885
Amount: 0.136574

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

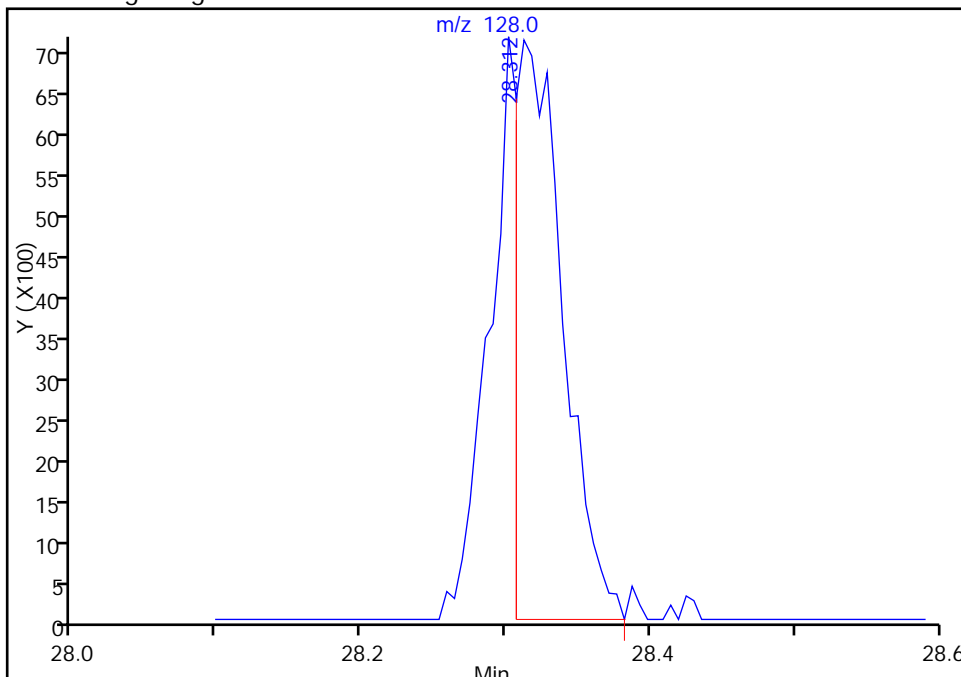
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

109 Naphthalene, CAS: 91-20-3

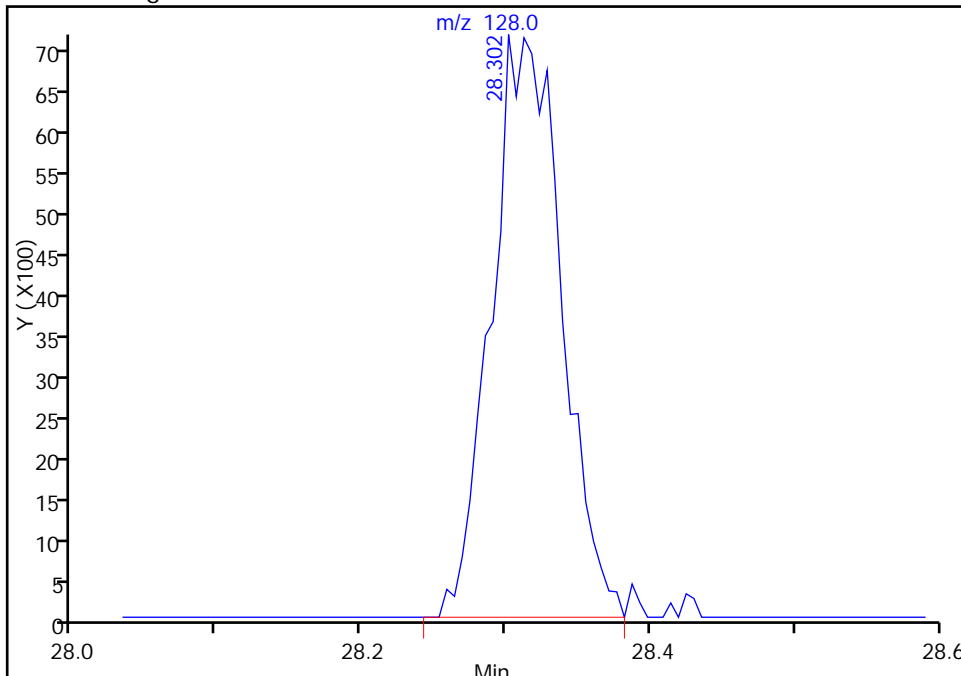
RT: 28.31
Response: 16278
Amount: 0.084564

Processing Integration Results



RT: 28.30
Response: 24028
Amount: 0.099013

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
 Lims ID: IC Lab Sample ID: Client 200-66936/5-A
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Feb-2014 20:50:30 ALS Bottle#: 3 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-006
 Misc. Info.: IC 03
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:29 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:15:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.389	4.383	0.006	94	17418	0.5771	
2 Dichlorodifluoromethane	85	4.474	4.479	-0.005	98	123434	0.5903	
6 Chlorodifluoromethane	51	4.544	4.544	0.0	70	45396	0.5731	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.833	4.832	0.001	85	98986	0.5551	
8 Chloromethane	50	5.025	5.025	0.0	99	20727	0.5758	
9 Butane	43	5.293	5.287	0.006	94	30101	0.5161	
10 Vinyl chloride	62	5.346	5.346	0.0	92	24999	0.4827	
11 Butadiene	54	5.437	5.442	-0.005	88	14783	0.4640	
13 BFB								
12 Bromomethane	94	6.309	6.314	-0.005	92	27701	0.5172	
14 Chloroethane	64	6.598	6.598	0.0	94	15205	0.5517	
15 2-Methylbutane	43	6.694	6.678	0.016	82	21929	0.4927	
16 Vinyl bromide	106	7.074	7.079	-0.005	94	34512	0.4835	
17 Trichlorofluoromethane	101	7.197	7.192	0.005	95	127882	0.5456	
18 Pentane	43	7.352	7.357	-0.005	87	27914	0.4475	
19 Ethanol	45	7.802	7.796	0.006	97	66654	5.10	
21 Ethyl ether	59	7.941	7.941	0.0	87	15093	0.4624	
22 Acrolein	56	8.417	8.406	0.011	46	7793	0.5681	M
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.444	8.443	0.001	90	79395	0.5413	
24 1,1-Dichloroethene	96	8.524	8.518	0.006	85	30544	0.4835	
25 Acetone	43	8.759	8.748	0.011	87	148057	2.23	
26 Carbon disulfide	76	9.000	9.000	0.0	98	76631	0.5266	
27 Isopropyl alcohol	45	9.043	9.032	0.011	90	27582	0.4959	
29 3-Chloro-1-propene	41	9.412	9.406	0.006	79	17007	0.3785	
30 Acetonitrile	41	9.551	9.535	0.016	96	12533	0.5151	
31 Methylene Chloride	49	9.744	9.733	0.011	73	28417	0.6147	
32 2-Methyl-2-propanol	59	9.909	9.904	0.005	94	37886	0.3754	
33 Methyl tert-butyl ether	73	10.177	10.161	0.016	96	64978	0.3885	
S 41 1,2-Dichloroethene, Total	61				0		0.9863	
34 trans-1,2-Dichloroethene	61	10.230	10.236	-0.006	91	38176	0.5012	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	35			10.396	10.385	0.011	91	12951	0.4572	M
	36			10.658	10.653	0.005	84	26195	0.4093	
	37			11.199	11.199	0.0	94	50341	0.4911	
	38			11.236	11.236	0.0	97	33466	0.3514	
	39			12.381	12.375	0.006	83	32364	0.4850	M
	40			12.402	12.392	0.010	100	16509	0.5873	
	42			12.419	12.413	0.005	92	2650	0.4849	
	44			12.863	12.846	0.017	30	17090	0.4161	
*	43			12.857	12.852	0.005	68	457214	10.0	
	45			12.964	12.964	0.0	93	82871	0.5409	
	46			13.264	13.264	0.0	71	33475	0.4224	
	47			13.274	13.280	-0.006	93	92001	0.5077	
	48			13.526	13.531	-0.005	97	101161	0.4888	
	51			13.927	13.927	0.0	96	82834	0.3924	
	50			13.986	13.986	0.0	93	98915	0.5229	
	52			14.146	14.141	0.005	98	47698	0.4982	
	53			14.286	14.275	0.011	77	26991	0.4095	
*	54			14.746	14.745	0.001	92	2170848	10.0	
A	57			14.769	6.668 -	22.871	0	13003444	0	
	55			15.045	15.024	0.021	89	6839	0.2913	
	56			15.211	15.211	0.0	90	47767	0.4905	
	58			15.735	15.730	0.005	83	28669	0.4975	
	59			15.816	15.815	0.001	76	23159	0.3877	
	60			15.923	15.901	0.022	79	12644	0.3818	
	61			15.971	15.970	0.001	87	62781	0.5256	
	62			16.222	16.222	0.0	94	83907	0.5032	
A	63			16.631	4.373 -	28.889	0	22022390	139.9	
	64			17.089	17.083	0.006	87	34655	0.3675	
	65			17.324	17.324	0.0	93	31716	0.3434	
A	68			17.656	17.606 -	17.706	0	513321	NC	
	69			17.656	17.656	0.0	70	37852	0.4334	
	66			17.661	17.661	0.0	93	73260	0.5265	
A	67			17.661	17.621 -	17.701	0	513321	NC	
	70			18.185	18.191	-0.006	93	44645	0.4126	
	71			18.560	18.560	0.0	89	35957	0.5182	M
	72			18.694	18.699	-0.005	90	88985	0.5139	
	73			18.956	18.950	0.006	90	21708	0.2771	
	74			19.314	19.314	0.0	96	93585	0.4856	
	75			19.598	19.603	-0.005	98	66106	0.4696	
S	82			106			0		1.49	
*	76			20.443	20.443	0.0	83	1918800	10.0	
	77			20.497	20.502	-0.005	58	129862	0.5579	
	78			20.614	20.614	0.0	94	155744	0.4790	
	79			20.678	20.673	0.005	76	53782	0.4957	
	80			20.834	20.833	0.001	100	139833	1.07	
	83			21.550	21.545	0.005	94	52242	0.4221	
	84			21.588	21.582	0.006	95	77369	0.4213	
	85			21.957	21.962	-0.005	99	92486	0.4772	
	86			22.112	22.112	0.0	95	172015	0.4520	
\$	87			22.444	22.444	0.0	97	1305509	NC	
	88			22.669	22.668	0.001	90	103396	0.5483	
	90			22.743	22.743	0.0	99	219094	0.4948	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	87	83276	0.5739	
93	n-Decane		57	22.856	22.861	-0.005	81	72633	0.4783	
91	4-Ethyltoluene		105	22.915	22.909	0.006	96	226925	0.5357	
92	2-Chlorotoluene		91	22.941	22.946	-0.005	85	201834	0.5449	
94	1,3,5-Trimethylbenzene		105	23.000	23.005	-0.005	92	208827	0.5327	
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	91	53663	0.3285	
96	tert-Butylbenzene		119	23.476	23.481	-0.005	91	204550	0.5372	
97	1,2,4-Trimethylbenzene		105	23.573	23.572	0.001	96	192945	0.5157	
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	274870	0.5331	
99	4-Isopropyltoluene		119	24.017	24.011	0.006	88	228988	0.5050	
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	98	143765	0.5272	
101	1,4-Dichlorobenzene		146	24.220	24.225	-0.005	97	120110	0.4732	
102	Benzyl chloride		91	24.434	24.434	0.0	98	70400	0.3088	
104	Undecane		57	24.632	24.626	0.006	84	60243	0.3912	
103	n-Butylbenzene		91	24.648	24.653	-0.005	96	183834	0.5345	
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	98	136043	0.5125	
106	Dodecane		57	26.435	26.434	0.001	75	6657	0.0661	M
107	1,2,4-Trichlorobenzene		180	27.735	27.724	0.011	82	40734	0.2987	
108	Hexachlorobutadiene		225	27.927	27.927	0.0	94	117807	0.5462	
109	Naphthalene		128	28.323	28.312	0.011	81	47038	0.1769	M
110	1,2,3-Trichlorobenzene		180	28.880	28.879	0.001	90	35855	0.2822	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d

Injection Date: 11-Feb-2014 20:50:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID: Client 200-66936/5-A

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

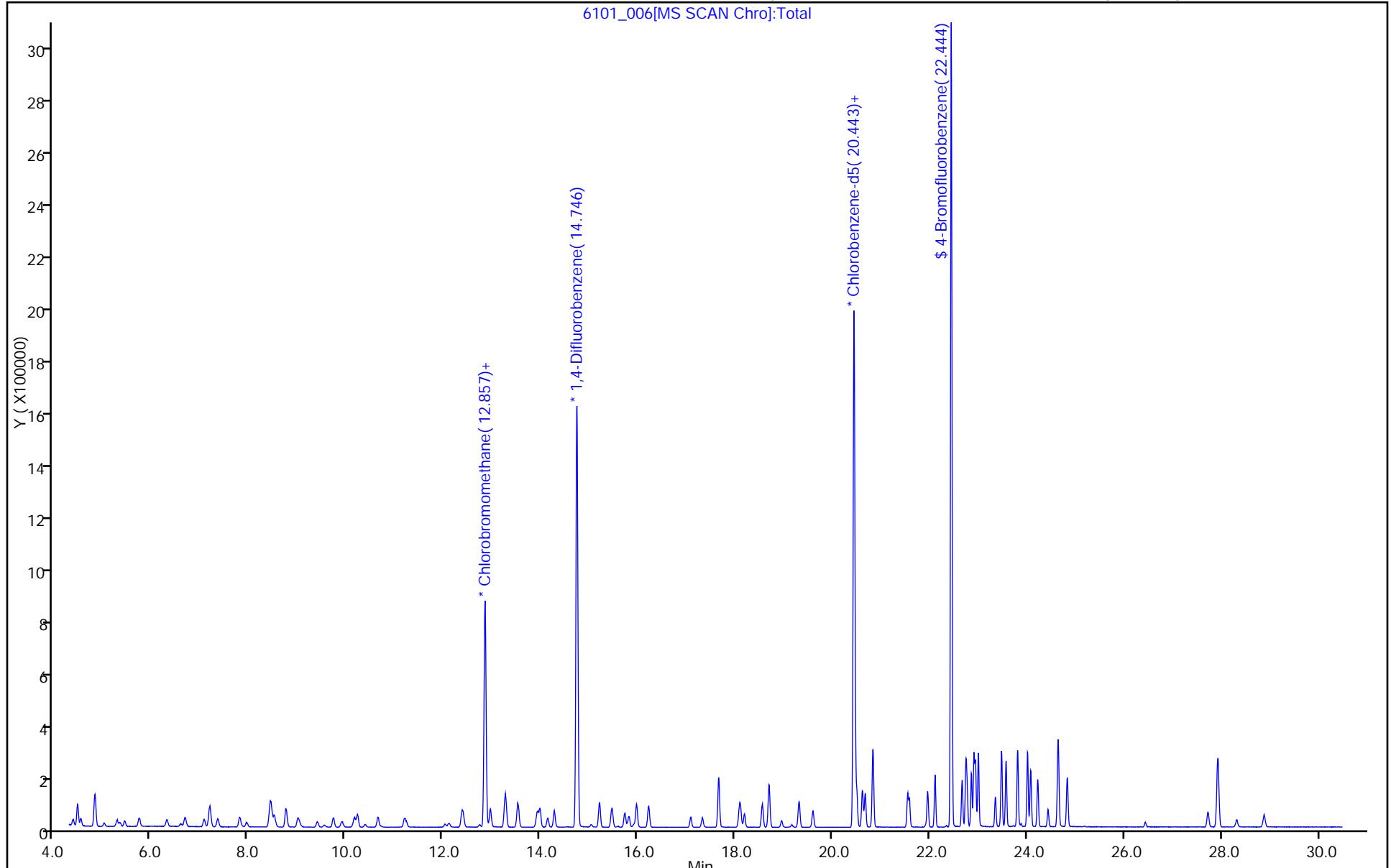
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



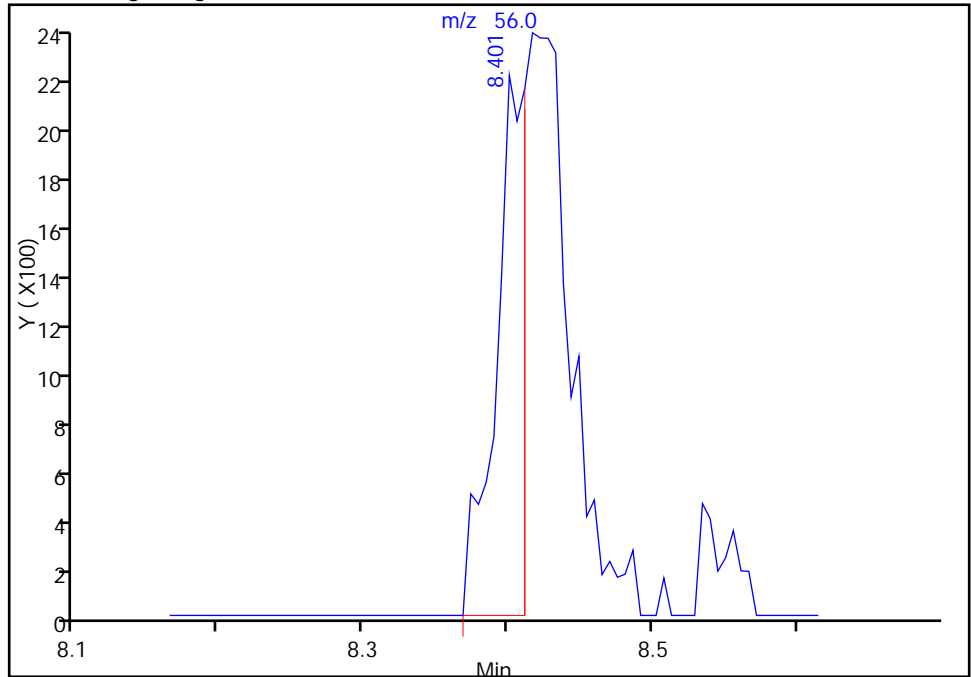
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

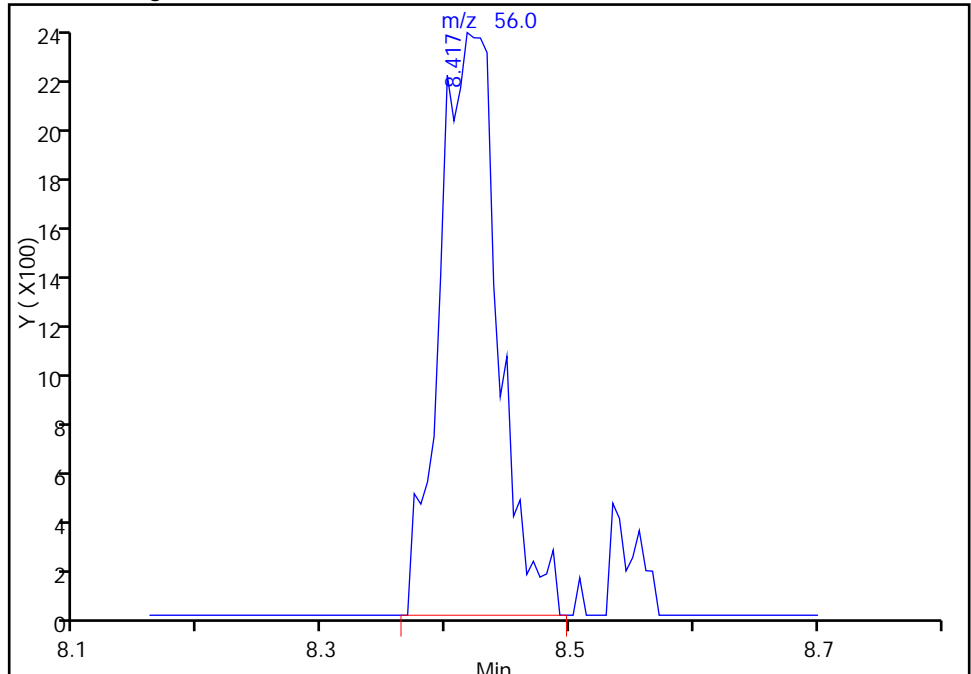
RT: 8.40
Response: 3173
Amount: 0.272238

Processing Integration Results



RT: 8.42
Response: 7793
Amount: 0.568096

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

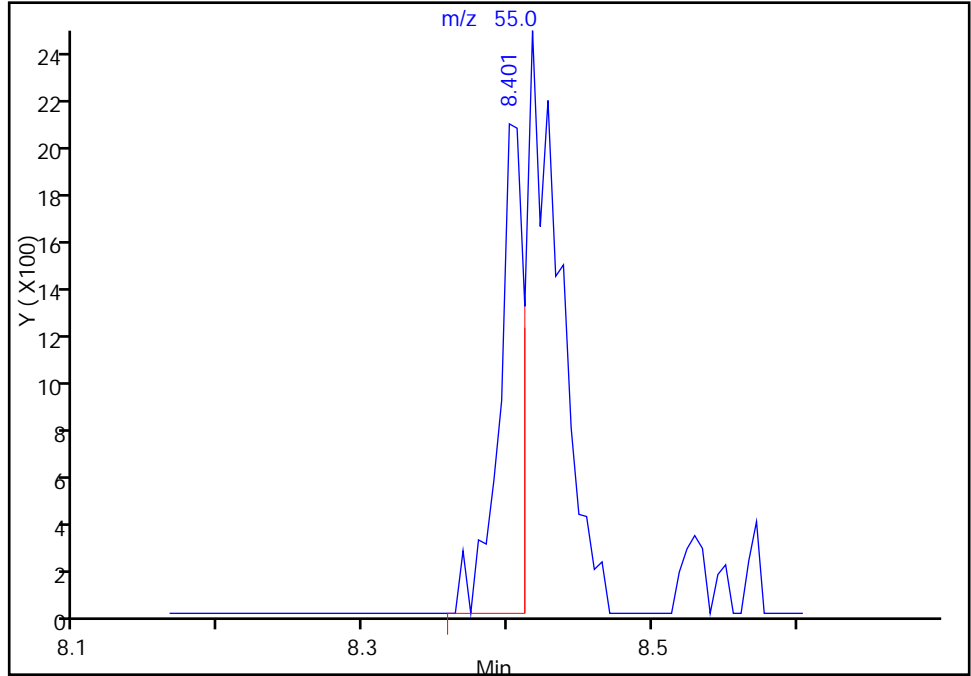
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

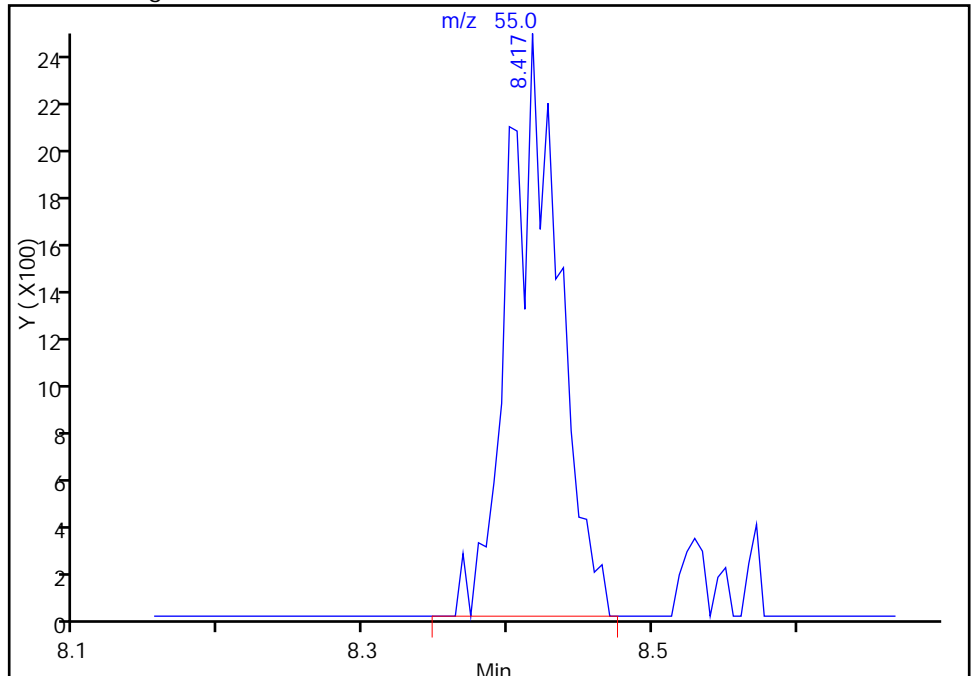
RT: 8.40
Response: 2436
Amount: 0.272238

Processing Integration Results



RT: 8.42
Response: 5952
Amount: 0.568096

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

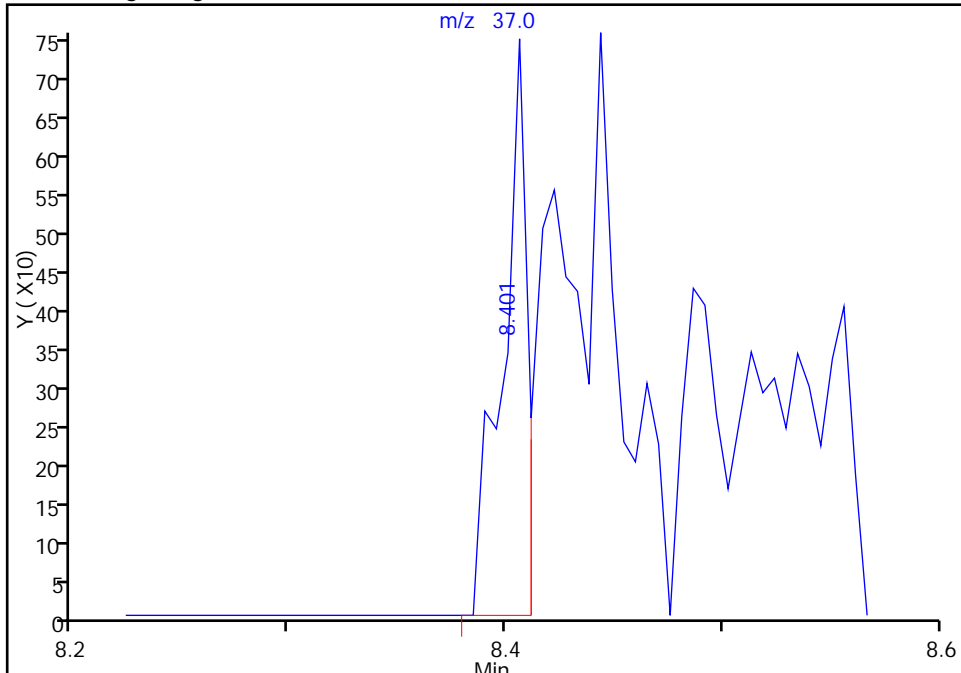
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

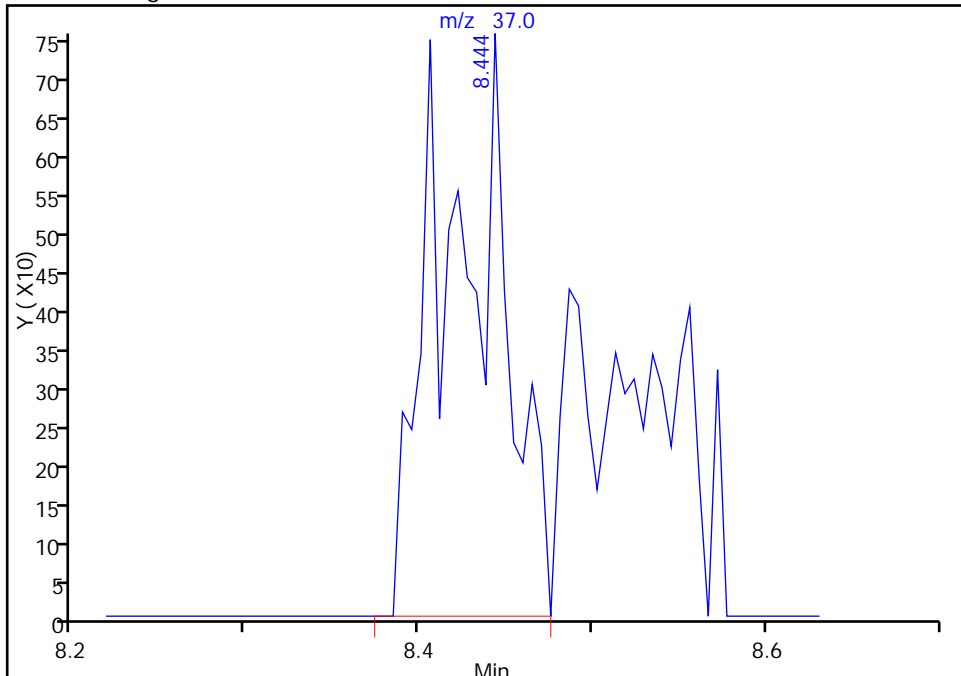
RT: 8.40
Response: 597
Amount: 0.272238

Processing Integration Results



RT: 8.44
Response: 1995
Amount: 0.568096

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

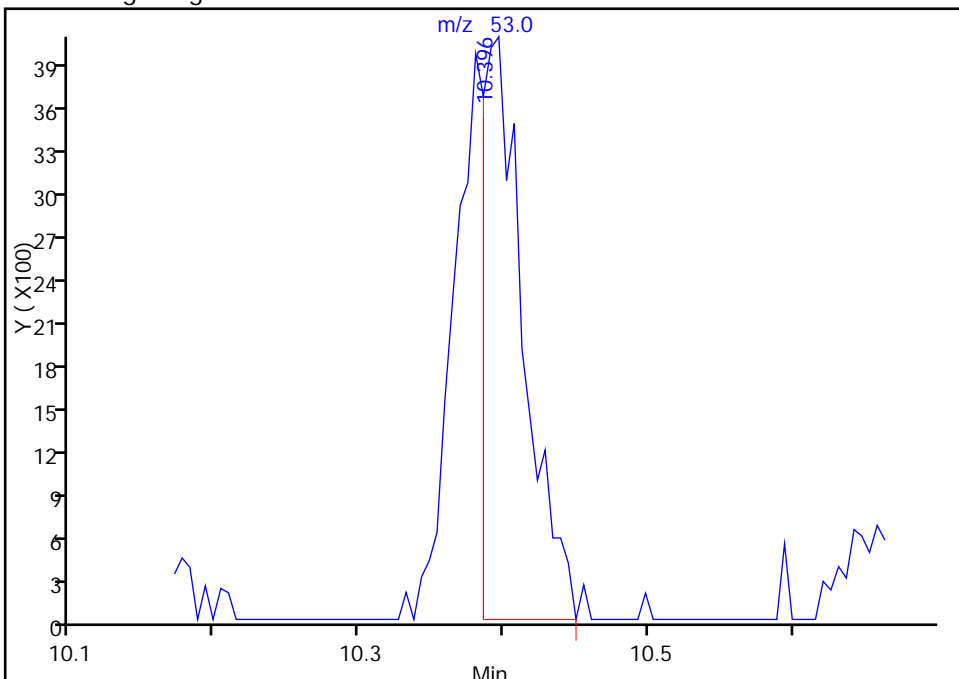
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

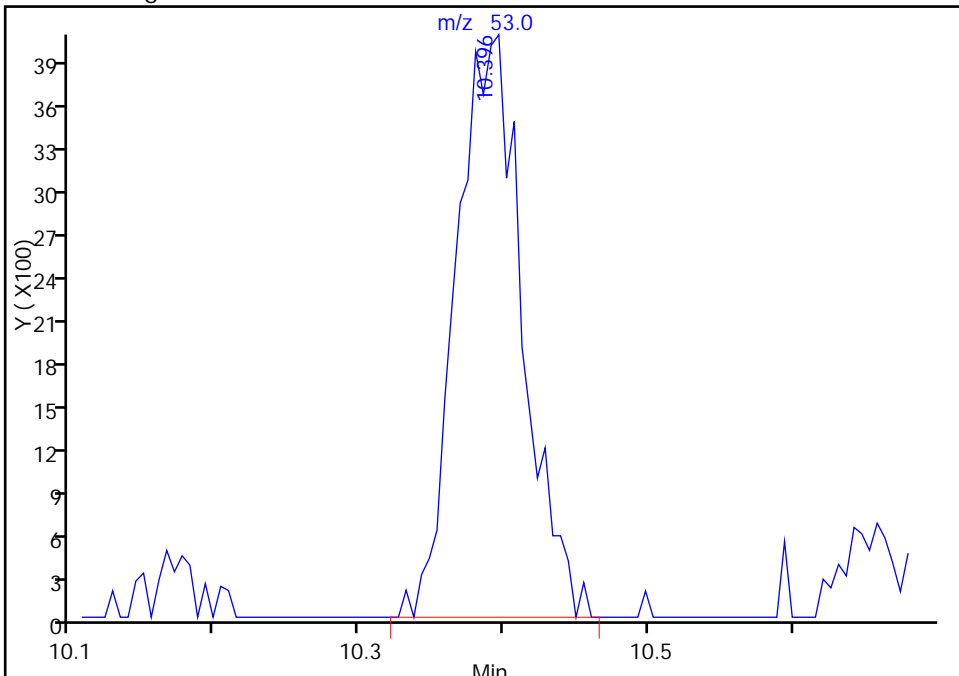
RT: 10.40
Response: 8048
Amount: 0.360017

Processing Integration Results



RT: 10.40
Response: 12951
Amount: 0.457169

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

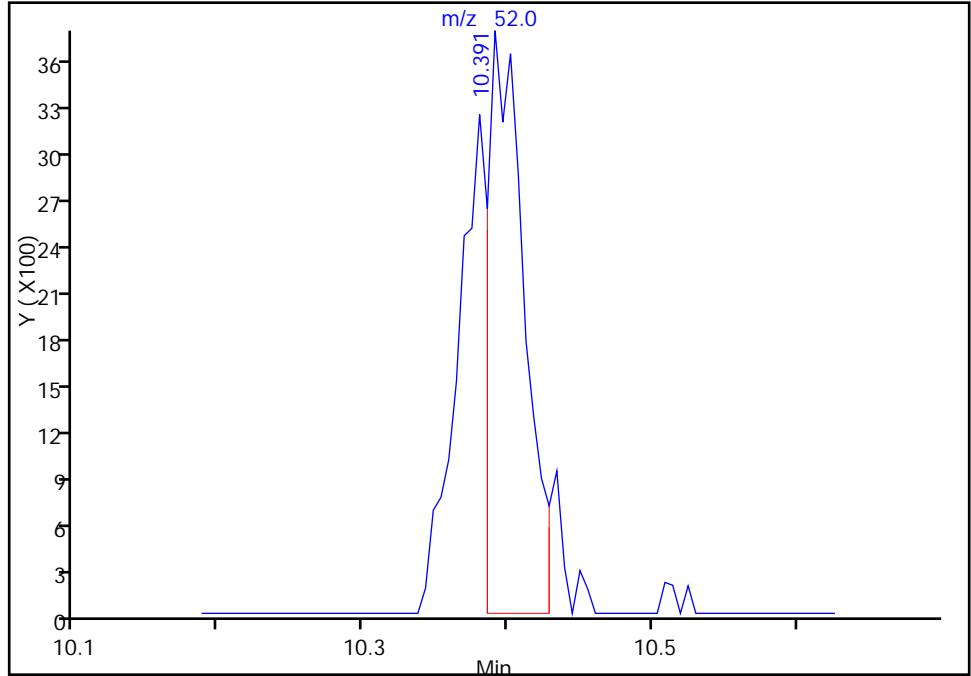
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

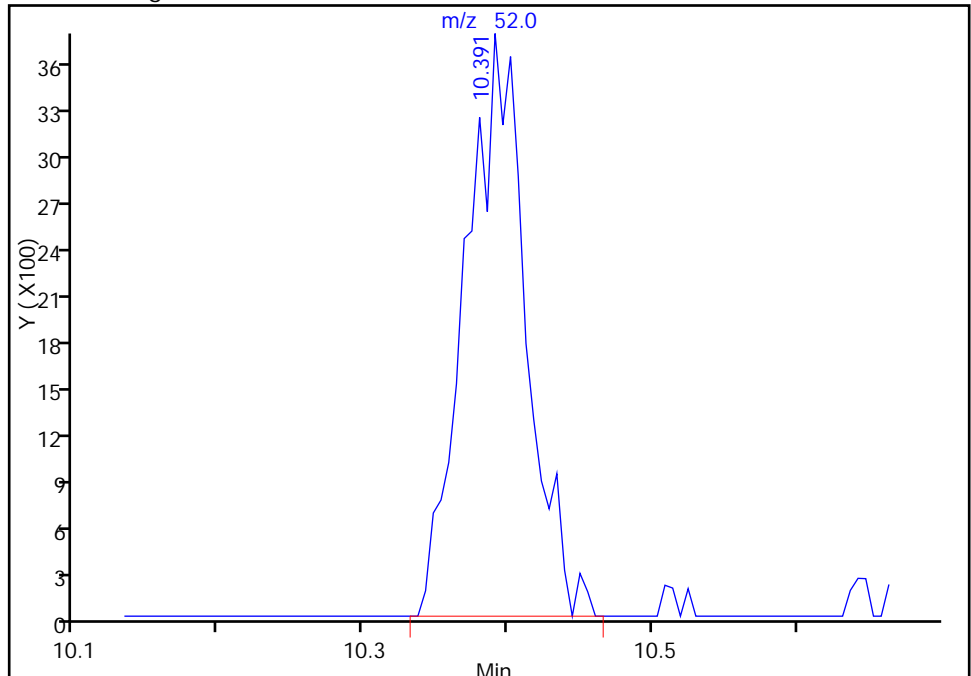
RT: 10.39
Response: 6522
Amount: 0.360017

Processing Integration Results



RT: 10.39
Response: 10912
Amount: 0.457169

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

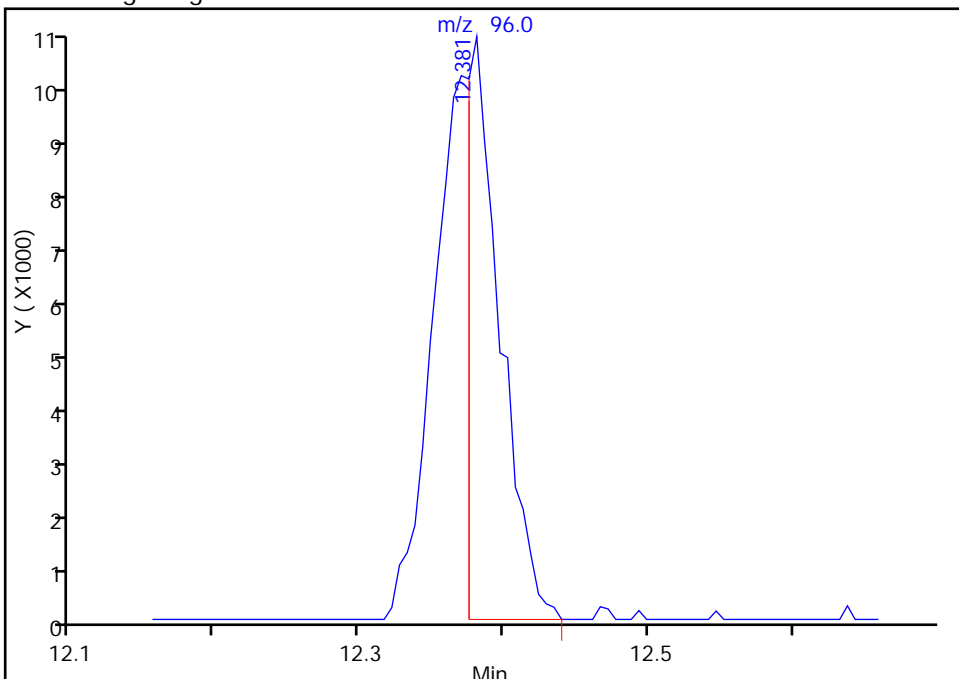
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

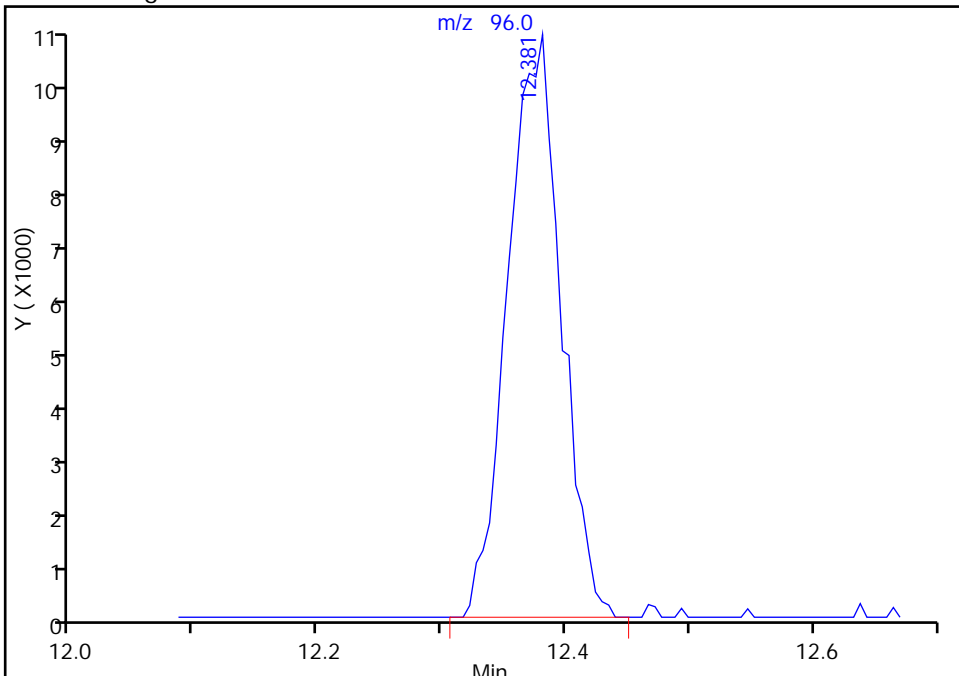
RT: 12.38
Response: 17205
Amount: 0.310272

Processing Integration Results



RT: 12.38
Response: 32364
Amount: 0.485050

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

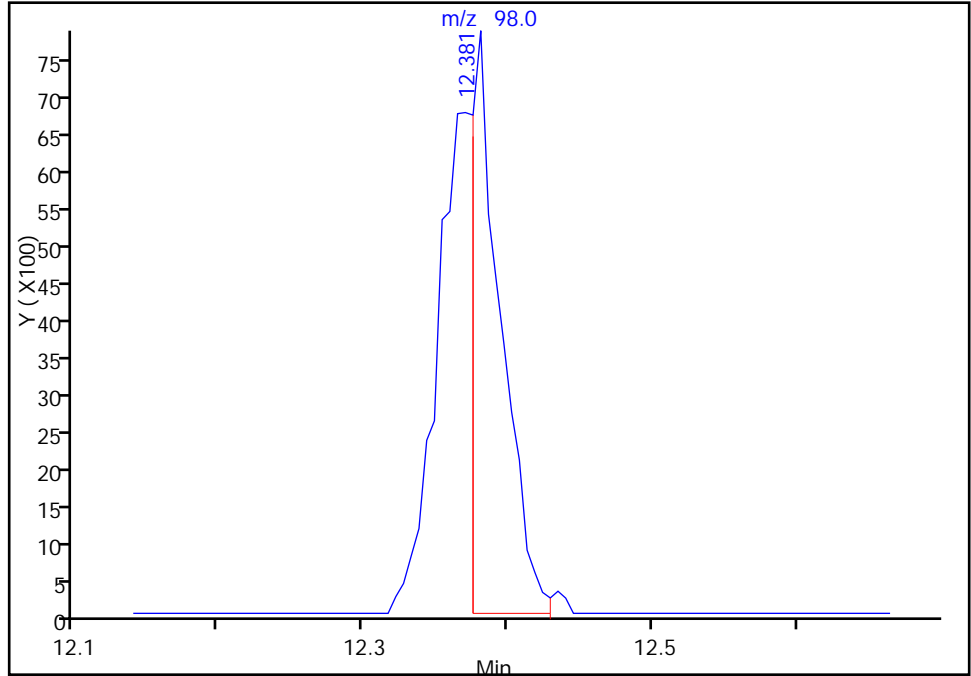
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

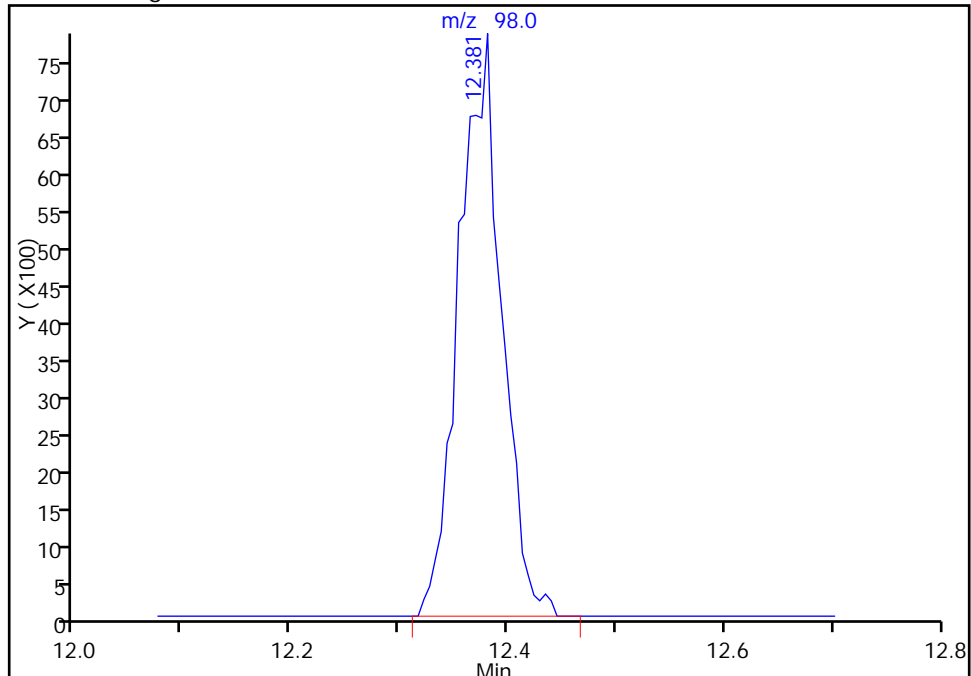
RT: 12.38
Response: 11077
Amount: 0.310272

Processing Integration Results



RT: 12.38
Response: 21340
Amount: 0.485050

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

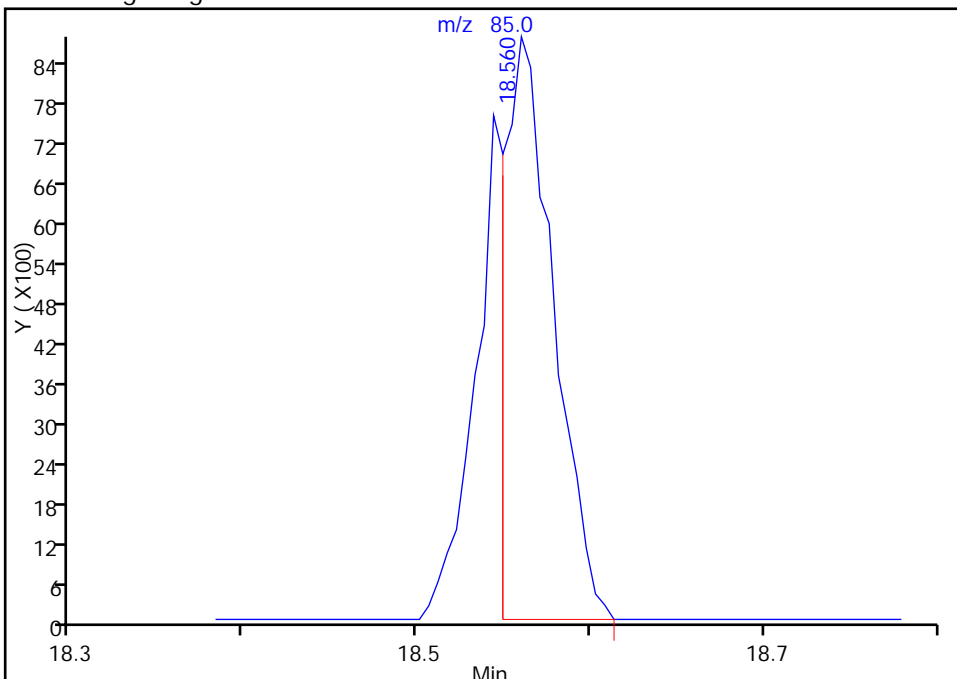
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

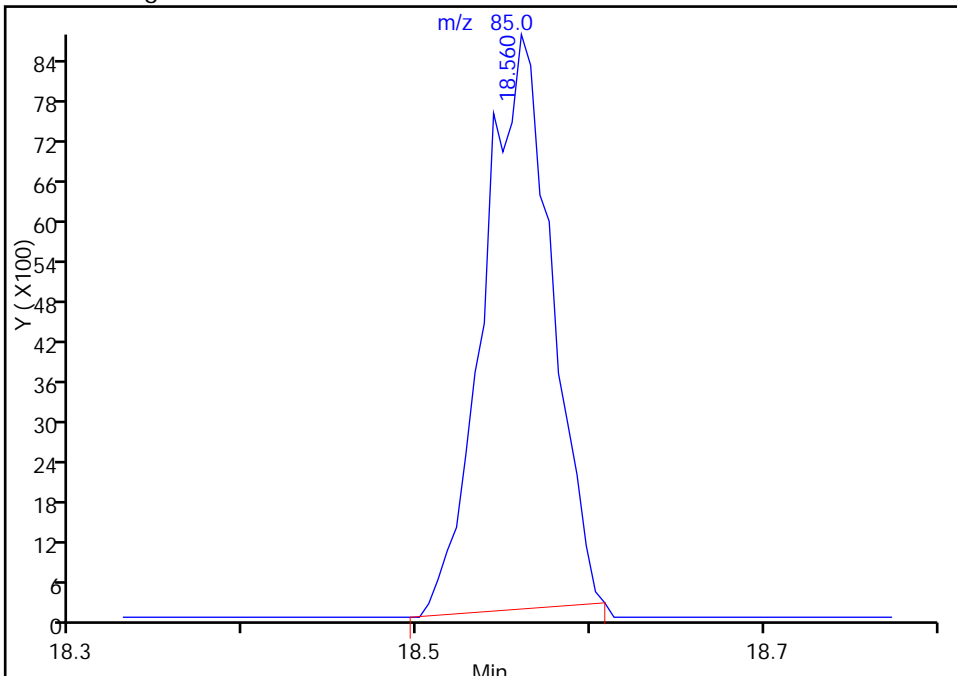
RT: 18.56
Response: 17428
Amount: 0.518244

Processing Integration Results



RT: 18.56
Response: 23492
Amount: 0.518244

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

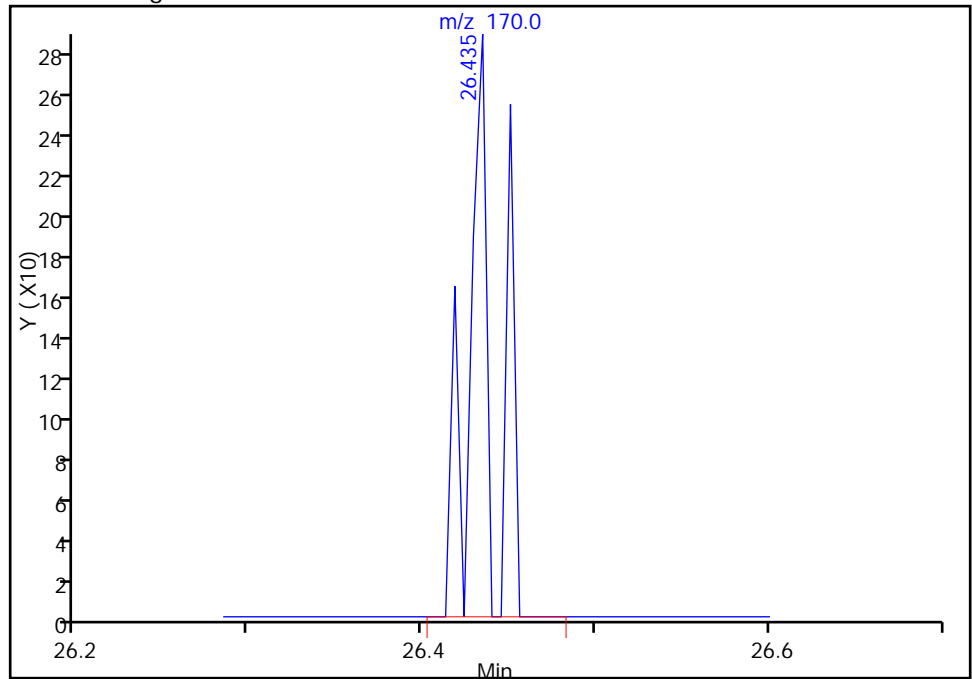
106 Dodecane, CAS: 112-40-3

Processing Integration Results

RT: 26.43
Response: 0
Amount: 0.085352

RT: 26.43
Response: 280
Amount: 0.066066

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

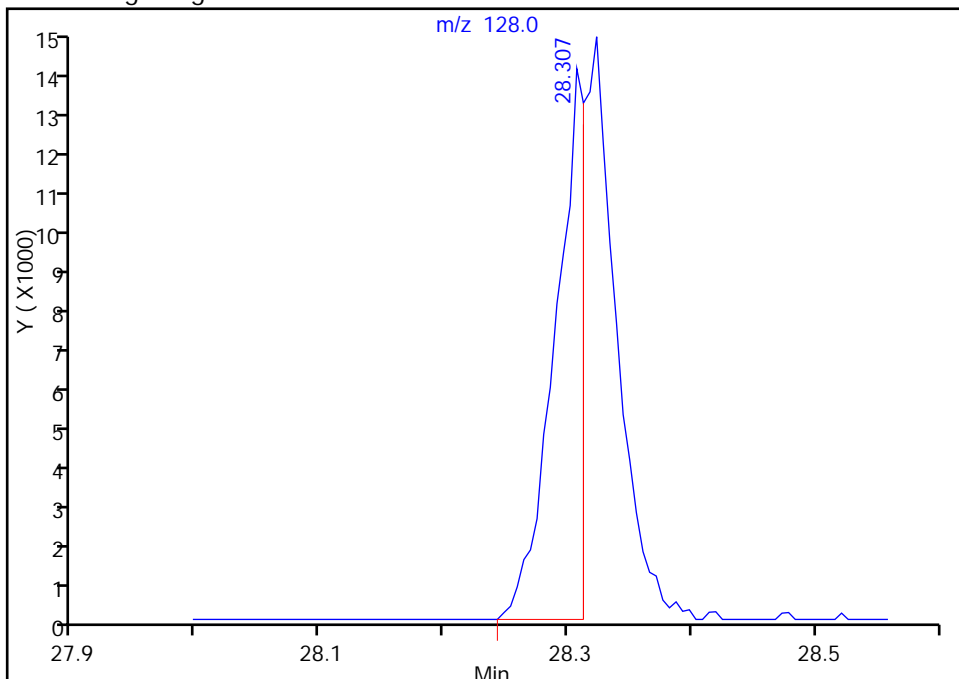
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

109 Naphthalene, CAS: 91-20-3

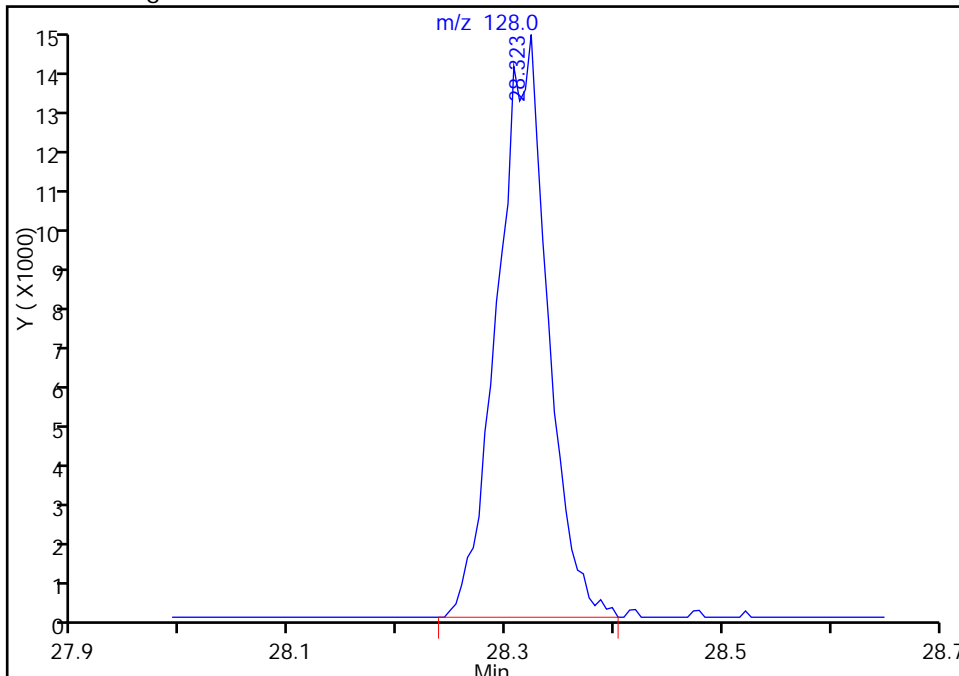
RT: 28.31
Response: 23142
Amount: 0.112900

Processing Integration Results



RT: 28.32
Response: 47038
Amount: 0.176876

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_007.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Feb-2014 21:39:30 ALS Bottle#: 4 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-007
 Misc. Info.: IC 04
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:30 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:14:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.372	4.383	-0.011	97	171162	5.33	
2 Dichlorodifluoromethane	85	4.463	4.479	-0.016	99	1220565	5.48	
6 Chlorodifluoromethane	51	4.533	4.544	-0.011	74	450035	5.34	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.822	4.832	-0.010	87	981010	5.17	
8 Chloromethane	50	5.014	5.025	-0.011	100	203833	5.32	
9 Butane	43	5.276	5.287	-0.011	95	318783	5.13	
10 Vinyl chloride	62	5.335	5.346	-0.011	97	269168	4.88	
11 Butadiene	54	5.437	5.442	-0.005	93	174832	5.15	
13 BFB								
12 Bromomethane	94	6.309	6.314	-0.005	98	289016	5.07	
14 Chloroethane	64	6.592	6.598	-0.006	99	152598	5.20	
15 2-Methylbutane	43	6.678	6.678	0.0	86	236416	4.99	
16 Vinyl bromide	106	7.069	7.079	-0.010	97	392846	5.17	
17 Trichlorofluoromethane	101	7.186	7.192	-0.006	98	1279646	5.13	
18 Pentane	43	7.352	7.357	-0.005	92	352418	5.31	
19 Ethanol	45	7.807	7.796	0.011	99	131994	9.48	
21 Ethyl ether	59	7.941	7.941	0.0	90	183849	5.29	
22 Acrolein	56	8.411	8.406	0.005	97	76637	5.25	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.438	8.443	-0.005	94	808116	5.17	
24 1,1-Dichloroethene	96	8.513	8.518	-0.005	95	354054	5.26	
25 Acetone	43	8.748	8.748	0.0	87	391667	5.54	
26 Carbon disulfide	76	8.994	9.000	-0.006	98	831075	5.36	
27 Isopropyl alcohol	45	9.032	9.032	0.0	96	316558	5.34	
29 3-Chloro-1-propene	41	9.406	9.406	0.0	82	252541	5.28	
30 Acetonitrile	41	9.535	9.535	0.0	98	142489	5.50	
31 Methylene Chloride	49	9.727	9.733	-0.006	79	257469	5.23	
32 2-Methyl-2-propanol	59	9.909	9.904	0.005	99	535129	4.98	
33 Methyl tert-butyl ether	73	10.155	10.161	-0.006	95	980616	5.51	
S 41 1,2-Dichloroethene, Total	61				0		10.8	
34 trans-1,2-Dichloroethene	61	10.230	10.236	-0.006	89	433458	5.34	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags				
	35			53	10.385	10.385	0.0	92	159777	5.30	
	36			57	10.642	10.653	-0.011	89	385941	5.66	
	37			63	11.204	11.199	0.005	99	539837	4.95	
	38			43	11.236	11.236	0.0	98	542530	5.35	
	39			96	12.370	12.375	-0.005	96	386761	5.44	
	40			72	12.392	12.392	0.0	99	154286	5.15	
	42			88	12.408	12.413	-0.005	98	30878	5.31	
	44			42	12.846	12.846	0.0	69	222914	5.27	
*	43			128	12.857	12.852	0.005	69	486864	10.0	
	45			83	12.964	12.964	0.0	99	839011	5.14	
	46			84	13.264	13.264	0.0	82	469748	5.75	
	47			97	13.280	13.280	0.0	94	987246	5.29	
	48			117	13.531	13.531	0.0	98	1073132	5.03	
	51			57	13.932	13.927	0.005	97	1284681	5.91	
	50			78	13.986	13.986	0.0	93	1074151	5.51	
	52			62	14.146	14.141	0.005	99	515799	5.23	
	53			43	14.280	14.275	0.005	81	404843	5.96	
*	54			114	14.745	14.745	0.0	92	2237364	10.0	
A	57			1	14.769	6.668 - 22.871		0	148428451	0	
	55			56	15.029	15.024	0.005	86	109119	4.51	
	56			95	15.211	15.211	0.0	95	548439	5.46	
	58			63	15.730	15.730	0.0	84	315796	5.32	
	59			69	15.815	15.815	0.0	77	334014	5.43	
	60			88	15.901	15.901	0.0	84	196887	5.77	
	61			174	15.971	15.970	0.0	88	673103	5.47	
	62			83	16.222	16.222	0.0	98	924191	5.38	
A	63			1	16.631	4.373 - 28.889		0	264356361	1629.3	
	64			75	17.089	17.083	0.006	90	545437	5.61	
	65			43	17.324	17.324	0.0	91	535897	5.63	
A	68			1	17.656	17.606 -17.706		0	6299768	NC	
	69			43	17.661	17.656	0.005	72	579055	6.43	
	66			92	17.661	17.661	0.0	93	882590	5.92	
A	67			1	17.661	17.621 -17.701		0	6299768	NC	
	70			75	18.191	18.191	0.0	95	619426	5.55	
	71			83	18.560	18.560	0.0	92	399446	5.38	
	72			166	18.699	18.699	0.0	97	1020413	5.50	
	73			43	18.950	18.950	0.0	91	443501	5.29	
	74			129	19.314	19.314	0.0	97	1138452	5.52	
	75			107	19.598	19.603	-0.005	98	829518	5.50	
S	82			106				0		18.2	
*	76			117	20.448	20.443	0.005	82	2054549	10.0	
	77			112	20.502	20.502	0.0	96	1330706	5.34	
	78			91	20.614	20.614	0.0	95	2028333	5.83	
	79			57	20.673	20.673	0.0	78	696553	6.00	
	80			106	20.833	20.833	0.0	100	1675100	11.9	
	83			106	21.545	21.545	0.0	94	826439	6.24	
	84			104	21.582	21.582	0.0	96	1240344	6.31	
	85			173	21.962	21.962	0.0	99	1186666	5.72	
	86			105	22.107	22.112	-0.005	95	2596374	6.37	
\$	87			95	22.444	22.444	0.0	97	1475263	NC	
	88			83	22.668	22.668	0.0	95	1112645	5.51	
	90			91	22.743	22.743	0.0	99	2968983	6.26	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	86	882232	5.68
93	n-Decane		57	22.856	22.861	-0.005	82	992488	6.10
91	4-Ethyltoluene		105	22.909	22.909	0.0	96	2744394	6.05
92	2-Chlorotoluene		91	22.941	22.946	-0.005	93	2311137	5.83
94	1,3,5-Trimethylbenzene		105	23.000	23.005	-0.005	92	2501007	5.96
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	89	1135811	6.49
96	tert-Butylbenzene		119	23.476	23.481	-0.005	93	2538938	6.23
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	96	2503522	6.25
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	3515887	6.37
99	4-Isopropyltoluene		119	24.011	24.011	0.0	95	3130978	6.45
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	98	1675063	5.74
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	1579835	5.81
102	Benzyl chloride		91	24.434	24.434	0.0	100	1396458	5.72
104	Undecane		57	24.632	24.626	0.006	88	1039378	6.30
103	n-Butylbenzene		91	24.648	24.653	-0.005	97	2306191	6.26
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	98	1648253	5.80
106	Dodecane		57	26.435	26.434	0.001	89	643320	5.96
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	93	776311	5.32
108	Hexachlorobutadiene		225	27.927	27.927	0.0	95	1379928	5.98
109	Naphthalene		128	28.312	28.312	0.0	99	1507181	5.29
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	96	837537	6.16

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_007.d

Injection Date: 11-Feb-2014 21:39:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

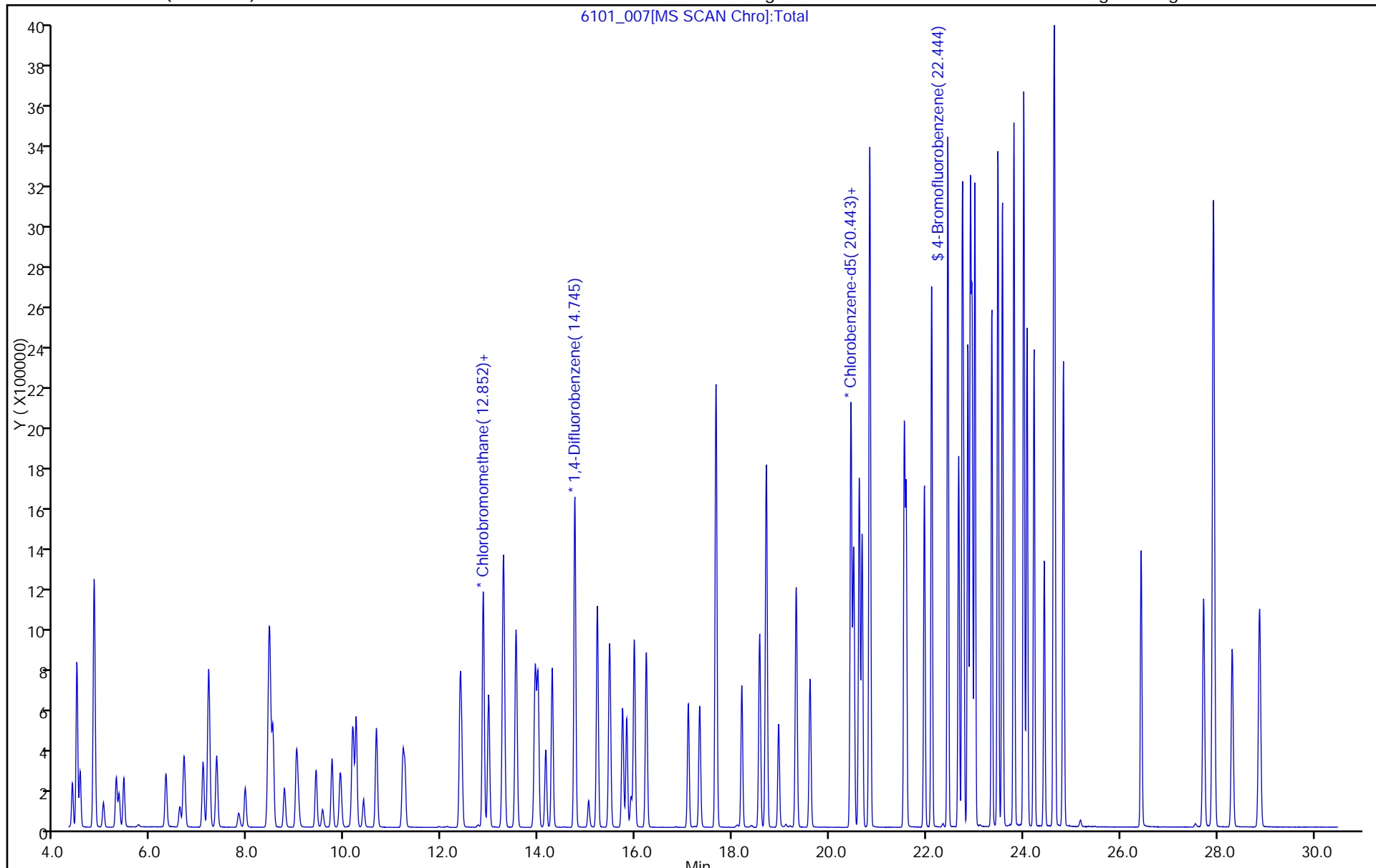
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_008.d
 Lims ID: ICIS Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 11-Feb-2014 22:30:30 ALS Bottle#: 5 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-008
 Misc. Info.: ICIS 05
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:32 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:11:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.383	4.383	0.0	97	343851	10.4	
2 Dichlorodifluoromethane	85	4.479	4.479	0.0	99	2378638	10.4	
6 Chlorodifluoromethane	51	4.544	4.544	0.0	93	899214	10.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.832	4.832	0.0	86	1945417	9.95	
8 Chloromethane	50	5.025	5.025	0.0	99	405869	10.3	
9 Butane	43	5.287	5.287	0.0	96	669296	10.5	
10 Vinyl chloride	62	5.346	5.346	0.0	97	540976	9.52	
11 Butadiene	54	5.442	5.442	0.0	94	355554	10.2	
13 BFB								
12 Bromomethane	94	6.314	6.314	0.0	98	560804	9.55	
14 Chloroethane	64	6.598	6.598	0.0	97	302251	10.0	
15 2-Methylbutane	43	6.678	6.678	0.0	86	482131	9.88	
16 Vinyl bromide	106	7.079	7.079	0.0	97	818236	10.5	
17 Trichlorofluoromethane	101	7.192	7.192	0.0	98	2528605	9.84	
18 Pentane	43	7.357	7.357	0.0	93	741782	10.8	
19 Ethanol	45	7.796	7.796	0.0	99	226444	15.8	
21 Ethyl ether	59	7.941	7.941	0.0	90	383629	10.7	
22 Acrolein	56	8.406	8.406	0.0	97	155867	10.4	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.443	8.443	0.0	93	1592514	9.90	
24 1,1-Dichloroethene	96	8.518	8.518	0.0	94	739217	10.7	
25 Acetone	43	8.748	8.748	0.0	87	750249	10.3	
26 Carbon disulfide	76	9.000	9.000	0.0	99	1626028	10.2	
27 Isopropyl alcohol	45	9.032	9.032	0.0	96	638753	10.5	
29 3-Chloro-1-propene	41	9.406	9.406	0.0	82	543129	11.0	
30 Acetonitrile	41	9.535	9.535	0.0	99	277223	10.4	
31 Methylene Chloride	49	9.733	9.733	0.0	80	505909	9.98	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	99	1146724	10.4	
33 Methyl tert-butyl ether	73	10.161	10.161	0.0	94	2031361	11.1	
S 41 1,2-Dichloroethene, Total	61				0		21.0	
34 trans-1,2-Dichloroethene	61	10.236	10.236	0.0	89	867076	10.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.385	10.385	0.0	95	326101	10.5
	36			10.653	10.653	0.0	89	788682	11.2
	37			11.199	11.199	0.0	99	1069009	9.51
	38			11.236	11.236	0.0	99	1146393	11.0
	39			12.375	12.375	0.0	96	774715	10.6
	40			12.392	12.392	0.0	99	313135	10.2
	42			12.413	12.413	0.0	99	61836	10.3
	44			12.846	12.846	0.0	84	457039	10.5
*	43			12.852	12.852	0.0	69	501508	10.0
	45			12.964	12.964	0.0	99	1649325	9.81
	46			13.264	13.264	0.0	83	957033	11.4
	47			13.280	13.280	0.0	95	1968604	10.2
	48			13.531	13.531	0.0	98	2161114	9.84
	51			13.927	13.927	0.0	97	2610676	11.7
	50			13.986	13.986	0.0	94	2086670	10.4
	52			14.141	14.141	0.0	99	1031280	10.1
	53			14.275	14.275	0.0	82	813077	11.6
*	54			14.745	14.745	0.0	93	2304289	10.0
A	57			14.769	6.668 - 22.871	0	293432317	0	
	55			15.024	15.024	0.0	85	273216	11.0
	56			15.211	15.211	0.0	96	1093818	10.6
	58			15.730	15.730	0.0	84	633574	10.4
	59			15.815	15.815	0.0	77	689745	10.9
	60			15.901	15.901	0.0	84	391865	11.1
	61			15.970	15.970	0.0	88	1293999	10.2
	62			16.222	16.222	0.0	98	1820765	10.3
A	63			16.631	4.373 - 28.889	0	508101519	3040.6	
	64			17.083	17.083	0.0	90	1150881	11.5
	65			17.324	17.324	0.0	90	1109388	11.3
A	68			17.656	17.606 - 17.706	0	11725978	NC	
	69			17.656	17.656	0.0	75	1086165	11.7
	66			17.661	17.661	0.0	93	1640930	10.7
A	67			17.661	17.621 - 17.701	0	11725978	NC	
	70			18.191	18.191	0.0	95	1285366	11.2
	71			18.560	18.560	0.0	92	772501	10.1
	72			18.699	18.699	0.0	98	1955557	10.3
	73			18.950	18.950	0.0	90	999194	11.6
	74			19.314	19.314	0.0	97	2243618	10.6
	75			19.603	19.603	0.0	99	1647907	10.6
S	82			106		0			32.8
*	76			20.443	20.443	0.0	77	2110792	10.0
	77			20.502	20.502	0.0	95	2507389	9.79
	78			20.614	20.614	0.0	96	3850088	10.8
	79			20.673	20.673	0.0	78	1317312	11.0
	80			20.833	20.833	0.0	100	3079468	21.3
	83			21.545	21.545	0.0	94	1565048	11.5
	84			21.582	21.582	0.0	95	2307779	11.4
	85			21.962	21.962	0.0	99	2310981	10.8
	86			22.112	22.112	0.0	95	4904975	11.7
\$	87			22.444	22.444	0.0	97	1509344	NC
	88			22.668	22.668	0.0	94	2110021	10.2
	90			22.743	22.743	0.0	99	5484899	11.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	86	1679144	10.5
93	n-Decane		57	22.861	22.861	0.0	82	1831550	11.0
91	4-Ethyltoluene		105	22.909	22.909	0.0	85	5051019	10.8
92	2-Chlorotoluene		91	22.946	22.946	0.0	90	4210305	10.3
94	1,3,5-Trimethylbenzene		105	23.005	23.005	0.0	92	4581558	10.6
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	89	2172262	12.1
96	tert-Butylbenzene		119	23.481	23.481	0.0	90	4623515	11.0
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	97	4494942	10.9
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	6292317	11.1
99	4-Isopropyltoluene		119	24.011	24.011	0.0	82	5659873	11.3
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	97	2996936	10.0
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	2911165	10.4
102	Benzyl chloride		91	24.434	24.434	0.0	100	2879263	11.5
104	Undecane		57	24.626	24.626	0.0	88	1771437	10.5
103	n-Butylbenzene		91	24.653	24.653	0.0	97	4052857	10.7
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	98	2985364	10.2
106	Dodecane		57	26.434	26.434	0.0	90	1198806	10.8
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	92	1455819	9.70
108	Hexachlorobutadiene		225	27.927	27.927	0.0	95	2517277	10.6
109	Naphthalene		128	28.312	28.312	0.0	99	2874765	9.83
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	96	1579192	11.3

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_008.d

Injection Date: 11-Feb-2014 22:30:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: ICIS

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

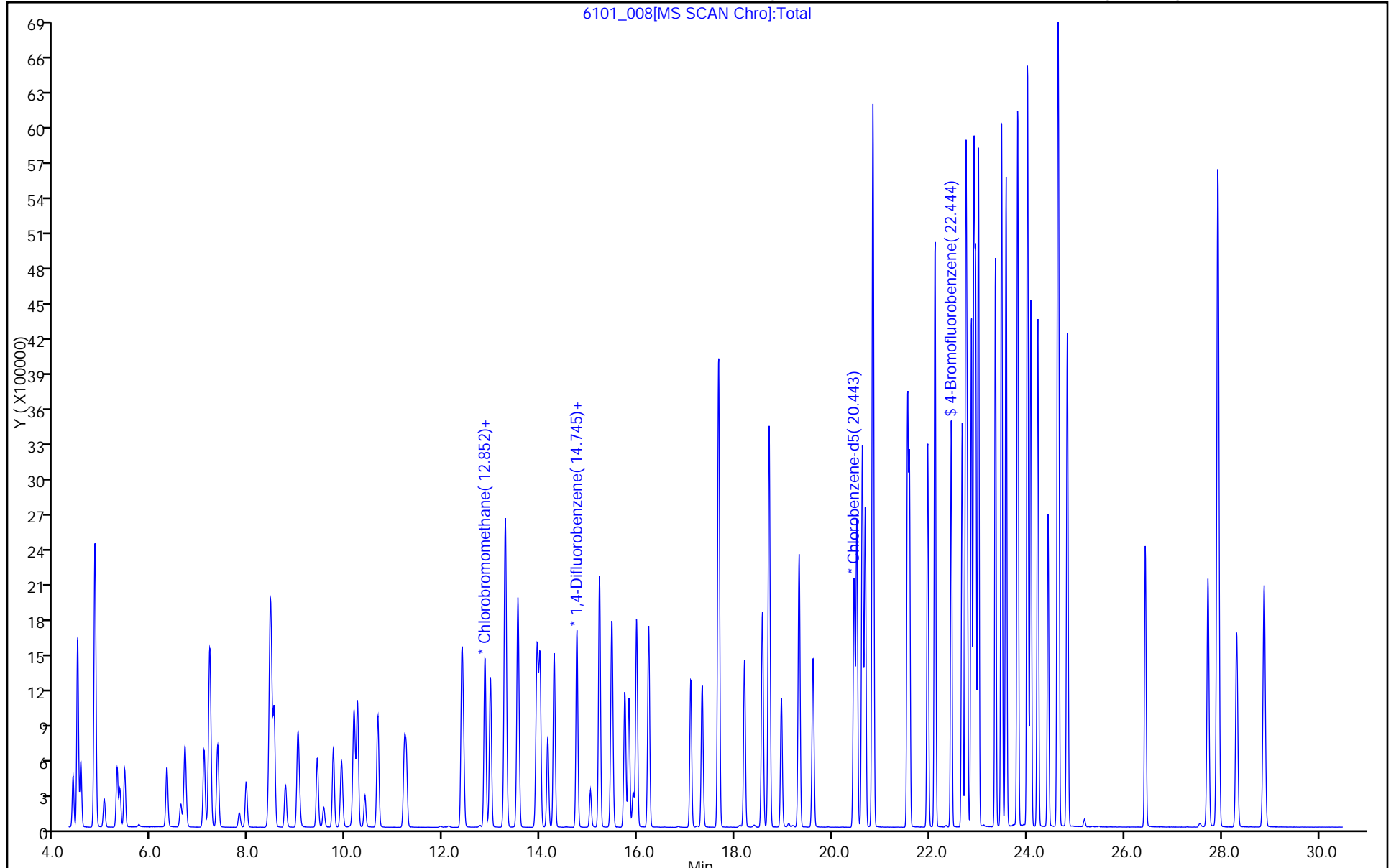
ALS Bottle#: 5

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_009.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Feb-2014 23:18:30 ALS Bottle#: 6 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-009
 Misc. Info.: IC 06
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:34 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:13:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.383	4.383	0.0	96	497717	14.3	
2 Dichlorodifluoromethane	85	4.474	4.479	-0.005	99	3454862	14.3	
6 Chlorodifluoromethane	51	4.543	4.544	-0.001	93	1313467	14.4	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.832	4.832	0.0	87	2820237	13.7	
8 Chloromethane	50	5.025	5.025	0.0	99	588133	14.2	
9 Butane	43	5.292	5.287	0.005	95	1011815	15.0	
10 Vinyl chloride	62	5.346	5.346	0.0	97	835769	14.0	
11 Butadiene	54	5.448	5.442	0.006	94	560716	15.3	
13 BFB								
12 Bromomethane	94	6.314	6.314	0.0	98	828778	13.4	
14 Chloroethane	64	6.598	6.598	0.0	99	457236	14.4	
15 2-Methylbutane	43	6.689	6.678	0.011	86	738402	14.4	
16 Vinyl bromide	106	7.079	7.079	0.0	96	1217044	14.8	
17 Trichlorofluoromethane	101	7.192	7.192	0.0	98	3703863	13.7	
18 Pentane	43	7.357	7.357	0.0	94	1108891	15.4	
19 Ethanol	45	7.812	7.796	0.016	100	308515	20.5	
21 Ethyl ether	59	7.946	7.941	0.005	90	581305	15.5	
22 Acrolein	56	8.411	8.406	0.005	96	237523	15.0	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.443	8.443	0.0	94	2306374	13.6	
24 1,1-Dichloroethene	96	8.518	8.518	0.0	95	1078004	14.8	
25 Acetone	43	8.754	8.748	0.006	87	1125892	14.7	
26 Carbon disulfide	76	9.005	9.000	0.005	99	2596279	15.5	
27 Isopropyl alcohol	45	9.043	9.032	0.011	97	961747	15.0	
29 3-Chloro-1-propene	41	9.406	9.406	0.0	81	829304	16.0	
30 Acetonitrile	41	9.545	9.535	0.010	98	411094	14.7	
31 Methylene Chloride	49	9.738	9.733	0.005	79	744018	14.0	
32 2-Methyl-2-propanol	59	9.915	9.904	0.011	98	1783773	15.3	
33 Methyl tert-butyl ether	73	10.166	10.161	0.005	94	3170295	16.4	
S 41 1,2-Dichloroethene, Total	61				0		29.6	
34 trans-1,2-Dichloroethene	61	10.236	10.236	0.0	88	1292403	14.7	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			53	10.391 10.385	0.006	94	496804	15.2
	36			57	10.653 10.653	0.0	89	1189586	16.1
	37			63	11.204 11.199	0.005	99	1595192	13.5
	38			43	11.241 11.236	0.005	98	1751501	16.0
	39			96	12.375 12.375	0.0	96	1141574	14.8
	40			72	12.392 12.392	0.0	100	466744	14.4
	42			88	12.418 12.413	0.005	96	94117	14.9
	44			42	12.852 12.846	0.006	86	690927	14.7
*	43			128	12.857 12.852	0.005	69	527057	10.0
	45			83	12.969 12.964	0.005	99	2430240	13.8
	46			84	13.269 13.264	0.005	83	1414803	15.7
	47			97	13.280 13.280	0.0	95	2917040	14.1
	48			117	13.536 13.531	0.005	98	3218312	13.6
	51			57	13.932 13.927	0.005	97	3911322	16.2
	50			78	13.986 13.986	0.0	95	3027632	14.0
	52			62	14.146 14.141	0.005	99	1547719	14.2
	53			43	14.280 14.275	0.005	80	1220006	16.2
*	54			114	14.751 14.745	0.006	92	2475982	10.0
A	57			1	14.769 6.668 - 22.871	0	431599981	0	
	55			56	15.029 15.024	0.005	83	393100	14.7
	56			95	15.211 15.211	0.0	95	1614737	14.5
	58			63	15.735 15.730	0.005	87	947244	14.4
	59			69	15.815 15.815	0.0	76	1068481	15.7
	60			88	15.906 15.901	0.005	84	550207	14.6
	61			174	15.976 15.970	0.006	88	1894498	13.9
	62			83	16.222 16.222	0.0	98	2748878	14.5
A	63			1	16.631 4.373 - 28.889	0	772495141	4302.3	
	64			75	17.089 17.083	0.006	90	1750127	16.3
	65			43	17.324 17.324	0.0	90	1678347	15.9
A	68			1	17.656 17.606 - 17.706	0	17158560	NC	
	69			43	17.656 17.656	0.0	83	1590149	16.0
	66			92	17.666 17.661	0.005	93	2371159	14.5
A	67			1	17.661 17.621 - 17.701	0	17158560	NC	
	70			75	18.191 18.191	0.0	95	1979602	16.0
	71			83	18.560 18.560	0.0	92	1153540	14.2
	72			166	18.699 18.699	0.0	98	2885651	14.2
	73			43	18.950 18.950	0.0	91	1521211	16.5
	74			129	19.314 19.314	0.0	97	3381129	14.9
	75			107	19.603 19.603	0.0	99	2498481	15.1
S	82			106			0		45.4
*	76			117	20.448 20.443	0.005	70	2252830	10.0
	77			112	20.502 20.502	0.0	95	3746501	13.7
	78			91	20.619 20.614	0.005	97	5769956	15.1
	79			57	20.678 20.673	0.005	78	1956375	15.4
	80			106	20.833 20.833	0.0	99	4513409	29.3
	83			106	21.545 21.545	0.0	94	2337173	16.1
	84			104	21.588 21.582	0.006	95	3533241	16.4
	85			173	21.962 21.962	0.0	99	3495836	15.4
	86			105	22.112 22.112	0.0	96	7235379	16.2
\$	87			95	22.444 22.444	0.0	97	1659952	NC
	88			83	22.668 22.668	0.0	93	3081214	13.9
	90			91	22.743 22.743	0.0	98	8010892	15.4

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	88	2458252	14.4
93	n-Decane		57	22.856	22.861	-0.005	81	2713052	15.2
91	4-Ethyltoluene		105	22.909	22.909	0.0	91	7409410	14.9
92	2-Chlorotoluene		91	22.946	22.946	0.0	91	6297673	14.5
94	1,3,5-Trimethylbenzene		105	23.005	23.005	0.0	92	6799820	14.8
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	88	3365446	17.5
96	tert-Butylbenzene		119	23.481	23.481	0.0	90	6641827	14.9
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	97	6788417	15.5
98	sec-Butylbenzene		105	23.808	23.808	0.0	97	9059791	15.0
99	4-Isopropyltoluene		119	24.011	24.011	0.0	91	8287851	15.6
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	96	4808668	15.0
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	4756349	16.0
102	Benzyl chloride		91	24.434	24.434	0.0	100	4855035	18.1
104	Undecane		57	24.626	24.626	0.0	88	2770918	15.3
103	n-Butylbenzene		91	24.653	24.653	0.0	97	6158663	15.3
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	97	4708714	15.1
106	Dodecane		57	26.434	26.434	0.0	89	2361611	20.0
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	94	2957719	18.5
108	Hexachlorobutadiene		225	27.927	27.927	0.0	94	3811308	15.1
109	Naphthalene		128	28.312	28.312	0.0	99	6251138	20.0
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	96	2955162	19.8

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_009.d

Injection Date: 11-Feb-2014 23:18:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

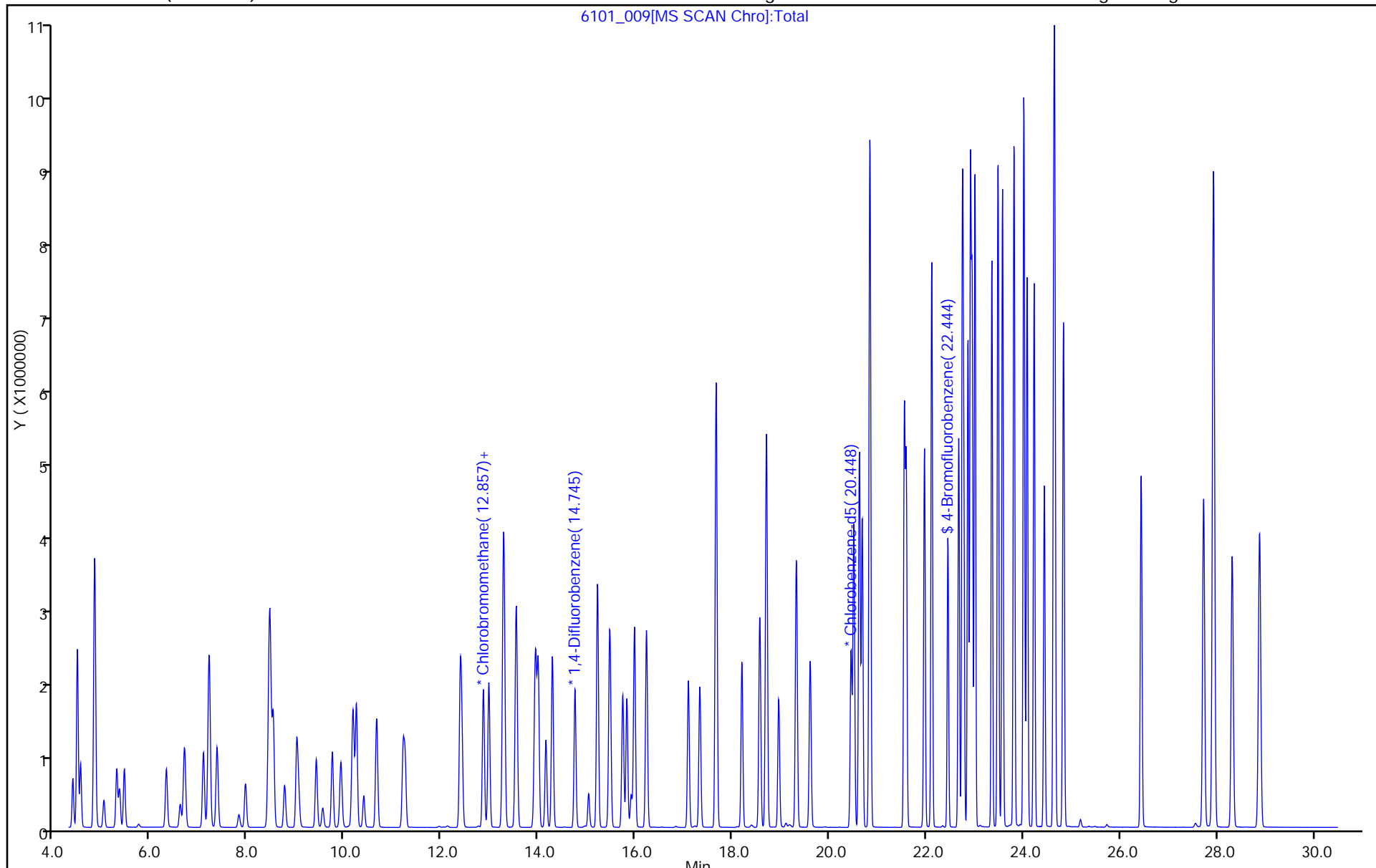
ALS Bottle#: 6

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_010.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 12-Feb-2014 00:07:30 ALS Bottle#: 7 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-010
 Misc. Info.: IC 07
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:36 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:13:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.399	4.383	0.016	96	661767	18.2	
2 Dichlorodifluoromethane	85	4.490	4.479	0.011	99	4516674	17.9	
6 Chlorodifluoromethane	51	4.554	4.544	0.010	96	1744155	18.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.843	4.832	0.011	94	3682503	17.1	
8 Chloromethane	50	5.036	5.025	0.011	99	791790	18.2	
9 Butane	43	5.303	5.287	0.016	95	1348334	19.2	
10 Vinyl chloride	62	5.357	5.346	0.011	97	1129770	18.1	
11 Butadiene	54	5.458	5.442	0.016	93	760983	19.8	
13 BFB								
12 Bromomethane	94	6.325	6.314	0.011	99	1190336	18.4	
14 Chloroethane	64	6.614	6.598	0.016	99	631582	19.0	
15 2-Methylbutane	43	6.705	6.678	0.027	87	1009878	18.8	
16 Vinyl bromide	106	7.090	7.079	0.011	98	1633426	19.0	
17 Trichlorofluoromethane	101	7.208	7.192	0.016	99	4925201	17.4	
18 Pentane	43	7.379	7.357	0.022	93	1471017	19.6	
19 Ethanol	45	7.855	7.796	0.059	99	626323	39.7	
21 Ethyl ether	59	7.967	7.941	0.026	90	786498	20.0	
22 Acrolein	56	8.433	8.406	0.027	97	324034	19.6	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.460	8.443	0.017	94	3038104	17.2	
24 1,1-Dichloroethene	96	8.535	8.518	0.017	96	1440385	18.9	
25 Acetone	43	8.781	8.748	0.033	87	1591853	19.9	
26 Carbon disulfide	76	9.021	9.000	0.021	98	3234115	18.4	
27 Isopropyl alcohol	45	9.086	9.032	0.054	97	1302161	19.4	
29 3-Chloro-1-propene	41	9.423	9.406	0.017	82	1129901	20.9	
30 Acetonitrile	41	9.562	9.535	0.027	99	566435	19.3	
31 Methylene Chloride	49	9.754	9.733	0.021	79	1005390	18.0	
32 2-Methyl-2-propanol	59	9.952	9.904	0.048	99	2441672	20.1	
33 Methyl tert-butyl ether	73	10.188	10.161	0.027	94	4285532	21.3	
S 41 1,2-Dichloroethene, Total	61				0		38.4	
34 trans-1,2-Dichloroethene	61	10.252	10.236	0.016	88	1723602	18.8	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	35			53	10.407 10.385	0.022	93 668184 19.6
	36			57	10.669 10.653	0.016	89 1605996 20.8
	37			63	11.220 11.199	0.021	99 2164552 17.5
	38			43	11.263 11.236	0.027	99 2410980 21.0
	39			96	12.392 12.375	0.017	99 1582116 19.7
	40			72	12.413 12.392	0.021	99 636539 18.8
	42			88	12.440 12.413	0.027	96 126901 19.3
	44			42	12.868 12.846	0.022	85 952136 19.6
*	43			128	12.873 12.852	0.021	74 551150 10.0
	45			83	12.980 12.964	0.016	99 3317829 18.0
	46			84	13.280 13.264	0.016	82 1919134 20.4
	47			97	13.296 13.280	0.016	95 3959774 18.4
	48			117	13.542 13.531	0.011	98 4337444 17.7
	51			57	13.943 13.927	0.016	97 5233844 20.9
	50			78	14.002 13.986	0.016	93 4071533 18.2
	52			62	14.157 14.141	0.016	99 2108882 18.6
	53			43	14.291 14.275	0.016	80 1627119 20.8
*	54			114	14.756 14.745	0.011	93 2573104 10.0
A	57			1	14.769 6.668 - 22.871	0	576637732 0
	55			56	15.050 15.024	0.026	84 578640 20.8
	56			95	15.222 15.211	0.011	95 2178196 18.9
	58			63	15.741 15.730	0.011	84 1268562 18.6
	59			69	15.826 15.815	0.011	76 1439673 20.3
	60			88	15.917 15.901	0.016	84 728137 18.6
	61			174	15.987 15.970	0.017	88 2490929 17.6
	62			83	16.233 16.222	0.011	98 3678848 18.6
A	63			1	16.631 4.373 - 28.889	0	1022878503 5481.7
	64			75	17.094 17.083	0.011	90 2400930 21.5
	65			43	17.329 17.324	0.005	90 2240568 20.5
A	68			1	17.656 17.606 - 17.706	0	22390100 NC
	69			43	17.666 17.656	0.010	77 2074970 20.0
	66			92	17.672 17.661	0.011	94 3095855 18.0
A	67			1	17.661 17.621 - 17.701	0	22390100 NC
	70			75	18.201 18.191	0.010	95 2696132 21.0
	71			83	18.571 18.560	0.011	92 1543025 17.9
	72			166	18.704 18.699	0.005	98 3817042 17.8
	73			43	18.961 18.950	0.011	90 2111642 21.8
	74			129	19.320 19.314	0.006	97 4523936 18.9
	75			107	19.608 19.603	0.005	99 3368163 19.3
S	82			106		0	56.4
*	76			117	20.454 20.443	0.011	65 2377432 10.0
	77			112	20.507 20.502	0.005	95 4973639 17.2
	78			91	20.625 20.614	0.011	95 7636888 19.0
	79			57	20.678 20.673	0.005	78 2571881 19.1
	80			106	20.839 20.833	0.006	99 5905377 36.3
	83			106	21.550 21.545	0.005	94 3079865 20.1
	84			104	21.588 21.582	0.006	94 4677097 20.6
	85			173	21.968 21.962	0.006	98 4598090 19.1
	86			105	22.117 22.112	0.005	96 9442987 20.0
\$	87			95	22.449 22.444	0.005	97 1727188 NC
	88			83	22.674 22.668	0.006	93 4060277 17.4
	90			91	22.749 22.743	0.006	97 10306137 18.8

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.775	22.770	0.005	93	3249502	18.1
93	n-Decane		57	22.861	22.861	0.0	81	3487876	18.5
91	4-Ethyltoluene		105	22.915	22.909	0.006	96	9515286	18.1
92	2-Chlorotoluene		91	22.947	22.946	0.001	94	8101828	17.7
94	1,3,5-Trimethylbenzene		105	23.005	23.005	0.0	93	8755104	18.0
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	88	4431870	21.9
96	tert-Butylbenzene		119	23.482	23.481	0.001	90	8571312	18.2
97	1,2,4-Trimethylbenzene		105	23.578	23.572	0.006	97	8763488	18.9
98	sec-Butylbenzene		105	23.813	23.808	0.005	96	11547049	18.1
99	4-Isopropyltoluene		119	24.017	24.011	0.006	90	10584636	18.8
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	96	6295982	18.6
101	1,4-Dichlorobenzene		146	24.231	24.225	0.006	95	6263556	19.9
102	Benzyl chloride		91	24.439	24.434	0.005	99	6747945	23.9
104	Undecane		57	24.632	24.626	0.006	87	3484036	18.3
103	n-Butylbenzene		91	24.653	24.653	0.0	97	7909203	18.6
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	97	6199708	18.9
106	Dodecane		57	26.440	26.434	0.006	90	3032210	24.3
107	1,2,4-Trichlorobenzene		180	27.729	27.724	0.005	94	4005998	23.7
108	Hexachlorobutadiene		225	27.927	27.927	0.0	93	4829134	18.1
109	Naphthalene		128	28.318	28.312	0.006	99	8113281	24.6
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	95	3927460	24.9

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_010.d

Injection Date: 12-Feb-2014 00:07:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

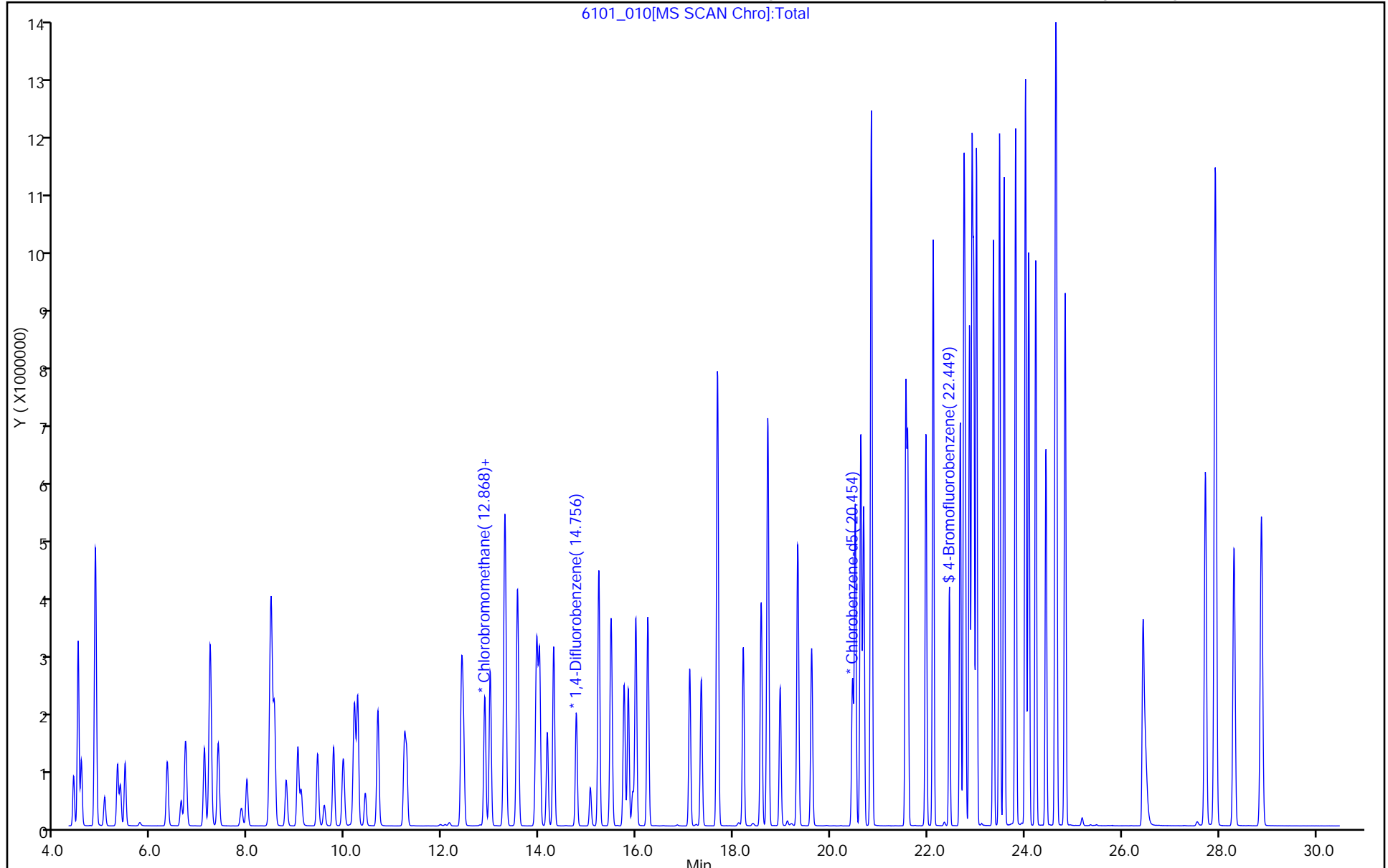
ALS Bottle#: 7

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 12-Feb-2014 00:55:30 ALS Bottle#: 8 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-011
 Misc. Info.: IC 08
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:38 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:12:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.394	4.383	0.011	97	1299181	35.1	
2 Dichlorodifluoromethane	85	4.485	4.479	0.006	98	8550592	33.4	
6 Chlorodifluoromethane	51	4.554	4.544	0.010	93	3413634	35.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.843	4.832	0.011	86	7032234	32.2	
8 Chloromethane	50	5.036	5.025	0.011	99	1586316	35.9	
9 Butane	43	5.303	5.287	0.016	94	2666551	37.3	
10 Vinyl chloride	62	5.357	5.346	0.011	97	2226661	35.1	
11 Butadiene	54	5.459	5.442	0.016	93	1497279	38.3	
13 BFB								
12 Bromomethane	94	6.331	6.314	0.016	99	2299545	35.0	
14 Chloroethane	64	6.614	6.598	0.016	99	1277845	37.8	
15 2-Methylbutane	43	6.705	6.678	0.027	86	1989631	36.5	
16 Vinyl bromide	106	7.096	7.079	0.017	99	3215429	36.7	
17 Trichlorofluoromethane	101	7.213	7.192	0.021	98	9585030	33.4	
18 Pentane	43	7.384	7.357	0.027	93	2914419	38.1	
19 Ethanol	45	7.871	7.796	0.075	100	1549275	96.7	
21 Ethyl ether	59	7.973	7.941	0.032	88	1580002	39.5	
22 Acrolein	56	8.438	8.406	0.032	97	626835	37.3	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.470	8.443	0.027	95	5837171	32.5	
24 1,1-Dichloroethene	96	8.535	8.518	0.017	95	2826103	36.5	
25 Acetone	43	8.791	8.748	0.043	87	2879495	35.4	
26 Carbon disulfide	76	9.021	9.000	0.021	98	6427705	36.0	
27 Isopropyl alcohol	45	9.107	9.032	0.075	98	2486222	36.5	
29 3-Chloro-1-propene	41	9.433	9.406	0.027	81	2265645	41.1	
30 Acetonitrile	41	9.572	9.535	0.037	98	1093925	36.7	
31 Methylene Chloride	49	9.760	9.733	0.027	79	2025034	35.7	
32 2-Methyl-2-propanol	59	9.974	9.904	0.070	98	4658737	37.6	
33 Methyl tert-butyl ether	73	10.193	10.161	0.032	95	8388437	40.9	
S 41 1,2-Dichloroethene, Total	61				0		74.2	
34 trans-1,2-Dichloroethene	61	10.263	10.236	0.027	88	3411936	36.5	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.418	10.385	0.033	93	1365965	39.3
	36			10.674	10.653	0.021	89	3163901	40.3
	37			11.225	11.199	0.026	99	4305646	34.3
	38			11.268	11.236	0.032	98	4741059	40.6
	39			12.397	12.375	0.022	98	3084080	37.7
	40			12.424	12.392	0.032	99	1211726	35.2
	42			12.445	12.413	0.032	97	253596	37.8
	44			12.873	12.846	0.027	80	1880073	37.4
*	43			12.879	12.852	0.027	68	560558	10.0
	45			12.991	12.964	0.027	99	6452059	34.3
	46			13.285	13.264	0.021	83	3634256	37.5
	47			13.301	13.280	0.021	95	7644188	34.5
	48			13.553	13.531	0.022	98	8456206	33.4
	51			13.948	13.927	0.021	97	9832262	38.1
	50			14.007	13.986	0.021	95	7794483	33.7
	52			14.168	14.141	0.027	99	4176790	35.7
	53			14.296	14.275	0.021	80	3119323	38.7
*	54			14.767	14.745	0.022	92	2654290	10.0
A	57			14.769	6.668 - 22.871	0	0	1106764022	0
	55			15.051	15.024	0.027	84	1126195	39.2
	56			15.227	15.211	0.016	96	4215341	35.4
	58			15.751	15.730	0.021	84	2485785	35.3
	59			15.837	15.815	0.022	76	2888354	39.5
	60			15.928	15.901	0.027	84	1345638	33.2
	61			15.992	15.970	0.022	89	4755977	32.6
	62			16.238	16.222	0.016	97	7195458	35.3
A	63			16.631	4.373 - 28.889	0	0	1868084363	9705.0
	64			17.099	17.083	0.016	90	4831261	41.9
	65			17.340	17.324	0.016	89	4374920	38.7
A	68			17.656	17.606 - 17.706	0	0	42154473	NC
	69			17.672	17.656	0.016	76	3789224	35.5
	66			17.677	17.661	0.016	94	5834314	32.8
A	67			17.661	17.621 - 17.701	0	0	42154473	NC
	70			18.202	18.191	0.011	95	5475160	41.4
	71			18.576	18.560	0.016	91	3044405	34.3
	72			18.710	18.699	0.011	98	7188363	32.5
	73			18.967	18.950	0.016	89	4156948	41.5
	74			19.330	19.314	0.016	96	8774775	35.6
	75			19.614	19.603	0.011	99	6625295	36.8
S	82			106		0	0		102.0
*	76			20.454	20.443	0.011	64	2454063	10.0
	77			20.513	20.502	0.011	93	9580082	32.2
	78			20.625	20.614	0.011	95	14213914	34.2
	79			20.684	20.673	0.011	76	4793442	34.5
	80			20.844	20.833	0.011	96	10940635	65.2
	83			21.556	21.545	0.011	94	5820499	36.8
	84			21.593	21.582	0.011	93	8924095	38.0
	85			21.968	21.962	0.006	96	8504614	34.3
	86			22.117	22.112	0.005	96	16571499	34.0
\$	87			22.449	22.444	0.005	97	1777055	NC
	88			22.674	22.668	0.006	92	7354083	30.5
	90			22.749	22.743	0.006	96	17147954	30.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
89	1,2,3-Trichloropropane	75	22.776	22.770	0.006	88	5927464	31.9
93	n-Decane	57	22.866	22.861	0.005	79	6090541	31.4
91	4-Ethyltoluene	105	22.915	22.909	0.006	81	16015232	29.6
92	2-Chlorotoluene	91	22.952	22.946	0.006	93	14469307	30.5
94	1,3,5-Trimethylbenzene	105	23.011	23.005	0.006	86	15053321	30.0
95	Alpha Methyl Styrene	118	23.359	23.353	0.006	86	8283686	39.6
96	tert-Butylbenzene	119	23.487	23.481	0.006	89	14879192	30.6
97	1,2,4-Trimethylbenzene	105	23.578	23.572	0.006	96	15215793	31.8
98	sec-Butylbenzene	105	23.819	23.808	0.011	94	19130372	29.0
99	4-Isopropyltoluene	119	24.017	24.011	0.006	90	17749239	30.6
100	1,3-Dichlorobenzene	146	24.086	24.081	0.005	94	11371054	32.6
101	1,4-Dichlorobenzene	146	24.231	24.225	0.006	93	11376207	35.0
102	Benzyl chloride	91	24.439	24.434	0.005	99	13049488	44.8
104	Undecane	57	24.632	24.626	0.006	85	5961631	30.3
103	n-Butylbenzene	91	24.659	24.653	0.006	97	13698552	31.1
105	1,2-Dichlorobenzene	146	24.835	24.830	0.005	95	11211062	33.0
106	Dodecane	57	26.456	26.434	0.022	90	921744	7.15
107	1,2,4-Trichlorobenzene	180	27.729	27.724	0.005	94	6630259	38.0
108	Hexachlorobutadiene	225	27.938	27.927	0.011	94	5670385	20.6
109	Naphthalene	128	28.318	28.312	0.006	98	14116069	41.5
110	1,2,3-Trichlorobenzene	180	28.896	28.879	0.017	96	4461825	27.5

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d

Injection Date: 12-Feb-2014 00:55:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 11

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

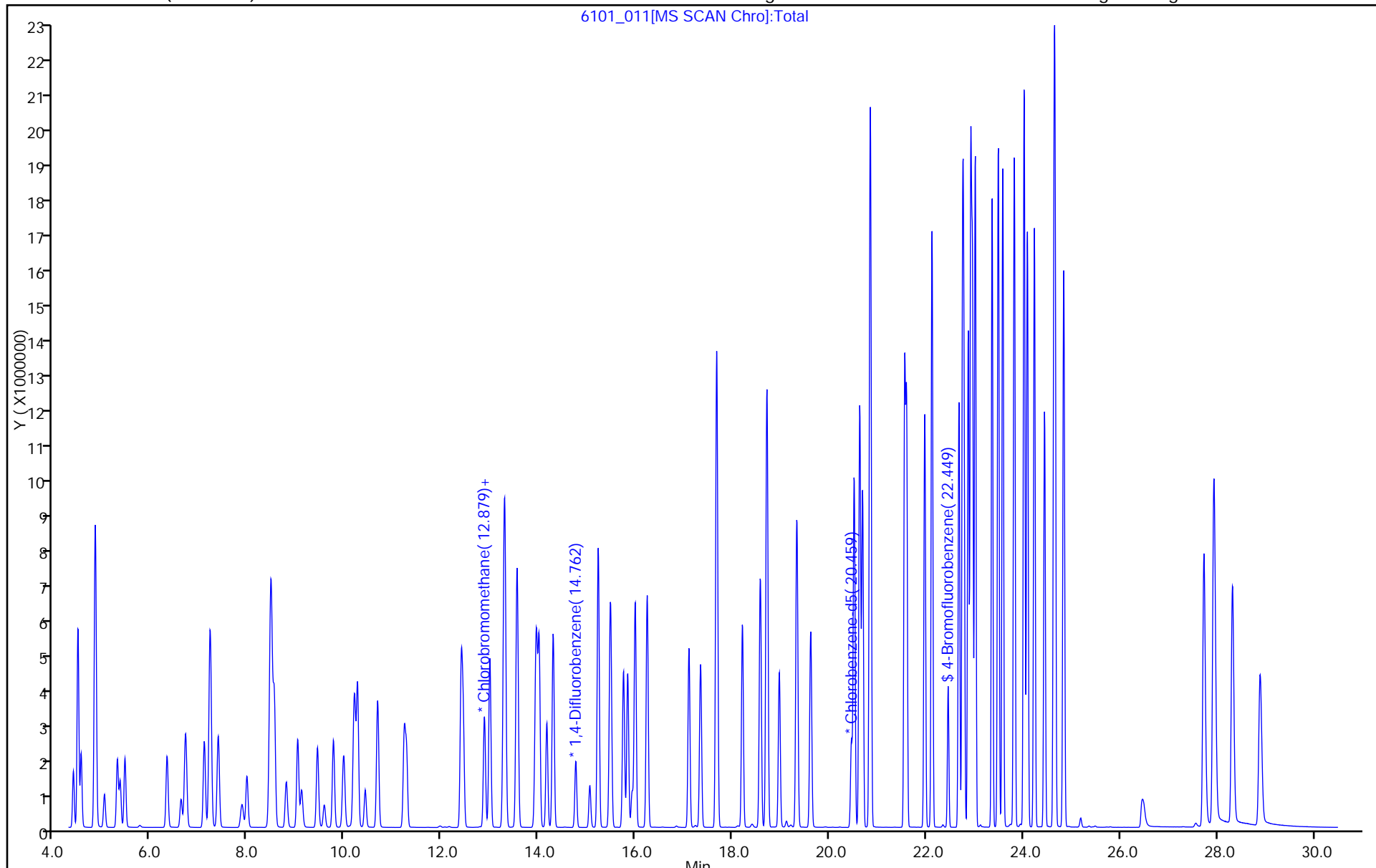
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-66774/13 Calibration Date: 01/03/2014 17:25
 Instrument ID: CHC.i Calib Start Date: 01/03/2014 09:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/03/2014 15:48
 Lab File ID: cma013.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1663	0.1489		8.95	10.0	-10.5	30.0
Freon 12	Ave	1.683	1.689		10.0	10.0	0.4	30.0
Freon 22	Ave	0.5176	0.4976		9.61	10.0	-3.9	30.0
Freon-114	Ave	1.767	1.775		10.0	10.0	0.4	30.0
Chloromethane	Ave	0.2664	0.2504		9.40	10.0	-6.0	30.0
n-Butane	Ave	0.3806	0.3486		9.16	10.0	-8.4	30.0
Vinyl chloride	Ave	0.4224	0.4283		10.1	10.0	1.4	30.0
1,3-Butadiene	Ave	0.2692	0.2708		10.1	10.0	0.6	30.0
Bromomethane	Ave	0.6591	0.6487		9.84	10.0	-1.6	30.0
Chloroethane	Ave	0.2073	0.2038		9.83	10.0	-1.7	30.0
Isopentane	Ave	0.2627	0.2370		9.02	10.0	-9.8	30.0
Vinyl bromide	Ave	0.8147	0.8554		10.5	10.0	5.0	30.0
Freon 11	Ave	1.985	2.031		10.2	10.0	2.3	30.0
n-Pentane	Ave	0.4446	0.4132		9.29	10.0	-7.1	30.0
Ethanol	Ave	0.0905	0.0895		14.8	15.0	-1.1	30.0
Ethyl ether	Ave	0.3038	0.2851		9.38	10.0	-6.1	30.0
Acrolein	Ave	0.1319	0.0950		7.20	10.0	-28.0	30.0
Freon 113	Ave	1.460	1.625		11.1	10.0	11.3	30.0
1,1-Dichloroethene	Ave	0.6933	0.7855		11.3	10.0	13.3	30.0
Acetone	Ave	0.3906	0.3876		9.92	10.0	-0.8	30.0
Carbon disulfide	Ave	1.745	1.748		10.0	10.0	0.2	30.0
Isopropyl alcohol	Ave	0.2879	0.2706		9.40	10.0	-6.0	30.0
Allyl chloride	Ave	0.2838	0.2647		9.33	10.0	-6.7	30.0
Acetonitrile	Ave	0.2192	0.1424		6.49	10.0	-35.0*	30.0
Methylene Chloride	Ave	0.3364	0.3338		9.92	10.0	-0.8	30.0
tert-Butyl alcohol	Ave	0.7211	0.7018		9.73	10.0	-2.7	30.0
Methyl tert-butyl ether	Ave	1.651	1.691		10.2	10.0	2.4	30.0
trans-1,2-Dichloroethene	Ave	0.6505	0.6439		9.90	10.0	-1.0	30.0
Acrylonitrile	Ave	0.2482	0.2422		9.76	10.0	-2.4	30.0
Hexane	Ave	0.6489	0.6252		9.63	10.0	-3.7	30.0
1,1-Dichloroethane	Ave	0.9199	0.9289		10.1	10.0	1.0	30.0
Vinyl acetate	Ave	0.6999	0.6801		9.72	10.0	-2.8	30.0
cis-1,2-Dichloroethene	Ave	0.9487	1.021		10.8	10.0	7.6	30.0
Methyl Ethyl Ketone	Ave	0.3688	0.3581		9.71	10.0	-2.9	30.0
Ethyl acetate	Ave	0.0780	0.0824		10.6	10.0	5.5	30.0
Tetrahydrofuran	Ave	0.0644	0.0598		9.28	10.0	-7.1	30.0
Chloroform	Ave	1.762	1.830		10.4	10.0	3.8	30.0
Cyclohexane	Ave	0.2258	0.2287		10.1	10.0	1.3	30.0
1,1,1-Trichloroethane	Ave	0.3561	0.3592		10.1	10.0	0.9	30.0
Carbon tetrachloride	Ave	0.3919	0.4078		10.4	10.0	4.0	30.0
2,2,4-Trimethylpentane	Ave	0.5912	0.5645		9.55	10.0	-4.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-66774/13 Calibration Date: 01/03/2014 17:25
 Instrument ID: CHC.i Calib Start Date: 01/03/2014 09:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/03/2014 15:48
 Lab File ID: cma013.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5194	0.5185		9.98	10.0	-0.2	30.0
1,2-Dichloroethane	Ave	0.1831	0.1791		9.78	10.0	-2.2	30.0
Heptane	Ave	0.1688	0.1510		8.94	10.0	-10.6	30.0
n-Butanol	Ave	0.0724	0.0636		8.78	10.0	-12.2	30.0
Trichloroethene	Ave	0.2679	0.2831		10.6	10.0	5.7	30.0
1,2-Dichloropropane	Ave	0.1923	0.1871		9.72	10.0	-2.7	30.0
Methyl methacrylate	Ave	0.2021	0.2073		10.3	10.0	2.6	30.0
1,4-Dioxane	Ave	0.0894	0.0830		9.29	10.0	-7.1	30.0
Dibromomethane	Ave	0.2658	0.3034		11.4	10.0	14.2	30.0
Bromodichloromethane	Ave	0.4044	0.4367		10.8	10.0	8.0	30.0
cis-1,3-Dichloropropene	Ave	0.3270	0.3340		10.2	10.0	2.1	30.0
methyl isobutyl ketone	Ave	0.2538	0.2414		9.51	10.0	-4.9	30.0
Toluene	Ave	0.4926	0.5157		10.5	10.0	4.7	30.0
n-Octane	Ave	0.2879	0.2596		9.01	10.0	-9.8	30.0
trans-1,3-Dichloropropene	Ave	0.3463	0.3375		9.74	10.0	-2.5	30.0
1,1,2-Trichloroethane	Ave	0.2241	0.2231		9.95	10.0	-0.5	30.0
Tetrachloroethene	Ave	0.4302	0.4779		11.1	10.0	11.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2588	0.2430		9.39	10.0	-6.1	30.0
Dibromochloromethane	Ave	0.4767	0.5466		11.5	10.0	14.7	30.0
1,2-Dibromoethane	Ave	0.4366	0.4617		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.6963	0.7382		10.6	10.0	6.0	30.0
Ethylbenzene	Ave	1.057	1.107		10.5	10.0	4.7	30.0
n-Nonane	Ave	0.4044	0.3871		9.57	10.0	-4.3	30.0
m,p-Xylene	Ave	0.4403	0.4698		21.3	20.0	6.7	30.0
Xylene, o-	Ave	0.4307	0.4513		10.5	10.0	4.8	30.0
Styrene	Ave	0.6632	0.7234		10.9	10.0	9.1	30.0
Bromoform	Ave	0.5021	0.5833		11.6	10.0	16.2	30.0
Cumene	Ave	1.220	1.321		10.8	10.0	8.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5833	0.5842		10.0	10.0	0.1	30.0
n-Propylbenzene	Ave	1.429	1.507		10.5	10.0	5.5	30.0
1,2,3-Trichloropropane	Ave	0.4358	0.4424		10.2	10.0	1.5	30.0
n-Decane	Ave	0.4770	0.4685		9.82	10.0	-1.8	30.0
4-Ethyltoluene	Ave	1.242	1.371		11.0	10.0	10.4	30.0
2-Chlorotoluene	Ave	0.9591	1.036		10.8	10.0	8.0	30.0
1,3,5-Trimethylbenzene	Ave	1.034	1.090		10.5	10.0	5.4	30.0
Alpha Methyl Styrene	Ave	0.5445	0.6078		11.2	10.0	11.6	30.0
tert-Butylbenzene	Ave	1.020	1.117		11.0	10.0	9.6	30.0
1,2,4-Trimethylbenzene	Ave	1.030	1.063		10.3	10.0	3.2	30.0
sec-Butylbenzene	Ave	1.495	1.611		10.8	10.0	7.7	30.0
4-Isopropyltoluene	Ave	1.311	1.441		11.0	10.0	9.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-66774/13 Calibration Date: 01/03/2014 17:25
 Instrument ID: CHC.i Calib Start Date: 01/03/2014 09:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/03/2014 15:48
 Lab File ID: cma013.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.7644	0.7943		10.4	10.0	3.9	30.0
1,4-Dichlorobenzene	Ave	0.7647	0.7918		10.4	10.0	3.5	30.0
Benzyl chloride	Ave	0.9052	0.7462		8.24	10.0	-17.6	30.0
n-Butylbenzene	Ave	1.063	1.129		10.6	10.0	6.3	30.0
n-Undecane	Ave	0.4458	0.4833		10.8	10.0	8.4	30.0
1,2-Dichlorobenzene	Ave	0.7209	0.7277		10.1	10.0	0.9	30.0
n-Dodecane	Ave	0.4199	0.4988		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5087	0.5856		11.5	10.0	15.1	30.0
Hexachloro-1,3-butadiene	Ave	0.4833	0.5384		11.1	10.0	11.4	30.0
Naphthalene	Ave	0.8822	1.219		13.8	10.0	38.1*	30.0
1,2,3-Trichlorobenzene	Ave	0.4221	0.5573		13.2	10.0	32.0*	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma013.D
 Lims ID: icv Lab Sample ID: ICV 200-66776/13-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 03-Jan-2014 17:25:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-013
 Misc. Info.: icv
 Operator ID: pad Instrument ID: CHC.i
 Sublist:
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:23:35 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

First Level Reviewer: lyonsb

Date: 21-Jan-2014 12:23:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.186	3.181	0.005	98	81134	8.95	
2 Dichlorodifluoromethane	85	3.267	3.256	0.011	87	920459	10.0	
6 Chlorodifluoromethane	51	3.325	3.320	0.005	92	271200	9.61	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.555	3.549	0.006	86	967567	10.0	
8 Chloromethane	50	3.709	3.704	0.005	99	136479	9.40	
9 Butane	43	3.928	3.918	0.010	96	190028	9.16	
10 Vinyl chloride	62	3.982	3.971	0.011	84	233476	10.1	
11 Butadiene	54	4.067	4.056	0.011	85	147604	10.1	
12 Bromomethane	94	4.809	4.798	0.011	99	353581	9.84	
13 Chloroethane	64	5.065	5.060	0.005	94	111062	9.83	
14 2-Methylbutane	43	5.140	5.134	0.006	83	129184	9.02	
15 Vinyl bromide	106	5.481	5.476	0.005	98	466273	10.5	
16 Trichlorofluoromethane	101	5.588	5.583	0.005	96	1106986	10.2	
17 Pentane	43	5.738	5.732	0.006	93	225193	9.29	
19 Ethanol	45	6.245	6.239	0.005	94	73207	14.8	
21 Ethyl ether	59	6.309	6.303	0.006	78	155419	9.38	
22 Acrolein	56	6.725	6.719	0.006	32	51804	7.20	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.736	6.725	0.011	89	885584	11.1	
24 1,1-Dichloroethene	96	6.773	6.773	0.0	81	428165	11.3	
18 BFB								
25 Acetone	43	7.061	7.056	0.005	93	211276	9.92	
26 Carbon disulfide	76	7.162	7.157	0.005	97	952911	10.0	
27 Isopropyl alcohol	45	7.376	7.371	0.005	98	147491	9.40	
29 3-Chloro-1-propene	41	7.611	7.605	0.006	73	144301	9.33	
30 Acetonitrile	41	7.782	7.776	0.006	99	77609	6.49	
31 Methylene Chloride	49	7.920	7.915	0.005	67	181925	9.92	
32 2-Methyl-2-propanol	59	8.182	8.176	0.006	97	382500	9.73	
33 Methyl tert-butyl ether	73	8.337	8.331	0.006	92	921501	10.2	
34 trans-1,2-Dichloroethene	61	8.363	8.358	0.005	76	350969	9.90	
35 Acrylonitrile	53	8.561	8.555	0.006	95	132026	9.76	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	8.758 8.758	0.0	79 340749 9.63
	37			63	9.287 9.281	0.006	98 506283 10.1
	38			43	9.377 9.377	0.0	97 370712 9.72
S	41			61			0 20.7
	39			96	10.450 10.445	0.005	84 556518 10.8
	40			72	10.530 10.530	0.0	97 195168 9.71
	42			88	10.567 10.562	0.005	97 44893 10.6
*	43			128	10.941 10.936	0.005	61 545172 10.0
	44			42	10.957 10.952	0.005	69 192880 9.28
	45			83	11.080 11.080	0.0	98 997388 10.4
	46			84	11.309 11.304	0.005	69 737184 10.1
	47			97	11.357 11.352	0.005	91 1157846 10.1
	48			117	11.608 11.608	0.0	96 1314368 10.4
	51			57	12.067 12.067	0.0	97 1819518 9.55
	50			78	12.115 12.110	0.005	91 1671215 9.98
	52			62	12.318 12.318	0.0	98 577290 9.78
	53			43	12.478 12.478	0.0	71 486610 8.94
*	54			114	13.006 13.006	0.0	91 3224050 10.0
	55			56	13.449 13.449	0.0	75 205003 8.78
	56			95	13.492 13.487	0.005	92 912636 10.6
A	57			1	13.505 5.124 - 21.886		0 181834903 0
	58			63	14.090 14.090	0.0	93 602928 9.72
	59			69	14.271 14.271	0.0	71 668263 10.3
	60			88	14.341 14.335	0.006	68 267686 9.29
	61			174	14.357 14.351	0.006	91 978033 11.4
	62			83	14.661 14.655	0.006	97 1407740 10.8
A	63			1	15.282 3.171 - 27.394		0 355915316 2241.1
	64			75	15.621 15.616	0.005	83 1076673 10.2
	65			43	15.931 15.926	0.005	84 778202 9.51
	66			92	16.214 16.214	0.0	93 1604859 10.5
A	67			1	16.214 16.174 - 16.254		0 10066102 NC
	68			43	16.257 16.251	0.006	71 836900 9.01
A	69			1	16.251 16.201 - 16.301		0 10066102 NC
	70			75	16.828 16.828	0.0	88 1087745 9.74
	71			83	17.212 17.212	0.0	93 694196 9.95
	72			166	17.297 17.297	0.0	94 1487468 11.1
	73			43	17.671 17.671	0.0	83 756336 9.39
	74			129	17.975 17.975	0.0	97 1701193 11.5
	75			107	18.253 18.252	0.001	98 1437021 10.6
*	76			117	19.149 19.149	0.0	78 3112926 10.0
	77			112	19.208 19.208	0.0	97 2297377 10.6
	78			91	19.357 19.357	0.0	96 3443854 10.5
	79			57	19.459 19.459	0.0	76 1204848 9.57
	81			106	19.608 19.608	0.0	98 2924385 21.3
S	82			106			0 31.8
	83			106	20.414 20.414	0.0	95 1404477 10.5
	84			104	20.467 20.467	0.0	98 2251560 10.9
	85			173	20.862 20.862	0.0	98 1815264 11.6
	86			105	21.049 21.049	0.0	93 4110955 10.8
\$	87			95	21.401 21.401	0.0	98 2070682 NC
	88			83	21.668 21.668	0.0	96 1818068 10.0
	90			91	21.727 21.727	0.0	99 4690802 10.5

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	21.764	21.764	0.0	84	1376857	10.2
93	n-Decane		57	21.876	21.876	0.0	73	1458019	9.82
91	4-Ethyltoluene		105	21.908	21.908	0.0	94	4266959	11.0
92	2-Chlorotoluene		91	21.919	21.924	-0.005	93	3222895	10.8
94	1,3,5-Trimethylbenzene		105	22.010	22.010	0.0	94	3391230	10.5
95	Alpha Methyl Styrene		118	22.362	22.362	0.0	90	1891677	11.2
96	tert-Butylbenzene		119	22.479	22.479	0.0	91	3477716	11.0
97	1,2,4-Trimethylbenzene		105	22.570	22.570	0.0	95	3308709	10.3
98	sec-Butylbenzene		105	22.794	22.794	0.0	98	5013304	10.8
99	4-Isopropyltoluene		119	22.992	22.992	0.0	93	4485762	11.0
100	1,3-Dichlorobenzene		146	23.029	23.029	0.0	98	2471991	10.4
101	1,4-Dichlorobenzene		146	23.168	23.168	0.0	96	2464253	10.4
102	Benzyl chloride		91	23.376	23.376	0.0	99	2322514	8.24
103	n-Butylbenzene		91	23.579	23.579	0.0	96	3515033	10.6
104	Undecane		57	23.584	23.584	0.0	82	1504139	10.8
105	1,2-Dichlorobenzene		146	23.723	23.723	0.0	98	2264953	10.1
106	Dodecane		57	25.244	25.244	0.0	87	1552394	11.9
107	1,2,4-Trichlorobenzene		180	26.354	26.354	0.0	89	1822589	11.5
108	Hexachlorobutadiene		225	26.541	26.541	0.0	96	1675576	11.1
109	Naphthalene		128	26.882	26.882	0.0	99	3792807	13.8
110	1,2,3-Trichlorobenzene		180	27.384	27.384	0.0	96	1734478	13.2

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma013.D

Injection Date: 03-Jan-2014 17:25:30

Instrument ID: CHC.i

Operator ID: pad

Lims ID: icv

Lab Sample ID: ICV 200-66776/13-A

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

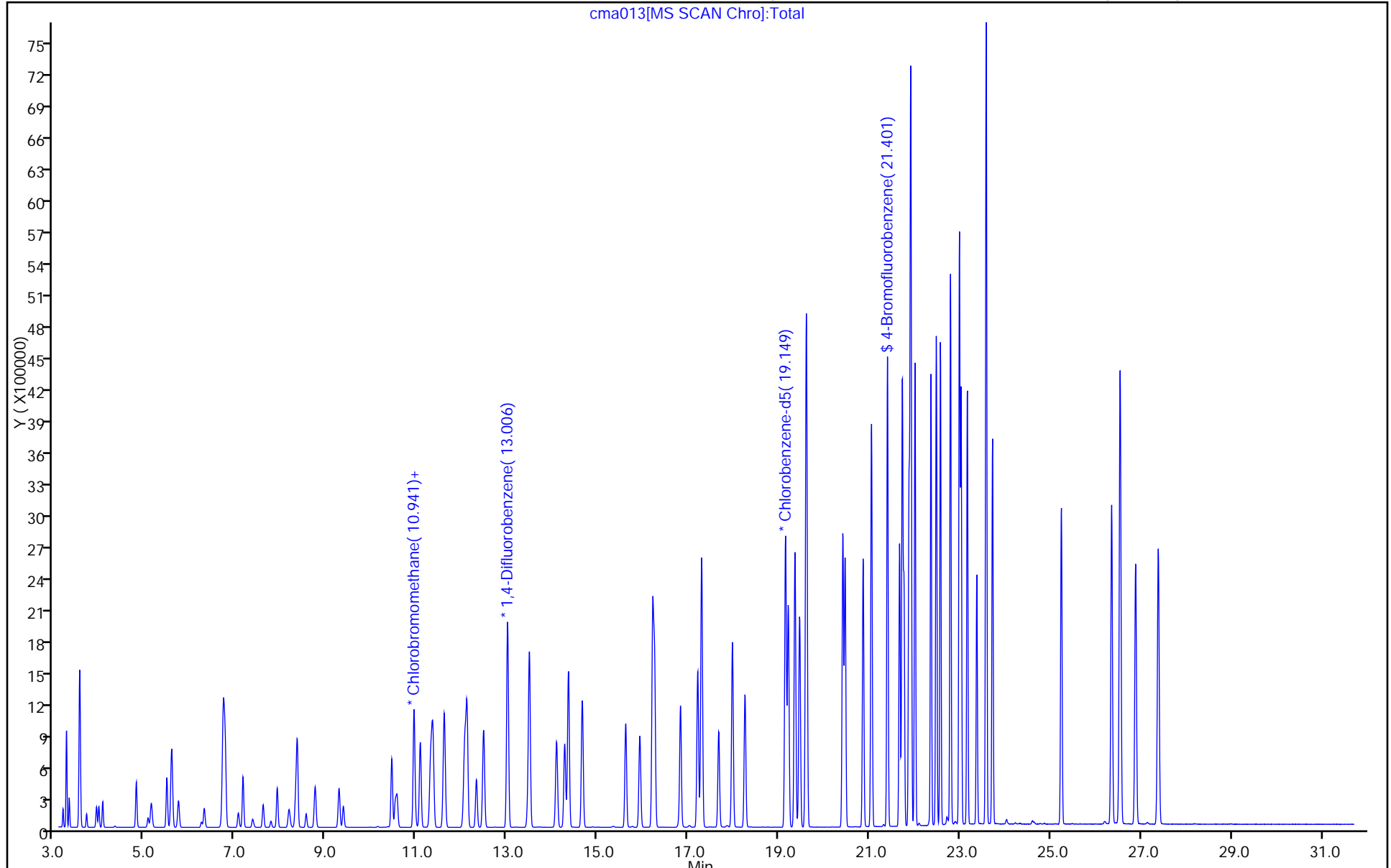
ALS Bottle#: 12

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68870/3 Calibration Date: 02/26/2014 12:54
 Instrument ID: CHC.i Calib Start Date: 01/03/2014 09:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/03/2014 15:48
 Lab File ID: 6343_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1663	0.2217		13.3	10.0	33.3*	30.0
Freon 12	Ave	1.683	1.986		11.8	10.0	18.0	30.0
Freon 22	Ave	0.5176	0.6530		12.6	10.0	26.2	30.0
Freon-114	Ave	1.767	2.044		11.6	10.0	15.6	30.0
Chloromethane	Ave	0.2664	0.3248		12.2	10.0	21.9	30.0
n-Butane	Ave	0.3806	0.4732		12.4	10.0	24.3	30.0
Vinyl chloride	Ave	0.4224	0.5098		12.1	10.0	20.7	30.0
1,3-Butadiene	Ave	0.2692	0.3212		11.9	10.0	19.3	30.0
Bromomethane	Ave	0.6591	0.7561		11.5	10.0	14.7	30.0
Chloroethane	Ave	0.2073	0.2502		12.1	10.0	20.7	30.0
Isopentane	Ave	0.2627	0.3226		12.3	10.0	22.8	30.0
Vinyl bromide	Ave	0.8147	0.8955		11.0	10.0	9.9	30.0
Freon 11	Ave	1.985	2.221		11.2	10.0	11.9	30.0
n-Pentane	Ave	0.4446	0.5503		12.4	10.0	23.8	30.0
Ethanol	Ave	0.0905	0.1023		17.0	15.0	13.1	30.0
Ethyl ether	Ave	0.3038	0.3488		11.5	10.0	14.8	30.0
Acrolein	Ave	0.1319	0.1628		12.3	10.0	23.4	30.0
Freon 113	Ave	1.460	1.614		11.1	10.0	10.6	30.0
1,1-Dichloroethene	Ave	0.6933	0.7681		11.1	10.0	10.8	30.0
Acetone	Ave	0.3906	0.5877		15.0	10.0	50.4*	30.0
Carbon disulfide	Ave	1.745	1.912		11.0	10.0	9.6	30.0
Isopropyl alcohol	Ave	0.2879	0.3450		12.0	10.0	19.8	30.0
Allyl chloride	Ave	0.2838	0.3523		12.4	10.0	24.1	30.0
Acetonitrile	Ave	0.2192	0.2020		9.21	10.0	-7.9	30.0
Methylene Chloride	Ave	0.3364	0.3923		11.7	10.0	16.6	30.0
tert-Butyl alcohol	Ave	0.7211	0.7881		10.9	10.0	9.3	30.0
Methyl tert-butyl ether	Ave	1.651	1.851		11.2	10.0	12.2	30.0
trans-1,2-Dichloroethene	Ave	0.6505	0.7470		11.5	10.0	14.8	30.0
Acrylonitrile	Ave	0.2482	0.2876		11.6	10.0	15.8	30.0
Hexane	Ave	0.6489	0.7187		11.1	10.0	10.8	30.0
1,1-Dichloroethane	Ave	0.9199	1.031		11.2	10.0	12.0	30.0
Vinyl acetate	Ave	0.6999	0.8655		12.4	10.0	23.7	30.0
cis-1,2-Dichloroethene	Ave	0.9487	1.005		10.6	10.0	6.0	30.0
Methyl Ethyl Ketone	Ave	0.3688	0.3867		10.5	10.0	4.8	30.0
Ethyl acetate	Ave	0.0780	0.0840		10.8	10.0	7.7	30.0
Tetrahydrofuran	Ave	0.0644	0.0813		12.6	10.0	26.2	30.0
Chloroform	Ave	1.762	1.897		10.8	10.0	7.7	30.0
Cyclohexane	Ave	0.2258	0.2425		10.7	10.0	7.4	30.0
1,1,1-Trichloroethane	Ave	0.3561	0.4012		11.3	10.0	12.7	30.0
Carbon tetrachloride	Ave	0.3919	0.4445		11.3	10.0	13.4	30.0
2,2,4-Trimethylpentane	Ave	0.5912	0.6448		10.9	10.0	9.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68870/3 Calibration Date: 02/26/2014 12:54
 Instrument ID: CHC.i Calib Start Date: 01/03/2014 09:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/03/2014 15:48
 Lab File ID: 6343_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5194	0.5499		10.6	10.0	5.9	30.0
1,2-Dichloroethane	Ave	0.1831	0.2096		11.4	10.0	14.5	30.0
Heptane	Ave	0.1688	0.1897		11.2	10.0	12.4	30.0
n-Butanol	Ave	0.0724	0.0677		9.34	10.0	-6.6	30.0
Trichloroethene	Ave	0.2679	0.2879		10.7	10.0	7.5	30.0
1,2-Dichloropropane	Ave	0.1923	0.2053		10.7	10.0	6.7	30.0
Methyl methacrylate	Ave	0.2021	0.2168		10.7	10.0	7.2	30.0
1,4-Dioxane	Ave	0.0894	0.0954		10.7	10.0	6.8	30.0
Dibromomethane	Ave	0.2658	0.2972		11.2	10.0	11.8	30.0
Bromodichloromethane	Ave	0.4044	0.4553		11.3	10.0	12.6	30.0
cis-1,3-Dichloropropene	Ave	0.3270	0.3587		11.0	10.0	9.7	30.0
methyl isobutyl ketone	Ave	0.2538	0.2938		11.6	10.0	15.7	30.0
Toluene	Ave	0.4926	0.5268		10.7	10.0	6.9	30.0
n-Octane	Ave	0.2879	0.3316		11.5	10.0	15.2	30.0
trans-1,3-Dichloropropene	Ave	0.3463	0.3755		10.8	10.0	8.4	30.0
1,1,2-Trichloroethane	Ave	0.2241	0.2439		10.9	10.0	8.8	30.0
Tetrachloroethene	Ave	0.4302	0.4883		11.3	10.0	13.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.2588	0.3001		11.6	10.0	16.0	30.0
Dibromochloromethane	Ave	0.4767	0.5400		11.3	10.0	13.3	30.0
1,2-Dibromoethane	Ave	0.4366	0.4856		11.1	10.0	11.2	30.0
Chlorobenzene	Ave	0.6963	0.7525		10.8	10.0	8.1	30.0
Ethylbenzene	Ave	1.057	1.156		10.9	10.0	9.4	30.0
n-Nonane	Ave	0.4044	0.4423		10.9	10.0	9.4	30.0
m,p-Xylene	Ave	0.4403	0.4873		22.1	20.0	10.7	30.0
Xylene, o-	Ave	0.4307	0.4675		10.9	10.0	8.5	30.0
Styrene	Ave	0.6632	0.7213		10.9	10.0	8.8	30.0
Bromoform	Ave	0.5021	0.5814		11.6	10.0	15.8	30.0
Cumene	Ave	1.220	1.354		11.1	10.0	10.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5833	0.6471		11.1	10.0	10.9	30.0
n-Propylbenzene	Ave	1.429	1.588		11.1	10.0	11.1	30.0
1,2,3-Trichloropropane	Ave	0.4358	0.4920		11.3	10.0	12.9	30.0
n-Decane	Ave	0.4770	0.5512		11.6	10.0	15.5	30.0
4-Ethyltoluene	Ave	1.242	1.424		11.5	10.0	14.7	30.0
2-Chlorotoluene	Ave	0.9591	1.105		11.5	10.0	15.2	30.0
1,3,5-Trimethylbenzene	Ave	1.034	1.143		11.0	10.0	10.5	30.0
Alpha Methyl Styrene	Ave	0.5445	0.5183		9.52	10.0	-4.8	30.0
tert-Butylbenzene	Ave	1.020	1.120		11.0	10.0	9.8	30.0
1,2,4-Trimethylbenzene	Ave	1.030	1.149		11.2	10.0	11.6	30.0
sec-Butylbenzene	Ave	1.495	1.650		11.0	10.0	10.3	30.0
4-Isopropyltoluene	Ave	1.311	1.447		11.0	10.0	10.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68870/3 Calibration Date: 02/26/2014 12:54
 Instrument ID: CHC.i Calib Start Date: 01/03/2014 09:43
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 01/03/2014 15:48
 Lab File ID: 6343_03.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.7644	0.8565		11.2	10.0	12.0	30.0
1,4-Dichlorobenzene	Ave	0.7647	0.8529		11.2	10.0	11.5	30.0
Benzyl chloride	Ave	0.9052	1.014		11.2	10.0	12.0	30.0
n-Butylbenzene	Ave	1.063	1.236		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.4458	0.5715		12.8	10.0	28.2	30.0
1,2-Dichlorobenzene	Ave	0.7209	0.7943		11.0	10.0	10.2	30.0
n-Dodecane	Ave	0.4199	0.4534		10.8	10.0	8.0	30.0
1,2,4-Trichlorobenzene	Ave	0.5087	0.6220		12.2	10.0	22.3	30.0
Hexachloro-1,3-butadiene	Ave	0.4833	0.5511		11.4	10.0	14.0	30.0
Naphthalene	Ave	0.8822	1.165		13.2	10.0	32.0*	30.0
1,2,3-Trichlorobenzene	Ave	0.4221	0.5271		12.5	10.0	24.9	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_03.D
 Lims ID: CCVIS Lab Sample ID: LCS 200-67417/3-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Feb-2014 12:54:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006343-003
 Misc. Info.: ccvis
 Operator ID: wrd Instrument ID: CHC.i
 Sublist: chrom-TO15_LLNJ_TO3_CHC*sub1
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 27-Feb-2014 12:51:54 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK005

First Level Reviewer: desjardinsb

Date: 26-Feb-2014 14:11:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
4 Propene	41	3.181	3.181	0.0	99	88427	13.3	
5 Dichlorodifluoromethane	85	3.261	3.261	0.0	98	792217	11.8	
6 Chlorodifluoromethane	51	3.320	3.320	0.0	77	260472	12.6	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.549	3.549	0.0	86	815207	11.6	
8 Chloromethane	50	3.699	3.699	0.0	88	129566	12.2	
9 Butane	43	3.918	3.918	0.0	97	188762	12.4	
10 Vinyl chloride	62	3.971	3.971	0.0	96	203334	12.1	
11 Butadiene	54	4.056	4.056	0.0	87	128127	11.9	
12 Bromomethane	94	4.798	4.798	0.0	98	301598	11.5	
13 Chloroethane	64	5.054	5.054	0.0	96	99794	12.1	
14 2-Methylbutane	43	5.129	5.129	0.0	85	128662	12.3	
15 Vinyl bromide	106	5.471	5.471	0.0	98	357197	11.0	
16 Trichlorofluoromethane	101	5.577	5.577	0.0	96	885951	11.2	
17 Pentane	43	5.727	5.727	0.0	94	219498	12.4	
19 Ethanol	45	6.228	6.228	0.0	97	61241	17.0	
20 Ethyl ether	59	6.293	6.293	0.0	82	139138	11.5	
21 Acrolein	56	6.709	6.709	0.0	39	64940	12.3	
22 1,1,2-Trichloro-1,2,2-trifluoro	101	6.719	6.719	0.0	89	643973	11.1	
24 BFB								
23 1,1-Dichloroethene	96	6.762	6.762	0.0	84	306362	11.1	
25 Acetone	43	7.045	7.045	0.0	92	234417	15.0	
26 Carbon disulfide	76	7.152	7.152	0.0	97	762540	11.0	
28 Isopropyl alcohol	45	7.365	7.365	0.0	98	137614	12.0	
29 3-Chloro-1-propene	41	7.595	7.595	0.0	76	140529	12.4	
30 Acetonitrile	41	7.760	7.760	0.0	99	80567	9.21	
31 Methylene Chloride	49	7.904	7.904	0.0	70	156463	11.7	
32 2-Methyl-2-propanol	59	8.160	8.160	0.0	98	314336	10.9	
33 Methyl tert-butyl ether	73	8.321	8.321	0.0	93	738463	11.2	
34 trans-1,2-Dichloroethene	61	8.347	8.347	0.0	82	297941	11.5	
35 Acrylonitrile	53	8.539	8.539	0.0	95	114699	11.6	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	8.742 8.742 0.0	82 286686	11.1
	37			63	9.265 9.265 0.0	93 411113	11.2
	38			43	9.361 9.361 0.0	98 345239	12.4
S	39			61		0	22.1
	40			96	10.434 10.434 0.0	87 401052	10.6
	41			72	10.509 10.509 0.0	97 154245	10.5
	42			88	10.551 10.551 0.0	98 33514	10.8
*	43			128	10.920 10.920 0.0	63 398950	10.0
	44			42	10.936 10.936 0.0	73 177836	12.6
	45			83	11.064 11.064 0.0	99 756823	10.8
	46			84	11.293 11.293 0.0	73 530326	10.7
	47			97	11.336 11.336 0.0	91 877318	11.3
	49			117	11.592 11.592 0.0	96 972052	11.3
	50			57	12.051 12.051 0.0	98 1409942	10.9
	51			78	12.094 12.094 0.0	93 1202622	10.6
	52			62	12.302 12.302 0.0	99 458430	11.4
	53			43	12.462 12.462 0.0	77 414863	11.2
*	54			114	12.990 12.990 0.0	92 2187236	10.0
	55			56	13.433 13.433 0.0	78 147990	9.34
	56			95	13.471 13.471 0.0	95 629530	10.7
A	57			1	13.497 5.119 - 21.876	0 134575113	0
	58			63	14.074 14.074 0.0	94 448902	10.7
	59			69	14.250 14.250 0.0	77 474072	10.7
	60			88	14.319 14.319 0.0	73 208629	10.7
	61			174	14.335 14.335 0.0	93 649959	11.2
	62			83	14.639 14.639 0.0	98 995549	11.3
A	63			1	15.277 3.171 - 27.383	0 261274805	2425.0
	64			75	15.600 15.600 0.0	86 784354	11.0
	65			43	15.910 15.910 0.0	88 642486	11.6
	66			92	16.198 16.198 0.0	93 1095480	10.7
	68			43	16.240 16.240 0.0	79 725239	11.5
	70			75	16.812 16.812 0.0	90 821157	10.8
	71			83	17.190 17.190 0.0	94 507112	10.9
	72			166	17.281 17.281 0.0	95 1015528	11.3
	73			43	17.655 17.655 0.0	87 624060	11.6
	74			129	17.959 17.959 0.0	97 1122917	11.3
	75			107	18.236 18.236 0.0	98 1009862	11.1
*	76			117	19.133 19.133 0.0	76 2080040	10.0
	77			112	19.192 19.192 0.0	96 1564879	10.8
	79			91	19.341 19.341 0.0	96 2404549	10.9
	80			57	19.448 19.448 0.0	80 919914	10.9
	81			106	19.592 19.592 0.0	99 2026643	22.1
S	82			106		0	33.0
	83			106	20.403 20.403 0.0	94 972244	10.9
	84			104	20.451 20.451 0.0	97 1500126	10.9
	85			173	20.852 20.852 0.0	98 1209183	11.6
	86			105	21.033 21.033 0.0	94 2814976	11.1
\$	87			95	21.391 21.391 0.0	98 1430186	NC
	88			83	21.657 21.657 0.0	96 1345674	11.1
	89			91	21.716 21.716 0.0	99 3302114	11.1
	90			75	21.754 21.754 0.0	86 1023134	11.3
	91			57	21.866 21.866 0.0	77 1146312	11.6

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
92	4-Ethyltoluene		105	21.898	21.898	0.0	95	2962404	11.5
93	2-Chlorotoluene		91	21.908	21.908	0.0	96	2298142	11.5
94	1,3,5-Trimethylbenzene		105	21.999	21.999	0.0	93	2376040	11.0
95	Alpha Methyl Styrene		118	22.351	22.351	0.0	90	1077805	9.52
96	tert-Butylbenzene		119	22.469	22.469	0.0	90	2329060	11.0
97	1,2,4-Trimethylbenzene		105	22.559	22.559	0.0	96	2389630	11.2
98	sec-Butylbenzene		105	22.784	22.784	0.0	99	3431747	11.0
99	4-Isopropyltoluene		119	22.981	22.981	0.0	95	3009750	11.0
100	1,3-Dichlorobenzene		146	23.018	23.018	0.0	98	1781115	11.2
101	1,4-Dichlorobenzene		146	23.157	23.157	0.0	96	1773615	11.2
102	Benzyl chloride		91	23.365	23.365	0.0	99	2107757	11.2
103	n-Butylbenzene		91	23.568	23.568	0.0	97	2571396	11.6
104	Undecane		57	23.573	23.573	0.0	86	1188521	12.8
105	1,2-Dichlorobenzene		146	23.712	23.712	0.0	98	1651870	11.0
106	Dodecane		57	25.233	25.233	0.0	90	942889	10.8
107	1,2,4-Trichlorobenzene		180	26.343	26.343	0.0	93	1293507	12.2
108	Hexachlorobutadiene		225	26.530	26.530	0.0	95	1146122	11.4
109	Naphthalene		128	26.866	26.866	0.0	99	2422447	13.2
110	1,2,3-Trichlorobenzene		180	27.373	27.373	0.0	96	1096158	12.5

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_03.D

Injection Date: 26-Feb-2014 12:54:30

Instrument ID: CHC.i

Operator ID: wrd

Lims ID: CCVIS

Lab Sample ID: LCS 200-67417/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

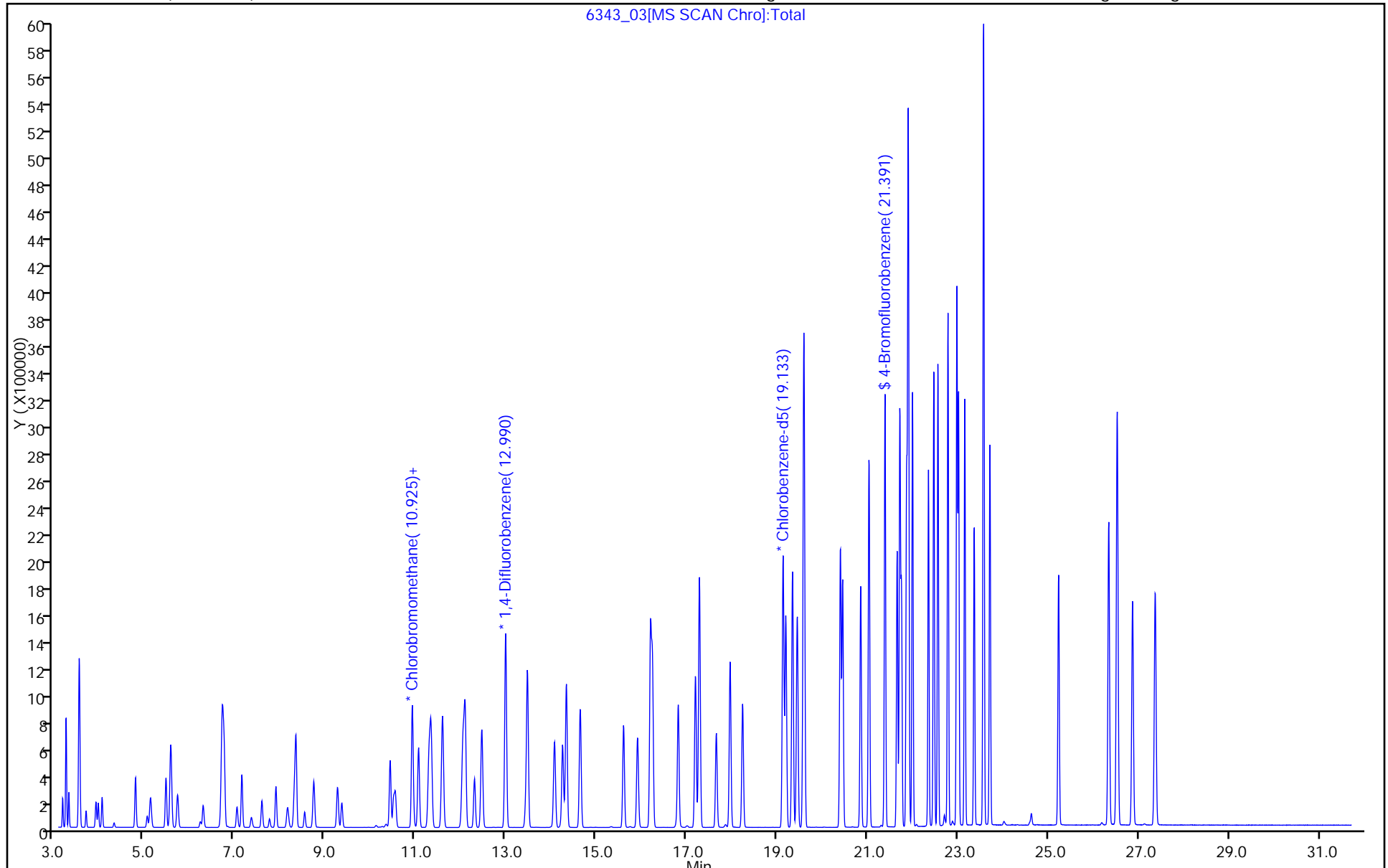
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-68619/16 Calibration Date: 02/21/2014 00:15
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6246_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4525	0.3487		7.71	10.0	-22.9	30.0
Freon 12	Ave	3.137	2.832		9.02	10.0	-9.7	30.0
Freon 22	Ave	1.181	1.070		9.06	10.0	-9.4	30.0
Freon-114	Ave	2.687	2.698		10.0	10.0	0.4	30.0
Chloromethane	Ave	0.5956	0.5277		8.86	10.0	-11.4	30.0
n-Butane	Ave	0.7851	0.7055		8.98	10.0	-10.1	30.0
Vinyl chloride	Ave	0.8160	0.7063		8.65	10.0	-13.4	30.0
1,3-Butadiene	Ave	0.4758	0.4226		8.88	10.0	-11.2	30.0
Bromomethane	Ave	1.162	1.057		9.10	10.0	-9.0	30.0
Chloroethane	Ave	0.3240	0.2863		8.83	10.0	-11.6	30.0
Isopentane	Ave	0.5140	0.4803		9.34	10.0	-6.6	30.0
Vinyl bromide	Ave	1.261	1.177		9.33	10.0	-6.7	30.0
Freon 11	Ave	3.583	3.189		8.90	10.0	-11.0	30.0
n-Pentane	Ave	0.7954	0.8123		10.2	10.0	2.1	30.0
Ethanol	Ave	0.1910	0.1880		14.8	15.0	-1.6	30.0
Ethyl ether	Ave	0.4003	0.4104		10.3	10.0	2.5	30.0
Acrolein	Ave	0.1910	0.2116		11.1	10.0	10.8	30.0
Freon 113	Ave	2.249	2.074		9.22	10.0	-7.8	30.0
1,1-Dichloroethene	Ave	0.9520	0.8613		9.05	10.0	-9.5	30.0
Acetone	Ave	0.8787	0.9817		11.2	10.0	11.7	30.0
Carbon disulfide	Ave	2.332	2.458		10.5	10.0	5.4	30.0
Isopropyl alcohol	Ave	0.7090	0.5444		7.68	10.0	-23.2	30.0
Allyl chloride	Ave	0.6290	0.5558		8.84	10.0	-11.6	30.0
Acetonitrile	Ave	0.3383	0.3195		9.44	10.0	-5.6	30.0
Methylene Chloride	Ave	0.7069	0.6456		9.13	10.0	-8.7	30.0
tert-Butyl alcohol	Ave	1.260	1.031		8.18	10.0	-18.2	30.0
Methyl tert-butyl ether	Ave	2.237	2.112		9.44	10.0	-5.6	30.0
trans-1,2-Dichloroethene	Ave	1.039	1.017		9.79	10.0	-2.1	30.0
Acrylonitrile	Ave	0.3820	0.3784		9.91	10.0	-0.9	30.0
Hexane	Ave	0.8392	0.8345		9.94	10.0	-0.6	30.0
1,1-Dichloroethane	Ave	1.522	1.383		9.09	10.0	-9.1	30.0
Vinyl acetate	Ave	1.472	1.369		9.29	10.0	-7.0	30.0
cis-1,2-Dichloroethene	Ave	1.290	1.187		9.20	10.0	-7.9	30.0
Methyl Ethyl Ketone	Ave	0.4361	0.4007		9.19	10.0	-8.1	30.0
Ethyl acetate	Ave	0.0661	0.0690		10.4	10.0	4.4	30.0
Tetrahydrofuran	Ave	0.1189	0.1107		9.31	10.0	-6.9	30.0
Chloroform	Ave	2.859	2.633		9.21	10.0	-7.9	30.0
Cyclohexane	Ave	0.2496	0.2335		9.35	10.0	-6.4	30.0
1,1,1-Trichloroethane	Ave	0.5905	0.5364		9.08	10.0	-9.2	30.0
Carbon tetrachloride	Ave	0.7528	0.6727		8.93	10.0	-10.6	30.0
Benzene	Ave	0.6673	0.6081		9.11	10.0	-8.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-68619/16 Calibration Date: 02/21/2014 00:15
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6246_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.7963	0.7291		9.16	10.0	-8.4	30.0
1,2-Dichloroethane	Ave	0.3331	0.3019		9.06	10.0	-9.4	30.0
Heptane	Ave	0.2959	0.2565		8.67	10.0	-13.3	30.0
n-Butanol	Ave	0.1142	0.0892		7.81	10.0	-21.9	30.0
Trichloroethene	Ave	0.4731	0.4219		8.92	10.0	-10.8	30.0
1,2-Dichloropropane	Ave	0.3124	0.2871		9.19	10.0	-8.1	30.0
Methyl methacrylate	Ave	0.2717	0.2678		9.85	10.0	-1.4	30.0
1,4-Dioxane	Ave	0.1470	0.1201		8.17	10.0	-18.3	30.0
Dibromomethane	Ave	0.5283	0.5125		9.70	10.0	-3.0	30.0
Bromodichloromethane	Ave	0.7799	0.7322		9.39	10.0	-6.1	30.0
cis-1,3-Dichloropropene	Ave	0.5310	0.5080		9.56	10.0	-4.3	30.0
methyl isobutyl ketone	Ave	0.4887	0.4450		9.10	10.0	-8.9	30.0
Toluene	Ave	0.7326	0.6835		9.33	10.0	-6.7	30.0
n-Octane	Ave	0.5119	0.4629		9.04	10.0	-9.6	30.0
trans-1,3-Dichloropropene	Ave	0.5408	0.5257		9.72	10.0	-2.8	30.0
1,1,2-Trichloroethane	Ave	0.3670	0.3407		9.28	10.0	-7.2	30.0
Tetrachloroethene	Ave	0.7873	0.7370		9.36	10.0	-6.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4387	0.4103		9.35	10.0	-6.5	30.0
Dibromochloromethane	Ave	0.9470	0.9071		9.58	10.0	-4.2	30.0
1,2-Dibromoethane	Ave	0.7388	0.7160		9.69	10.0	-3.1	30.0
Chlorobenzene	Ave	1.063	1.009		9.49	10.0	-5.1	30.0
Ethylbenzene	Ave	1.522	1.428		9.38	10.0	-6.1	30.0
n-Nonane	Ave	0.5414	0.4966		9.17	10.0	-8.3	30.0
m,p-Xylene	Ave	0.6221	0.5836		18.8	20.0	-6.2	30.0
Xylene, o-	Ave	0.6494	0.6018		9.27	10.0	-7.3	30.0
Styrene	Ave	0.8646	0.8611		9.96	10.0	-0.4	30.0
Bromoform	Ave	0.8956	0.9031		10.1	10.0	0.8	30.0
Cumene	Ave	1.788	1.662		9.29	10.0	-7.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8834	0.8315		9.41	10.0	-5.9	30.0
1,2,3-Trichloropropane	Ave	0.5852	0.5463		9.33	10.0	-6.6	30.0
n-Propylbenzene	Ave	1.845	1.730		9.37	10.0	-6.3	30.0
2-Chlorotoluene	Ave	1.248	1.144		9.17	10.0	-8.3	30.0
4-Ethyltoluene	Ave	1.502	1.446		9.63	10.0	-3.7	30.0
n-Decane	Ave	0.5512	0.5047		9.16	10.0	-8.4	30.0
1,3,5-Trimethylbenzene	Ave	1.484	1.368		9.21	10.0	-7.9	30.0
Alpha Methyl Styrene	Ave	0.6800	0.6957		10.2	10.0	2.3	30.0
tert-Butylbenzene	Ave	1.507	1.375		9.12	10.0	-8.8	30.0
1,2,4-Trimethylbenzene	Ave	1.437	1.348		9.38	10.0	-6.2	30.0
sec-Butylbenzene	Ave	2.095	1.951		9.31	10.0	-6.9	30.0
4-Isopropyltoluene	Ave	1.741	1.653		9.49	10.0	-5.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-68619/16 Calibration Date: 02/21/2014 00:15
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6246_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.8925	0.9059		10.1	10.0	1.5	30.0
1,4-Dichlorobenzene	Ave	0.8666	0.8893		10.3	10.0	2.6	30.0
Benzyl chloride	Ave	0.9186	0.8799		9.58	10.0	-4.2	30.0
n-Butylbenzene	Ave	1.370	1.314		9.59	10.0	-4.1	30.0
n-Undecane	Ave	0.6424	0.6299		9.80	10.0	-1.9	30.0
1,2-Dichlorobenzene	Ave	0.9899	0.9353		9.45	10.0	-5.5	30.0
n-Dodecane	Ave	0.1008	0.1056		10.5	10.0	4.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5281	0.4961		9.39	10.0	-6.1	30.0
Hexachloro-1,3-butadiene	Ave	0.4459	0.4985		11.2	10.0	11.8	30.0
Naphthalene	Ave	1.259	1.141		9.06	10.0	-9.4	30.0
1,2,3-Trichlorobenzene	Ave	0.4340	0.4716		10.9	10.0	8.7	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_016.D
 Lims ID: ICV Lab Sample ID: ICV 200-68621/16-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 21-Feb-2014 00:15:30 ALS Bottle#: 1 Worklist Smp#: 16
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-016
 Misc. Info.: ICV
 Operator ID: bl Instrument ID: CHG.i
 Sublist:

Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:41 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 12:08:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	255567	7.71	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	2075073	9.02	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	784285	9.06	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	93	1976852	10.0	
8 Chloromethane	50	3.539	3.539	0.0	99	386743	8.86	
9 Butane	43	3.758	3.759	-0.001	97	516993	8.98	
10 Vinyl chloride	62	3.796	3.796	0.0	97	517590	8.65	
11 Butadiene	54	3.881	3.882	-0.001	92	309695	8.88	
12 Bromomethane	94	4.577	4.577	0.0	99	774719	9.10	
14 Chloroethane	64	4.828	4.828	0.0	99	209799	8.83	
15 2-Methylbutane	43	4.925	4.925	0.0	88	351968	9.34	
16 Vinyl bromide	106	5.230	5.235	-0.005	97	862776	9.33	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	2337018	8.90	
18 Pentane	43	5.508	5.508	0.0	95	595302	10.2	
13 BFB								
19 Ethanol	45	5.920	5.925	-0.005	96	206786	14.8	
21 Ethyl ether	59	6.043	6.043	0.0	96	300770	10.3	
22 Acrolein	56	6.406	6.407	-0.001	96	155063	11.1	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	1519863	9.22	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	92	631204	9.05	
25 Acetone	43	6.722	6.722	0.0	87	719442	11.2	
26 Carbon disulfide	76	6.883	6.888	-0.005	98	1801672	10.5	
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	398934	7.68	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	407341	8.84	
30 Acetonitrile	41	7.402	7.402	0.0	98	234152	9.44	
31 Methylene Chloride	49	7.599	7.600	-0.001	80	473134	9.13	
32 2-Methyl-2-propanol	59	7.835	7.840	-0.005	98	755329	8.18	
33 Methyl tert-butyl ether	73	8.038	8.044	-0.006	94	1547573	9.44	
34 trans-1,2-Dichloroethene	61	8.065	8.060	0.005	87	745271	9.79	
35 Acrylonitrile	53	8.183	8.188	-0.005	95	277331	9.91	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	8.488 8.493 -0.005	90 611563	9.94
	37			63	8.948 8.948 0.0	99 1013846	9.09
	38			43	9.044 9.044 0.0	99 1003110	9.29
	39			96	10.087 10.093 -0.006	91 870030	9.20
	40			72	10.135 10.141 -0.006	97 293661	9.19
S	41			61		0	19.0
	42			88	10.210 10.216 -0.006	98 50533	10.4
*	43			128	10.563 10.563 0.0	67 732981	10.0
	44			42	10.574 10.579 -0.005	81 466958	9.31
	45			83	10.708 10.708 0.0	99 1929788	9.21
	46			84	10.991 10.997 -0.006	82 984794	9.35
	47			97	11.007 11.007 0.0	95 2261833	9.08
	48			117	11.275 11.275 0.0	96 2836858	8.93
	50			78	11.740 11.746 -0.006	94 2564262	9.11
	51			57	11.762 11.767 -0.005	98 3074788	9.16
	52			62	11.911 11.917 -0.006	99 1272956	9.06
	53			43	12.173 12.179 -0.006	86 1081628	8.67
*	54			114	12.623 12.628 -0.005	91 4217854	10.0
	55			56	13.019 13.019 0.0	84 376211	7.81
	56			95	13.115 13.115 0.0	93 1779082	8.92
A	57			1	13.297 4.915 - 21.679	0 408242334	0
	58			63	13.682 13.682 0.0	92 1210817	9.19
	59			69	13.885 13.886 -0.001	79 1129112	9.85
	60			88	13.917 13.918 -0.001	84 506523	8.17
	61			174	13.939 13.939 0.0	95 2161143	9.70
	62			83	14.249 14.249 0.0	97 3087736	9.39
A	63			1	15.022 3.048 - 26.997	0 643855892	2083.7
	64			75	15.233 15.234 -0.001	87 2142041	9.56
	65			43	15.533 15.533 0.0	92 1876621	9.10
	66			92	15.854 15.854 0.0	93 2964097	9.33
	69			43	15.961 15.967 -0.006	85 1951903	9.04
	70			75	16.443 16.443 -0.001	92 2217038	9.72
	71			83	16.817 16.817 0.0	95 1477548	9.28
	72			166	16.967 16.967 0.0	97 3196386	9.36
	73			43	17.288 17.288 0.0	93 1779435	9.35
	74			129	17.587 17.588 -0.001	97 3933948	9.58
	75			107	17.866 17.866 0.0	99 3105140	9.69
*	76			117	18.786 18.786 0.0	81 4337814	10.0
	77			112	18.850 18.850 0.0	99 4375153	9.49
	78			91	19.016 19.016 0.0	96 6194924	9.38
	79			57	19.182 19.182 0.0	82 2153598	9.17
	80			106	19.273 19.273 -0.001	99 5062416	18.8
S	82			106		0	28.0
	83			106	20.102 20.102 0.0	95 2609956	9.27
	84			104	20.145 20.145 -0.001	98 3734422	9.96
	85			173	20.530 20.530 0.0	98 3916689	10.1
	86			105	20.765 20.765 0.0	94 7208268	9.29
\$	87			95	21.107 21.108 -0.001	98 2512338	NC
	88			83	21.364 21.364 0.0	97 3606117	9.41
	89			75	21.461 21.461 0.0	95 2369426	9.33
	90			91	21.471 21.471 0.0	99 7501779	9.37
	91			105	21.653 21.653 0.0	90 6270879	9.63

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
92	2-Chlorotoluene		91	21.653	21.653	0.0	87	4963156	9.17
93	n-Decane		57	21.669	21.669	0.0	82	2189048	9.16
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	5931804	9.21
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	3017284	10.2
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	5962376	9.12
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	95	5844479	9.38
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	8462949	9.31
99	4-Isopropyltoluene		119	22.761	22.761	-0.001	95	7167964	9.49
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	3928839	10.1
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	97	3856748	10.3
102	Benzyl chloride		91	23.103	23.103	0.0	100	3816202	9.58
103	n-Butylbenzene		91	23.338	23.338	0.0	90	5699774	9.59
104	Undecane		57	23.381	23.381	0.0	90	2731674	9.80
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	99	4056512	9.45
106	Dodecane		57	25.007	25.008	-0.001	92	458155	10.5
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	94	2151487	9.39
108	Hexachlorobutadiene		225	26.227	26.227	0.0	93	2161967	11.2
109	Naphthalene		128	26.505	26.500	0.005	99	4949802	9.06
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	96	2045203	10.9

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_016.D

Injection Date: 21-Feb-2014 00:15:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: ICV

Lab Sample ID: ICV 200-68621/16-A

Worklist Smp#: 16

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

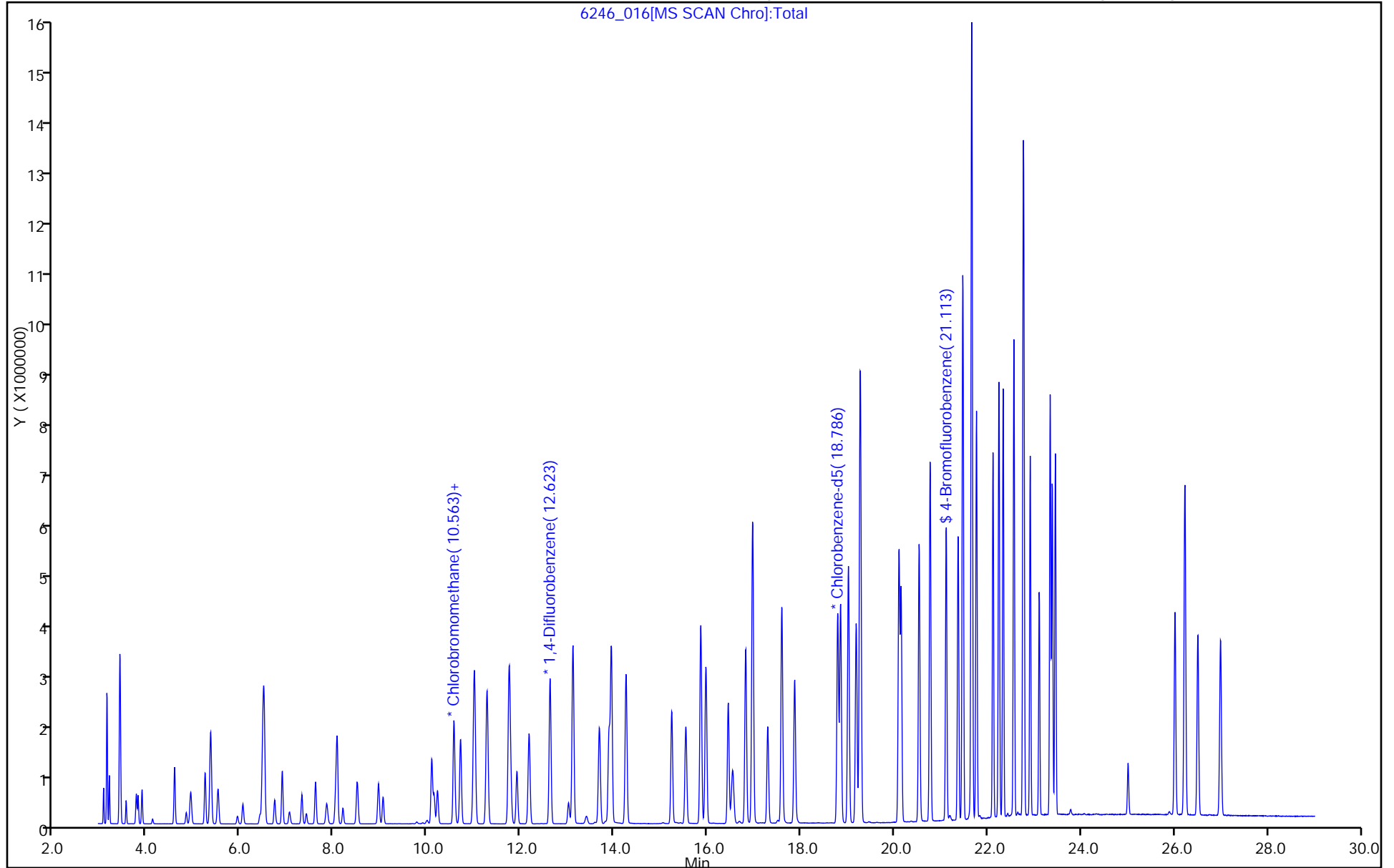
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68811/2 Calibration Date: 02/25/2014 12:49
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6318_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4525	0.4373		10.7	10.0	-3.4	30.0
Freon 12	Ave	3.137	3.323		10.6	10.0	5.9	30.0
Freon 22	Ave	1.181	1.271		10.8	10.0	7.6	30.0
Freon-114	Ave	2.687	2.816		10.5	10.0	4.8	30.0
Chloromethane	Ave	0.5956	0.6410		10.8	10.0	7.6	30.0
n-Butane	Ave	0.7851	0.8523		10.9	10.0	8.6	30.0
Vinyl chloride	Ave	0.8160	0.8366		10.3	10.0	2.5	30.0
1,3-Butadiene	Ave	0.4758	0.5102		10.7	10.0	7.2	30.0
Bromomethane	Ave	1.162	1.208		10.4	10.0	4.0	30.0
Chloroethane	Ave	0.3240	0.3379		10.4	10.0	4.3	30.0
Isopentane	Ave	0.5140	0.5283		10.3	10.0	2.8	30.0
Vinyl bromide	Ave	1.261	1.327		10.5	10.0	5.2	30.0
Freon 11	Ave	3.583	3.637		10.1	10.0	1.5	30.0
n-Pentane	Ave	0.7954	0.8766		11.0	10.0	10.2	30.0
Ethanol	Ave	0.1910	0.2019		15.9	15.0	5.7	30.0
Ethyl ether	Ave	0.4003	0.4327		10.8	10.0	8.1	30.0
Acrolein	Ave	0.1910	0.2086		10.9	10.0	9.2	30.0
Freon 113	Ave	2.249	2.332		10.4	10.0	3.7	30.0
1,1-Dichloroethene	Ave	0.9520	0.9783		10.3	10.0	2.8	30.0
Acetone	Ave	0.8787	0.9238		10.5	10.0	5.1	30.0
Carbon disulfide	Ave	2.332	2.463		10.6	10.0	5.6	30.0
Isopropyl alcohol	Ave	0.7090	0.7816		11.0	10.0	10.2	30.0
Allyl chloride	Ave	0.6290	0.6750		10.7	10.0	7.3	30.0
Acetonitrile	Ave	0.3383	0.3796		11.2	10.0	12.2	30.0
Methylene Chloride	Ave	0.7069	0.7472		10.6	10.0	5.7	30.0
tert-Butyl alcohol	Ave	1.260	1.378		10.9	10.0	9.4	30.0
Methyl tert-butyl ether	Ave	2.237	2.385		10.7	10.0	6.6	30.0
trans-1,2-Dichloroethene	Ave	1.039	1.118		10.8	10.0	7.6	30.0
Acrylonitrile	Ave	0.3820	0.4076		10.7	10.0	6.7	30.0
Hexane	Ave	0.8392	0.8982		10.7	10.0	7.0	30.0
1,1-Dichloroethane	Ave	1.522	1.576		10.7	10.0	3.6	30.0
Vinyl acetate	Ave	1.472	1.630		11.1	10.0	10.7	30.0
cis-1,2-Dichloroethene	Ave	1.290	1.359		10.5	10.0	5.4	30.0
Methyl Ethyl Ketone	Ave	0.4361	0.4448		10.2	10.0	2.0	30.0
Ethyl acetate	Ave	0.0661	0.0722		10.9	10.0	9.3	30.0
Tetrahydrofuran	Ave	0.1189	0.1280		10.8	10.0	7.7	30.0
Chloroform	Ave	2.859	2.974		10.4	10.0	4.0	30.0
Cyclohexane	Ave	0.2496	0.2592		10.4	10.0	3.8	30.0
1,1,1-Trichloroethane	Ave	0.5905	0.5968		10.1	10.0	1.1	30.0
Carbon tetrachloride	Ave	0.7528	0.7474		9.93	10.0	-0.7	30.0
Benzene	Ave	0.6673	0.6869		10.3	10.0	2.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68811/2 Calibration Date: 02/25/2014 12:49
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6318_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.7963	0.8350		10.5	10.0	4.9	30.0
1,2-Dichloroethane	Ave	0.3331	0.3405		10.2	10.0	2.2	30.0
Heptane	Ave	0.2959	0.2954		9.98	10.0	-0.2	30.0
n-Butanol	Ave	0.1142	0.1227		10.7	10.0	7.5	30.0
Trichloroethene	Ave	0.4731	0.4683		9.90	10.0	-1.0	30.0
1,2-Dichloropropane	Ave	0.3124	0.3304		10.5	10.0	5.7	30.0
Methyl methacrylate	Ave	0.2717	0.2935		10.8	10.0	8.0	30.0
1,4-Dioxane	Ave	0.1470	0.1654		11.2	10.0	12.5	30.0
Dibromomethane	Ave	0.5283	0.5563		10.5	10.0	5.3	30.0
Bromodichloromethane	Ave	0.7799	0.8312		10.7	10.0	6.6	30.0
cis-1,3-Dichloropropene	Ave	0.5310	0.5693		10.7	10.0	7.2	30.0
methyl isobutyl ketone	Ave	0.4887	0.5266		10.8	10.0	7.7	30.0
Toluene	Ave	0.7326	0.7494		10.2	10.0	2.3	30.0
n-Octane	Ave	0.5119	0.5316		10.4	10.0	3.9	30.0
trans-1,3-Dichloropropene	Ave	0.5408	0.5748		10.6	10.0	6.3	30.0
1,1,2-Trichloroethane	Ave	0.3670	0.3776		10.3	10.0	2.9	30.0
Tetrachloroethene	Ave	0.7873	0.7883		10.0	10.0	0.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4387	0.4850		11.1	10.0	10.6	30.0
Dibromochloromethane	Ave	0.9470	1.027		10.8	10.0	8.5	30.0
1,2-Dibromoethane	Ave	0.7388	0.7815		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	1.063	1.105		10.4	10.0	3.9	30.0
Ethylbenzene	Ave	1.522	1.567		10.3	10.0	3.0	30.0
n-Nonane	Ave	0.5414	0.5561		10.3	10.0	2.7	30.0
m,p-Xylene	Ave	0.6221	0.6410		20.6	20.0	3.0	30.0
Xylene, o-	Ave	0.6494	0.6739		10.4	10.0	3.8	30.0
Styrene	Ave	0.8646	0.9486		11.0	10.0	9.7	30.0
Bromoform	Ave	0.8956	1.008		11.2	10.0	12.5	30.0
Cumene	Ave	1.788	1.862		10.4	10.0	4.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8834	0.9155		10.4	10.0	3.6	30.0
1,2,3-Trichloropropane	Ave	0.5852	0.6123		10.5	10.0	4.6	30.0
n-Propylbenzene	Ave	1.845	1.938		10.5	10.0	5.0	30.0
2-Chlorotoluene	Ave	1.248	1.275		10.2	10.0	2.2	30.0
4-Ethyltoluene	Ave	1.502	1.585		10.6	10.0	5.6	30.0
n-Decane	Ave	0.5512	0.5717		10.4	10.0	3.7	30.0
1,3,5-Trimethylbenzene	Ave	1.484	1.544		10.4	10.0	4.0	30.0
Alpha Methyl Styrene	Ave	0.6800	0.7806		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	1.507	1.540		10.2	10.0	2.2	30.0
1,2,4-Trimethylbenzene	Ave	1.437	1.508		10.5	10.0	5.0	30.0
sec-Butylbenzene	Ave	2.095	2.206		10.5	10.0	5.3	30.0
4-Isopropyltoluene	Ave	1.741	1.859		10.7	10.0	6.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68811/2 Calibration Date: 02/25/2014 12:49
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6318_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.8925	0.9880		11.1	10.0	10.7	30.0
1,4-Dichlorobenzene	Ave	0.8666	0.9680		11.2	10.0	11.7	30.0
Benzyl chloride	Ave	0.9186	1.047		11.4	10.0	14.0	30.0
n-Butylbenzene	Ave	1.370	1.494		10.9	10.0	9.0	30.0
n-Undecane	Ave	0.6424	0.7155		11.1	10.0	11.4	30.0
1,2-Dichlorobenzene	Ave	0.9899	1.023		10.9	10.0	3.3	30.0
n-Dodecane	Ave	0.1008	0.1390		13.8	10.0	37.9*	30.0
1,2,4-Trichlorobenzene	Ave	0.5281	0.5539		10.5	10.0	4.9	30.0
Hexachloro-1,3-butadiene	Ave	0.4459	0.6008		13.5	10.0	34.7*	30.0
Naphthalene	Ave	1.259	1.319		10.5	10.0	4.8	30.0
1,2,3-Trichlorobenzene	Ave	0.4340	0.5749		13.2	10.0	32.5*	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_002.D
 Lims ID: CCVIS Lab Sample ID:
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 25-Feb-2014 12:49:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006318-002
 Misc. Info.: CCVIS
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub4
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 11:33:22 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

First Level Reviewer: lyonsb

Date: 25-Feb-2014 13:43:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	307926	10.7	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	2339730	10.6	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	895074	10.8	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	1982690	10.5	
8 Chloromethane	50	3.539	3.539	0.0	99	451338	10.8	
9 Butane	43	3.758	3.758	0.0	97	600119	10.9	
10 Vinyl chloride	62	3.796	3.796	0.0	96	589023	10.3	
11 Butadiene	54	3.881	3.881	0.0	92	359253	10.7	
12 Bromomethane	94	4.577	4.577	0.0	99	850529	10.4	
13 BFB								
14 Chloroethane	64	4.828	4.828	0.0	100	237887	10.4	
15 2-Methylbutane	43	4.925	4.925	0.0	86	372002	10.3	
16 Vinyl bromide	106	5.230	5.230	0.0	98	934680	10.5	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	2560587	10.1	
18 Pentane	43	5.508	5.508	0.0	95	617201	11.0	
19 Ethanol	45	5.925	5.925	0.0	96	213336	15.9	
21 Ethyl ether	59	6.037	6.037	0.0	94	304640	10.8	
22 Acrolein	56	6.401	6.401	0.0	96	146879	10.9	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	1642026	10.4	
24 1,1-Dichloroethene	96	6.497	6.497	0.0	93	688813	10.3	
25 Acetone	43	6.722	6.722	0.0	86	650423	10.5	
26 Carbon disulfide	76	6.888	6.888	0.0	98	1734307	10.6	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	550298	11.0	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	475259	10.7	
30 Acetonitrile	41	7.396	7.396	0.0	99	267300	11.2	
31 Methylene Chloride	49	7.599	7.599	0.0	80	526130	10.6	
32 2-Methyl-2-propanol	59	7.840	7.840	0.0	98	970288	10.9	
33 Methyl tert-butyl ether	73	8.038	8.038	0.0	94	1679404	10.7	
34 trans-1,2-Dichloroethene	61	8.065	8.065	0.0	87	787067	10.8	
35 Acrylonitrile	53	8.183	8.183	0.0	93	286991	10.7	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	8.493 8.493 0.0	90 632418	10.7
	37			63	8.948 8.948 0.0	99 1109919	10.7
	38			43	9.044 9.044 0.0	99 1147345	11.1
	39			96	10.087 10.087 0.0	92 956883	10.5
	40			72	10.135 10.135 0.0	97 313182	10.2
S	41			61		0	21.3
	42			88	10.210 10.210 0.0	99 50863	10.9
*	43			128	10.558 10.558 0.0	68 704232	10.0
	44			42	10.579 10.579 0.0	82 521083	10.8
	45			83	10.702 10.702 0.0	99 2093838	10.4
	46			84	10.991 10.991 0.0	89 1054681	10.4
	47			97	11.007 11.007 0.0	95 2428568	10.1
	48			117	11.269 11.269 0.0	97 3041732	9.93
	50			78	11.740 11.740 0.0	94 2795259	10.3
	51			57	11.761 11.761 0.0	98 3398255	10.5
	52			62	11.911 11.911 0.0	99 1385851	10.2
	53			43	12.173 12.173 0.0	85 1202232	9.98
*	54			114	12.623 12.623 0.0	91 4070343	10.0
	55			56	13.019 13.019 0.0	84 499481	10.7
	56			95	13.115 13.115 0.0	94 1905789	9.90
A	57			1	13.297 4.915 - 21.679	0 445778784	0
	58			63	13.682 13.682 0.0	92 1344482	10.5
	59			69	13.880 13.880 0.0	80 1194384	10.8
	60			88	13.917 13.917 0.0	85 672907	11.2
	61			174	13.939 13.939 0.0	94 2263893	10.5
	62			83	14.249 14.249 0.0	98 3382446	10.7
A	63			1	15.025 3.048 - 27.002	0 705525267	2366.0
	64			75	15.228 15.228 0.0	87 2316578	10.7
	65			43	15.533 15.533 0.0	93 2142842	10.8
	66			92	15.854 15.854 0.0	94 3139816	10.2
	69			43	15.961 15.961 0.0	86 2163470	10.4
	70			75	16.442 16.442 0.0	93 2339082	10.6
	71			83	16.812 16.812 0.0	95 1582102	10.3
	72			166	16.967 16.967 0.0	97 3303113	10.0
	73			43	17.288 17.288 0.0	92 2032203	11.1
	74			129	17.587 17.587 0.0	97 4304522	10.8
	75			107	17.866 17.866 0.0	99 3274403	10.6
*	76			117	18.786 18.786 0.0	80 4190829	10.0
	77			112	18.850 18.850 0.0	98 4628487	10.4
	78			91	19.016 19.016 0.0	96 6565137	10.3
	79			57	19.187 19.187 0.0	83 2329980	10.3
	80			106	19.272 19.272 0.0	99 5371495	20.6
S	82			106		0	31.0
	83			106	20.102 20.102 0.0	95 2823740	10.4
	84			104	20.144 20.144 0.0	97 3974730	11.0
	85			173	20.530 20.530 0.0	98 4222527	11.2
	86			105	20.765 20.765 0.0	94 7803332	10.4
\$	87			95	21.113 21.113 0.0	98 2459395	NC
	88			83	21.364 21.364 0.0	97 3835958	10.4
	89			75	21.461 21.461 0.0	95 2565520	10.5
	90			91	21.471 21.471 0.0	99 8121798	10.5
	92			91	21.653 21.653 0.0	89 5343994	10.2

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	89	6642330	10.6
93	n-Decane		57	21.669	21.669	0.0	83	2395408	10.4
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	6468667	10.4
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	91	3270700	11.5
96	tert-Butylbenzene		119	22.242	22.242	0.0	92	6453084	10.2
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	95	6320179	10.5
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	9241664	10.5
99	4-Isopropyltoluene		119	22.760	22.760	0.0	94	7787920	10.7
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	4139611	11.1
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	4055733	11.2
102	Benzyl chloride		91	23.103	23.103	0.0	100	4386758	11.4
103	n-Butylbenzene		91	23.338	23.338	0.0	98	6259727	10.9
104	Undecane		57	23.386	23.386	0.0	91	2998120	11.1
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	99	4284816	10.9
106	Dodecane		57	25.007	25.007	0.0	92	582430	13.8
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	94	2321024	10.5
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	2517138	13.5
109	Naphthalene		128	26.505	26.505	0.0	99	5527052	10.5
110	1,2,3-Trichlorobenzene		180	26.992	26.992	0.0	96	2408789	13.2

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_002.D

Injection Date: 25-Feb-2014 12:49:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: CCVIS

Lab Sample ID:

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

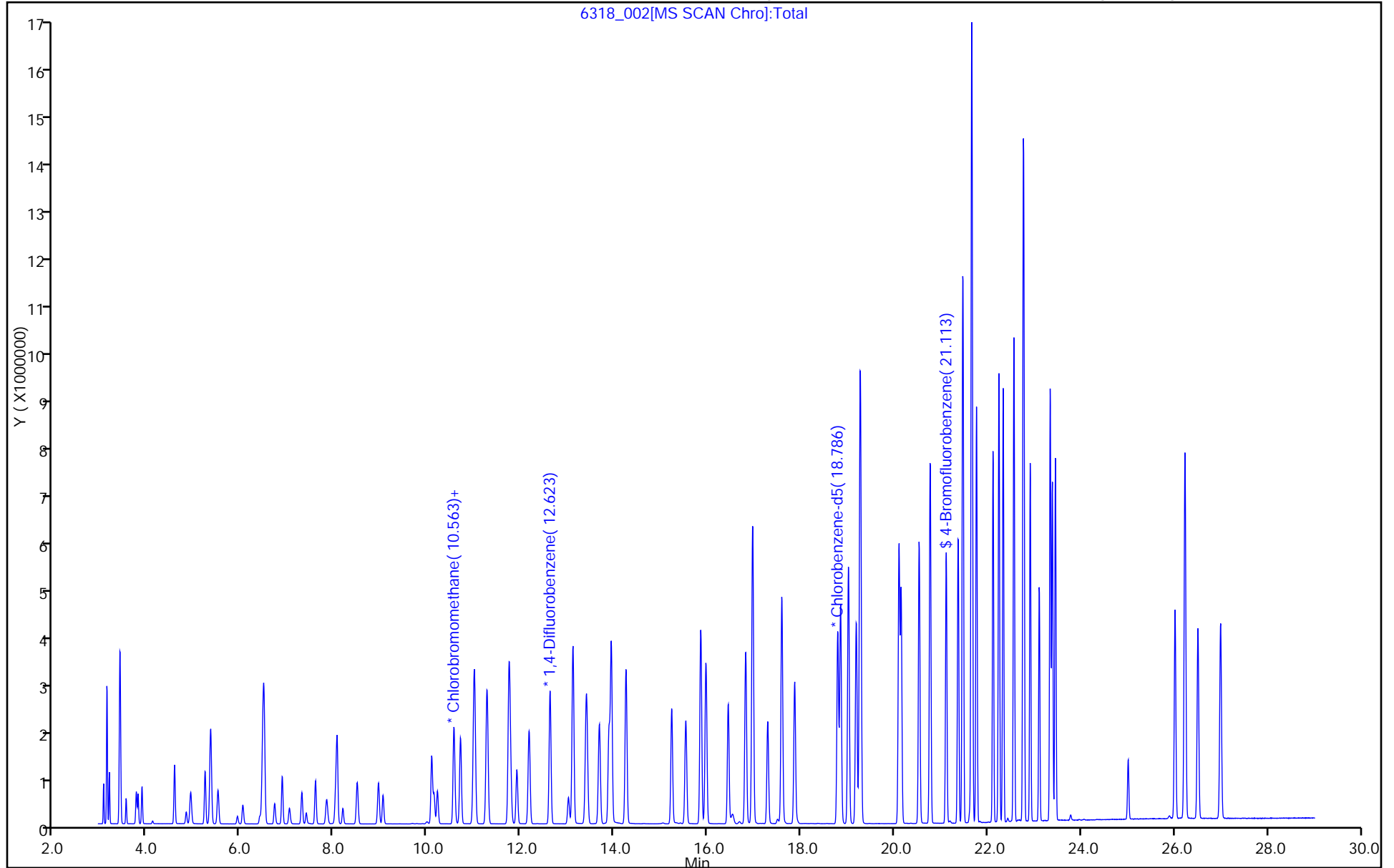
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-68234/14 Calibration Date: 02/12/2014 03:20
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6101_014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6601	0.5218		7.90	10.0	-21.0	30.0
Freon 12	Ave	4.574	3.691		8.07	10.0	-19.3	30.0
Freon 22	Ave	1.733	1.395		8.05	10.0	-19.5	30.0
Freon-114	Ave	3.900	3.454		8.86	10.0	-11.4	30.0
Chloromethane	Ave	0.7873	0.6279		7.97	10.0	-20.2	30.0
n-Butane	Ave	1.276	1.082		8.48	10.0	-15.2	30.0
Vinyl chloride	Ave	1.133	0.8930		7.88	10.0	-21.2	30.0
1,3-Butadiene	Ave	0.6968	0.5928		8.50	10.0	-14.9	30.0
Bromomethane	Ave	1.171	0.9199		7.85	10.0	-21.5	30.0
Chloroethane	Ave	0.6027	0.4820		7.99	10.0	-20.0	30.0
Isopentane	Ave	0.9735	0.8689		8.92	10.0	-10.7	30.0
Vinyl bromide	Ave	1.561	1.305		8.36	10.0	-16.4	30.0
Freon 11	Ave	5.126	3.998		7.80	10.0	-22.0	30.0
n-Pentane	Ave	1.364	1.342		9.83	10.0	-1.7	30.0
Ethanol	Ave	0.2860	0.2399		12.6	15.0	-16.1	30.0
Ethyl ether	Ave	0.7138	0.7330		10.3	10.0	2.7	30.0
Acrolein	Ave	0.3000	0.3236		10.8	10.0	7.9	30.0
Freon 113	Ave	3.208	2.620		8.17	10.0	-18.3	30.0
1,1-Dichloroethene	Ave	1.382	1.206		8.72	10.0	-12.7	30.0
Acetone	Ave	1.452	1.422		9.79	10.0	-2.1	30.0
Carbon disulfide	Ave	3.183	3.074		9.66	10.0	-3.4	30.0
Isopropyl alcohol	Ave	1.217	0.9047		7.43	10.0	-25.6	30.0
Allyl chloride	Ave	0.9827	0.8690		8.84	10.0	-11.6	30.0
Acetonitrile	Ave	0.5322	0.4695		8.82	10.0	-11.8	30.0
Methylene Chloride	Ave	1.011	0.8440		8.35	10.0	-16.5	30.0
tert-Butyl alcohol	Ave	2.208	1.792		8.11	10.0	-18.8	30.0
Methyl tert-butyl ether	Ave	3.658	3.641		9.95	10.0	-0.5	30.0
trans-1,2-Dichloroethene	Ave	1.666	1.518		9.11	10.0	-8.9	30.0
Acrylonitrile	Ave	0.6196	0.5743		9.27	10.0	-7.3	30.0
Hexane	Ave	1.400	1.443		10.3	10.0	3.1	30.0
1,1-Dichloroethane	Ave	2.242	1.819		8.11	10.0	-18.9	30.0
Vinyl acetate	Ave	2.083	1.908		9.16	10.0	-8.4	30.0
cis-1,2-Dichloroethene	Ave	1.459	1.310		8.97	10.0	-10.3	30.0
Methyl Ethyl Ketone	Ave	0.6148	0.5454		8.87	10.0	-11.3	30.0
Ethyl acetate	Ave	0.1195	0.1135		9.49	10.0	-5.0	30.0
Tetrahydrofuran	Ave	0.1892	0.1677		8.86	10.0	-11.4	30.0
Chloroform	Ave	3.351	2.766		8.25	10.0	-17.5	30.0
Cyclohexane	Ave	0.3651	0.3510		9.61	10.0	-3.9	30.0
1,1,1-Trichloroethane	Ave	0.8347	0.6941		8.31	10.0	-16.8	30.0
Carbon tetrachloride	Ave	0.9534	0.7595		7.97	10.0	-20.3	30.0
2,2,4-Trimethylpentane	Ave	0.9724	0.9536		9.80	10.0	-1.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-68234/14 Calibration Date: 02/12/2014 03:20
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6101_014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8714	0.7454		8.55	10.0	-14.5	30.0
1,2-Dichloroethane	Ave	0.4411	0.3729		8.45	10.0	-15.5	30.0
Heptane	Ave	0.3036	0.2983		9.82	10.0	-1.8	30.0
n-Butanol	Ave	0.1081	0.0899		8.31	10.0	-16.9	30.0
Trichloroethene	Ave	0.4486	0.3972		8.85	10.0	-11.5	30.0
1,2-Dichloropropane	Ave	0.2654	0.2271		8.55	10.0	-14.4	30.0
Methyl methacrylate	Ave	0.2752	0.2583		9.38	10.0	-6.1	30.0
1,4-Dioxane	Ave	0.1525	0.1186		7.77	10.0	-22.3	30.0
Dibromomethane	Ave	0.5502	0.4531		8.23	10.0	-17.6	30.0
Bromodichloromethane	Ave	0.7680	0.6447		8.39	10.0	-16.1	30.0
cis-1,3-Dichloropropene	Ave	0.4344	0.4270		9.83	10.0	-1.7	30.0
methyl isobutyl ketone	Ave	0.4254	0.3833		9.01	10.0	-9.9	30.0
n-Octane	Ave	0.4024	0.3953		9.82	10.0	-1.8	30.0
Toluene	Ave	0.7252	0.6585		9.08	10.0	-9.2	30.0
trans-1,3-Dichloropropene	Ave	0.4984	0.4749		9.52	10.0	-4.7	30.0
1,1,2-Trichloroethane	Ave	0.3616	0.3099		8.57	10.0	-14.3	30.0
Tetrachloroethene	Ave	0.9024	0.7795		8.64	10.0	-13.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4083	0.3819		9.35	10.0	-6.5	30.0
Dibromochloromethane	Ave	1.004	0.8568		8.53	10.0	-14.7	30.0
1,2-Dibromoethane	Ave	0.7336	0.6626		9.03	10.0	-9.7	30.0
Chlorobenzene	Ave	1.213	1.014		8.36	10.0	-16.4	30.0
Ethylbenzene	Ave	1.694	1.544		9.11	10.0	-8.9	30.0
n-Nonane	Ave	0.5654	0.5206		9.21	10.0	-7.9	30.0
m,p-Xylene	Ave	0.6834	0.6134		17.9	20.0	-10.2	30.0
Xylene, o-	Ave	0.6450	0.6220		9.64	10.0	-3.6	30.0
Styrene	Ave	0.9570	0.9354		9.77	10.0	-2.3	30.0
Bromoform	Ave	1.010	0.8961		8.87	10.0	-11.3	30.0
Cumene	Ave	1.983	1.978		9.97	10.0	-0.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9828	0.8466		8.61	10.0	-13.9	30.0
n-Propylbenzene	Ave	2.308	2.182		9.45	10.0	-5.5	30.0
1,2,3-Trichloropropane	Ave	0.7563	0.6505		8.60	10.0	-14.0	30.0
n-Decane	Ave	0.7915	0.7216		9.12	10.0	-8.8	30.0
4-Ethyltoluene	Ave	2.208	2.031		9.20	10.0	-8.0	30.0
2-Chlorotoluene	Ave	1.930	1.661		8.60	10.0	-13.9	30.0
1,3,5-Trimethylbenzene	Ave	2.043	1.801		8.81	10.0	-11.9	30.0
Alpha Methyl Styrene	Ave	0.8513	0.8874		10.4	10.0	4.2	30.0
tert-Butylbenzene	Ave	1.984	1.765		8.89	10.0	-11.0	30.0
1,2,4-Trimethylbenzene	Ave	1.950	1.764		9.05	10.0	-9.5	30.0
sec-Butylbenzene	Ave	2.687	2.399		8.93	10.0	-10.7	30.0
4-Isopropyltoluene	Ave	2.363	2.177		9.21	10.0	-7.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: ICV 200-68234/14 Calibration Date: 02/12/2014 03:20
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6101_014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.421	1.224		8.61	10.0	-13.8	30.0
1,4-Dichlorobenzene	Ave	1.323	1.191		9.01	10.0	-9.9	30.0
Benzyl chloride	Ave	1.188	1.091		9.18	10.0	-8.2	30.0
n-Undecane	Ave	0.8026	0.7231		9.01	10.0	-9.9	30.0
n-Butylbenzene	Ave	1.792	1.580		8.81	10.0	-11.8	30.0
1,2-Dichlorobenzene	Ave	1.383	1.196		8.64	10.0	-13.6	30.0
n-Dodecane	Ave	0.5251	0.4886		9.30	10.0	-7.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7107	0.6320		8.89	10.0	-11.1	30.0
Hexachloro-1,3-butadiene	Ave	1.124	0.9086		8.08	10.0	-19.2	30.0
Naphthalene	Ave	1.386	1.258		9.08	10.0	-9.2	30.0
1,2,3-Trichlorobenzene	Ave	0.6622	0.5867		8.86	10.0	-11.4	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_014.d
 Lims ID: ICV Lab Sample ID: ICV 200-68232/14-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 12-Feb-2014 03:20:30 ALS Bottle#: 9 Worklist Smp#: 14
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-014
 Misc. Info.: ICV
 Operator ID: PAD Instrument ID: CHW.i
 Sublist:
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:52:24 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:34:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.383	4.383	0.0	97	300987	7.90	
2 Dichlorodifluoromethane	85	4.474	4.479	-0.005	99	2129367	8.07	
6 Chlorodifluoromethane	51	4.544	4.544	0.0	93	804517	8.05	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.833	4.832	0.0	92	1992453	8.86	
8 Chloromethane	50	5.025	5.025	0.0	99	362199	7.97	
9 Butane	43	5.287	5.287	0.0	95	624207	8.48	
10 Vinyl chloride	62	5.351	5.346	0.005	96	515110	7.88	
11 Butadiene	54	5.448	5.442	0.006	93	341925	8.50	
13 BFB								
12 Bromomethane	94	6.314	6.314	0.0	99	530623	7.85	
14 Chloroethane	64	6.603	6.598	0.005	99	278020	7.99	
15 2-Methylbutane	43	6.694	6.678	0.016	86	501192	8.92	
16 Vinyl bromide	106	7.079	7.079	0.0	96	752860	8.36	
17 Trichlorofluoromethane	101	7.197	7.192	0.005	98	2306138	7.80	
18 Pentane	43	7.363	7.357	0.006	93	773960	9.83	
19 Ethanol	45	7.802	7.796	0.006	99	207660	12.6	
21 Ethyl ether	59	7.946	7.941	0.005	91	422831	10.3	
22 Acrolein	56	8.406	8.406	0.0	96	186687	10.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.449	8.443	0.006	95	1511482	8.17	
24 1,1-Dichloroethene	96	8.518	8.518	0.0	94	695415	8.72	
25 Acetone	43	8.754	8.748	0.006	87	819994	9.79	
26 Carbon disulfide	76	9.005	9.000	0.005	98	1773118	9.66	
27 Isopropyl alcohol	45	9.037	9.032	0.005	88	521875	7.43	
29 3-Chloro-1-propene	41	9.407	9.406	0.0	82	501305	8.84	
30 Acetonitrile	41	9.540	9.535	0.005	98	270842	8.82	
31 Methylene Chloride	49	9.738	9.733	0.005	79	486857	8.35	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	99	1033548	8.11	
33 Methyl tert-butyl ether	73	10.166	10.161	0.005	94	2100076	9.95	
S 41 1,2-Dichloroethene, Total	61				0		18.1	
34 trans-1,2-Dichloroethene	61	10.236	10.236	0.0	88	875421	9.11	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.385	10.385	0.0	93	331253	9.27
	36			10.653	10.653	0.0	89	832234	10.3
	37			11.199	11.199	0.0	99	1049239	8.11
	38			11.241	11.236	0.005	99	1100456	9.16
	39			12.370	12.375	-0.005	97	755409	8.97
	40			12.397	12.392	0.005	100	314618	8.87
	42			12.408	12.413	-0.005	97	65479	9.49
	44			12.852	12.846	0.006	81	459913	8.86
*	43			12.862	12.852	0.010	69	576959	10.0
	45			12.969	12.964	0.005	99	1595470	8.25
	46			13.269	13.264	0.005	83	962676	9.61
	47			13.280	13.280	0.0	95	1903809	8.31
	48			13.531	13.531	0.0	98	2083351	7.97
	51			13.927	13.927	0.0	97	2615633	9.80
	50			13.986	13.986	0.0	94	2044509	8.55
	52			14.146	14.141	0.005	99	1022839	8.45
	53			14.280	14.275	0.005	81	818170	9.82
*	54			14.746	14.745	0.001	92	2743463	10.0
A	57			14.769	6.668 - 22.871		0	269637348	0
	55			15.029	15.024	0.005	84	246610	8.31
	56			15.211	15.211	0.0	95	1089561	8.85
	58			15.730	15.730	0.0	86	622938	8.55
	59			15.815	15.815	0.0	76	708455	9.38
	60			15.906	15.901	0.005	86	325166	7.77
	61			15.976	15.970	0.006	88	1242876	8.23
	62			16.222	16.222	0.0	98	1768227	8.39
A	63			16.631	4.373 - 28.889		0	486697765	2446.3
	64			17.083	17.083	0.0	89	1171279	9.83
	65			17.324	17.324	0.0	90	1051398	9.01
	69			17.656	17.656	0.0	79	1084256	9.82
A	68			17.656	17.606 - 17.706		0	11683641	NC
A	67			17.661	17.621 - 17.701		0	11683641	NC
	66			17.661	17.661	0.0	93	1642194	9.08
	70			18.191	18.191	0.0	94	1302494	9.52
	71			18.560	18.560	0.0	92	772914	8.57
	72			18.699	18.699	0.0	97	1944046	8.64
	73			18.950	18.950	0.0	90	952369	9.35
	74			19.314	19.314	0.0	97	2136776	8.53
	75			19.603	19.603	0.0	99	1652351	9.03
S	82			106			0		27.6
*	76			20.443	20.443	0.0	83	2494405	10.0
	77			20.502	20.502	0.0	96	2528783	8.36
	78			20.619	20.614	0.005	95	3851733	9.11
	79			20.673	20.673	0.0	79	1298443	9.21
	80			20.833	20.833	0.0	100	3059721	17.9
	83			21.545	21.545	0.0	94	1551144	9.64
	84			21.582	21.582	0.0	95	2332878	9.77
	85			21.962	21.962	0.0	99	2234851	8.87
	86			22.117	22.112	0.005	95	4932625	9.97
\$	87			22.454	22.444	0.010	97	1831032	NC
	88			22.679	22.668	0.011	94	2111331	8.61
	90			22.759	22.743	0.016	99	5441121	9.45

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.786	22.770	0.016	93	1622321	8.60
93	n-Decane		57	22.872	22.861	0.011	82	1799683	9.12
91	4-Ethyltoluene		105	22.925	22.909	0.016	96	5065784	9.20
92	2-Chlorotoluene		91	22.957	22.946	0.011	94	4143273	8.60
94	1,3,5-Trimethylbenzene		105	23.016	23.005	0.011	92	4490791	8.81
95	Alpha Methyl Styrene		118	23.369	23.353	0.016	89	2213065	10.4
96	tert-Butylbenzene		119	23.492	23.481	0.011	92	4402388	8.89
97	1,2,4-Trimethylbenzene		105	23.589	23.572	0.017	97	4400273	9.05
98	sec-Butylbenzene		105	23.824	23.808	0.016	98	5981883	8.93
99	4-Isopropyltoluene		119	24.027	24.011	0.016	87	5428368	9.21
100	1,3-Dichlorobenzene		146	24.091	24.081	0.010	97	3053631	8.61
101	1,4-Dichlorobenzene		146	24.236	24.225	0.011	96	2971448	9.01
102	Benzyl chloride		91	24.450	24.434	0.016	100	2720950	9.18
104	Undecane		57	24.642	24.626	0.016	87	1803329	9.01
103	n-Butylbenzene		91	24.664	24.653	0.011	97	3940639	8.81
105	1,2-Dichlorobenzene		146	24.840	24.830	0.010	98	2982307	8.64
106	Dodecane		57	26.440	26.434	0.006	89	1218498	9.30
107	1,2,4-Trichlorobenzene		180	27.729	27.724	0.005	94	1576106	8.89
108	Hexachlorobutadiene		225	27.938	27.927	0.011	95	2266007	8.08
109	Naphthalene		128	28.318	28.312	0.006	99	3138431	9.08
110	1,2,3-Trichlorobenzene		180	28.885	28.879	0.006	95	1463085	8.86

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_014.d

Injection Date: 12-Feb-2014 03:20:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: ICV

Lab Sample ID: ICV 200-68232/14-A

Worklist Smp#: 14

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

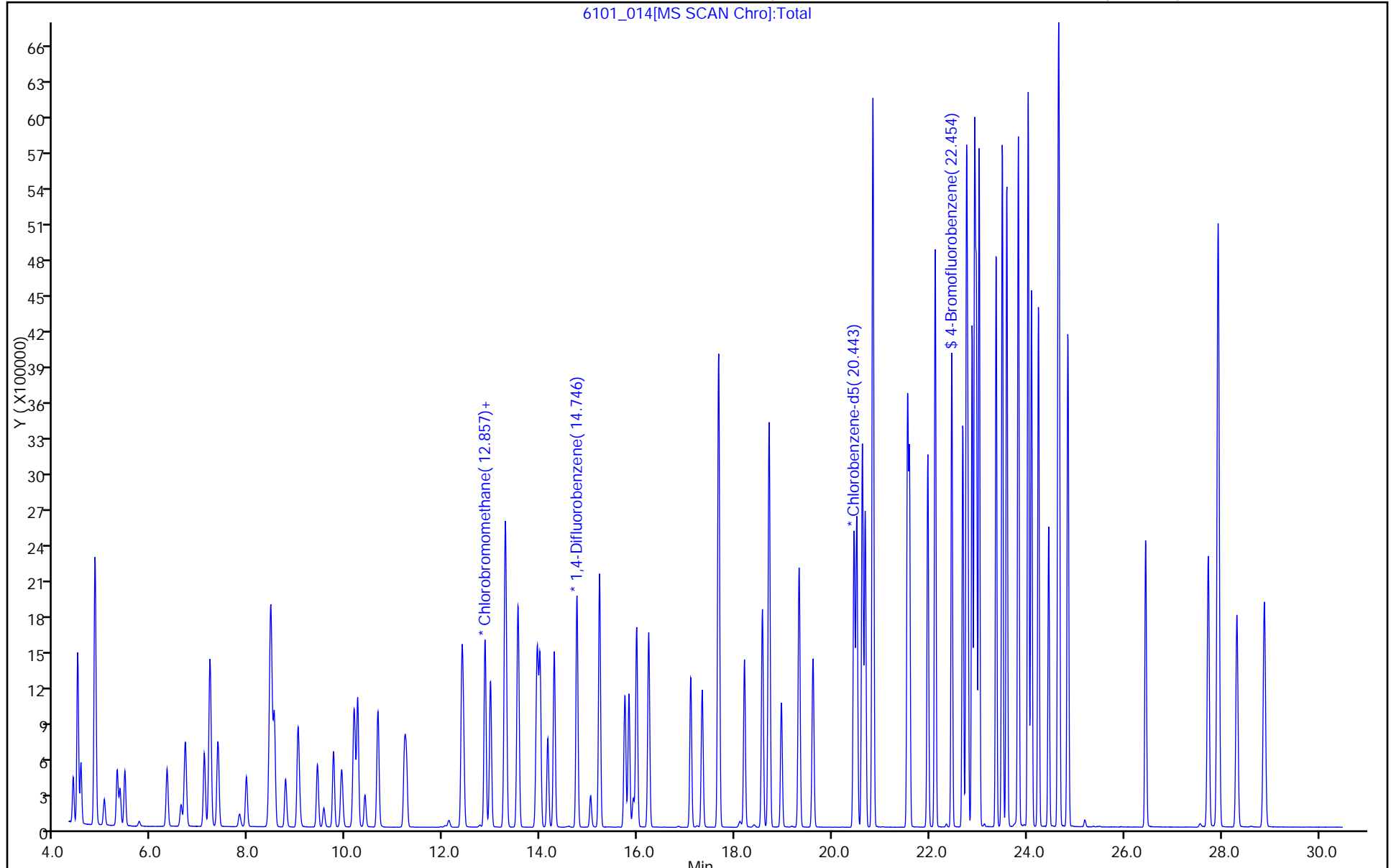
ALS Bottle#: 9

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68420/2 Calibration Date: 02/17/2014 10:36
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6171_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6601	0.7559		11.4	10.0	14.5	30.0
Freon 12	Ave	4.574	5.403		11.8	10.0	18.1	30.0
Freon 22	Ave	1.733	2.006		11.6	10.0	15.8	30.0
Freon-114	Ave	3.900	4.211		10.8	10.0	8.0	30.0
Chloromethane	Ave	0.7873	0.8760		11.1	10.0	11.3	30.0
n-Butane	Ave	1.276	1.485		11.6	10.0	16.4	30.0
Vinyl chloride	Ave	1.133	1.160		10.2	10.0	2.4	30.0
1,3-Butadiene	Ave	0.6968	0.7850		11.3	10.0	12.7	30.0
Bromomethane	Ave	1.171	1.164		9.94	10.0	-0.6	30.0
Chloroethane	Ave	0.6027	0.6353		10.5	10.0	5.4	30.0
Isopentane	Ave	0.9735	1.071		11.0	10.0	10.0	30.0
Vinyl bromide	Ave	1.561	1.690		10.8	10.0	8.3	30.0
Freon 11	Ave	5.126	5.717		11.1	10.0	11.5	30.0
n-Pentane	Ave	1.364	1.640		12.0	10.0	20.2	30.0
Ethanol	Ave	0.2860	0.3340		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7138	0.8586		12.0	10.0	20.3	30.0
Acrolein	Ave	0.3000	0.3444		11.5	10.0	14.8	30.0
Freon 113	Ave	3.208	3.341		10.4	10.0	4.1	30.0
1,1-Dichloroethene	Ave	1.382	1.532		11.1	10.0	10.9	30.0
Acetone	Ave	1.452	1.735		11.9	10.0	19.5	30.0
Carbon disulfide	Ave	3.183	3.367		10.6	10.0	5.8	30.0
Isopropyl alcohol	Ave	1.217	1.478		12.1	10.0	21.5	30.0
Allyl chloride	Ave	0.9827	1.219		12.4	10.0	24.0	30.0
Acetonitrile	Ave	0.5322	0.6023		11.3	10.0	13.2	30.0
Methylene Chloride	Ave	1.011	1.127		11.1	10.0	11.5	30.0
tert-Butyl alcohol	Ave	2.208	2.679		12.1	10.0	21.4	30.0
Methyl tert-butyl ether	Ave	3.658	4.719		12.9	10.0	29.0	30.0
trans-1,2-Dichloroethene	Ave	1.666	1.884		11.3	10.0	13.1	30.0
Acrylonitrile	Ave	0.6196	0.7025		11.3	10.0	13.4	30.0
Hexane	Ave	1.400	1.713		12.2	10.0	22.4	30.0
1,1-Dichloroethane	Ave	2.242	2.335		10.4	10.0	4.2	30.0
Vinyl acetate	Ave	2.083	2.621		12.6	10.0	25.8	30.0
cis-1,2-Dichloroethene	Ave	1.459	1.631		11.2	10.0	11.7	30.0
Methyl Ethyl Ketone	Ave	0.6148	0.6656		10.8	10.0	8.2	30.0
Ethyl acetate	Ave	0.1195	0.1309		11.0	10.0	9.5	30.0
Tetrahydrofuran	Ave	0.1892	0.2138		11.3	10.0	13.0	30.0
Chloroform	Ave	3.351	3.614		10.8	10.0	7.9	30.0
Cyclohexane	Ave	0.3651	0.4244		11.6	10.0	16.2	30.0
1,1,1-Trichloroethane	Ave	0.8347	0.9288		11.1	10.0	11.3	30.0
Carbon tetrachloride	Ave	0.9534	1.025		10.7	10.0	7.5	30.0
2,2,4-Trimethylpentane	Ave	0.9724	1.190		12.2	10.0	22.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68420/2 Calibration Date: 02/17/2014 10:36
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6171_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8714	0.8974		10.3	10.0	3.0	30.0
1,2-Dichloroethane	Ave	0.4411	0.5001		11.3	10.0	13.4	30.0
Heptane	Ave	0.3036	0.3784		12.5	10.0	24.6	30.0
n-Butanol	Ave	0.1081	0.1237		11.4	10.0	14.4	30.0
Trichloroethene	Ave	0.4486	0.4894		10.9	10.0	9.1	30.0
1,2-Dichloropropane	Ave	0.2654	0.2831		10.7	10.0	6.7	30.0
Methyl methacrylate	Ave	0.2752	0.3095		11.2	10.0	12.5	30.0
1,4-Dioxane	Ave	0.1525	0.1683		11.0	10.0	10.3	30.0
Dibromomethane	Ave	0.5502	0.5461		9.92	10.0	-0.7	30.0
Bromodichloromethane	Ave	0.7680	0.8459		11.0	10.0	10.1	30.0
cis-1,3-Dichloropropene	Ave	0.4344	0.5265		12.1	10.0	21.2	30.0
methyl isobutyl ketone	Ave	0.4254	0.5047		11.9	10.0	18.6	30.0
n-Octane	Ave	0.4024	0.4989		12.4	10.0	24.0	30.0
Toluene	Ave	0.7252	0.7718		10.6	10.0	6.4	30.0
trans-1,3-Dichloropropene	Ave	0.4984	0.5960		12.0	10.0	19.6	30.0
1,1,2-Trichloroethane	Ave	0.3616	0.3659		10.1	10.0	1.2	30.0
Tetrachloroethene	Ave	0.9024	0.9299		10.3	10.0	3.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4083	0.4796		11.7	10.0	17.5	30.0
Dibromochloromethane	Ave	1.004	1.107		11.0	10.0	10.2	30.0
1,2-Dibromoethane	Ave	0.7336	0.7990		10.9	10.0	8.9	30.0
Chlorobenzene	Ave	1.213	1.187		9.79	10.0	-2.1	30.0
Ethylbenzene	Ave	1.694	1.882		11.1	10.0	11.1	30.0
n-Nonane	Ave	0.5654	0.6395		11.3	10.0	13.1	30.0
m,p-Xylene	Ave	0.6834	0.7280		21.3	20.0	6.5	30.0
Xylene, o-	Ave	0.6450	0.7393		11.5	10.0	14.6	30.0
Styrene	Ave	0.9570	1.098		11.5	10.0	14.7	30.0
Bromoform	Ave	1.010	1.117		11.1	10.0	10.6	30.0
Cumene	Ave	1.983	2.374		12.0	10.0	19.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9828	0.9662		9.83	10.0	-1.7	30.0
n-Propylbenzene	Ave	2.308	2.662		11.5	10.0	15.4	30.0
1,2,3-Trichloropropane	Ave	0.7563	0.8014		10.6	10.0	6.0	30.0
n-Decane	Ave	0.7915	0.8598		10.9	10.0	8.6	30.0
4-Ethyltoluene	Ave	2.208	2.436		11.0	10.0	10.3	30.0
2-Chlorotoluene	Ave	1.930	2.048		10.6	10.0	6.1	30.0
1,3,5-Trimethylbenzene	Ave	2.043	2.211		10.8	10.0	8.2	30.0
Alpha Methyl Styrene	Ave	0.8513	1.025		12.0	10.0	20.4	30.0
tert-Butylbenzene	Ave	1.984	2.174		11.0	10.0	9.5	30.0
1,2,4-Trimethylbenzene	Ave	1.950	2.139		11.0	10.0	9.7	30.0
sec-Butylbenzene	Ave	2.687	2.939		10.9	10.0	9.4	30.0
4-Isopropyltoluene	Ave	2.363	2.654		11.2	10.0	12.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68420/2 Calibration Date: 02/17/2014 10:36
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6171_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.421	1.433		10.1	10.0	0.8	30.0
1,4-Dichlorobenzene	Ave	1.323	1.402		10.6	10.0	6.0	30.0
Benzyl chloride	Ave	1.188	1.403		11.8	10.0	18.1	30.0
n-Undecane	Ave	0.8026	0.8014		9.98	10.0	-0.1	30.0
n-Butylbenzene	Ave	1.792	1.866		10.4	10.0	4.1	30.0
1,2-Dichlorobenzene	Ave	1.383	1.376		9.95	10.0	-0.5	30.0
n-Dodecane	Ave	0.5251	0.4780		9.10	10.0	-9.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7107	0.5541		7.80	10.0	-22.0	30.0
Hexachloro-1,3-butadiene	Ave	1.124	1.143		10.2	10.0	1.7	30.0
Naphthalene	Ave	1.386	1.018		7.34	10.0	-26.6	30.0
1,2,3-Trichlorobenzene	Ave	0.6622	0.5718		8.63	10.0	-13.7	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_002.d
 Lims ID: CCVIS Lab Sample ID: VIBLK 200-68235/2-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 17-Feb-2014 10:36:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-002
 Misc. Info.: CCVIS
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:49:33 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: lyonsb

Date: 17-Feb-2014 11:28:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.367	4.367	0.0	95	269685	11.4	
2 Dichlorodifluoromethane	85	4.469	4.469	0.0	99	1927593	11.8	
6 Chlorodifluoromethane	51	4.533	4.533	0.0	93	715553	11.6	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.822	4.822	0.0	85	1502224	10.8	
8 Chloromethane	50	5.020	5.020	0.0	99	312513	11.1	
9 Butane	43	5.276	5.276	0.0	94	529706	11.6	
10 Vinyl chloride	62	5.341	5.341	0.0	97	413894	10.2	
11 Butadiene	54	5.437	5.437	0.0	94	280073	11.3	
12 Bromomethane	94	6.304	6.304	0.0	98	415294	9.94	
13 BFB								
14 Chloroethane	64	6.592	6.592	0.0	96	226636	10.5	
15 2-Methylbutane	43	6.683	6.683	0.0	86	382107	11.0	
16 Vinyl bromide	106	7.069	7.069	0.0	95	602914	10.8	
17 Trichlorofluoromethane	101	7.186	7.186	0.0	99	2039441	11.1	
18 Pentane	43	7.347	7.347	0.0	92	584929	12.0	
19 Ethanol	45	7.807	7.807	0.0	99	178802	17.5	
21 Ethyl ether	59	7.941	7.941	0.0	91	306314	12.0	
22 Acrolein	56	8.401	8.401	0.0	97	122852	11.5	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.438	8.438	0.0	93	1192031	10.4	
24 1,1-Dichloroethene	96	8.508	8.508	0.0	96	546620	11.1	
25 Acetone	43	8.748	8.748	0.0	86	619114	11.9	
26 Carbon disulfide	76	8.994	8.994	0.0	99	1201381	10.6	
27 Isopropyl alcohol	45	9.037	9.037	0.0	96	527236	12.1	
29 3-Chloro-1-propene	41	9.401	9.401	0.0	82	434879	12.4	
30 Acetonitrile	41	9.535	9.535	0.0	97	214891	11.3	
31 Methylene Chloride	49	9.733	9.733	0.0	82	402125	11.1	
32 2-Methyl-2-propanol	59	9.909	9.909	0.0	98	955759	12.1	
33 Methyl tert-butyl ether	73	10.155	10.155	0.0	94	1683730	12.9	
S 41 1,2-Dichloroethene, Total	61				0		22.5	
34 trans-1,2-Dichloroethene	61	10.230	10.230	0.0	90	672291	11.3	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.380	10.380	0.0	93	250642	11.3
	36			10.648	10.648	0.0	89	611084	12.2
	37			11.199	11.199	0.0	99	833117	10.4
	38			11.241	11.241	0.0	99	935136	12.6
	39			12.370	12.370	0.0	99	581776	11.2
	40			12.392	12.392	0.0	99	237449	10.8
	42			12.418	12.418	0.0	97	46706	11.0
	44			12.852	12.852	0.0	84	365522	11.3
*	43			12.852	12.852	0.0	70	356833	10.0
	45			12.964	12.964	0.0	100	1289477	10.8
	46			13.264	13.264	0.0	83	725560	11.6
	47			13.274	13.274	0.0	95	1588085	11.1
	48			13.531	13.531	0.0	98	1751973	10.7
	51			13.927	13.927	0.0	97	2034831	12.2
	50			13.986	13.986	0.0	95	1534376	10.3
	52			14.146	14.146	0.0	99	855038	11.3
	53			14.275	14.275	0.0	81	646931	12.5
*	54			14.745	14.745	0.0	93	1710087	10.0
A	57			14.772	6.673 - 22.871		0	224258061	0
	55			15.024	15.024	0.0	86	211419	11.4
	56			15.211	15.211	0.0	96	836704	10.9
	58			15.730	15.730	0.0	83	484061	10.7
	59			15.815	15.815	0.0	77	529156	11.2
	60			15.901	15.901	0.0	86	287718	11.0
	61			15.970	15.970	0.0	89	933774	9.92
	62			16.222	16.222	0.0	98	1446348	11.0
A	63			16.620	4.357 - 28.884		0	381675347	3077.7
	64			17.083	17.083	0.0	92	900224	12.1
	65			17.319	17.319	0.0	90	862867	11.9
	69			17.656	17.656	0.0	76	853038	12.4
A	68			17.656	17.606 - 17.706		0	8979868	NC
	66			17.661	17.661	0.0	93	1205090	10.6
A	67			17.661	17.621 - 17.701		0	8979868	NC
	70			18.191	18.191	0.0	96	1019012	12.0
	71			18.560	18.560	0.0	91	571294	10.1
	72			18.699	18.699	0.0	99	1451985	10.3
	73			18.950	18.950	0.0	90	748811	11.7
	74			19.314	19.314	0.0	97	1728568	11.0
	75			19.598	19.598	0.0	99	1247547	10.9
S	82			106			0		32.8
*	76			20.443	20.443	0.0	69	1561721	10.0
	77			20.502	20.502	0.0	94	1854156	9.79
	78			20.619	20.619	0.0	97	2938378	11.1
	79			20.673	20.673	0.0	78	998455	11.3
	80			20.833	20.833	0.0	99	2273274	21.3
	83			21.545	21.545	0.0	94	1154296	11.5
	84			21.588	21.588	0.0	95	1713766	11.5
	85			21.962	21.962	0.0	98	1743989	11.1
	86			22.112	22.112	0.0	96	3707247	12.0
\$	87			22.444	22.444	0.0	96	1164961	NC
	88			22.668	22.668	0.0	93	1508585	9.83
	90			22.743	22.743	0.0	99	4157156	11.5

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
89	1,2,3-Trichloropropane	75	22.770	22.770	0.0	84	1251242	10.6
93	n-Decane	57	22.861	22.861	0.0	82	1342493	10.9
91	4-Ethyltoluene	105	22.909	22.909	0.0	92	3803405	11.0
92	2-Chlorotoluene	91	22.946	22.946	0.0	94	3198357	10.6
94	1,3,5-Trimethylbenzene	105	23.005	23.005	0.0	92	3452545	10.8
95	Alpha Methyl Styrene	118	23.353	23.353	0.0	88	1600518	12.0
96	tert-Butylbenzene	119	23.481	23.481	0.0	92	3393757	11.0
97	1,2,4-Trimethylbenzene	105	23.572	23.572	0.0	97	3339717	11.0
98	sec-Butylbenzene	105	23.808	23.808	0.0	98	4588853	10.9
99	4-Isopropyltoluene	119	24.011	24.011	0.0	84	4143397	11.2
100	1,3-Dichlorobenzene	146	24.081	24.081	0.0	97	2237261	10.1
101	1,4-Dichlorobenzene	146	24.225	24.225	0.0	95	2188813	10.6
102	Benzyl chloride	91	24.434	24.434	0.0	99	2190559	11.8
104	Undecane	57	24.632	24.632	0.0	88	1251276	9.98
103	n-Butylbenzene	91	24.653	24.653	0.0	97	2913867	10.4
105	1,2-Dichlorobenzene	146	24.830	24.830	0.0	97	2149261	9.95
106	Dodecane	57	26.434	26.434	0.0	89	746289	9.10
107	1,2,4-Trichlorobenzene	180	27.724	27.724	0.0	93	865208	7.80
108	Hexachlorobutadiene	225	27.932	27.932	0.0	94	1784906	10.2
109	Naphthalene	128	28.312	28.312	0.0	99	1589163	7.34
110	1,2,3-Trichlorobenzene	180	28.874	28.874	0.0	95	892852	8.63

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_002.d

Injection Date: 17-Feb-2014 10:36:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: CCVIS

Lab Sample ID: VIBLK 200-68235/2-A

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

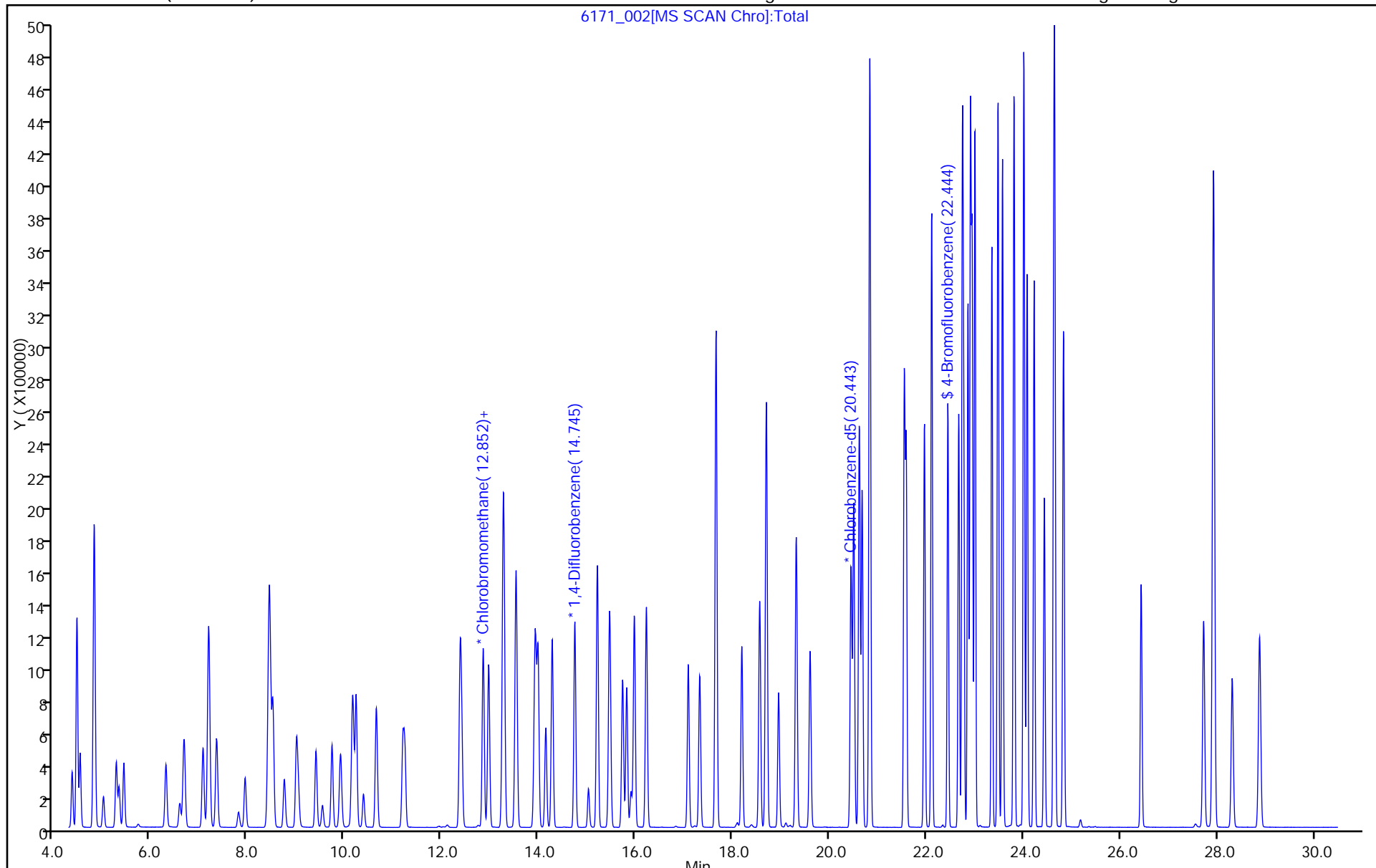
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68730/2 Calibration Date: 02/24/2014 11:15
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6282_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6601	0.7846		11.9	10.0	18.9	30.0
Freon 12	Ave	4.574	5.300		11.6	10.0	15.9	30.0
Freon 22	Ave	1.733	1.995		11.5	10.0	15.1	30.0
Freon-114	Ave	3.900	4.312		11.1	10.0	10.6	30.0
Chloromethane	Ave	0.7873	0.9114		11.6	10.0	15.8	30.0
n-Butane	Ave	1.276	1.426		11.2	10.0	11.8	30.0
Vinyl chloride	Ave	1.133	1.138		10.0	10.0	0.5	30.0
1,3-Butadiene	Ave	0.6968	0.7513		10.8	10.0	7.8	30.0
Bromomethane	Ave	1.171	1.192		10.2	10.0	1.7	30.0
Chloroethane	Ave	0.6027	0.6359		10.5	10.0	5.5	30.0
Isopentane	Ave	0.9735	1.062		10.9	10.0	9.1	30.0
Vinyl bromide	Ave	1.561	1.792		11.5	10.0	14.8	30.0
Freon 11	Ave	5.126	5.536		10.8	10.0	8.0	30.0
n-Pentane	Ave	1.364	1.675		12.3	10.0	22.7	30.0
Ethanol	Ave	0.2860	0.3366		17.7	15.0	17.7	30.0
Ethyl ether	Ave	0.7138	0.8680		12.2	10.0	21.6	30.0
Acrolein	Ave	0.3000	0.3555		11.8	10.0	18.5	30.0
Freon 113	Ave	3.208	3.430		10.7	10.0	6.9	30.0
1,1-Dichloroethene	Ave	1.382	1.617		11.7	10.0	17.1	30.0
Acetone	Ave	1.452	1.705		11.7	10.0	17.4	30.0
Carbon disulfide	Ave	3.183	3.559		11.2	10.0	11.8	30.0
Isopropyl alcohol	Ave	1.217	1.477		12.1	10.0	21.4	30.0
Allyl chloride	Ave	0.9827	1.237		12.6	10.0	25.9	30.0
Acetonitrile	Ave	0.5322	0.6421		12.1	10.0	20.7	30.0
Methylene Chloride	Ave	1.011	1.123		11.1	10.0	11.1	30.0
tert-Butyl alcohol	Ave	2.208	2.633		11.9	10.0	19.3	30.0
Methyl tert-butyl ether	Ave	3.658	4.742		13.0	10.0	29.6	30.0
trans-1,2-Dichloroethene	Ave	1.666	1.909		11.5	10.0	14.6	30.0
Acrylonitrile	Ave	0.6196	0.7190		11.6	10.0	16.0	30.0
Hexane	Ave	1.400	1.784		12.7	10.0	27.5	30.0
1,1-Dichloroethane	Ave	2.242	2.374		10.6	10.0	5.9	30.0
Vinyl acetate	Ave	2.083	2.635		12.6	10.0	26.5	30.0
cis-1,2-Dichloroethene	Ave	1.459	1.724		11.8	10.0	18.1	30.0
Methyl Ethyl Ketone	Ave	0.6148	0.6994		11.4	10.0	13.8	30.0
Ethyl acetate	Ave	0.1195	0.1357		11.4	10.0	13.5	30.0
Tetrahydrofuran	Ave	0.1892	0.2170		11.5	10.0	14.7	30.0
Chloroform	Ave	3.351	3.638		10.9	10.0	8.6	30.0
Cyclohexane	Ave	0.3651	0.4532		12.4	10.0	24.1	30.0
1,1,1-Trichloroethane	Ave	0.8347	0.9168		11.0	10.0	9.8	30.0
Carbon tetrachloride	Ave	0.9534	1.007		10.6	10.0	5.6	30.0
2,2,4-Trimethylpentane	Ave	0.9724	1.252		12.9	10.0	28.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68730/2 Calibration Date: 02/24/2014 11:15
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6282_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8714	0.9547		11.0	10.0	9.6	30.0
1,2-Dichloroethane	Ave	0.4411	0.4883		11.1	10.0	10.7	30.0
Heptane	Ave	0.3036	0.3911		12.9	10.0	28.8	30.0
n-Butanol	Ave	0.1081	0.1272		11.8	10.0	17.7	30.0
Trichloroethene	Ave	0.4486	0.5106		11.4	10.0	13.8	30.0
1,2-Dichloropropane	Ave	0.2654	0.2998		11.3	10.0	13.0	30.0
Methyl methacrylate	Ave	0.2752	0.3256		11.8	10.0	18.3	30.0
1,4-Dioxane	Ave	0.1525	0.1777		11.6	10.0	16.5	30.0
Dibromomethane	Ave	0.5502	0.5822		10.6	10.0	5.8	30.0
Bromodichloromethane	Ave	0.7680	0.8567		11.2	10.0	11.5	30.0
cis-1,3-Dichloropropene	Ave	0.4344	0.5551		12.8	10.0	27.8	30.0
methyl isobutyl ketone	Ave	0.4254	0.5089		12.0	10.0	19.6	30.0
n-Octane	Ave	0.4024	0.5120		12.7	10.0	27.3	30.0
Toluene	Ave	0.7252	0.8329		11.5	10.0	14.8	30.0
trans-1,3-Dichloropropene	Ave	0.4984	0.6129		12.3	10.0	23.0	30.0
1,1,2-Trichloroethane	Ave	0.3616	0.3910		10.8	10.0	8.1	30.0
Tetrachloroethene	Ave	0.9024	0.997		11.1	10.0	10.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4083	0.4867		11.9	10.0	19.2	30.0
Dibromochloromethane	Ave	1.004	1.145		11.4	10.0	14.0	30.0
1,2-Dibromoethane	Ave	0.7336	0.8423		11.5	10.0	14.8	30.0
Chlorobenzene	Ave	1.213	1.288		10.6	10.0	6.2	30.0
Ethylbenzene	Ave	1.694	1.978		11.7	10.0	16.7	30.0
n-Nonane	Ave	0.5654	0.6664		11.8	10.0	17.9	30.0
m,p-Xylene	Ave	0.6834	0.7756		22.7	20.0	13.5	30.0
Xylene, o-	Ave	0.6450	0.7908		12.3	10.0	22.6	30.0
Styrene	Ave	0.9570	1.167		12.2	10.0	22.0	30.0
Bromoform	Ave	1.010	1.150		11.4	10.0	13.9	30.0
Cumene	Ave	1.983	2.470		12.5	10.0	24.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9828	1.017		10.3	10.0	3.4	30.0
n-Propylbenzene	Ave	2.308	2.735		11.8	10.0	18.5	30.0
1,2,3-Trichloropropane	Ave	0.7563	0.8191		10.8	10.0	8.3	30.0
n-Decane	Ave	0.7915	0.8917		11.3	10.0	12.7	30.0
4-Ethyltoluene	Ave	2.208	2.495		11.3	10.0	13.0	30.0
2-Chlorotoluene	Ave	1.930	2.080		10.8	10.0	7.7	30.0
1,3,5-Trimethylbenzene	Ave	2.043	2.255		11.0	10.0	10.4	30.0
Alpha Methyl Styrene	Ave	0.8513	1.058		12.4	10.0	24.3	30.0
tert-Butylbenzene	Ave	1.984	2.251		11.3	10.0	13.5	30.0
1,2,4-Trimethylbenzene	Ave	1.950	2.189		11.2	10.0	12.2	30.0
sec-Butylbenzene	Ave	2.687	3.050		11.3	10.0	13.5	30.0
4-Isopropyltoluene	Ave	2.363	2.746		11.6	10.0	16.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Lab Sample ID: CCVIS 200-68730/2 Calibration Date: 02/24/2014 11:15
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6282_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.421	1.440		10.1	10.0	1.3	30.0
1,4-Dichlorobenzene	Ave	1.323	1.373		10.4	10.0	3.8	30.0
Benzyl chloride	Ave	1.188	1.338		11.3	10.0	12.6	30.0
n-Undecane	Ave	0.8026	0.7744		9.65	10.0	-3.5	30.0
n-Butylbenzene	Ave	1.792	1.806		10.1	10.0	0.7	30.0
1,2-Dichlorobenzene	Ave	1.383	1.324		9.57	10.0	-4.3	30.0
n-Dodecane	Ave	0.5251	0.4317		8.22	10.0	-17.8	30.0
1,2,4-Trichlorobenzene	Ave	0.7107	0.5396		7.59	10.0	-24.1	30.0
Hexachloro-1,3-butadiene	Ave	1.124	1.078		9.59	10.0	-4.1	30.0
Naphthalene	Ave	1.386	0.9729		7.02	10.0	-29.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6622	0.5592		8.44	10.0	-15.6	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_002.d
 Lims ID: CCVIS Lab Sample ID: VIBLK 200-68235/2-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 24-Feb-2014 11:15:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-002
 Misc. Info.: CCVIS
 Operator ID: bl Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 15:16:59 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.372	4.372	0.0	97	322086	11.9	
2 Dichlorodifluoromethane	85	4.463	4.463	0.0	99	2175598	11.6	
6 Chlorodifluoromethane	51	4.533	4.533	0.0	74	818742	11.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.816	4.816	0.0	87	1770026	11.1	
8 Chloromethane	50	5.009	5.009	0.0	100	374131	11.6	
9 Butane	43	5.276	5.276	0.0	94	585216	11.2	
10 Vinyl chloride	62	5.330	5.330	0.0	82	467057	10.0	
11 Butadiene	54	5.432	5.432	0.0	94	308382	10.8	
12 Bromomethane	94	6.304	6.304	0.0	98	489177	10.2	
13 BFB								
14 Chloroethane	64	6.582	6.582	0.0	99	261041	10.5	
15 2-Methylbutane	43	6.678	6.678	0.0	85	436027	10.9	
16 Vinyl bromide	106	7.069	7.069	0.0	96	735574	11.5	
17 Trichlorofluoromethane	101	7.186	7.186	0.0	98	2272659	10.8	
18 Pentane	43	7.347	7.347	0.0	93	687375	12.3	
19 Ethanol	45	7.802	7.802	0.0	99	207339	17.7	
21 Ethyl ether	59	7.930	7.930	0.0	92	356286	12.2	
22 Acrolein	56	8.401	8.401	0.0	97	145922	11.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.438	8.438	0.0	93	1408058	10.7	
24 1,1-Dichloroethene	96	8.508	8.508	0.0	95	663920	11.7	
25 Acetone	43	8.743	8.743	0.0	88	699914	11.7	
26 Carbon disulfide	76	8.995	8.995	0.0	99	1460996	11.2	
27 Isopropyl alcohol	45	9.027	9.027	0.0	97	606230	12.1	
29 3-Chloro-1-propene	41	9.396	9.396	0.0	82	507698	12.6	
30 Acetonitrile	41	9.530	9.530	0.0	98	263565	12.1	
31 Methylene Chloride	49	9.727	9.727	0.0	80	461124	11.1	
32 2-Methyl-2-propanol	59	9.899	9.899	0.0	98	1080891	11.9	
33 Methyl tert-butyl ether	73	10.155	10.155	0.0	94	1946490	13.0	
S 41 1,2-Dichloroethene, Total	61				0		23.3	
34 trans-1,2-Dichloroethene	61	10.230	10.230	0.0	89	783549	11.5	
35 Acrylonitrile	53	10.375	10.375	0.0	92	295151	11.6	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
36	Hexane		57	10.642	10.642	0.0	89	732326	12.7
37	1,1-Dichloroethane		63	11.193	11.193	0.0	99	974559	10.6
38	Vinyl acetate		43	11.231	11.231	0.0	99	1081832	12.6
39	cis-1,2-Dichloroethene		96	12.370	12.370	0.0	97	707729	11.8
40	2-Butanone (MEK)		72	12.386	12.386	0.0	100	287103	11.4
42	Ethyl acetate		88	12.408	12.408	0.0	98	55708	11.4
44	Tetrahydrofuran		42	12.846	12.846	0.0	87	423874	11.5
*	43 Chlorobromomethane		128	12.857	12.857	0.0	68	410568	10.0
45	Chloroform		83	12.959	12.959	0.0	99	1493215	10.9
46	Cyclohexane		84	13.258	13.258	0.0	82	885214	12.4
47	1,1,1-Trichloroethane		97	13.269	13.269	0.0	95	1790576	11.0
48	Carbon tetrachloride		117	13.531	13.531	0.0	98	1966470	10.6
51	Isooctane		57	13.927	13.927	0.0	97	2445925	12.9
50	Benzene		78	13.980	13.980	0.0	93	1864693	11.0
52	1,2-Dichloroethane		62	14.141	14.141	0.0	99	953730	11.1
53	n-Heptane		43	14.275	14.275	0.0	82	763814	12.9
*	54 1,4-Difluorobenzene		114	14.740	14.740	0.0	93	1953552	10.0
A	57 GRO		1	14.767	6.668 - 22.866		0	261058062	0
55	n-Butanol		56	15.018	15.018	0.0	85	248528	11.8
56	Trichloroethene		95	15.206	15.206	0.0	95	997335	11.4
58	1,2-Dichloropropane		63	15.730	15.730	0.0	84	585612	11.3
59	Methyl methacrylate		69	15.810	15.810	0.0	76	635968	11.8
60	1,4-Dioxane		88	15.896	15.896	0.0	84	347021	11.6
61	Dibromomethane		174	15.971	15.971	0.0	88	1137037	10.6
62	Dichlorobromomethane		83	16.217	16.217	0.0	98	1673272	11.2
A	63 TVOC as Toluene		1	16.572	4.362 - 28.782		0	437681100	3089.4
64	cis-1,3-Dichloropropene		75	17.083	17.083	0.0	90	1084201	12.8
65	4-Methyl-2-pentanone (MIBK)		43	17.319	17.319	0.0	90	994000	12.0
69	n-Octane		43	17.650	17.650	0.0	79	1000083	12.7
A	68 C8 Range		1	17.650	17.600 - 17.700		0	10624338	NC
66	Toluene		92	17.656	17.656	0.0	93	1480049	11.5
A	67 Toluene Range		1	17.656	17.616 - 17.696		0	10624338	NC
70	trans-1,3-Dichloropropene		75	18.185	18.185	0.0	95	1197029	12.3
71	1,1,2-Trichloroethane		83	18.560	18.560	0.0	92	694818	10.8
72	Tetrachloroethene		166	18.694	18.694	0.0	98	1772466	11.1
73	2-Hexanone		43	18.945	18.945	0.0	90	864953	11.9
74	Chlorodibromomethane		129	19.314	19.314	0.0	97	2034967	11.4
75	Ethylene Dibromide		107	19.598	19.598	0.0	99	1496784	11.5
S	82 Xylenes, Total		106				0		35.0
*	76 Chlorobenzene-d5		117	20.443	20.443	0.0	84	1777392	10.0
77	Chlorobenzene		112	20.502	20.502	0.0	96	2288555	10.6
78	Ethylbenzene		91	20.614	20.614	0.0	97	3514626	11.7
79	n-Nonane		57	20.673	20.673	0.0	78	1184208	11.8
80	m-Xylene & p-Xylene		106	20.828	20.828	0.0	100	2756610	22.7
83	o-Xylene		106	21.545	21.545	0.0	94	1405279	12.3
84	Styrene		104	21.582	21.582	0.0	95	2074011	12.2
85	Bromoform		173	21.957	21.957	0.0	99	2043809	11.4
86	Isopropylbenzene		105	22.107	22.107	0.0	95	4390167	12.5
\$	87 4-Bromofluorobenzene		95	22.444	22.444	0.0	97	1277037	NC
88	1,1,2,2-Tetrachloroethane		83	22.668	22.668	0.0	94	1806474	10.3
90	N-Propylbenzene		91	22.743	22.743	0.0	98	4859368	11.8
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	86	1455584	10.8

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	22.856	22.856	0.0	82	1584521	11.3
91	4-Ethyltoluene		105	22.909	22.909	0.0	96	4434383	11.3
92	2-Chlorotoluene		91	22.941	22.941	0.0	92	3695684	10.8
94	1,3,5-Trimethylbenzene		105	23.000	23.000	0.0	92	4007403	11.0
95	Alpha Methyl Styrene		118	23.348	23.348	0.0	89	1880784	12.4
96	tert-Butylbenzene		119	23.476	23.476	0.0	93	4000786	11.3
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	97	3889320	11.2
98	sec-Butylbenzene		105	23.808	23.808	0.0	97	5420035	11.3
99	4-Isopropyltoluene		119	24.011	24.011	0.0	88	4879783	11.6
100	1,3-Dichlorobenzene		146	24.075	24.075	0.0	97	2558548	10.1
101	1,4-Dichlorobenzene		146	24.220	24.220	0.0	96	2440277	10.4
102	Benzyl chloride		91	24.428	24.428	0.0	99	2376993	11.3
104	Undecane		57	24.616	24.616	0.0	90	1376086	9.65
103	n-Butylbenzene		91	24.642	24.642	0.0	97	3208822	10.1
105	1,2-Dichlorobenzene		146	24.819	24.819	0.0	98	2353260	9.57
106	Dodecane		57	26.381	26.381	0.0	89	767073	8.22
107	1,2,4-Trichlorobenzene		180	27.644	27.644	0.0	94	958816	7.59
108	Hexachlorobutadiene		225	27.842	27.842	0.0	94	1915039	9.59
109	Naphthalene		128	28.221	28.221	0.0	99	1728934	7.02
110	1,2,3-Trichlorobenzene		180	28.772	28.772	0.0	94	993692	8.44

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_002.d

Injection Date: 24-Feb-2014 11:15:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: CCVIS

Lab Sample ID: VIBLK 200-68235/2-A

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

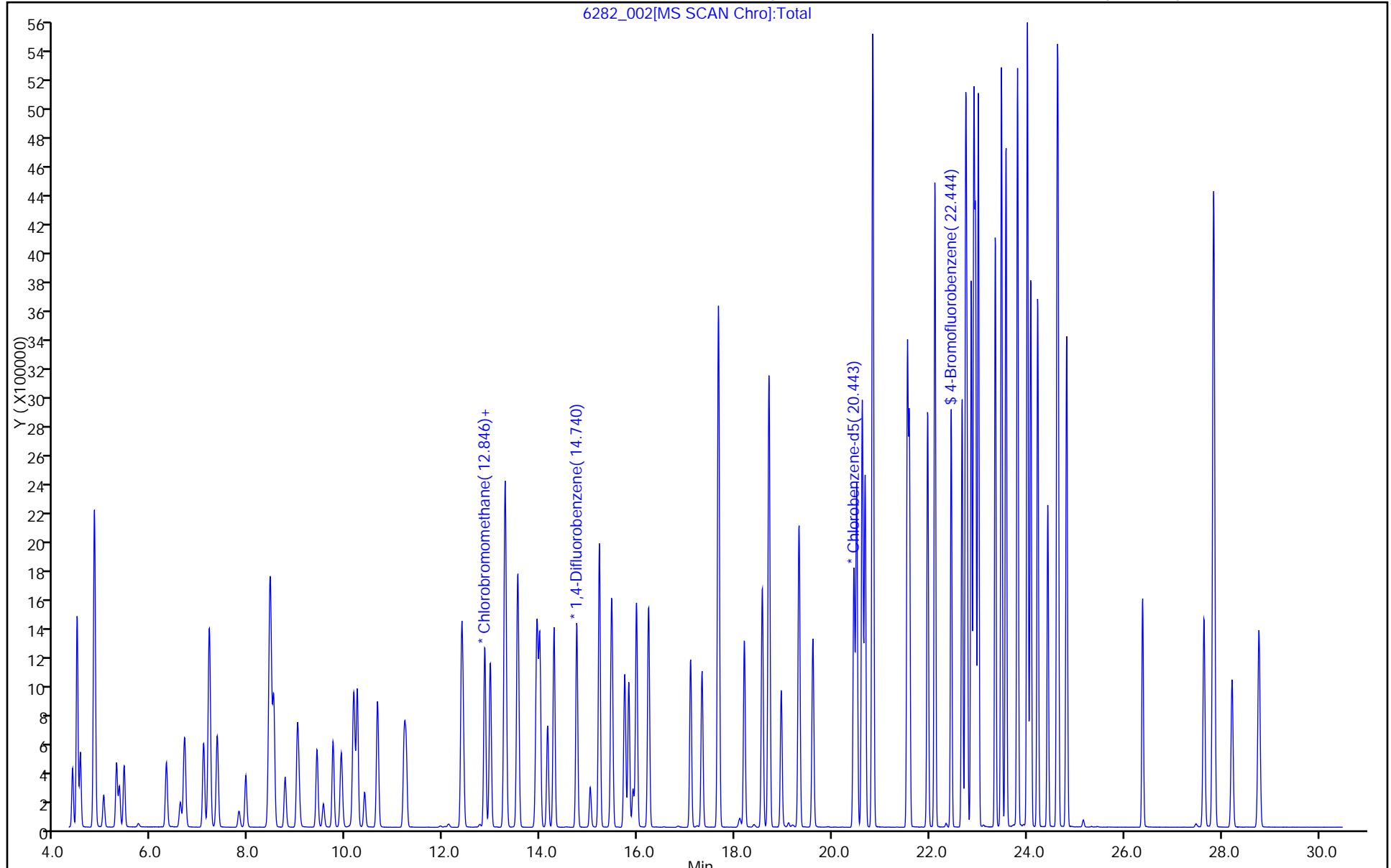
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

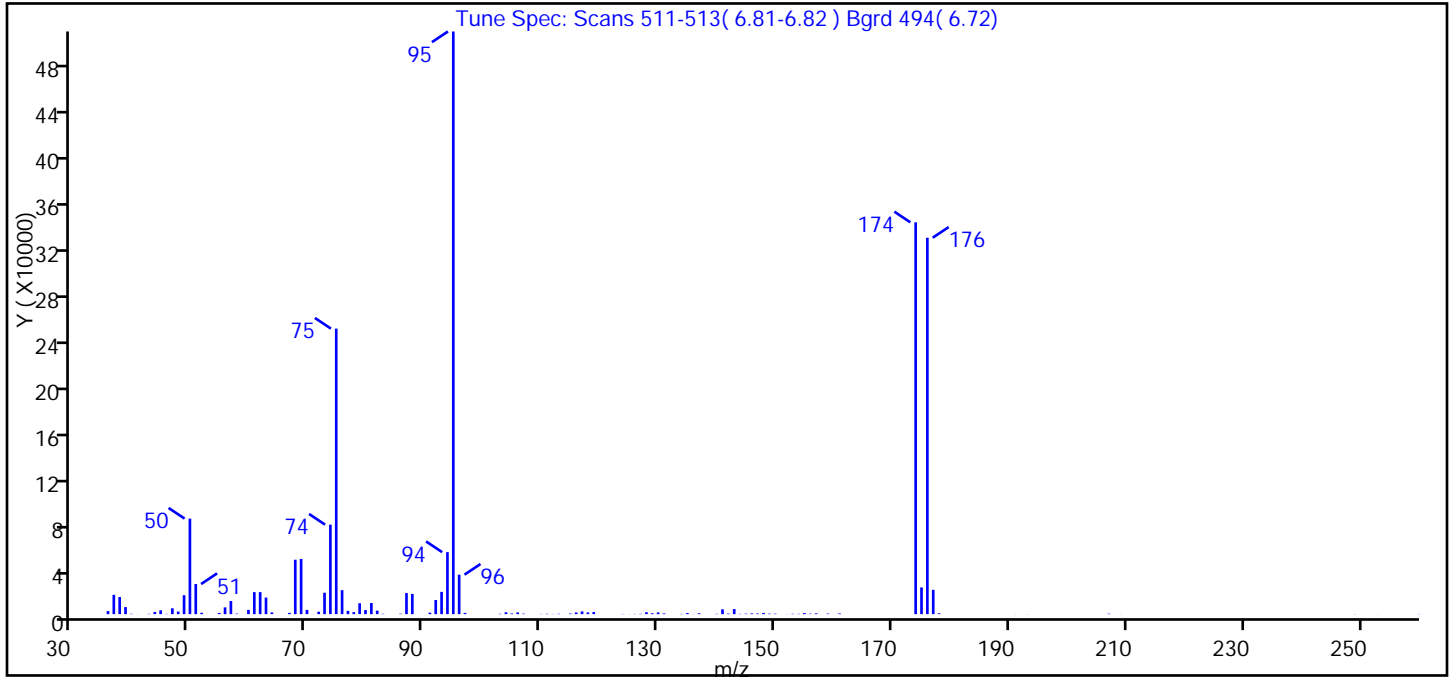
Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 03-Jan-2014 07:37:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005623-001
 Misc. Info.: bfb
 Operator ID: pad Instrument ID: CHC.i
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Jan-2014 12:19:28 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK033

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
18 BFB								
* 43 Chlorobromomethane	128	10.936						
* 54 1,4-Difluorobenzene	114	13.006						
* 76 Chlorobenzene-d5	117	19.149						
\$ 87 4-Bromofluorobenzene	95	21.401						

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma001.D
 Injection Date: 03-Jan-2014 07:37:30 Instrument ID: CHC.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: pad ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

18 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.40
75	30.00 - 66.00% of mass 95	49.00
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	67.20
175	4.00 - 9.00% of mass 174	4.60 (6.80)
176	93.00 - 101.00% of mass 174	64.60 (96.10)
177	5.00 - 9.00% of mass 176	4.20 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma001.D\TO15_LLNJ_TO3_CHC.rsl\spectra.d
 Injection Date: 03-Jan-2014 07:37:30
 Spectrum: Tune Spec: Scans 511-513(6.81-6.82) Bgrd 494(6.72)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2627	70.00	3648	107.00	417	146.00	658
37.00	16616	71.00	79	110.00	188	147.00	559
38.00	14742	72.00	2101	111.00	328	148.00	1038
39.00	6074	73.00	18408	112.00	153	149.00	434
40.00	322	74.00	76960	113.00	328	150.00	417
41.00	64	75.00	245504	115.00	496	152.00	86
43.00	294	76.00	20632	116.00	1457	153.00	322
44.00	1870	77.00	2814	117.00	2328	154.00	286
45.00	3299	78.00	1728	118.00	1486	155.00	947
46.00	252	79.00	9371	119.00	1831	156.00	374
47.00	5027	80.00	3558	124.00	170	157.00	682
48.00	2196	81.00	9566	125.00	71	159.00	473
49.00	16281	82.00	3012	126.00	166	161.00	587
50.00	82144	83.00	325	127.00	265	174.00	336896
51.00	25880	86.00	391	128.00	1603	175.00	22984
52.00	1206	87.00	18152	129.00	787	176.00	323648
55.00	1058	88.00	17376	130.00	1499	177.00	20928
56.00	5830	91.00	1296	131.00	656	178.00	725
57.00	11281	92.00	12141	134.00	228	191.00	83
58.00	437	93.00	19160	135.00	943	193.00	76
60.00	3689	94.00	53320	136.00	71	207.00	388
61.00	18912	95.00	500992	137.00	736	209.00	73
62.00	18936	96.00	33936	140.00	277	232.00	4
63.00	14259	97.00	1106	141.00	4179	249.00	105
64.00	1505	103.00	329	142.00	493	253.00	44
67.00	1096	104.00	1602	143.00	4380	260.00	161
68.00	46768	105.00	606	144.00	230		
69.00	47456	106.00	1491	145.00	413		

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_01.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 26-Feb-2014 11:15:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006343-001
 Misc. Info.: bfb
 Operator ID: wrd Instrument ID: CHC.i
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 12:25:38 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

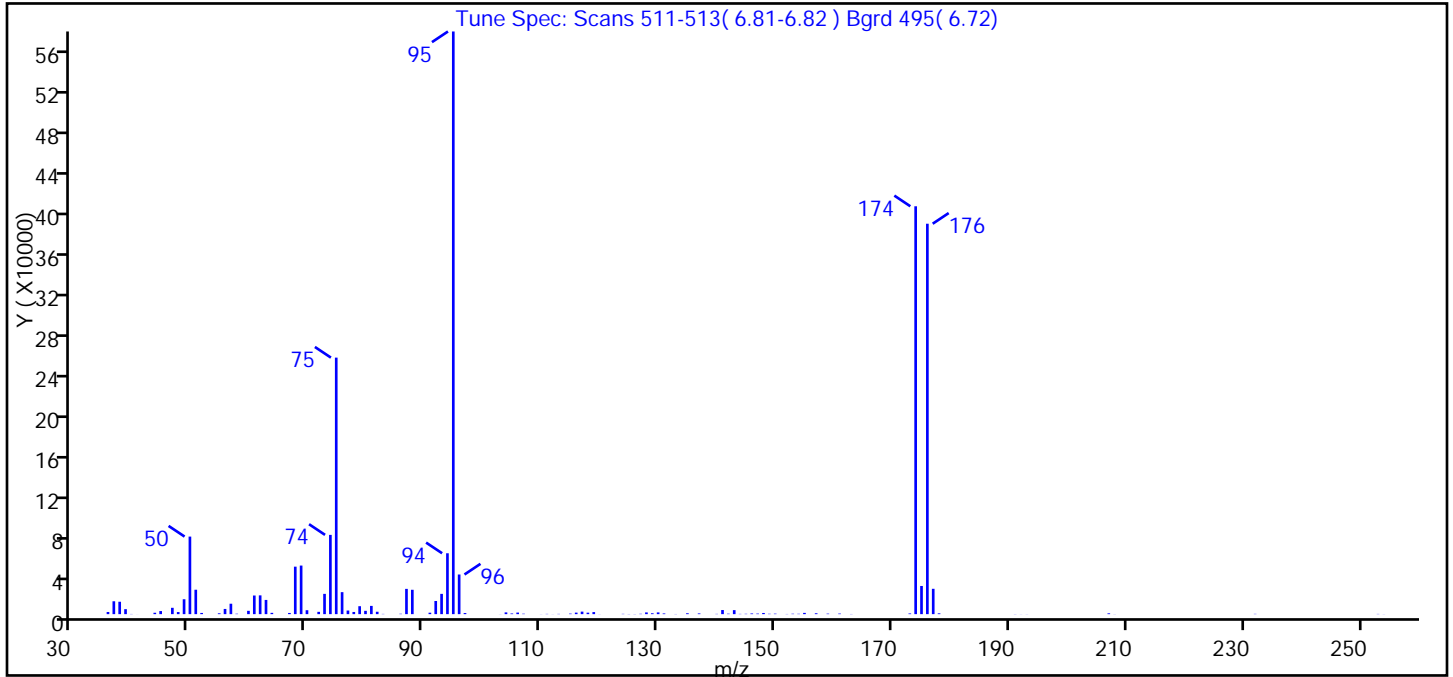
First Level Reviewer: desjardinsb Date: 26-Feb-2014 12:25:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
24 BFB								
* 43 Chlorobromomethane	128	10.925						
* 54 1,4-Difluorobenzene	114	12.990						
* 76 Chlorobenzene-d5	117	19.133						
\$ 87 4-Bromofluorobenzene	95	21.391						

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_01.D
 Injection Date: 26-Feb-2014 11:15:30 Instrument ID: CHC.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_CHC Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

24 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.30
75	30.00 - 66.00% of mass 95	44.00
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.10 (0.20)
174	50.00 - 120.00% of mass 95	70.00
175	4.00 - 9.00% of mass 174	4.80 (6.90)
176	93.00 - 101.00% of mass 174	67.00 (95.70)
177	5.00 - 9.00% of mass 176	4.30 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_01.D\TO15_LLNJ_TO3_CHC.rsl\spectra.d
Injection Date: 26-Feb-2014 11:15:30
Spectrum: Tune Spec: Scans 511-513(6.81-6.82) Bgrd 495(6.72)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2123	72.00	2261	110.00	74	146.00	679
37.00	12654	73.00	19928	111.00	248	147.00	546
38.00	12183	74.00	77896	112.00	66	148.00	1150
39.00	4906	75.00	252096	113.00	251	149.00	351
40.00	182	76.00	21608	115.00	519	150.00	476
41.00	38	77.00	3554	116.00	1498	152.00	174
44.00	1355	78.00	2140	117.00	2475	153.00	405
45.00	3024	79.00	7816	118.00	1450	154.00	348
47.00	6227	80.00	3244	119.00	2017	155.00	1234
48.00	2050	81.00	8103	120.00	76	157.00	862
49.00	14642	82.00	2346	124.00	287	159.00	498
50.00	76216	83.00	232	125.00	149	161.00	564
51.00	23992	86.00	370	126.00	139	163.00	158
52.00	1189	87.00	24832	127.00	339	173.00	677
55.00	825	88.00	23944	128.00	1701	174.00	400832
56.00	5109	91.00	1415	129.00	873	175.00	27672
57.00	10240	92.00	12921	130.00	1711	176.00	383680
58.00	401	93.00	19920	131.00	698	177.00	24904
60.00	3259	94.00	59832	133.00	155	178.00	788
61.00	18312	95.00	572608	135.00	874	191.00	126
62.00	18456	96.00	38960	137.00	709	192.00	67
63.00	13962	97.00	1080	140.00	256	193.00	83
64.00	1281	103.00	72	141.00	4053	207.00	790
67.00	1158	104.00	1723	142.00	444	208.00	96
68.00	46664	105.00	674	143.00	3940	232.00	283
69.00	47744	106.00	1545	144.00	253	253.00	222
70.00	3853	107.00	434	145.00	336	254.00	83

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 20-Feb-2014 12:20:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-001
 Misc. Info.: BFB
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:43:57 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

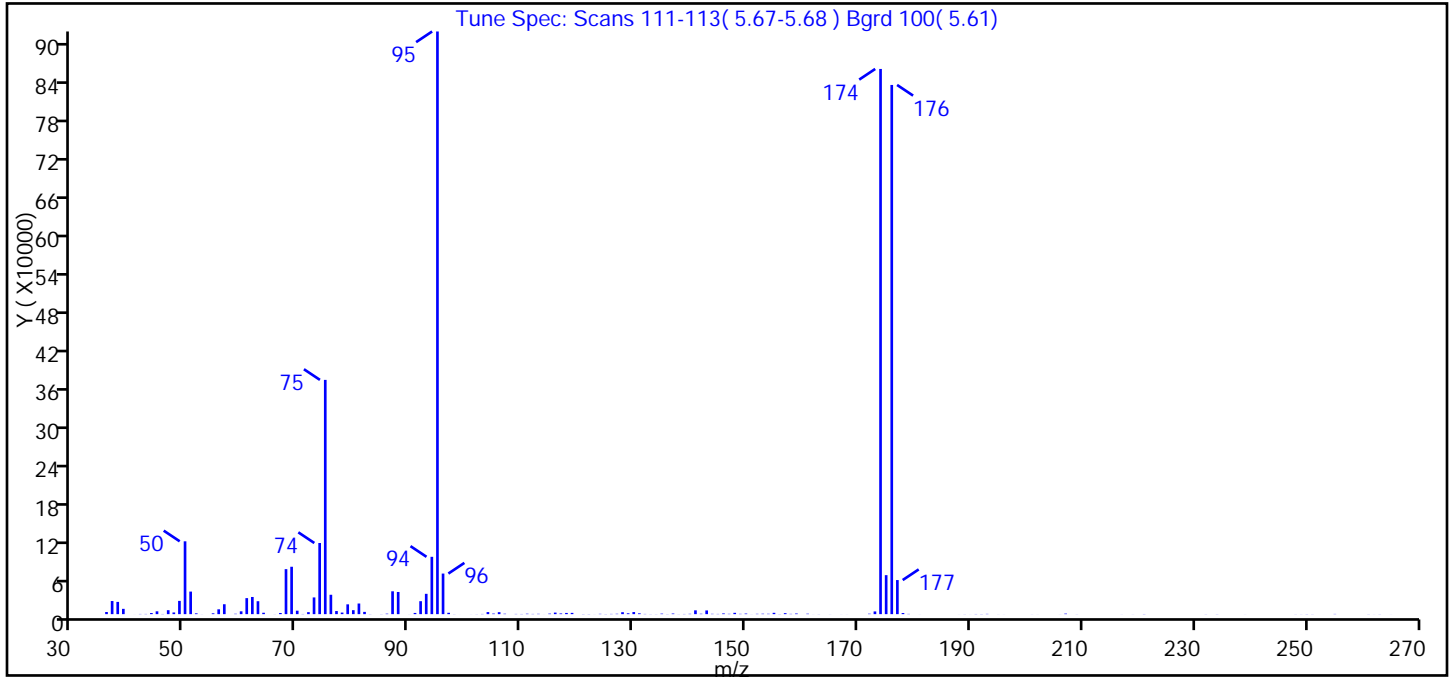
First Level Reviewer: daiglep Date: 21-Feb-2014 12:08:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128		10.563					
* 54 1,4-Difluorobenzene	114		12.628					
* 76 Chlorobenzene-d5	117		18.786					
\$ 87 4-Bromofluorobenzene	95		21.108					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D
 Injection Date: 20-Feb-2014 12:20:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.50
75	30.00 - 66.00% of mass 95	40.20
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.50 (0.50)
174	50.00 - 120.00% of mass 95	93.60
175	4.00 - 9.00% of mass 174	6.70 (7.20)
176	93.00 - 101.00% of mass 174	90.80 (97.10)
177	5.00 - 9.00% of mass 176	5.80 (6.40)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d
Injection Date: 20-Feb-2014 12:20:30
Spectrum: Tune Spec: Scans 111-113(5.67-5.68) Bgrd 100(5.61)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3367	80.00	6227	125.00	195	168.00	59
37.00	20608	81.00	16712	126.00	363	172.00	676
38.00	19232	82.00	3556	127.00	575	173.00	4259
39.00	8327	83.00	178	128.00	3045	174.00	856768
41.00	49	85.00	149	129.00	1355	175.00	61280
42.00	298	86.00	731	130.00	3272	176.00	831616
43.00	319	87.00	35880	131.00	1265	177.00	53560
44.00	1764	88.00	34824	132.00	326	178.00	1751
45.00	4446	90.00	69	133.00	146	179.00	370
46.00	269	91.00	1887	134.00	141	181.00	55
47.00	6194	92.00	20352	135.00	804	188.00	52
48.00	2629	93.00	31936	136.00	177	189.00	136
49.00	20832	94.00	90080	137.00	969	190.00	53
50.00	114456	95.00	915648	138.00	123	191.00	251
51.00	35448	96.00	63776	139.00	282	192.00	205
52.00	1266	97.00	2130	140.00	506	193.00	416
53.00	82	98.00	139	141.00	5963	195.00	67
55.00	1317	99.00	31	142.00	617	196.00	58
56.00	7593	101.00	56	143.00	5809	201.00	86
57.00	15575	102.00	134	144.00	488	202.00	51
59.00	588	103.00	310	145.00	348	206.00	63
60.00	4442	104.00	3258	146.00	1129	207.00	828
61.00	25168	105.00	904	147.00	492	209.00	114
62.00	26968	106.00	3104	148.00	2079	217.00	78
63.00	20328	107.00	646	149.00	456	219.00	84
64.00	2200	109.00	331	150.00	913	221.00	240
66.00	104	110.00	269	151.00	75	232.00	143
67.00	1801	111.00	660	152.00	499	234.00	165
68.00	70712	112.00	331	153.00	658	239.00	62
69.00	74464	113.00	491	154.00	561	248.00	118
70.00	5419	114.00	50	155.00	2092	249.00	97
71.00	264	115.00	820	156.00	185	250.00	192
72.00	3137	116.00	2432	157.00	1542	251.00	127

Report Date: 25-Feb-2014 11:43:58

Chrom Revision: 2.2 06-Feb-2014 15:19:06

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d

Injection Date: 20-Feb-2014 12:20:30

Spectrum: Tune Spec: Scans 111-113(5.67-5.68) Bgrd 100(5.61)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	26272	117.00	1125	158.00	421	253.00	13
74.00	111792	118.00	1885	159.00	978	255.00	344
75.00	368128	119.00	1996	161.00	681	261.00	143
76.00	30456	121.00	219	162.00	54	262.00	64
77.00	4870	122.00	206	163.00	132	263.00	140
78.00	2471	123.00	62	165.00	87	265.00	52
79.00	15416	124.00	477	167.00	59		

TestAmerica Burlington
Target Compound Quantitation Report

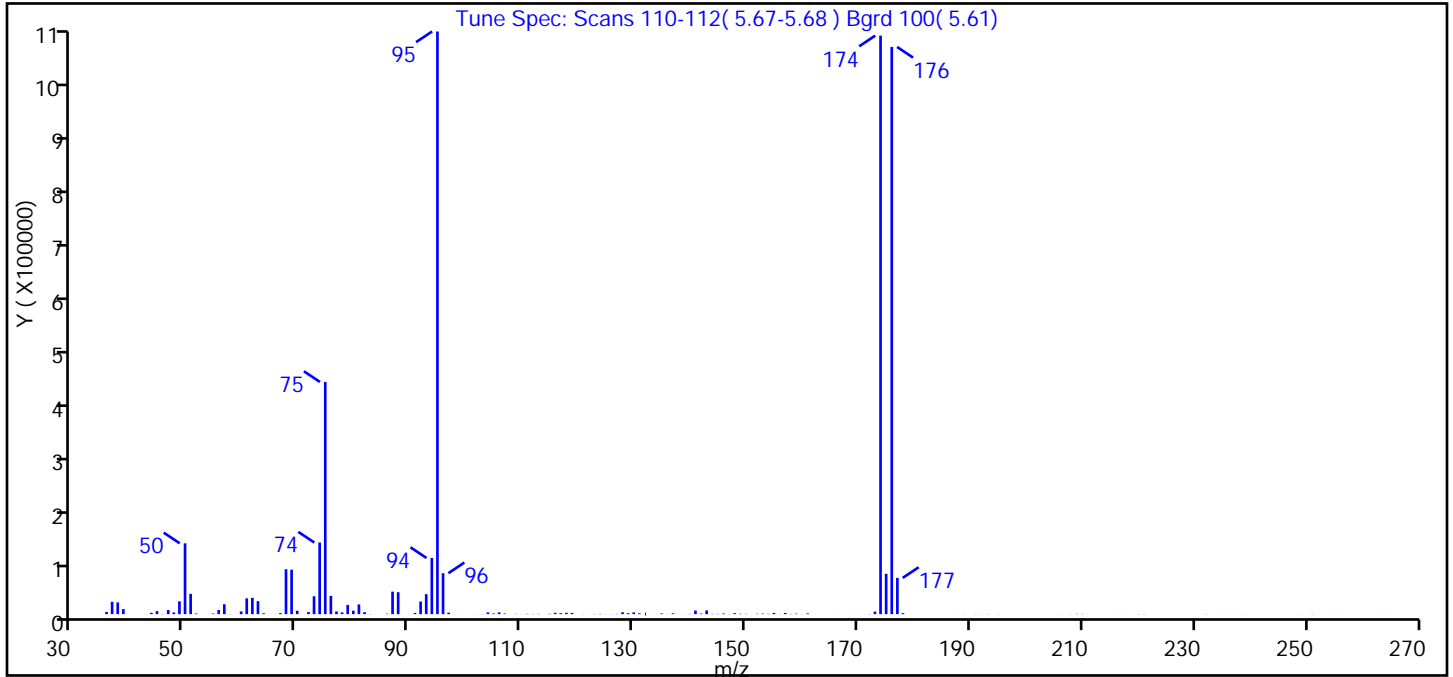
Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 21-Feb-2014 11:00:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-001
 Misc. Info.: bfb
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:07 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128		10.563					
* 54 1,4-Difluorobenzene	114		12.623					
* 76 Chlorobenzene-d5	117		18.786					
\$ 87 4-Bromofluorobenzene	95		21.107					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D
 Injection Date: 21-Feb-2014 11:00:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.20
75	30.00 - 66.00% of mass 95	39.80
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.40 (0.40)
174	50.00 - 120.00% of mass 95	99.30
175	4.00 - 9.00% of mass 174	6.90 (7.00)
176	93.00 - 101.00% of mass 174	97.30 (98.00)
177	5.00 - 9.00% of mass 176	6.20 (6.40)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d
 Injection Date: 21-Feb-2014 11:00:30
 Spectrum: Tune Spec: Scans 110-112(5.67-5.68) Bgrd 100(5.61)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	50	80.00	6333	126.00	226	171.00	109
36.00	4048	81.00	17896	127.00	450	172.00	321
37.00	22768	82.00	3634	128.00	3390	173.00	4759
38.00	21584	83.00	338	129.00	1836	174.00	1066496
39.00	9261	84.00	52	130.00	3239	175.00	74368
41.00	44	86.00	794	131.00	1579	176.00	1045632
43.00	135	87.00	41448	132.00	1	177.00	66816
44.00	2480	88.00	40408	133.00	13	178.00	1902
45.00	5529	91.00	2255	134.00	172	183.00	53
46.00	334	92.00	23328	135.00	1232	187.00	83
47.00	7574	93.00	36816	136.00	167	189.00	147
48.00	3108	94.00	103528	137.00	1580	191.00	222
49.00	23608	95.00	1074176	138.00	50	192.00	142
50.00	130592	96.00	75464	139.00	130	193.00	281
51.00	37400	97.00	2680	140.00	508	194.00	27
52.00	1233	98.00	126	141.00	6663	195.00	173
55.00	1122	100.00	52	142.00	1046	196.00	51
56.00	7604	102.00	140	143.00	6854	206.00	130
57.00	18272	103.00	239	144.00	486	208.00	171
58.00	287	104.00	3260	145.00	507	209.00	519
60.00	4980	105.00	1239	146.00	1265	210.00	362
61.00	29128	106.00	3242	147.00	199	216.00	74
62.00	30112	107.00	1124	148.00	1814	218.00	105
63.00	23880	109.00	390	149.00	704	220.00	193
64.00	1629	110.00	187	150.00	530	221.00	252
66.00	91	111.00	617	151.00	73	232.00	285
67.00	1869	112.00	353	152.00	675	234.00	75
68.00	82824	113.00	503	153.00	924	236.00	65
69.00	82016	115.00	621	154.00	613	238.00	140
70.00	6280	116.00	2442	155.00	2324	239.00	138
71.00	50	117.00	1773	156.00	197	241.00	54
72.00	3824	118.00	2482	157.00	2248	247.00	10
73.00	32976	119.00	2323	158.00	444	249.00	94

Report Date: 24-Feb-2014 11:38:07

Chrom Revision: 2.2 06-Feb-2014 15:19:06

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d

Injection Date: 21-Feb-2014 11:00:30

Spectrum: Tune Spec: Scans 110-112(5.67-5.68) Bgrd 100(5.61)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	131968	120.00	28	159.00	915	251.00	271
75.00	428032	121.00	190	160.00	173	252.00	57
76.00	33712	122.00	91	161.00	1335	255.00	74
77.00	4946	123.00	280	163.00	47	256.00	129
78.00	3250	124.00	565	166.00	65	263.00	56
79.00	17080	125.00	195	169.00	61	265.00	69

TestAmerica Burlington
Target Compound Quantitation Report

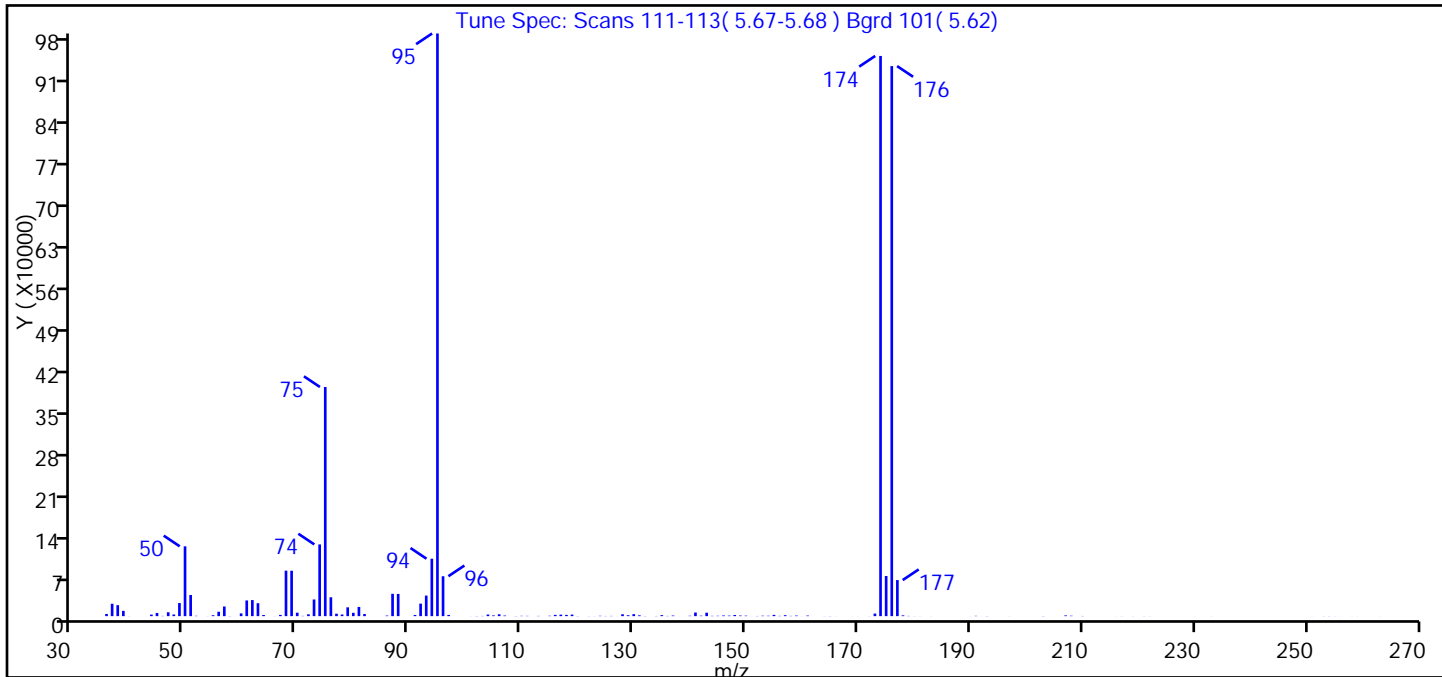
Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 25-Feb-2014 11:56:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006318-001
 Misc. Info.: BFB
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 11:33:21 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128	10.563						
* 54 1,4-Difluorobenzene	114	12.623						
* 76 Chlorobenzene-d5	117	18.791						
\$ 87 4-Bromofluorobenzene	95	21.113						

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_001.D
 Injection Date: 25-Feb-2014 11:56:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.00
75	30.00 - 66.00% of mass 95	39.30
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	96.10
175	4.00 - 9.00% of mass 174	6.90 (7.20)
176	93.00 - 101.00% of mass 174	94.40 (98.20)
177	5.00 - 9.00% of mass 176	6.20 (6.60)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d
Injection Date: 25-Feb-2014 11:56:30
Spectrum: Tune Spec: Scans 111-113(5.67-5.68) Bgrd 101(5.62)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 152

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3704	77.00	4136	126.00	370	170.00	64
37.00	20928	78.00	2759	127.00	67	172.00	141
38.00	18528	79.00	14889	128.00	3142	173.00	4340
39.00	8898	80.00	5648	129.00	1561	174.00	946112
40.00	137	81.00	15593	130.00	3371	175.00	67800
43.00	37	82.00	3570	131.00	1386	176.00	928960
44.00	2617	83.00	34	132.00	245	177.00	60920
45.00	5350	86.00	995	134.00	274	178.00	1342
46.00	397	87.00	37760	135.00	1714	179.00	366
47.00	6558	88.00	37520	136.00	355	180.00	136
48.00	2800	91.00	1938	137.00	1022	181.00	107
49.00	22144	92.00	21152	138.00	53	183.00	98
50.00	117936	93.00	34744	140.00	644	190.00	105
51.00	35696	94.00	97000	141.00	6076	191.00	500
52.00	573	95.00	984064	142.00	791	192.00	49
53.00	15	96.00	67408	143.00	5789	193.00	236
54.00	120	97.00	2051	144.00	493	197.00	104
55.00	1554	101.00	101	145.00	614	203.00	278
56.00	7408	102.00	279	146.00	1149	207.00	1245
57.00	16298	103.00	339	147.00	895	208.00	707
58.00	254	104.00	2704	148.00	1922	210.00	308
59.00	61	105.00	1289	149.00	1011	216.00	52
60.00	4630	106.00	3123	150.00	834	217.00	131
61.00	26504	107.00	1053	151.00	78	219.00	119
62.00	27128	109.00	258	152.00	303	221.00	128
63.00	21872	110.00	515	153.00	719	222.00	112
64.00	1932	111.00	456	154.00	642	230.00	57
66.00	111	113.00	382	155.00	2152	233.00	103
67.00	2062	115.00	645	156.00	454	235.00	24
68.00	76816	116.00	2128	157.00	1609	251.00	66
69.00	76656	117.00	2544	158.00	421	253.00	139
70.00	5820	118.00	2136	159.00	981	254.00	170
71.00	432	119.00	2655	160.00	65	255.00	97

Report Date: 26-Feb-2014 11:33:21

Chrom Revision: 2.2 06-Feb-2014 15:19:06

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_001.D\TO15_LLNJ_TO3_G.rslt\spectra.d

Injection Date: 25-Feb-2014 11:56:30

Spectrum: Tune Spec: Scans 111-113(5.67-5.68) Bgrd 101(5.62)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 152

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	3124	120.00	212	161.00	964	256.00	52
73.00	28176	122.00	154	164.00	117	258.00	62
74.00	121144	123.00	129	165.00	202	259.00	60
75.00	387008	124.00	553	166.00	81	261.00	19
76.00	31880	125.00	301	169.00	69	263.00	52

TestAmerica Burlington
 Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6099_001.d
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 11-Feb-2014 16:00:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006099-001
 Misc. Info.: BFB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 12:46:49 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

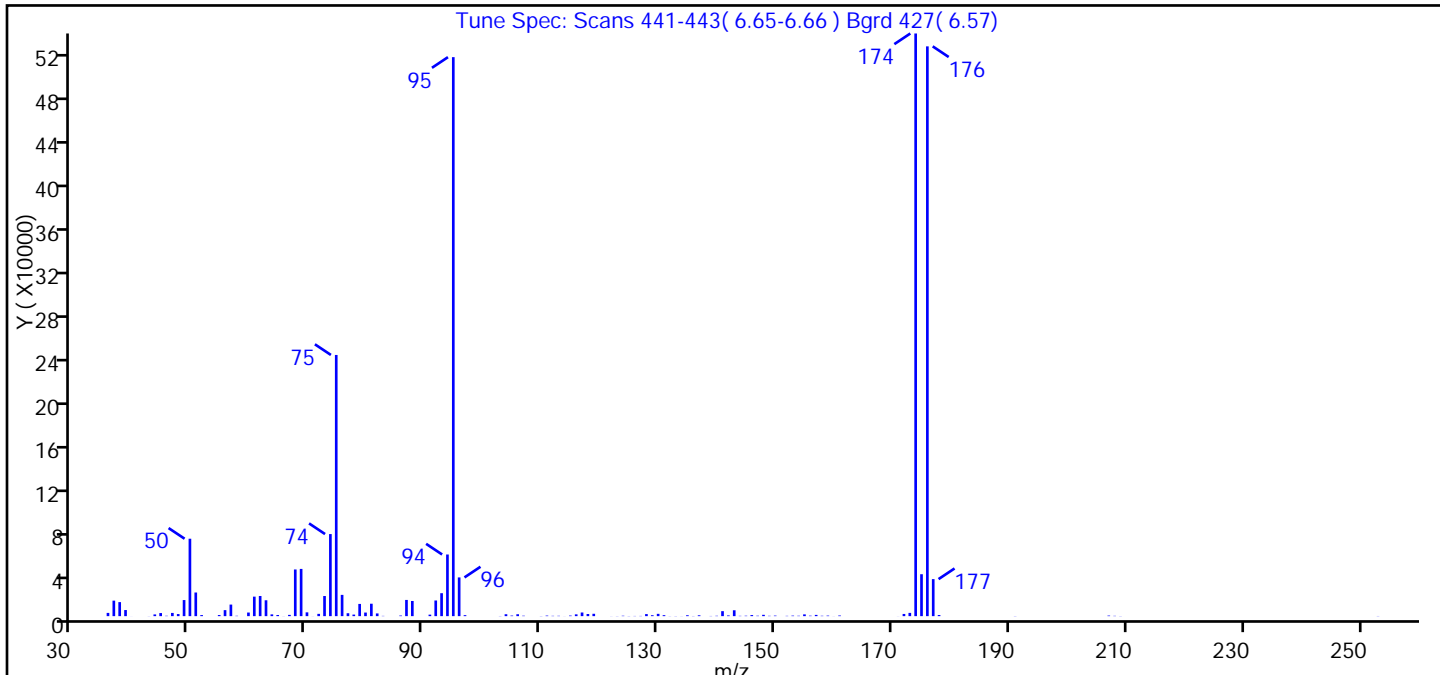
First Level Reviewer: lyonsb Date: 12-Feb-2014 12:46:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128		12.852					
* 54 1,4-Difluorobenzene	114		14.745					
* 76 Chlorobenzene-d5	117		20.443					
\$ 87 4-Bromofluorobenzene	95		22.444					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6099_001.d
 Injection Date: 11-Feb-2014 16:00:30 Instrument ID: CHW.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: PAD ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.80
75	30.00 - 66.00% of mass 95	46.70
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.60 (0.60)
174	50.00 - 120.00% of mass 95	104.20
175	4.00 - 9.00% of mass 174	7.50 (7.20)
176	93.00 - 101.00% of mass 174	101.90 (97.80)
177	5.00 - 9.00% of mass 176	6.60 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6099_001.d\TO15_LLNJ_TO3_W_(v1).rsf\spectra.d
 Injection Date: 11-Feb-2014 16:00:30
 Spectrum: Tune Spec: Scans 441-443(6.65-6.66) Bgrd 427(6.57)
 Base Peak: 174.00
 Minimum % Base Peak: 0
 Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2973	71.00	52	112.00	282	145.00	383
37.00	14243	72.00	2103	113.00	308	146.00	989
38.00	12893	73.00	18496	114.00	51	147.00	384
39.00	5605	74.00	75440	115.00	521	148.00	1222
40.00	37	75.00	240064	116.00	1649	149.00	298
43.00	84	76.00	19544	117.00	3350	150.00	493
44.00	1576	77.00	2681	118.00	1970	152.00	268
45.00	2833	78.00	1433	119.00	2172	153.00	480
46.00	337	79.00	11232	122.00	68	154.00	351
47.00	2955	80.00	3295	123.00	108	155.00	1616
48.00	1917	81.00	11418	124.00	364	156.00	428
49.00	14784	82.00	2494	125.00	134	157.00	1135
50.00	71152	83.00	232	126.00	180	158.00	339
51.00	21728	86.00	559	127.00	203	159.00	498
52.00	969	87.00	14891	128.00	1887	160.00	55
55.00	995	88.00	13928	129.00	835	161.00	581
56.00	5523	91.00	1374	130.00	2115	171.00	54
57.00	10632	92.00	14389	131.00	891	172.00	2014
58.00	324	93.00	21096	132.00	93	173.00	2988
60.00	3313	94.00	56664	133.00	127	174.00	535552
61.00	17928	95.00	513792	134.00	71	175.00	38536
62.00	18520	96.00	35592	135.00	806	176.00	523712
63.00	14591	97.00	911	136.00	144	177.00	34032
64.00	1614	103.00	141	137.00	771	178.00	1020
65.00	1027	104.00	1756	139.00	172	191.00	132
66.00	69	105.00	525	140.00	323	207.00	513
67.00	1159	106.00	1751	141.00	4581	208.00	274
68.00	42896	107.00	391	142.00	643	209.00	124
69.00	43408	110.00	128	143.00	5401	253.00	142
70.00	3488	111.00	507	144.00	274		

TestAmerica Burlington
 Target Compound Quantitation Report

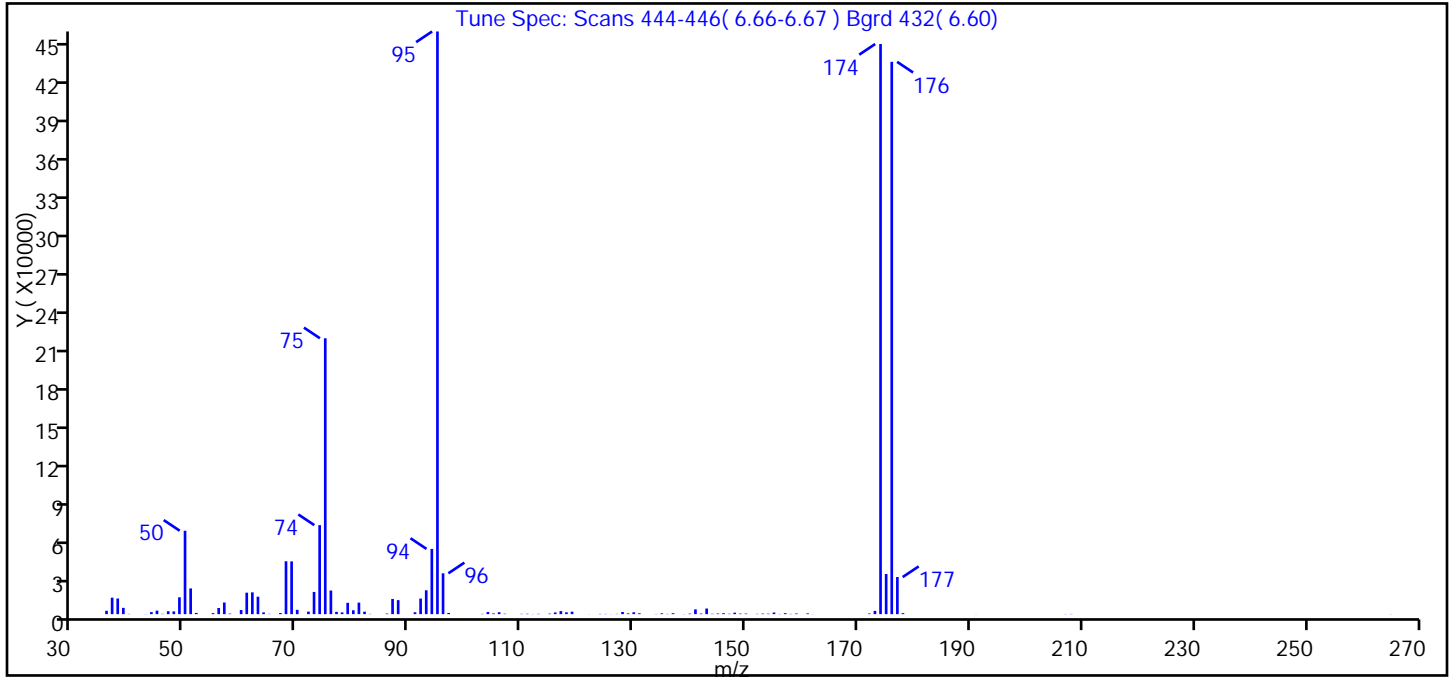
Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_001.d
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 17-Feb-2014 09:39:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-001
 Misc. Info.: BFB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:49:33 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128	12.852						
* 54 1,4-Difluorobenzene	114	14.746						
* 76 Chlorobenzene-d5	117	20.443						
\$ 87 4-Bromofluorobenzene	95	22.444						

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_001.d
 Injection Date: 17-Feb-2014 09:39:30 Instrument ID: CHW.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: PAD ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	14.30
75	30.00 - 66.00% of mass 95	47.30
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.60 (0.60)
174	50.00 - 120.00% of mass 95	97.80
175	4.00 - 9.00% of mass 174	6.90 (7.00)
176	93.00 - 101.00% of mass 174	94.80 (96.90)
177	5.00 - 9.00% of mass 176	6.40 (6.70)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_001.d\TO15_LLNJ_TO3_W_(v1).rsf\spectra.d
Injection Date: 17-Feb-2014 09:39:30
Spectrum: Tune Spec: Scans 444-446(6.66-6.67) Bgrd 432(6.60)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2603	70.00	3341	110.00	229	145.00	471
37.00	12771	72.00	1980	111.00	316	146.00	726
38.00	12130	73.00	17224	112.00	105	147.00	299
39.00	4871	74.00	69056	113.00	258	148.00	1153
40.00	184	75.00	214016	115.00	395	149.00	422
43.00	107	76.00	18328	116.00	1329	150.00	435
44.00	1596	77.00	1776	117.00	2364	152.00	237
45.00	2736	78.00	1351	118.00	1430	153.00	428
46.00	232	79.00	8779	119.00	1912	154.00	379
47.00	2250	80.00	2993	122.00	52	155.00	1269
48.00	2121	81.00	8936	124.00	209	156.00	157
49.00	13067	82.00	1919	125.00	172	157.00	772
50.00	64704	83.00	182	126.00	62	158.00	198
51.00	19960	86.00	467	127.00	195	159.00	487
52.00	953	87.00	11785	128.00	1662	161.00	609
55.00	810	88.00	10877	129.00	593	162.00	69
56.00	4759	91.00	1449	130.00	1452	172.00	500
57.00	9025	92.00	12078	131.00	660	173.00	2530
58.00	421	93.00	18520	134.00	140	174.00	442304
60.00	3213	94.00	50608	135.00	637	175.00	31136
61.00	16656	95.00	452032	136.00	187	176.00	428480
62.00	16896	96.00	31680	137.00	730	177.00	28776
63.00	13540	97.00	935	139.00	91	178.00	781
64.00	1356	103.00	221	140.00	417	191.00	67
65.00	221	104.00	1676	141.00	3697	207.00	120
67.00	899	105.00	570	142.00	468	208.00	182
68.00	41032	106.00	1478	143.00	4353	265.00	73
69.00	40936	107.00	337	144.00	275		

TestAmerica Burlington
 Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_001.d
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 24-Feb-2014 10:20:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-001
 Misc. Info.: BFB
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 10:58:22 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

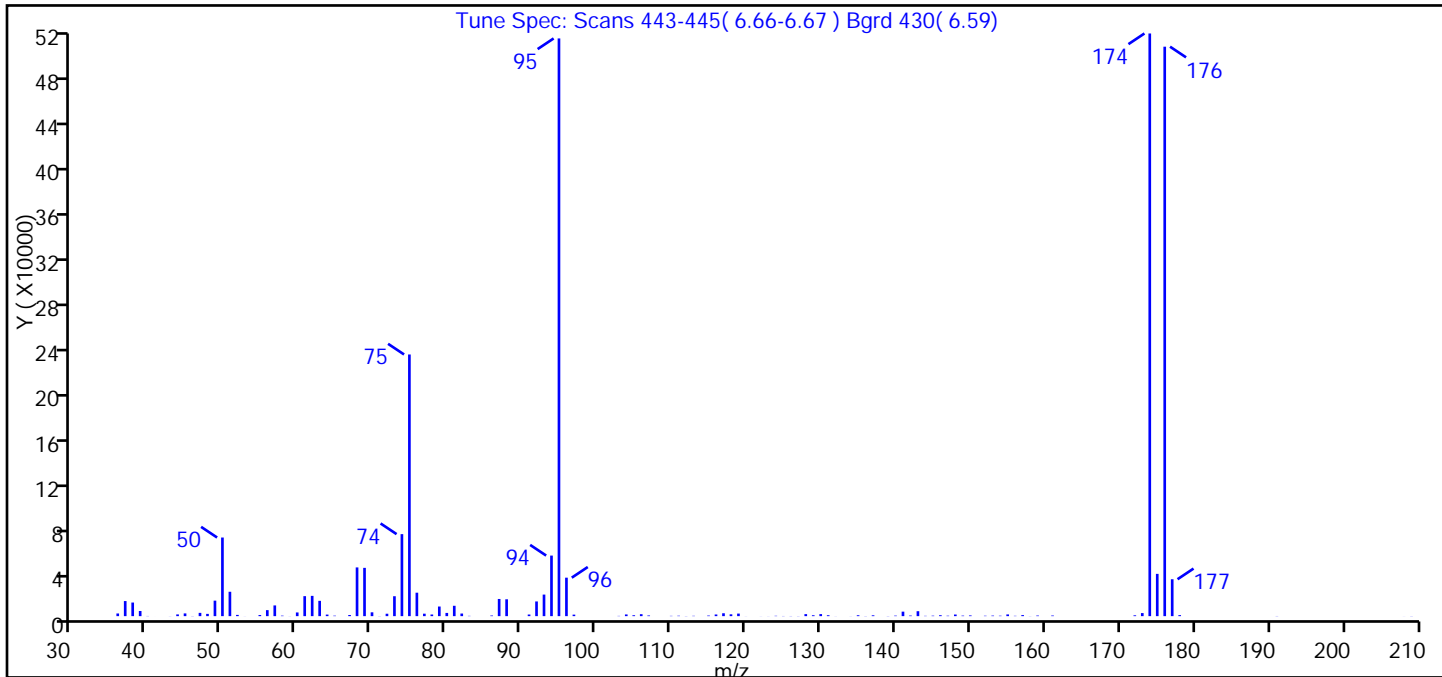
First Level Reviewer: lyonsb Date: 24-Feb-2014 10:56:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128		12.852					
* 54 1,4-Difluorobenzene	114		14.745					
* 76 Chlorobenzene-d5	117		20.443					
\$ 87 4-Bromofluorobenzene	95		22.444					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_001.d
 Injection Date: 24-Feb-2014 10:20:30 Instrument ID: CHW.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.60
75	30.00 - 66.00% of mass 95	45.30
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.50 (0.50)
174	50.00 - 120.00% of mass 95	100.90
175	4.00 - 9.00% of mass 174	7.30 (7.30)
176	93.00 - 101.00% of mass 174	98.60 (97.70)
177	5.00 - 9.00% of mass 176	6.40 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_001.d\TO15_LLNJ_TO3_W_(v1).rsf\spectra.d
Injection Date: 24-Feb-2014 10:20:30
Spectrum: Tune Spec: Scans 443-445(6.66-6.67) Bgrd 430(6.59)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 116

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2371	68.00	43416	106.00	1733	141.00	4005
37.00	13432	69.00	43024	107.00	588	142.00	517
38.00	12120	70.00	3412	110.00	252	143.00	4393
39.00	4583	71.00	110	111.00	362	144.00	267
40.00	160	72.00	2150	112.00	122	145.00	411
41.00	11	73.00	17744	113.00	280	146.00	814
43.00	75	74.00	73080	115.00	520	147.00	375
44.00	1538	75.00	233152	116.00	1482	148.00	1441
45.00	2437	76.00	20888	117.00	2567	149.00	456
46.00	134	77.00	2189	118.00	1626	150.00	633
47.00	2922	78.00	1460	119.00	2280	152.00	355
48.00	2017	79.00	8574	120.00	52	153.00	480
49.00	13809	80.00	2864	122.00	55	154.00	376
50.00	70056	81.00	9228	123.00	60	155.00	1525
51.00	21720	82.00	2326	124.00	298	156.00	284
52.00	1107	83.00	245	125.00	144	157.00	932
53.00	50	86.00	555	126.00	138	158.00	87
55.00	977	87.00	15298	127.00	115	159.00	522
56.00	5348	88.00	15020	128.00	1795	161.00	545
57.00	9549	91.00	1446	129.00	780	172.00	738
58.00	428	92.00	13099	130.00	1815	173.00	2734
59.00	73	93.00	19216	131.00	795	174.00	519168
60.00	3285	94.00	53968	132.00	60	175.00	37664
61.00	17816	95.00	514752	134.00	61	176.00	507392
62.00	18064	96.00	34280	135.00	783	177.00	32880
63.00	13632	97.00	1352	136.00	125	178.00	892
64.00	1392	103.00	217	137.00	732	191.00	137
65.00	412	104.00	1512	139.00	124	208.00	40
67.00	1006	105.00	797	140.00	453	209.00	113

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68420/4
 Matrix: Air Lab File ID: 6171_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 12:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68420/4
 Matrix: Air Lab File ID: 6171_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 12:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68420/4
 Matrix: Air Lab File ID: 6171_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/17/2014 12:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68420/4
 Matrix: Air Lab File ID: 6171_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 12:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68420/4
 Matrix: Air Lab File ID: 6171_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 12:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68420/4
 Matrix: Air Lab File ID: 6171_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/17/2014 12:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_004.d
 Lims ID: MB Lab Sample ID: MB 200-68420/4-A
 Client ID:
 Sample Type: MB
 Inject. Date: 17-Feb-2014 12:41:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-004
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:49:34 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: lyonsb

Date: 17-Feb-2014 14:00:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
3 Difluoroethane TIC	51		3.150					
4 Chlorotrifluoroethene TIC	116		3.162					
5 Freon 115 TIC	85		3.180					
1 Propene	41		4.378					
2 Dichlorodifluoromethane	85		4.474					
6 Chlorodifluoromethane	51		4.538					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.827					
8 Chloromethane	50		5.020					
9 Butane	43		5.287					
10 Vinyl chloride	62		5.341					
11 Butadiene	54		5.442					
20 1,1,1-Trifluoro-2,2-dichloroetha	83		6.000					
12 Bromomethane	94		6.309					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.192					
28 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.802					
21 Ethyl ether	59		7.941					
22 Acrolein	56		8.401					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.438					
24 1,1-Dichloroethene	96		8.513					
25 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.027					
29 3-Chloro-1-propene	41		9.407					
30 Acetonitrile	41		9.530					
31 Methylene Chloride	49		9.733					
32 2-Methyl-2-propanol	59		9.904					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
			73		10.155		
S 41			61		10.200		
			61		10.230		
			53		10.386		
			57		10.648		
			63		11.199		
			43		11.236		
			55		11.500		
			96		12.376		
			72		12.392		
			88		12.408		
			42		12.852		
* 43			128	12.857	12.852	0.005	69 391869 10.0
			83		12.964		
			84		13.258		
			97		13.280		
			117		13.531		
			57		13.927		
			78		13.986		
			62		14.141		
			43		14.275		
* 54			114	14.745	14.746	-0.001	93 1876819 10.0
A 57			1	14.770	6.674 - 22.866	0	564072 0
			56		15.024		
			95		15.206		
			63		15.730		
			69		15.810		
			88		15.901		
			174		15.971		
			83		16.222		
A 63			1	16.629	4.368 - 28.889	0	1071080 7.87
			75		17.083		
			43		17.319		
			43		17.656		
A 68			1	17.656	17.606 - 17.706	0	4169 NC
			92		17.661		
A 67			1	17.661	17.621 - 17.701	0	4169 NC
			75		18.191		
			83		18.560		
			166		18.694		
			43		18.950		
			75		19.300		
			129		19.314		
			107		19.598		
S 82			106		20.100		
* 76			117	20.443	20.443	0.0	84 1583123 10.0
			112		20.496		
			91		20.614		
			57		20.673		
			106		20.833		
			106		21.545		
			104		21.582		

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	85			173	21.962		
	86			105	22.112		
\$	87			95	22.444	22.444 0.0	97 983471 NC
	88			83	22.668		
	90			91	22.743		
	89			75	22.770		
	93			57	22.856		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	95			118	23.353		
	96			119	23.476		
	97			105	23.573		
	98			105	23.808		
	99			119	24.011		
	100			146	24.081		
	101			146	24.225		
	102			91	24.434		
	104			57	24.626		
	103			91	24.653		
	105			146	24.830		
	106			57	26.435		
	107			180	27.724		
	108			225	27.927		
	109			128	28.312		
	110			180	28.879		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_004.d

Injection Date: 17-Feb-2014 12:41:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-68420/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

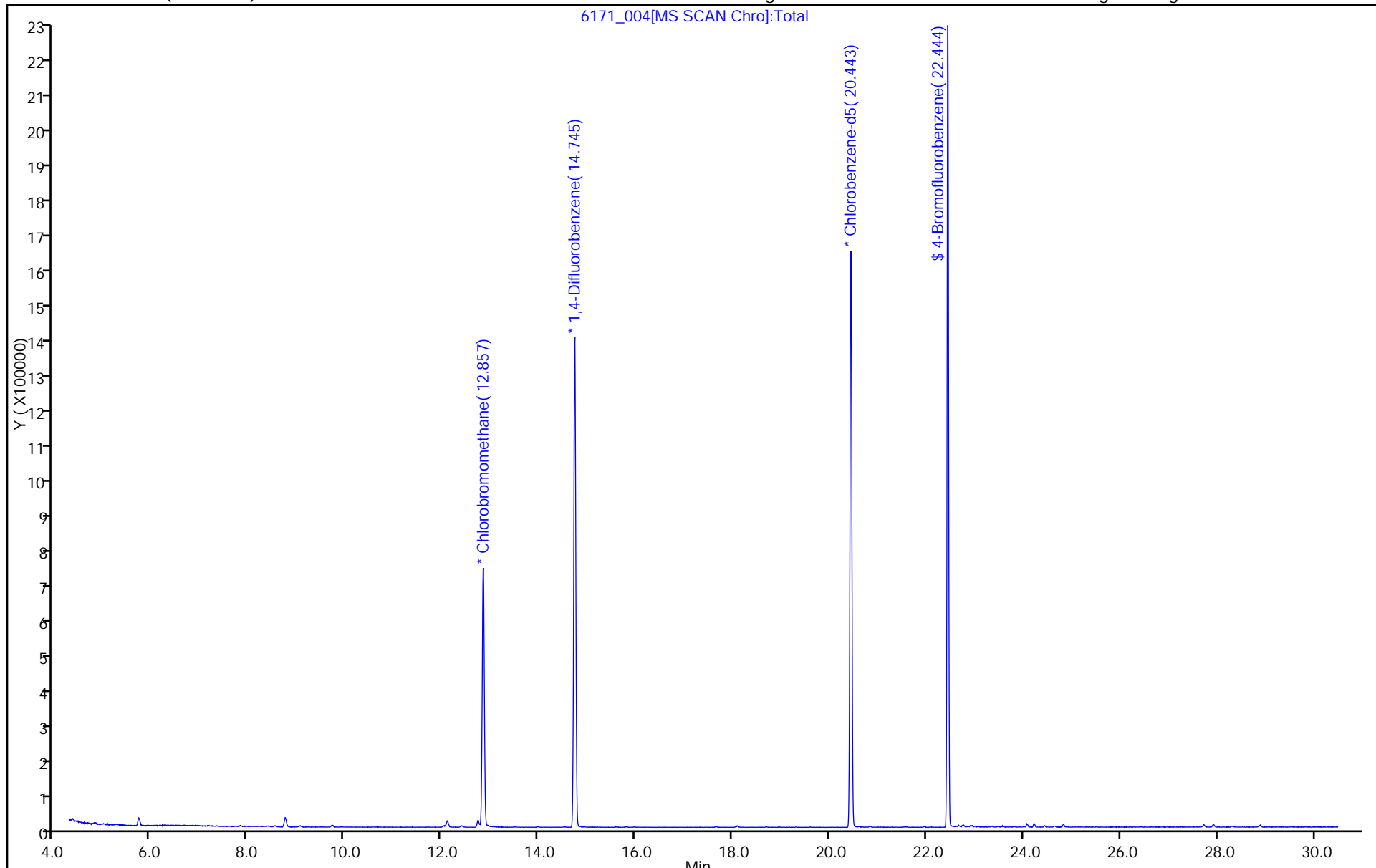
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_004.D
 Lims ID: MB Lab Sample ID: MB 200-68745/4-A
 Client ID:
 Sample Type: MB
 Inject. Date: 21-Feb-2014 13:23:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-004
 Misc. Info.: mb
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		3.057					
2 Dichlorodifluoromethane	85		3.127					
3 Difluoroethane TIC	51		3.150					
4 Chlorotrifluoroethene TIC	116		3.162					
5 Freon 115 TIC	85		3.180					
6 Chlorodifluoromethane	51		3.181					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
15 2-Methylbutane	43		4.919					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
18 Pentane	43		5.508					
19 Ethanol	45		5.925					
20 1,1,1-Trifluoro-2,2-dichloroetha	83		6.000					
21 Ethyl ether	59		6.037					
22 Acrolein	56		6.406					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45		7.038					
28 Methyl Acetate TIC	43		7.200					
29 3-Chloro-1-propene	41		7.300					
30 Acetonitrile	41		7.401					
31 Methylene Chloride	49		7.599					
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	34			61	8.059		
	35			53	8.182		
	36			57	8.493		
	37			63	8.947		
	38			43	9.044		
	39			96	10.087		
	40			72	10.135		
S	41			61	10.200		
	42			88	10.215		
*	43			128	10.558 10.563	-0.005 68	686763 10.0
	44			42	10.579		
	45			83	10.702		
	46			84	10.991		
	47			97	11.002		
	48			117	11.269		
	49			55	11.500		
	50			78	11.740		
	51			57	11.761		
	52			62	11.911		
	53			43	12.168		
*	54			114	12.623 12.623	0.0 91	3980816 10.0
	55			56	13.019		
	56			95	13.110		
A	57			1	13.294 4.909 - 21.679	0	1156155 0
	58			63	13.682		
	59			69	13.880		
	60			88	13.917		
	61			174	13.939		
	62			83	14.249		
A	63			1	15.022 3.047 - 26.997	0	1317987 4.52
	64			75	15.228		
	65			43	15.528		
	66			92	15.849		
A	67			1	15.849 15.809 -15.889	0	7729 NC
	69			43	15.961		
A	68			1	15.966 15.911 -16.011	0	10250 NC
	70			75	16.437		
	71			83	16.812		
	72			166	16.961		
	73			43	17.282		
	74			129	17.587		
	75			107	17.860		
*	76			117	18.786 18.786	0.0 81	3816866 10.0
	77			112	18.844		
	78			91	19.016		
	79			57	19.181		
	80			106	19.272		
	81			75	19.300		
S	82			106	20.100		
	83			106	20.102		
	84			104	20.144		
	85			173	20.530		

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	86			105	20.765		
\$	87			95	21.113	21.107	0.006 98 1697944 NC
	88			83		21.364	
	89			75		21.460	
	90			91		21.471	
	92			91		21.653	
	91			105		21.653	
	93			57		21.669	
	94			105		21.760	
	95			118		22.113	
	96			119		22.242	
	97			105		22.332	
	98			105		22.562	
	99			119		22.760	
	100			146		22.776	
	101			146		22.910	
	102			91		23.103	
	103			91		23.338	
	104			57		23.381	
	105			146		23.451	
	106			57		25.007	
	107			180		26.013	
	108			225		26.227	
	109			128		26.505	
	110			180		26.987	

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_004.D

Injection Date: 21-Feb-2014 13:23:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: MB

Lab Sample ID: MB 200-68745/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

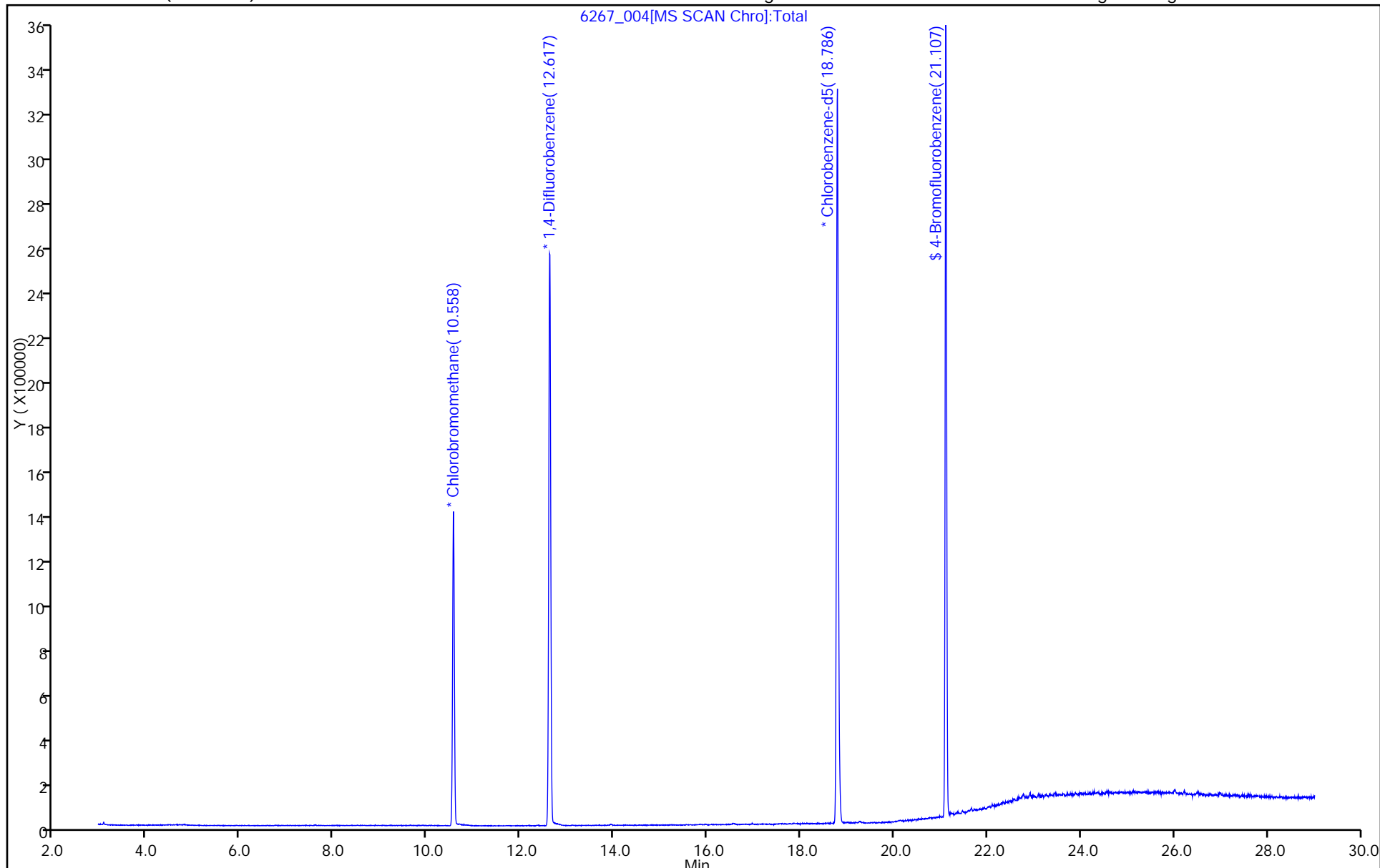
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.0272	J	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.0353	J	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	0.163	J	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	0.212	J	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d
 Lims ID: MB Lab Sample ID: MB 200-68730/4-A
 Client ID:
 Sample Type: MB
 Inject. Date: 24-Feb-2014 13:46:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-004
 Misc. Info.: MB
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:16:21 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 11:14:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
3 Difluoroethane TIC	51		3.150					
4 Chlorotrifluoroethene TIC	116		3.162					
5 Freon 115 TIC	85		3.180					
1 Propene	41		4.367					
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
20 1,1,1-Trifluoro-2,2-dichloroetha	83		6.000					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
15 2-Methylbutane	43		6.673					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
28 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.347					
19 Ethanol	45		7.796					
21 Ethyl ether	59		7.935					
22 Acrolein	56		8.395					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.433					
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43		8.743					
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45		9.027					
29 3-Chloro-1-propene	41		9.401					
30 Acetonitrile	41		9.530					
31 Methylene Chloride	49		9.727					
32 2-Methyl-2-propanol	59		9.904					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
			73		10.155				
S 41			61		10.200				
			61		10.230				
			53		10.380				
			57		10.648				
			63		11.193				
			43		11.236				
			55		11.500				
			96		12.370				
			72		12.386				
			88		12.408				
			42		12.846				
* 43			128	12.852	12.857	-0.005	69	450039	10.0
			83		12.964				
			84		13.258				
			97		13.274				
			117		13.531				
			57		13.922				
			78		13.980				
			62		14.141				
			43		14.269				
* 54			114	14.740	14.745	-0.005	92	2201278	10.0
A 57			1	14.764	6.663	-22.866	0	351444	0
			56		15.024				
			95		15.206				
			63		15.730				
			69		15.810				
			88		15.901				
			174		15.971				
			83		16.217				
A 63			1	16.623	4.357	-28.889	0	789450	4.95
			75		17.083				
			43		17.319				
			43		17.656				
A 68			1	17.670	17.634	-17.706	0	3051	NC
			92		17.656				
A 67			1	17.656	17.616	-17.696	0	7519	NC
			75		18.191				
			83		18.554				
			166		18.699				
			43		18.945				
			75		19.300				
			129		19.314				
			107		19.598				
S 82			106		20.100				
* 76			117	20.443	20.443	0.0	83	1928409	10.0
			112		20.496				
			91		20.614				
			57		20.673				
			106		20.833				
			106		21.545				
			104		21.582				

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	85			173	21.957		
	86			105	22.107		
\$	87			95	22.444	22.444 0.0	97 1247711 NC
	88			83	22.668		
	90			91	22.743		
	89			75	22.770		
	93			57	22.856		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	95			118	23.348		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.081	24.081 0.0	62 7447 0.0272
	101			146	24.220	24.225 -0.005	61 9008 0.0353
	102			91	24.434		
	104			57	24.626		
	103			91	24.648		
	105			146	24.830		
	106			57	26.435		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		
	110			180	28.879		

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d

Injection Date: 24-Feb-2014 13:46:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: MB

Lab Sample ID: MB 200-68730/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

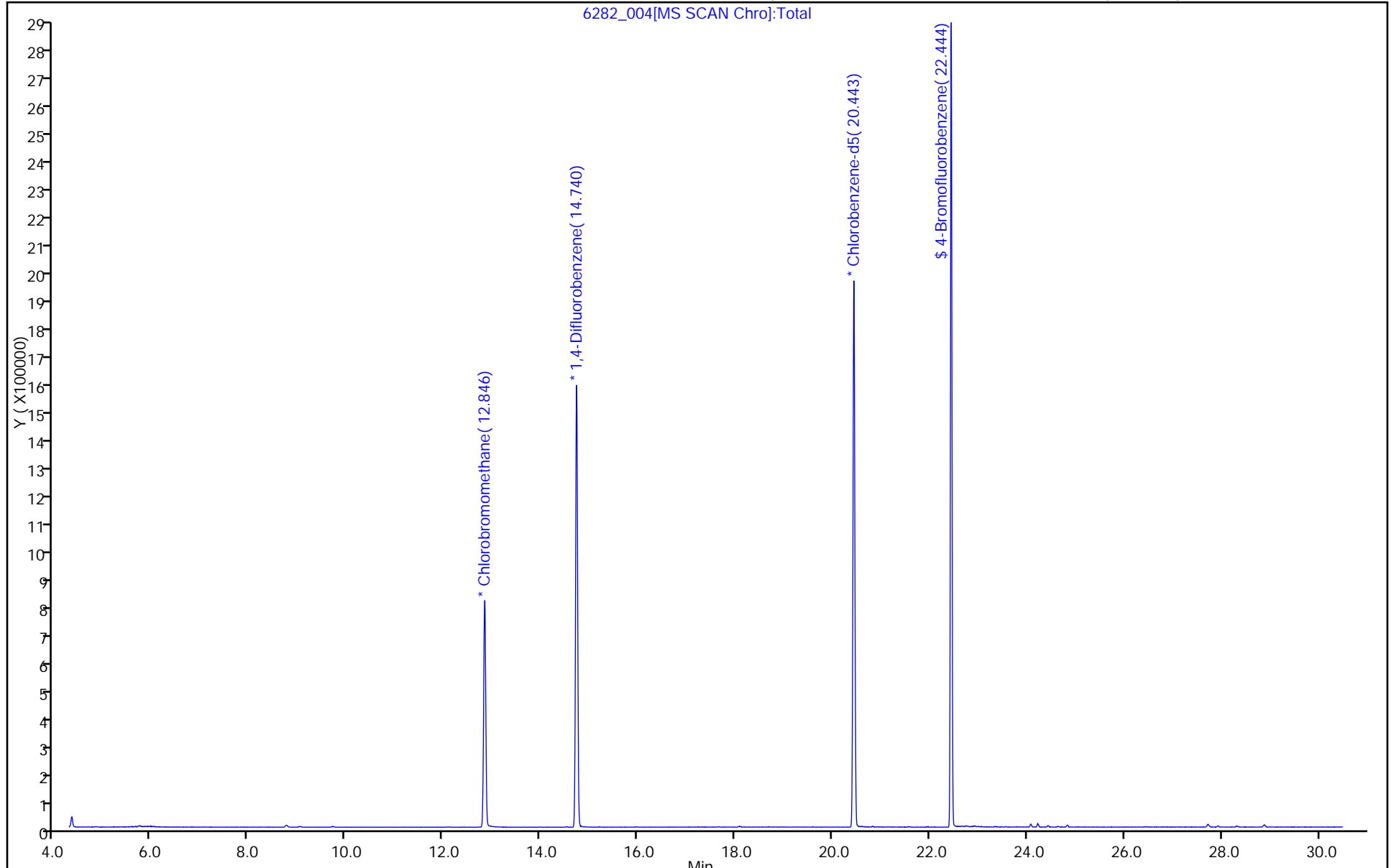
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d

Injection Date: 24-Feb-2014 13:46:30

Instrument ID: CHW.i

Lims ID: MB

Lab Sample ID: MB 200-68730/4-A

Client ID:

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

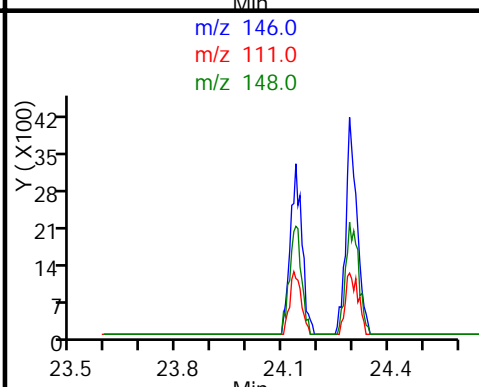
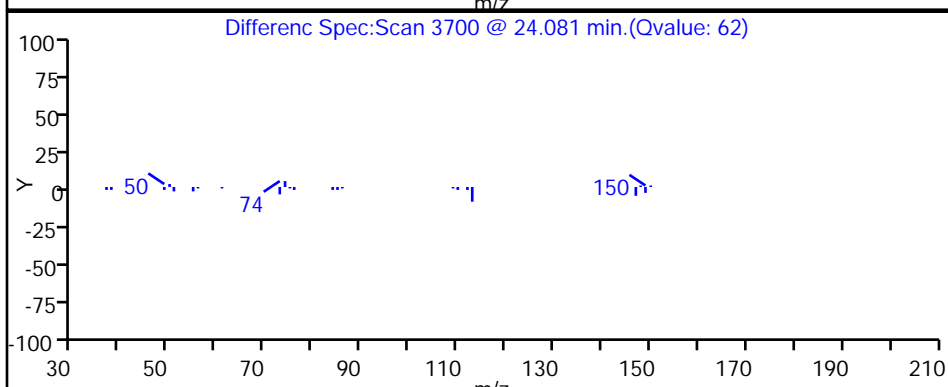
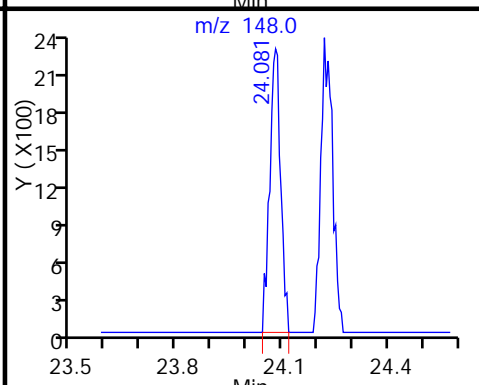
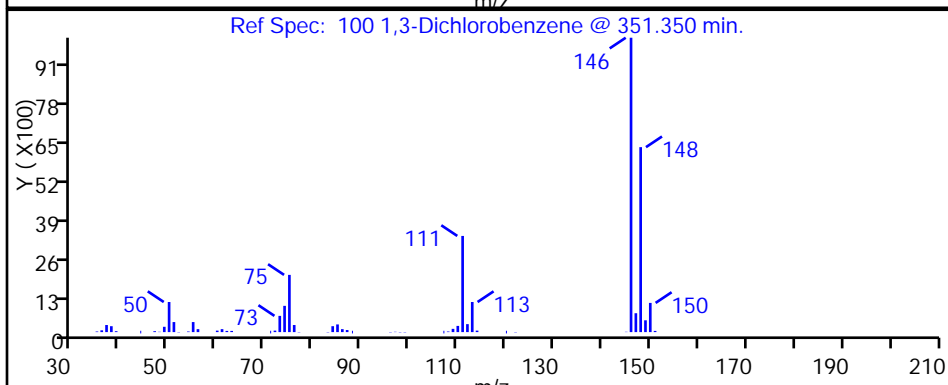
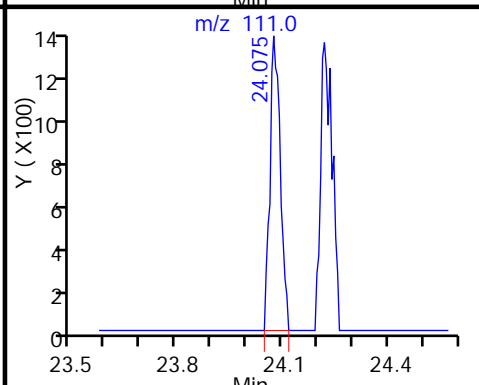
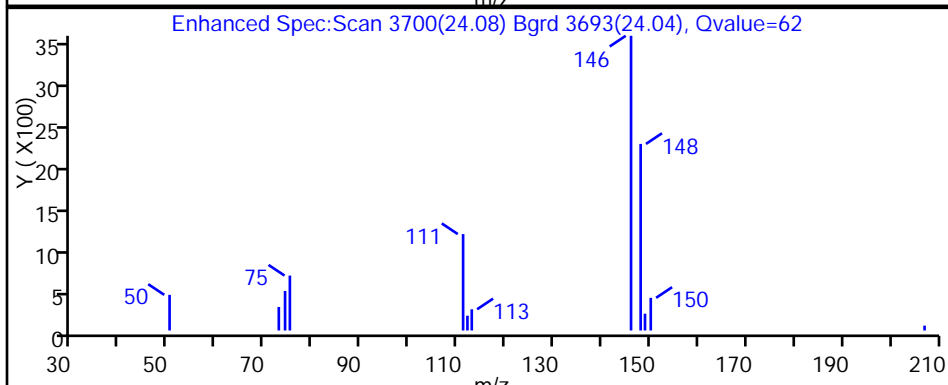
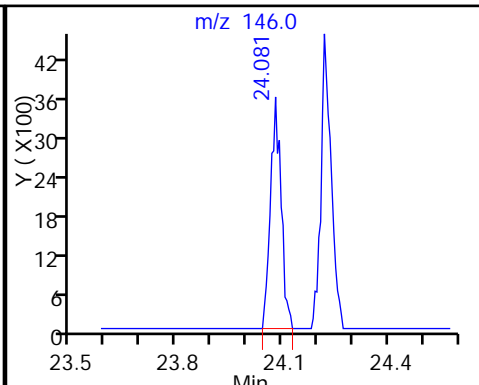
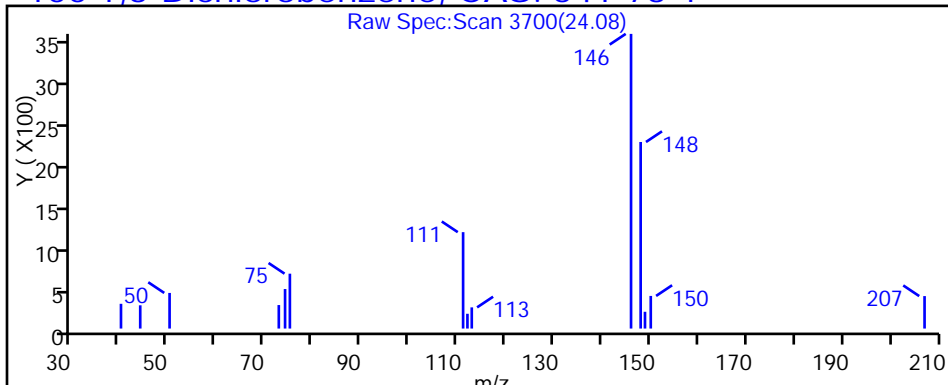
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d

Injection Date: 24-Feb-2014 13:46:30

Instrument ID: CHW.i

Lims ID: MB

Lab Sample ID: MB 200-68730/4-A

Client ID:

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

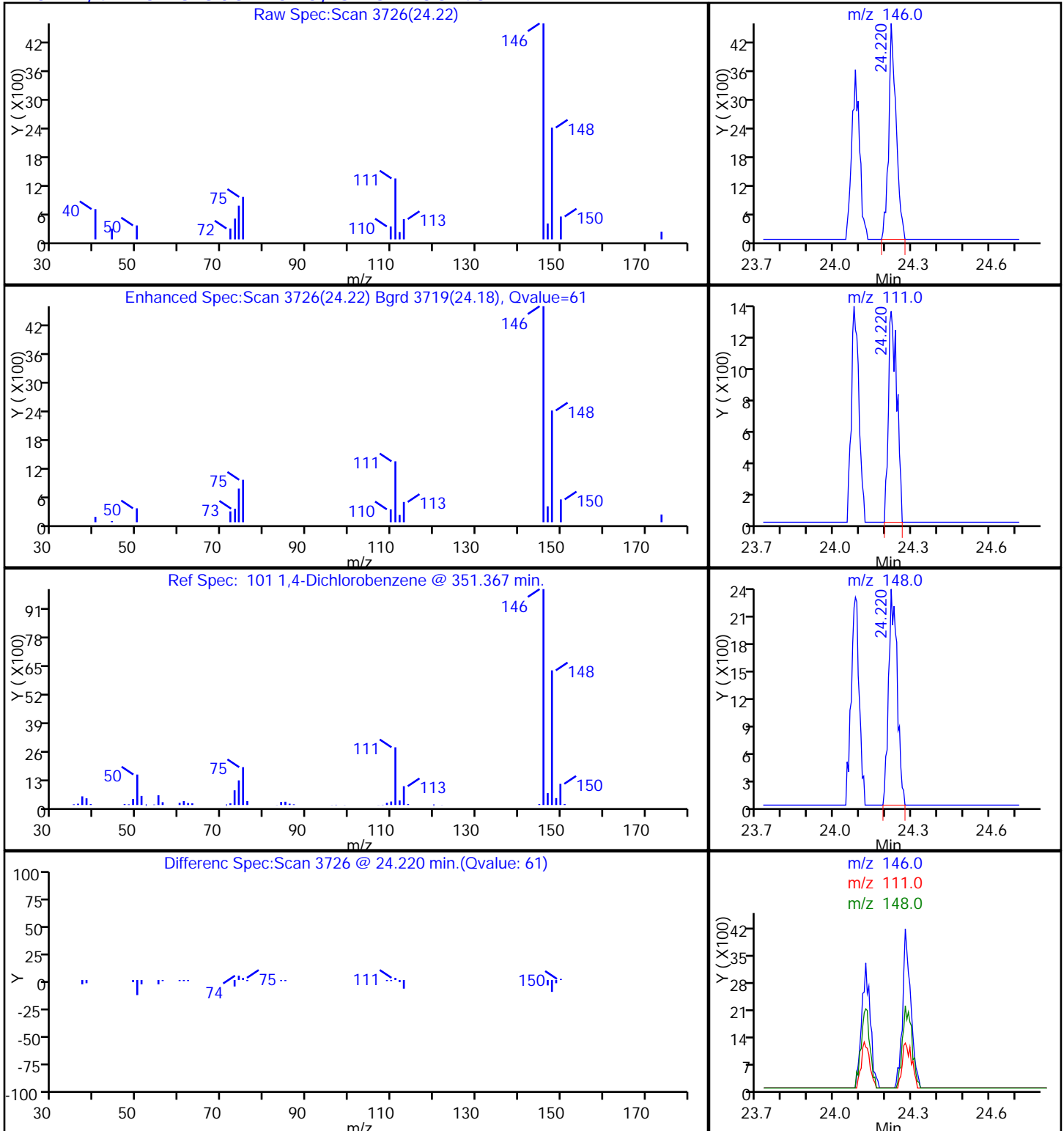
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68811/5
 Matrix: Air Lab File ID: 6318_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 17:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68811/5
 Matrix: Air Lab File ID: 6318_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 17:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68811/5
 Matrix: Air Lab File ID: 6318_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/25/2014 17:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68811/5
 Matrix: Air Lab File ID: 6318_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 17:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68811/5
 Matrix: Air Lab File ID: 6318_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 17:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68811/5
 Matrix: Air Lab File ID: 6318_005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/25/2014 17:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_005.D
 Lims ID: MB Lab Sample ID: MB 200-68811/5-A
 Client ID:
 Sample Type: MB
 Inject. Date: 25-Feb-2014 17:01:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006318-005
 Misc. Info.: MB
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 12:25:37 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

First Level Reviewer: lyonsb

Date: 26-Feb-2014 11:26:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		3.058					
2 Dichlorodifluoromethane	85		3.133					
3 Difluoroethane TIC	51	3.084	3.150	-0.066	28	1167	NC	
4 Chlorotrifluoroethene TIC	116		3.162					
5 Freon 115 TIC	85		3.180					
6 Chlorodifluoromethane	51		3.181					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.882					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
15 2-Methylbutane	43		4.925					
16 Vinyl bromide	106		5.235					
17 Trichlorofluoromethane	101		5.353					
18 Pentane	43	5.513	5.508	0.005	31	1334	0.0208	
19 Ethanol	45		5.925					
20 1,1,1-Trifluoro-2,2-dichloroetha	83		6.000					
21 Ethyl ether	59		6.043					
22 Acrolein	56		6.407					
23 1,1,2-Trichloro-1,2,2-trifluoro	101		6.481					
24 1,1-Dichloroethene	96		6.503					
25 Acetone	43		6.722					
26 Carbon disulfide	76		6.888					
27 Isopropyl alcohol	45		7.038					
28 Methyl Acetate TIC	43		7.200					
29 3-Chloro-1-propene	41		7.305					
30 Acetonitrile	41		7.402					
31 Methylene Chloride	49		7.600					
32 2-Methyl-2-propanol	59		7.840					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33						
	34						
	35						
	36						
	37						
	38						
	39						
	40						
S	41						
	42						
*	43						
	44						
	45						
	46						
	47						
	48						
	49						
	50						
	51						
	52						
	53						
*	54						
	55						
	56						
A	57						
	58						
	59						
	60						
	61						
	62						
A	63						
	64						
	65						
	66						
A	67						
	69						
A	68						
	70						
	71						
	72						
	73						
	74						
	75						
*	76						
	77						
	78						
	79						
	80						
	81						
S	82						
	83						
	84						

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	85			173	20.535		
	86			105	20.771		
\$	87			95	21.113	21.113 0.0	98 1839415 NC
	88			83	21.370		
	89			75	21.461		
	90			91	21.471		
	92			91	21.653		
	91			105	21.659		
	93			57	21.669		
	94			105	21.760		
	95			118	22.113		
	96			119	22.242		
	97			105	22.333		
	98			105	22.563		
	99			119	22.761		
	100			146	22.777		
	101			146	22.910		
	102			91	23.108		
	103			91	23.338		
	104			57	23.387		
	105			146	23.451		
	106			57	25.013		
	107			180	26.019		
	108			225	26.227		
	109			128	26.505		
	110			180	26.992		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_005.D

Injection Date: 25-Feb-2014 17:01:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: MB

Lab Sample ID: MB 200-68811/5-A

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

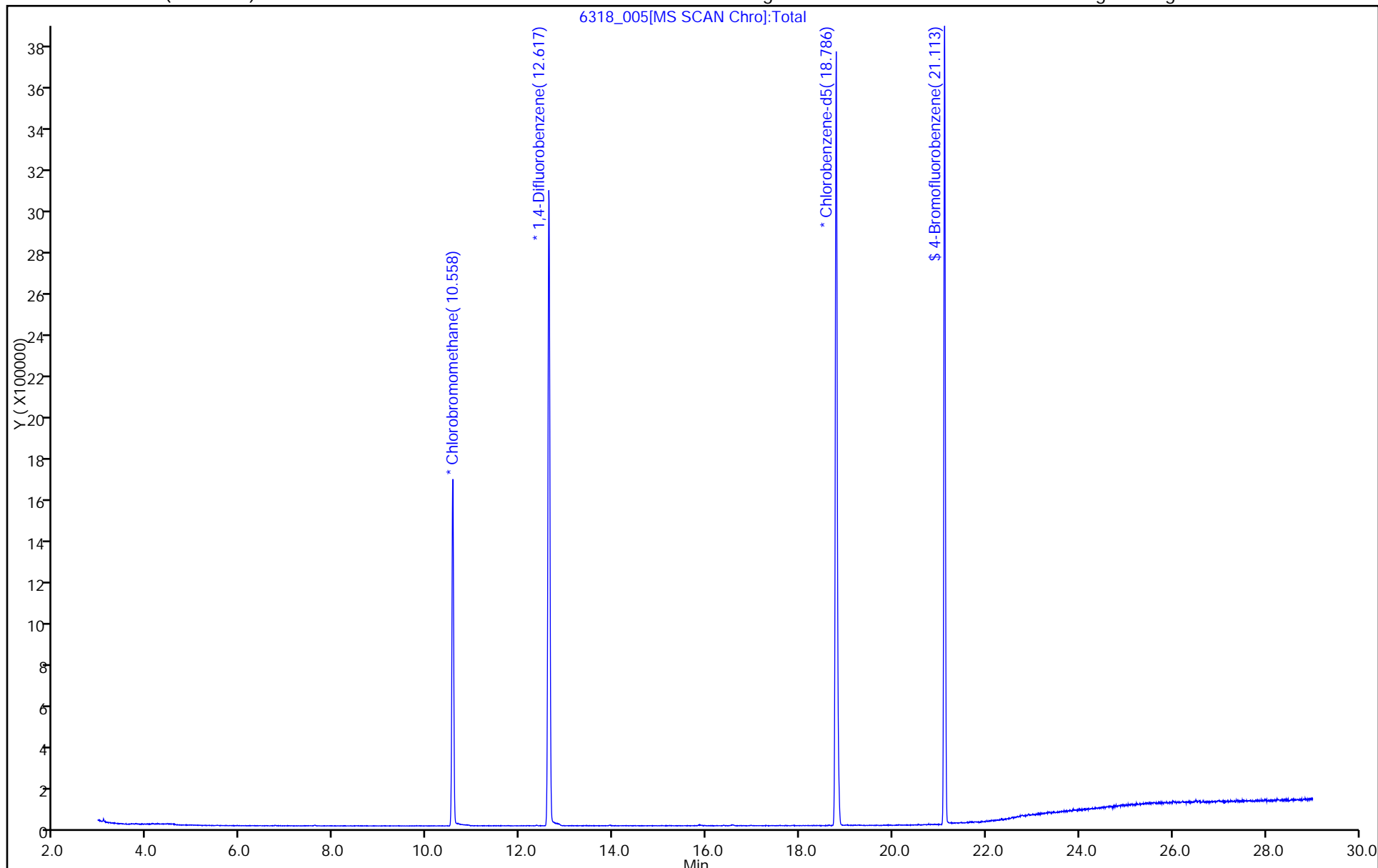
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68870/5
 Matrix: Air Lab File ID: 6343_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/26/2014 14:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68870/5
 Matrix: Air Lab File ID: 6343_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/26/2014 14:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.0162	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.0261	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.0179	J	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.0167	J	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.0214	J	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68870/5
 Matrix: Air Lab File ID: 6343_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/26/2014 14:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.0160	J	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.0298	J	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68870/5
 Matrix: Air Lab File ID: 6343_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/26/2014 14:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68870/5
 Matrix: Air Lab File ID: 6343_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/26/2014 14:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.0745	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.113	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	0.0925	J	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	0.100	J	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	0.129	J	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: MB 200-68870/5
 Matrix: Air Lab File ID: 6343_05.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/26/2014 14:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.0963	J	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	0.221	J	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D
 Lims ID: mb Lab Sample ID: MB 200-68870/5-A
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Feb-2014 14:38:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006343-005
 Misc. Info.: mb
 Operator ID: wrd Instrument ID: CHC.i
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 15:14:14 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

First Level Reviewer: desjardinsb

Date: 26-Feb-2014 15:14:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Difluoroethane TIC	51	3.150						
2 Chlorotrifluoroethene TIC	116	3.162						
3 Freon 115 TIC	85	3.180						
4 Propene	41	3.181						
5 Dichlorodifluoromethane	85	3.261						
6 Chlorodifluoromethane	51	3.320						
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.549						
8 Chloromethane	50	3.699						
9 Butane	43	3.918						
10 Vinyl chloride	62	3.971						
11 Butadiene	54	4.056						
12 Bromomethane	94	4.798						
13 Chloroethane	64	5.054						
14 2-Methylbutane	43	5.129						
15 Vinyl bromide	106	5.471						
16 Trichlorofluoromethane	101	5.577						
17 Pentane	43	5.727						
18 1,1,1-Trifluoro-2,2-dichloroetha	83	6.000						
19 Ethanol	45	6.228						
20 Ethyl ether	59	6.293						
21 Acrolein	56	6.709						
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.719						
23 1,1-Dichloroethene	96	6.762						
25 Acetone	43	7.045						
26 Carbon disulfide	76	7.152						
27 Methyl Acetate TIC	43	7.200						
28 Isopropyl alcohol	45	7.365						
29 3-Chloro-1-propene	41	7.595						
30 Acetonitrile	41	7.760						
31 Methylene Chloride	49	7.904						
32 2-Methyl-2-propanol	59	8.160						

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33			73	8.321		
	34			61	8.347		
	35			53	8.539		
	36			57	8.742		
	37			63	9.265		
	38			43	9.361		
S	39			61	10.200		
	40			96	10.434		
	41			72	10.509		
	42			88	10.551		
*	43			128	10.914	10.920	-0.006 64 381709 10.0
	44			42	10.936		
	45			83	11.064		
	46			84	11.293		
	47			97	11.336		
	48			55	11.500		
	49			117	11.592		
	50			57	12.051		
	51			78	12.094		
	52			62	12.302		
	53			43	12.462		
*	54			114	12.985	12.990	-0.005 91 2141658 10.0
	55			56	13.433		
	56			95	13.471		
A	57			1	13.497	5.119 - 21.876	0 381312 0
	58			63	14.074		
	59			69	14.250		
	60			88	14.319		
	61			174	14.335		
	62			83	14.639		
A	63			1	15.277	3.171 - 27.383	0 443555 4.20
	64			75	15.600		
	65			43	15.910		
	66			92	16.193	16.198	-0.006 18 1444 0.0149
A	67			1	16.198	16.158 - 16.238	0 6055 NC
	68			43	16.230	16.240	-0.010 1 706 0.0114
A	69			1	16.240	16.190 - 16.290	0 6055 NC
	70			75	16.812		
	71			83	17.190		
	72			166	17.281		
	73			43	17.655		
	74			129	17.959		
	75			107	18.236		
*	76			117	19.128	19.133	-0.005 80 1969452 10.0
	77			112	19.181	19.192	-0.011 1 2220 0.0162
	78			75	19.133	19.300	-0.167 1 22782 NC
	79			91	19.341	19.341	0.0 1 2258 0.0108
	80			57	19.448		
	81			106	19.597	19.592	0.005 22 2263 0.0261
S	82			106			0 0.0348
	83			106	20.403	20.403	0.0 1 740 0.008724
	84			104	20.451		

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	85			173	20.852		
	86			105	21.033		
\$	87			95	21.385 21.391	-0.006	97 1305286 NC
	88			83	21.657		
	89			91	21.716		
	90			75	21.754 21.754	0.0	1 1891 0.0220
	91			57	21.866		
	92			105	21.898		
	93			91	21.903 21.908	-0.005	5 3374 0.0179
	94			105	21.999		
	95			118	22.351		
	96			119	22.469		
	97			105	22.559		
	98			105	22.784		
	99			119	22.981		
	100			146	23.013 23.018	-0.005	42 2508 0.0167
	101			146	23.157 23.157	0.0	41 3226 0.0214
	102			91	23.365		
	103			91	23.568		
	104			57	23.573		
	105			146	23.707 23.712	-0.005	47 2273 0.0160
	106			57	25.233		
	107			180	26.338 26.343	-0.005	11 2981 0.0298
	108			225	26.530		
	109			128	26.866		
	110			180	27.373		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Operator ID: wrd

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

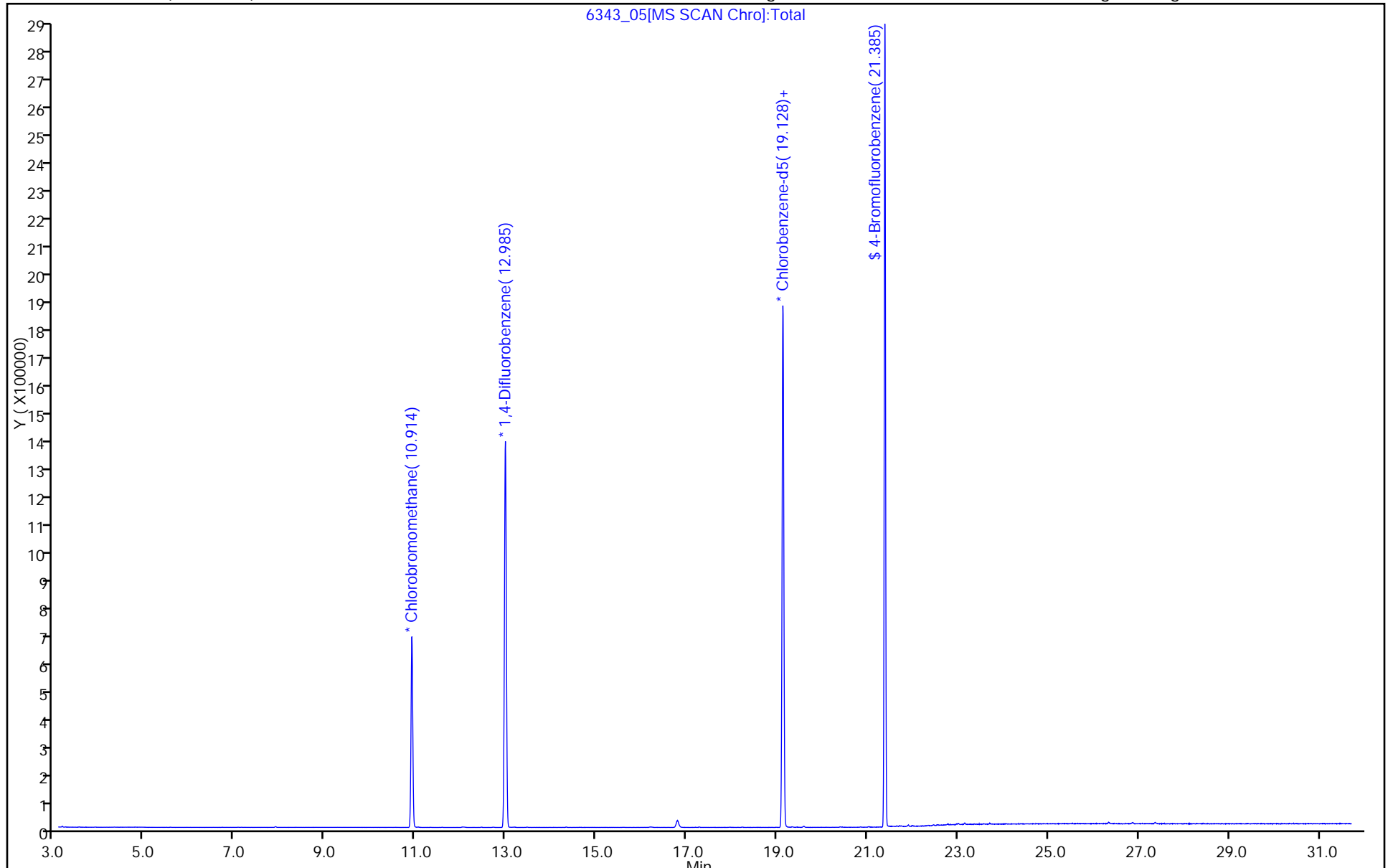
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

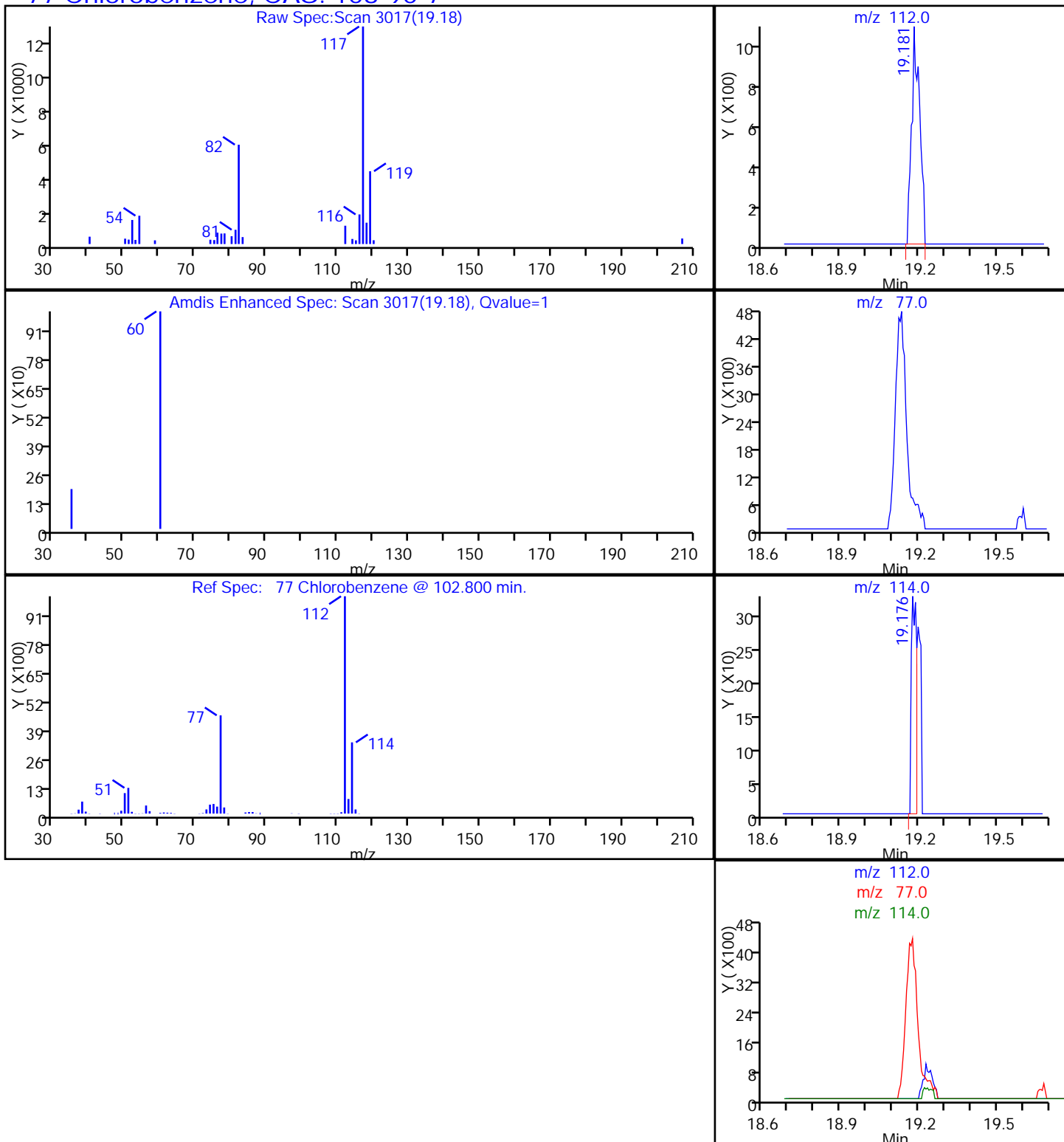
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

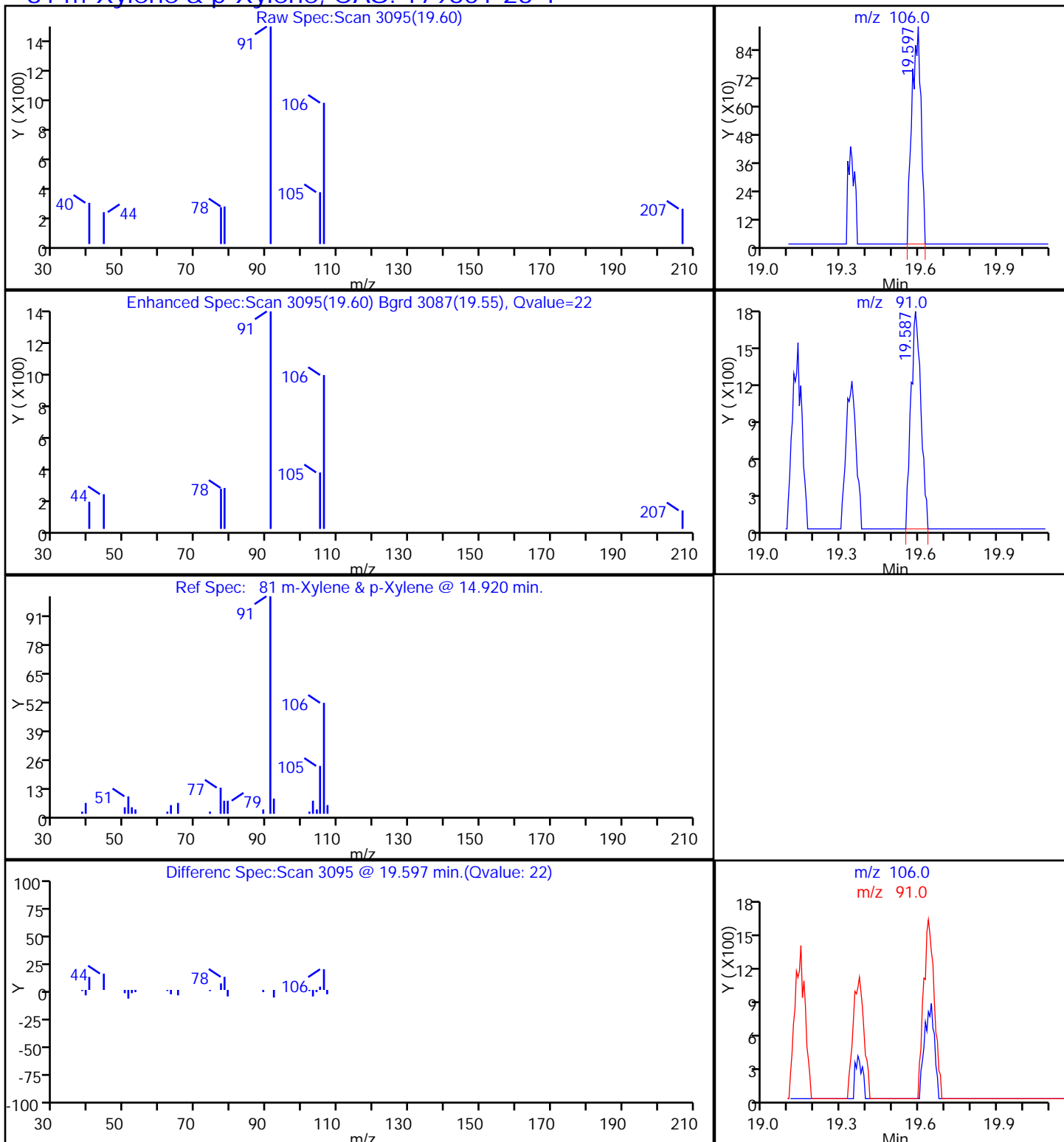
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

81 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

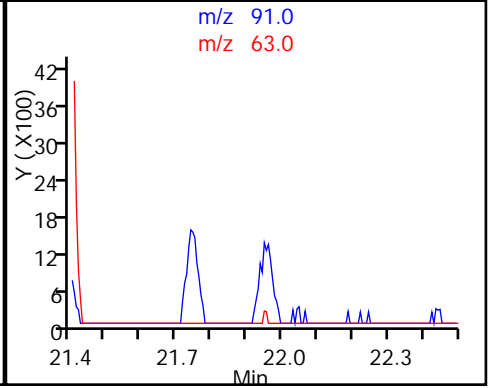
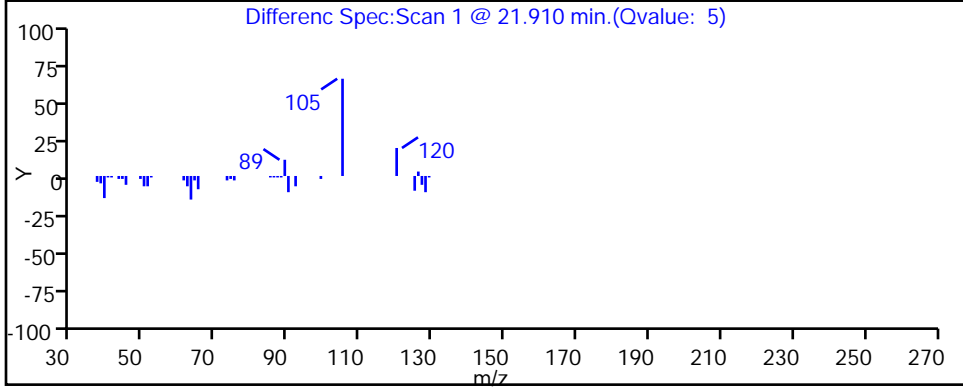
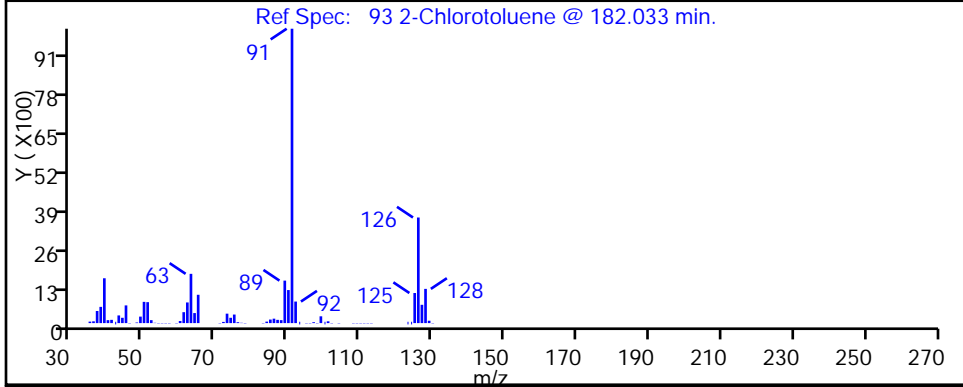
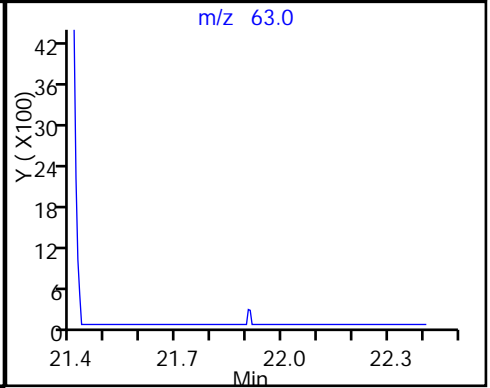
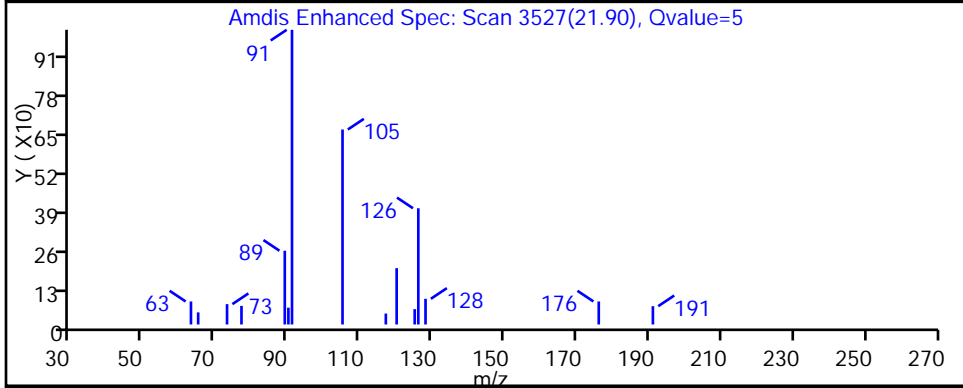
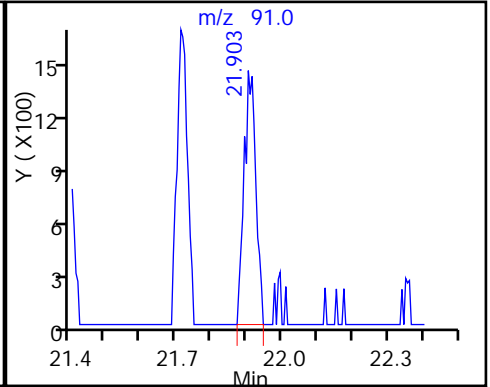
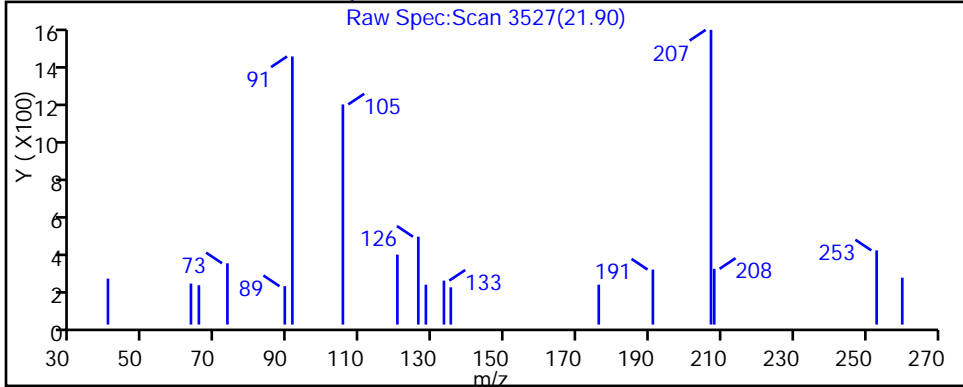
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

93 2-Chlorotoluene, CAS: 95-49-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

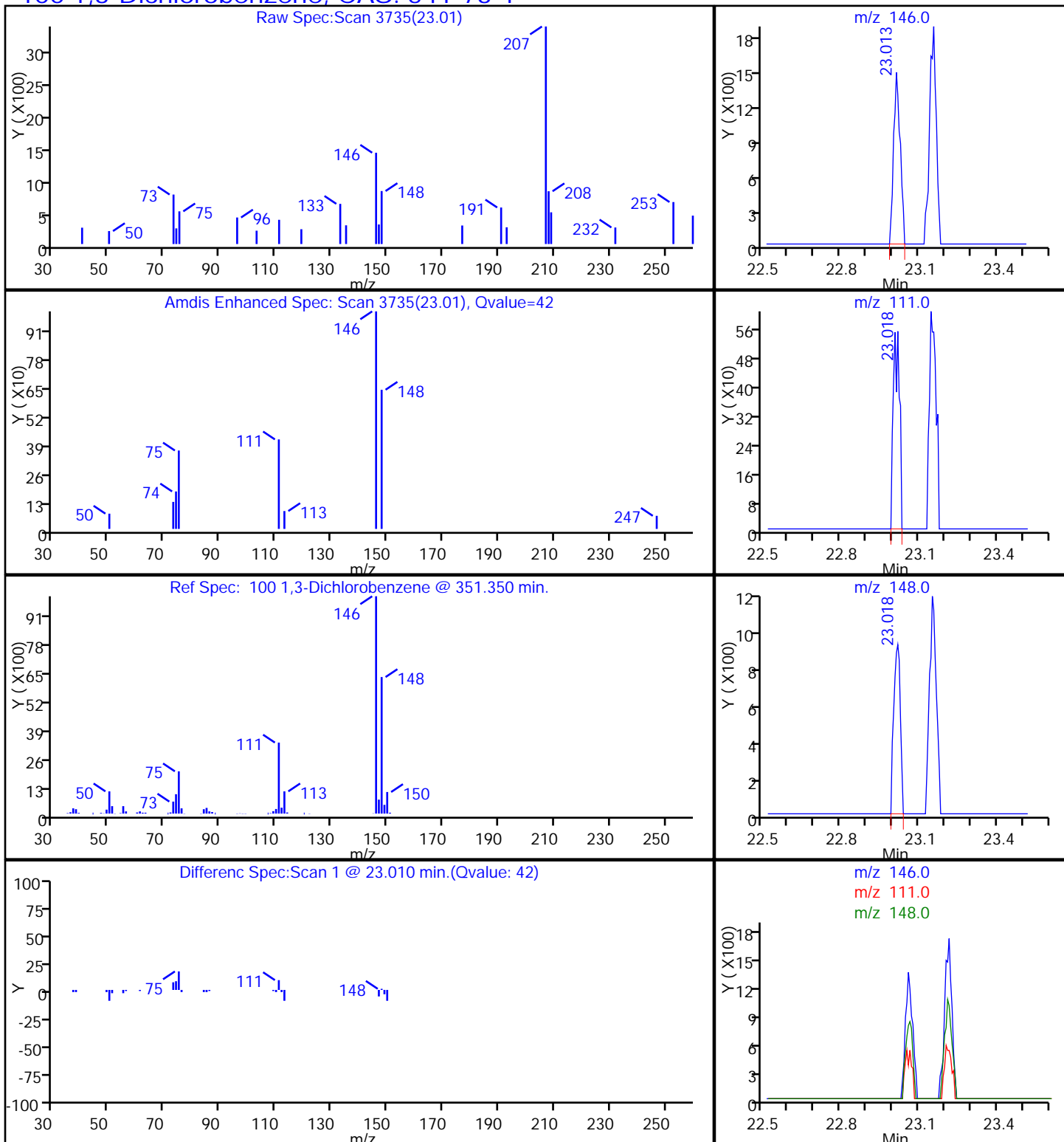
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

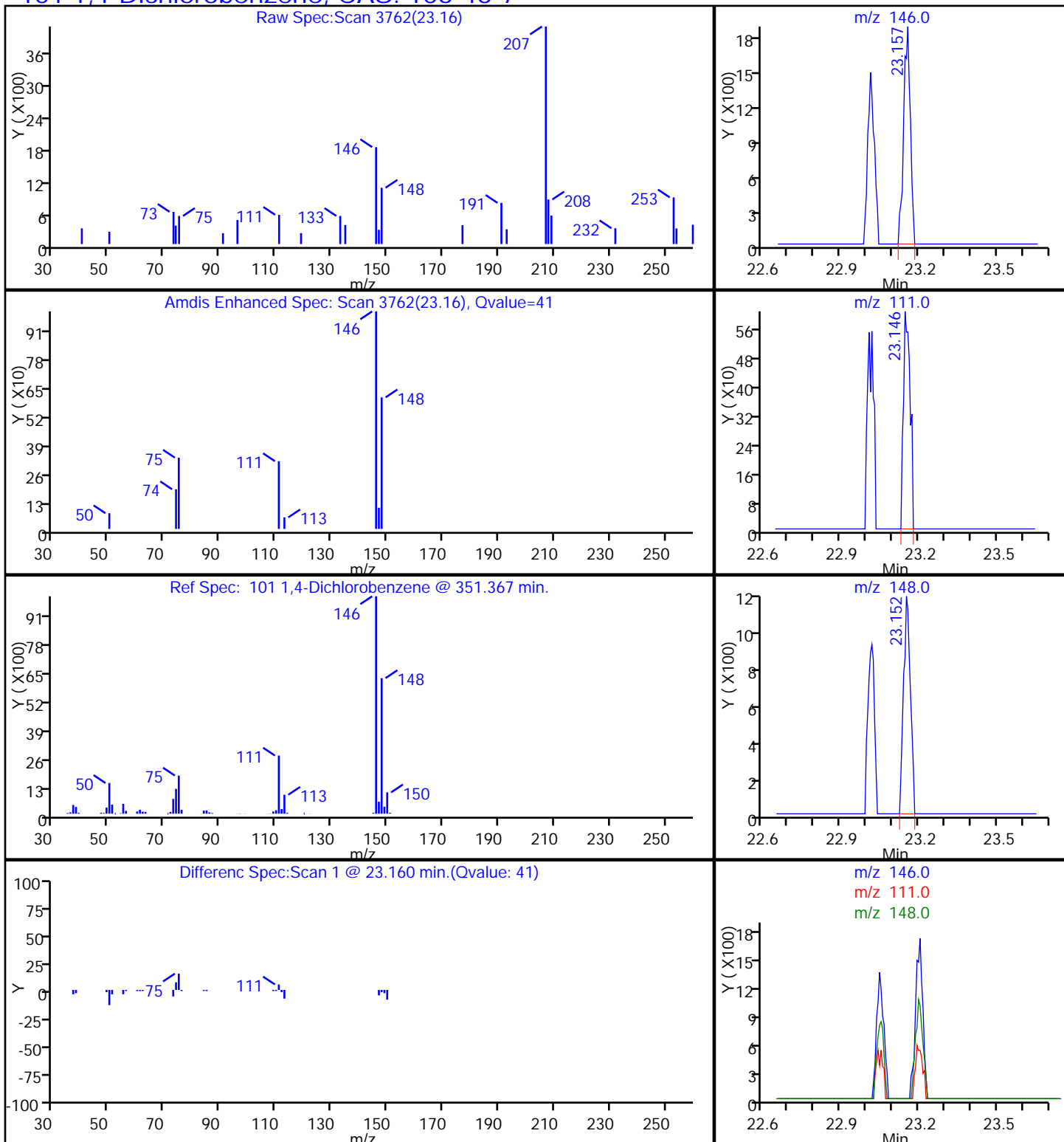
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

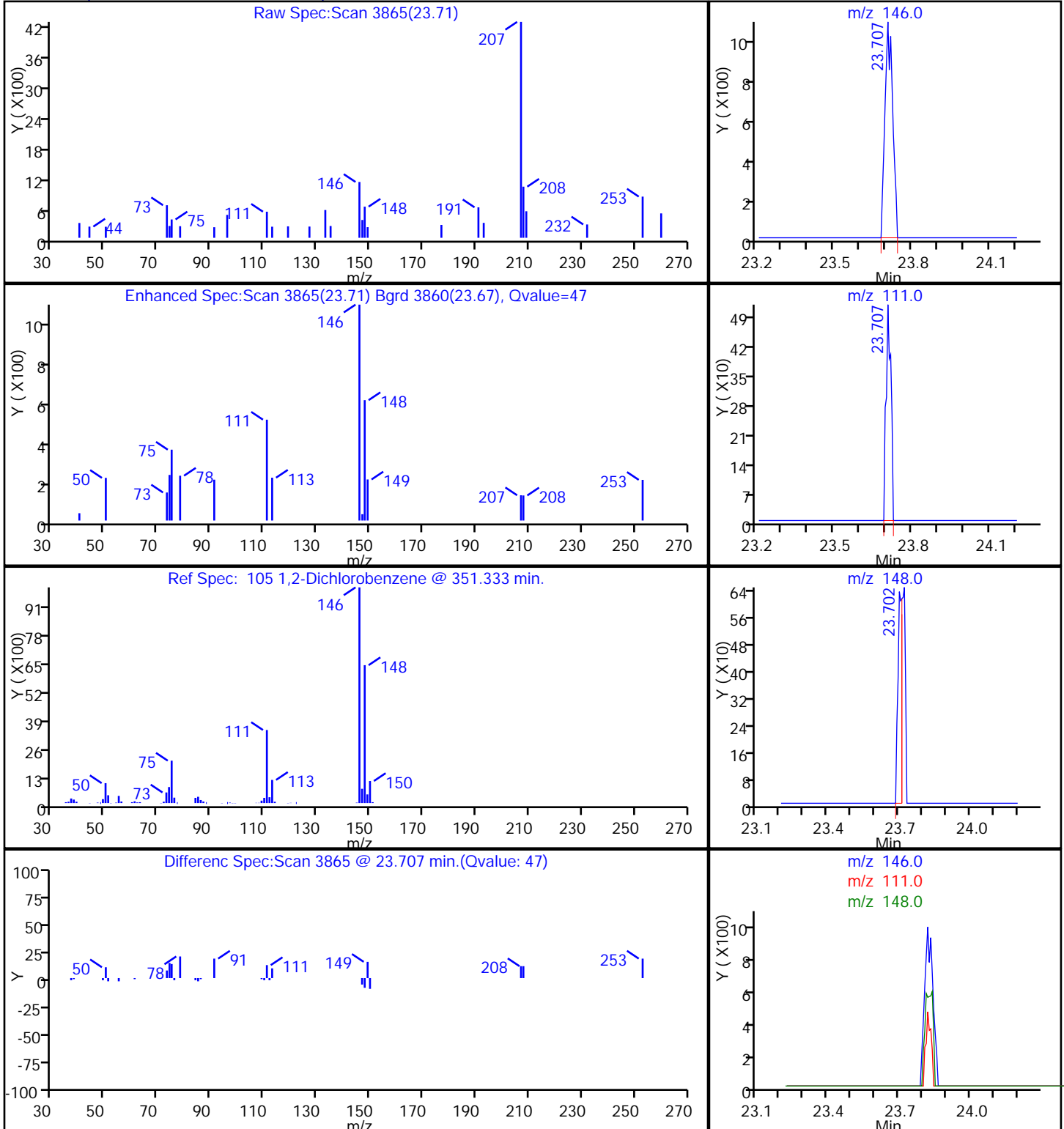
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

105 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_05.D

Injection Date: 26-Feb-2014 14:38:30

Instrument ID: CHC.i

Lims ID: mb

Lab Sample ID: MB 200-68870/5-A

Client ID:

Operator ID: wrd

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

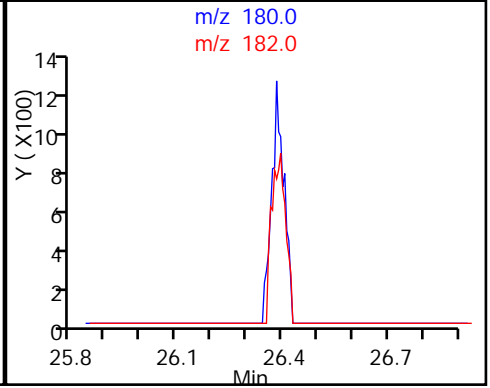
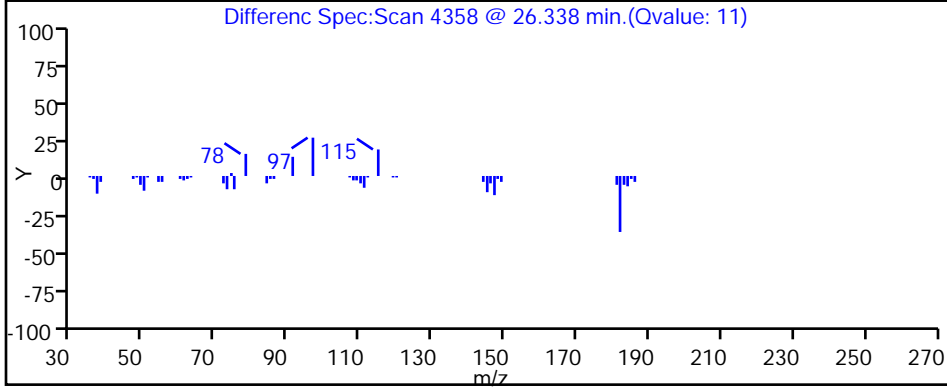
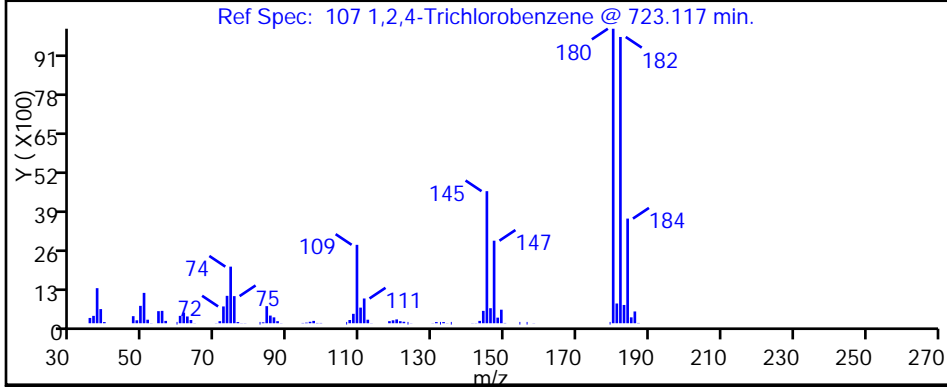
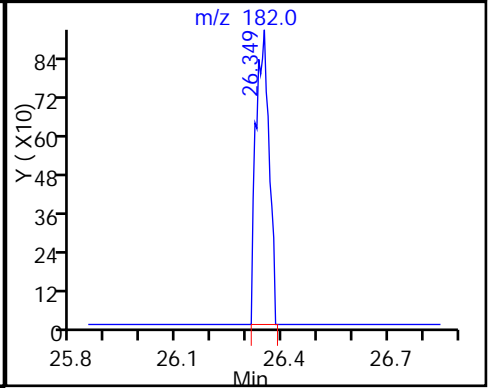
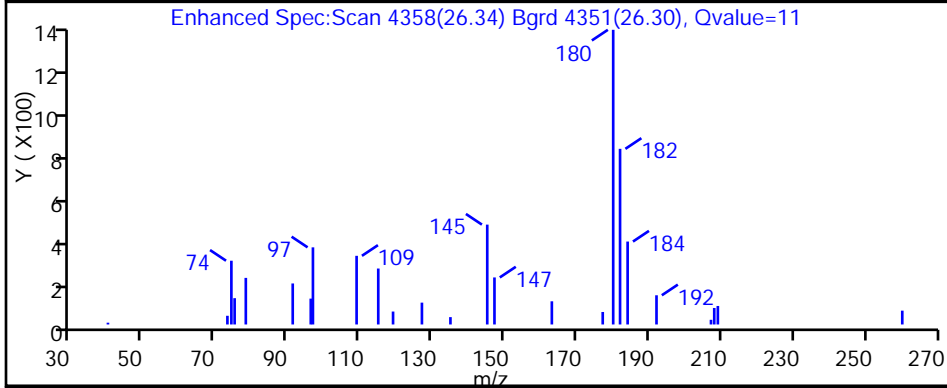
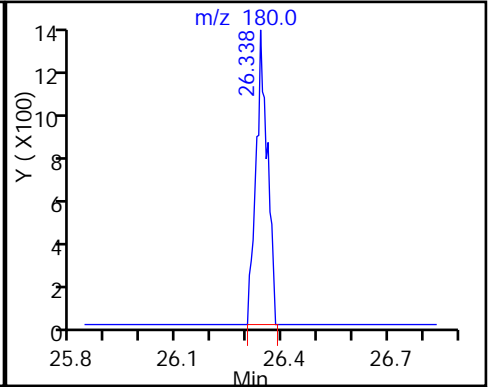
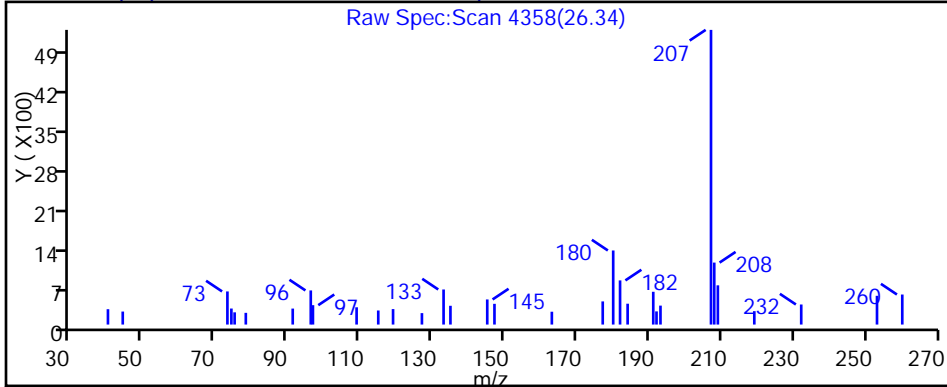
Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

107 1,2,4-Trichlorobenzene, CAS: 120-82-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68420/3
 Matrix: Air Lab File ID: 6171_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 11:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	9.74		0.50	0.030
75-45-6	Freon 22	86.47	9.58		0.50	0.048
76-14-2	Freon-114	170.92	10.1		0.20	0.035
74-87-3	Chloromethane	50.49	9.00		0.50	0.14
106-97-8	n-Butane	58.12	9.76		0.50	0.28
75-01-4	Vinyl chloride	62.50	8.69		0.040	0.038
106-99-0	1,3-Butadiene	54.09	9.52		0.20	0.042
74-83-9	Bromomethane	94.94	8.79		0.20	0.028
75-00-3	Chloroethane	64.52	8.93		0.50	0.030
593-60-2	Vinyl bromide	106.96	9.54		0.20	0.030
75-69-4	Freon 11	137.37	9.62		0.20	0.030
76-13-1	Freon 113	187.38	9.14		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	9.57		0.20	0.024
67-64-1	Acetone	58.08	10.9		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	8.16		5.0	0.22
75-15-0	Carbon disulfide	76.14	10.6		0.50	0.066
107-05-1	Allyl chloride	76.53	10.3		0.50	0.034
75-09-2	Methylene Chloride	84.93	9.61		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	9.11		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	11.4		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	10.5		0.20	0.029
110-54-3	Hexane	86.17	11.5		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	9.26		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	9.57		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	9.94		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	20.4		0.20	0.064
67-66-3	Chloroform	119.38	9.63		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	9.88		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	9.90		0.20	0.021
110-82-7	Cyclohexane	84.16	10.5		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	9.51		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	10.8		0.20	0.027
71-43-2	Benzene	78.11	9.27		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	10.1		0.20	0.017
142-82-5	Heptane	100.21	11.0		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68420/3
 Matrix: Air Lab File ID: 6171_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/17/2014 11:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	9.79		0.040	0.024
80-62-6	Methyl methacrylate	100.12	10.2		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	9.35		0.20	0.032
123-91-1	1,4-Dioxane	88.11	7.65		5.0	0.20
75-27-4	Bromodichloromethane	163.83	9.71		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	10.9		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	10.2		0.50	0.027
108-88-3	Toluene	92.14	9.79		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	10.7		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	9.23		0.20	0.017
127-18-4	Tetrachloroethene	165.83	9.48		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.1		0.50	0.20
124-48-1	Dibromochloromethane	208.29	9.57		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	9.84		0.20	0.020
108-90-7	Chlorobenzene	112.56	8.97		0.20	0.0081
100-41-4	Ethylbenzene	106.17	10.1		0.20	0.013
179601-23-1	m,p-Xylene	106.17	19.4		0.50	0.023
95-47-6	Xylene, o-	106.17	10.4		0.20	0.016
1330-20-7	Xylene (total)	106.17	29.8		0.20	0.034
100-42-5	Styrene	104.15	10.5		0.20	0.018
75-25-2	Bromoform	252.75	9.71		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.98		0.20	0.016
103-65-1	n-Propylbenzene	120.19	10.3		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	10.0		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	9.84		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	9.59		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	9.92		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	10.1		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	9.90		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	10.2		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	9.30		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	9.74		0.20	0.014
100-44-7	Benzyl chloride	126.58	9.91		0.20	0.080
104-51-8	n-Butylbenzene	134.22	9.67		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68420/3
 Matrix: Air Lab File ID: 6171_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/17/2014 11:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68420 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.32		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	7.75		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	8.95		0.20	0.022
91-20-3	Naphthalene	128.17	7.15		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_003.d
 Lims ID: LCS Lab Sample ID: LCS 200-68420/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 17-Feb-2014 11:32:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006171-003
 Misc. Info.: LCS
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 18-Feb-2014 11:49:34 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK028

First Level Reviewer: lyonsb

Date: 17-Feb-2014 12:21:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.378	4.378	0.0	96	226633	9.14	
2 Dichlorodifluoromethane	85	4.474	4.474	0.0	99	1673130	9.74	
6 Chlorodifluoromethane	51	4.538	4.538	0.0	93	623094	9.58	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.827	4.827	0.0	91	1474407	10.1	
8 Chloromethane	50	5.020	5.020	0.0	99	266058	9.00	
9 Butane	43	5.287	5.287	0.0	95	467799	9.76	
10 Vinyl chloride	62	5.341	5.341	0.0	97	369532	8.69	
11 Butadiene	54	5.442	5.442	0.0	95	249098	9.52	
12 Bromomethane	94	6.309	6.309	0.0	98	386783	8.79	
13 BFB								
14 Chloroethane	64	6.593	6.593	0.0	97	202041	8.93	
15 2-Methylbutane	43	6.684	6.684	0.0	86	374107	10.2	
16 Vinyl bromide	106	7.074	7.074	0.0	96	559308	9.54	
17 Trichlorofluoromethane	101	7.192	7.192	0.0	98	1851110	9.62	
18 Pentane	43	7.352	7.352	0.0	93	585118	11.4	
19 Ethanol	45	7.802	7.802	0.0	99	157503	14.7	
21 Ethyl ether	59	7.941	7.941	0.0	91	309300	11.5	
22 Acrolein	56	8.401	8.401	0.0	97	133005	11.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.438	8.438	0.0	93	1101712	9.14	
24 1,1-Dichloroethene	96	8.513	8.513	0.0	97	496714	9.57	
25 Acetone	43	8.749	8.749	0.0	87	596142	10.9	
26 Carbon disulfide	76	9.000	9.000	0.0	99	1269763	10.6	
27 Isopropyl alcohol	45	9.027	9.027	0.0	90	372865	8.16	
29 3-Chloro-1-propene	41	9.407	9.407	0.0	82	378633	10.3	
30 Acetonitrile	41	9.530	9.530	0.0	99	196032	9.81	
31 Methylene Chloride	49	9.733	9.733	0.0	80	364801	9.61	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	98	755617	9.11	
33 Methyl tert-butyl ether	73	10.155	10.155	0.0	95	1559466	11.4	
S 41 1,2-Dichloroethene, Total	61				0		20.5	
34 trans-1,2-Dichloroethene	61	10.230	10.230	0.0	90	658419	10.5	
35 Acrylonitrile	53	10.386	10.386	0.0	94	241307	10.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	36			57	10.648 10.648 0.0	89 606933	11.5
	37			63	11.199 11.199 0.0	99 779270	9.26
	38			43	11.236 11.236 0.0	99 841454	10.8
	39			96	12.376 12.376 0.0	98 544569	9.94
	40			72	12.392 12.392 0.0	98 220939	9.57
	42			88	12.408 12.408 0.0	98 47985	10.7
	44			42	12.852 12.852 0.0	86 338435	9.88
*	43			128	12.852 12.852 0.0	69 375523	10.0
	45			83	12.964 12.964 0.0	100 1211460	9.63
	46			84	13.258 13.258 0.0	83 691595	10.5
	47			97	13.280 13.280 0.0	94 1497127	9.90
	48			117	13.531 13.531 0.0	98 1642584	9.51
	51			57	13.927 13.927 0.0	97 1905134	10.8
	50			78	13.986 13.986 0.0	95 1462517	9.27
	52			62	14.141 14.141 0.0	99 807719	10.1
	53			43	14.275 14.275 0.0	80 604544	11.0
*	54			114	14.746 14.746 0.0	93 1810989	10.0
A	57			1	14.772 6.674 - 22.866	0 206010599	0
	55			56	15.024 15.024 0.0	86 153253	7.83
	56			95	15.206 15.206 0.0	96 794946	9.79
	58			63	15.730 15.730 0.0	83 449222	9.35
	59			69	15.810 15.810 0.0	76 506883	10.2
	60			88	15.901 15.901 0.0	84 211481	7.65
	61			174	15.971 15.971 0.0	88 887974	8.91
	62			83	16.222 16.222 0.0	98 1350171	9.71
A	63			1	16.620 4.368 - 28.889	0 356581210	2715.1
	64			75	17.083 17.083 0.0	91 860828	10.9
	65			43	17.319 17.319 0.0	91 783271	10.2
A	68			1	17.656 17.606 -17.706	0 8582301	NC
	69			43	17.656 17.656 0.0	79 801080	11.0
A	67			1	17.661 17.621 -17.701	0 8582301	NC
	66			92	17.661 17.661 0.0	93 1173170	9.79
	70			75	18.191 18.191 0.0	96 968605	10.7
	71			83	18.560 18.560 0.0	91 551029	9.23
	72			166	18.694 18.694 0.0	99 1412815	9.48
	73			43	18.950 18.950 0.0	91 682736	10.1
	74			129	19.314 19.314 0.0	97 1587658	9.57
	75			107	19.598 19.598 0.0	99 1191851	9.84
S	82			106		0	29.8
*	76			117	20.443 20.443 0.0	79 1651635	10.0
	77			112	20.496 20.496 0.0	96 1797480	8.97
	78			91	20.614 20.614 0.0	97 2815775	10.1
	79			57	20.673 20.673 0.0	78 949095	10.2
	80			106	20.833 20.833 0.0	99 2185385	19.4
	83			106	21.545 21.545 0.0	94 1107428	10.4
	84			104	21.582 21.582 0.0	95 1657151	10.5
	85			173	21.962 21.962 0.0	99 1620005	9.71
	86			105	22.112 22.112 0.0	95 3503795	10.7
\$	87			95	22.444 22.444 0.0	95 1222111	NC
	88			83	22.668 22.668 0.0	94 1456904	8.98
	90			91	22.743 22.743 0.0	99 3944568	10.3
	89			75	22.770 22.770 0.0	92 1170329	9.37

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	22.856	22.856	0.0	82	1285177	9.83
91	4-Ethyltoluene		105	22.909	22.909	0.0	86	3659577	10.0
92	2-Chlorotoluene		91	22.941	22.941	0.0	91	3058752	9.59
94	1,3,5-Trimethylbenzene		105	23.000	23.000	0.0	92	3321159	9.84
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	88	1573879	11.2
96	tert-Butylbenzene		119	23.476	23.476	0.0	90	3251684	9.92
97	1,2,4-Trimethylbenzene		105	23.573	23.573	0.0	97	3256557	10.1
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	4395029	9.90
99	4-Isopropyltoluene		119	24.011	24.011	0.0	82	3996124	10.2
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	97	2182470	9.30
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	95	2128407	9.74
102	Benzyl chloride		91	24.434	24.434	0.0	99	1945267	9.91
104	Undecane		57	24.626	24.626	0.0	88	1281848	9.67
103	n-Butylbenzene		91	24.653	24.653	0.0	97	2863480	9.67
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	97	2129141	9.32
106	Dodecane		57	26.435	26.435	0.0	89	776872	8.96
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	93	910250	7.75
108	Hexachlorobutadiene		225	27.927	27.927	0.0	94	1661925	8.95
109	Naphthalene		128	28.312	28.312	0.0	99	1637524	7.15
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	95	820482	7.50

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140217-6171.b\6171_003.d

Injection Date: 17-Feb-2014 11:32:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: LCS

Lab Sample ID: LCS 200-68420/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

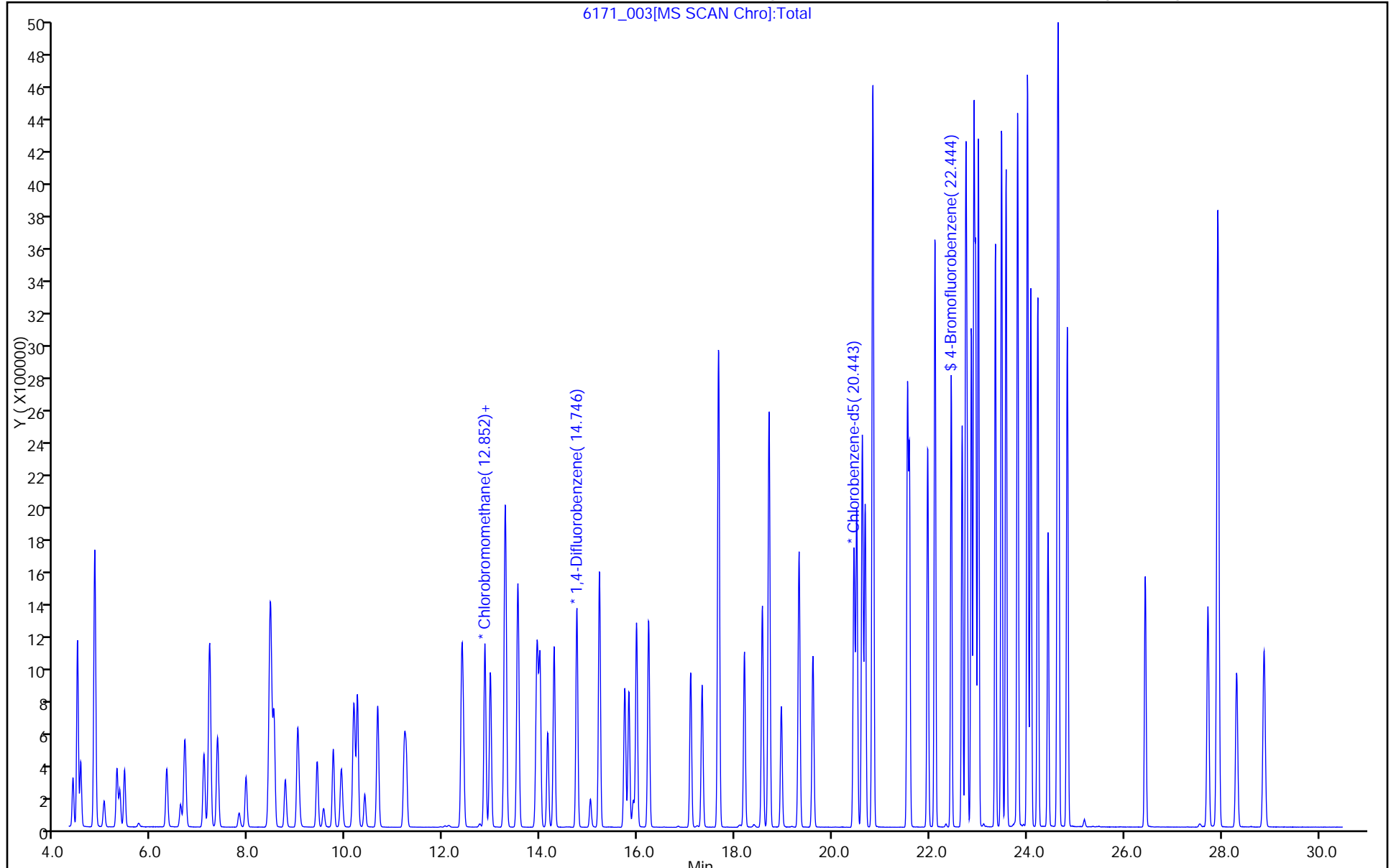
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68679/3
 Matrix: Air Lab File ID: 6267_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 12:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	8.98		0.50	0.030
75-45-6	Freon 22	86.47	8.83		0.50	0.048
76-14-2	Freon-114	170.92	9.89		0.20	0.035
74-87-3	Chloromethane	50.49	8.50		0.50	0.14
106-97-8	n-Butane	58.12	8.85		0.50	0.28
75-01-4	Vinyl chloride	62.50	8.30		0.040	0.038
106-99-0	1,3-Butadiene	54.09	8.47		0.20	0.042
74-83-9	Bromomethane	94.94	9.02		0.20	0.028
75-00-3	Chloroethane	64.52	8.92		0.50	0.030
593-60-2	Vinyl bromide	106.96	9.04		0.20	0.030
75-69-4	Freon 11	137.37	8.79		0.20	0.030
76-13-1	Freon 113	187.38	9.04		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	8.79		0.20	0.024
67-64-1	Acetone	58.08	11.2		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	7.72		5.0	0.22
75-15-0	Carbon disulfide	76.14	10.2		0.50	0.066
107-05-1	Allyl chloride	76.53	8.56		0.50	0.034
75-09-2	Methylene Chloride	84.93	8.89		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	8.24		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	9.10		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	9.62		0.20	0.029
110-54-3	Hexane	86.17	9.59		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	9.09		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	8.96		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	8.92		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	18.5		0.20	0.064
67-66-3	Chloroform	119.38	9.06		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	9.27		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	9.11		0.20	0.021
110-82-7	Cyclohexane	84.16	9.16		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	9.01		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	9.02		0.20	0.027
71-43-2	Benzene	78.11	9.03		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	9.05		0.20	0.017
142-82-5	Heptane	100.21	8.72		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68679/3
 Matrix: Air Lab File ID: 6267_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 12:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	8.88		0.040	0.024
80-62-6	Methyl methacrylate	100.12	9.86		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	9.10		0.20	0.032
123-91-1	1,4-Dioxane	88.11	8.27		5.0	0.20
75-27-4	Bromodichloromethane	163.83	9.43		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	9.53		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	9.16		0.50	0.027
108-88-3	Toluene	92.14	9.06		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	9.56		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	9.05		0.20	0.017
127-18-4	Tetrachloroethene	165.83	8.97		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.24		0.50	0.20
124-48-1	Dibromochloromethane	208.29	9.38		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	9.47		0.20	0.020
108-90-7	Chlorobenzene	112.56	9.21		0.20	0.0081
100-41-4	Ethylbenzene	106.17	9.13		0.20	0.013
179601-23-1	m,p-Xylene	106.17	18.2		0.50	0.023
95-47-6	Xylene, o-	106.17	8.98		0.20	0.016
1330-20-7	Xylene (total)	106.17	27.2		0.20	0.034
100-42-5	Styrene	104.15	9.67		0.20	0.018
75-25-2	Bromoform	252.75	9.91		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.17		0.20	0.016
103-65-1	n-Propylbenzene	120.19	9.19		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	9.45		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	9.06		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	9.02		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	8.91		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	9.21		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	9.09		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	9.26		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	9.97		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	10.0		0.20	0.014
100-44-7	Benzyl chloride	126.58	9.43		0.20	0.080
104-51-8	n-Butylbenzene	134.22	9.42		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68679/3
 Matrix: Air Lab File ID: 6267_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 12:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.72		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	9.29		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	12.1		0.20	0.022
91-20-3	Naphthalene	128.17	8.79		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_003.D
 Lims ID: LCS Lab Sample ID: LCS 200-68745/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 21-Feb-2014 12:36:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-003
 Misc. Info.: lcs
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.057	0.001	96	243986	8.49	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	1981614	8.98	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	94	733422	8.83	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	93	1868207	9.89	
8 Chloromethane	50	3.539	3.539	0.0	99	356186	8.50	
9 Butane	43	3.758	3.758	0.0	97	488687	8.85	
10 Vinyl chloride	62	3.796	3.796	0.0	97	476424	8.30	
11 Butadiene	54	3.882	3.876	0.006	92	283580	8.47	
12 Bromomethane	94	4.577	4.577	0.0	99	737200	9.02	
14 Chloroethane	64	4.828	4.828	0.0	100	203311	8.92	
15 2-Methylbutane	43	4.925	4.919	0.006	86	341395	9.44	
16 Vinyl bromide	106	5.235	5.229	0.006	97	801910	9.04	
17 Trichlorofluoromethane	101	5.353	5.347	0.006	98	2215052	8.79	
18 Pentane	43	5.508	5.508	0.0	94	549589	9.83	
13 BFB								
19 Ethanol	45	5.925	5.925	0.0	96	197116	14.7	
21 Ethyl ether	59	6.043	6.037	0.006	95	278451	9.89	
22 Acrolein	56	6.401	6.406	-0.005	96	144619	10.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	94	1429877	9.04	
24 1,1-Dichloroethene	96	6.498	6.497	0.001	93	588337	8.79	
25 Acetone	43	6.722	6.717	0.005	86	689046	11.2	
26 Carbon disulfide	76	6.883	6.883	0.001	98	1671049	10.2	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	384775	7.72	
29 3-Chloro-1-propene	41	7.305	7.300	0.005	82	378409	8.56	
30 Acetonitrile	41	7.402	7.401	0.001	98	215169	9.04	
31 Methylene Chloride	49	7.600	7.599	0.001	80	441695	8.89	
32 2-Methyl-2-propanol	59	7.840	7.835	0.005	98	729916	8.24	
33 Methyl tert-butyl ether	73	8.038	8.038	0.0	94	1432460	9.10	
34 trans-1,2-Dichloroethene	61	8.065	8.059	0.006	87	703167	9.62	
35 Acrylonitrile	53	8.188	8.182	0.006	93	253911	9.45	
36 Hexane	57	8.493	8.493	0.0	91	566123	9.59	
37 1,1-Dichloroethane	63	8.948	8.947	0.001	99	940883	9.09	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.044	9.044	0.0	99	938564	9.06
	39			10.087	10.087	0.0	91	808796	8.92
	40			10.141	10.135	0.006	97	274814	8.96
S	41						0		18.5
	42			10.210	10.215	-0.005	98	47224	10.2
*	43			10.558	10.563	-0.005	68	703205	10.0
	44			10.574	10.579	-0.005	81	440175	9.27
	45			10.702	10.702	0.0	99	1820986	9.06
	46			10.991	10.991	0.0	83	913242	9.16
	47			11.002	11.002	0.0	95	2148040	9.11
	48			11.275	11.269	0.006	96	2708424	9.01
	50			11.740	11.740	0.0	94	2406160	9.03
	51			11.762	11.761	0.001	98	2869315	9.02
	52			11.911	11.911	0.0	99	1203371	9.05
	53			12.174	12.168	0.006	86	1030492	8.72
*	54			12.623	12.623	0.0	91	3992867	10.0
	55			13.019	13.019	0.0	85	367740	8.07
	56			13.115	13.110	0.005	94	1676887	8.88
A	57			13.294	4.909 - 21.679		0	386457431	0
	58			13.677	13.682	-0.005	91	1141661	9.10
	59			13.885	13.880	0.005	79	1069333	9.86
	60			13.918	13.917	0.001	84	485204	8.27
	61			13.939	13.939	0.0	92	2043492	9.69
	62			14.249	14.249	0.0	97	2937487	9.43
A	63			15.022	3.047 - 26.997		0	612241451	2093.0
	64			15.228	15.228	0.0	87	2021509	9.53
	65			15.533	15.528	0.005	93	1787531	9.16
	66			15.849	15.849	0.0	94	2782828	9.06
	69			15.961	15.961	0.0	85	1850659	9.05
	70			16.443	16.437	0.006	93	2064980	9.56
	71			16.817	16.812	0.005	94	1393066	9.05
	72			16.967	16.961	0.006	97	2961301	8.97
	73			17.288	17.282	0.006	92	1698908	9.24
	74			17.587	17.587	0.0	97	3725852	9.38
	75			17.866	17.860	0.006	99	2933216	9.47
*	76			18.786	18.786	0.0	81	4193236	10.0
	77			18.850	18.844	0.006	98	4103505	9.21
	78			19.016	19.016	0.0	96	5822993	9.13
	79			19.182	19.181	0.001	82	2027719	8.93
	80			19.267	19.272	-0.005	99	4745933	18.2
S	82						0		27.2
	83			20.096	20.102	-0.006	95	2445685	8.98
	84			20.145	20.144	0.001	97	3504437	9.67
	85			20.530	20.530	0.0	98	3721418	9.91
	86			20.765	20.765	0.0	94	6747193	9.00
\$	87			21.108	21.107	0.001	98	2471402	NC
	88			21.364	21.364	0.0	97	3395512	9.17
	89			21.461	21.460	0.001	95	2243446	9.14
	90			21.471	21.471	0.0	99	7110833	9.19
	92			21.653	21.653	0.0	88	4720471	9.02
	91			21.653	21.653	0.0	90	5948367	9.45
	93			21.669	21.669	0.0	83	2100729	9.09

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
94	1,3,5-Trimethylbenzene	105	21.760	21.760	0.0	93	5641449	9.06
95	Alpha Methyl Styrene	118	22.113	22.113	0.0	90	2840197	9.96
96	tert-Butylbenzene	119	22.242	22.242	0.0	91	5632287	8.91
97	1,2,4-Trimethylbenzene	105	22.333	22.332	0.001	95	5545386	9.21
98	sec-Butylbenzene	105	22.563	22.562	0.001	99	7990387	9.09
99	4-Isopropyltoluene	119	22.761	22.760	0.001	95	6756718	9.26
100	1,3-Dichlorobenzene	146	22.777	22.776	0.001	99	3730303	9.97
101	1,4-Dichlorobenzene	146	22.910	22.910	0.0	97	3641925	10.0
102	Benzyl chloride	91	23.103	23.103	0.0	100	3630787	9.43
103	n-Butylbenzene	91	23.338	23.338	0.0	93	5413110	9.42
104	Undecane	57	23.381	23.381	0.0	91	2585565	9.60
105	1,2-Dichlorobenzene	146	23.451	23.451	0.0	99	3837422	9.72
106	Dodecane	57	25.007	25.007	0.0	92	502316	11.9
107	1,2,4-Trichlorobenzene	180	26.013	26.013	0.0	93	2057036	9.29
108	Hexachlorobutadiene	225	26.227	26.227	0.0	93	2264422	12.1
109	Naphthalene	128	26.505	26.505	0.0	99	4639219	8.79
110	1,2,3-Trichlorobenzene	180	26.987	26.987	0.0	96	2033720	11.2

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_003.D

Injection Date: 21-Feb-2014 12:36:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: LCS

Lab Sample ID: LCS 200-68745/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

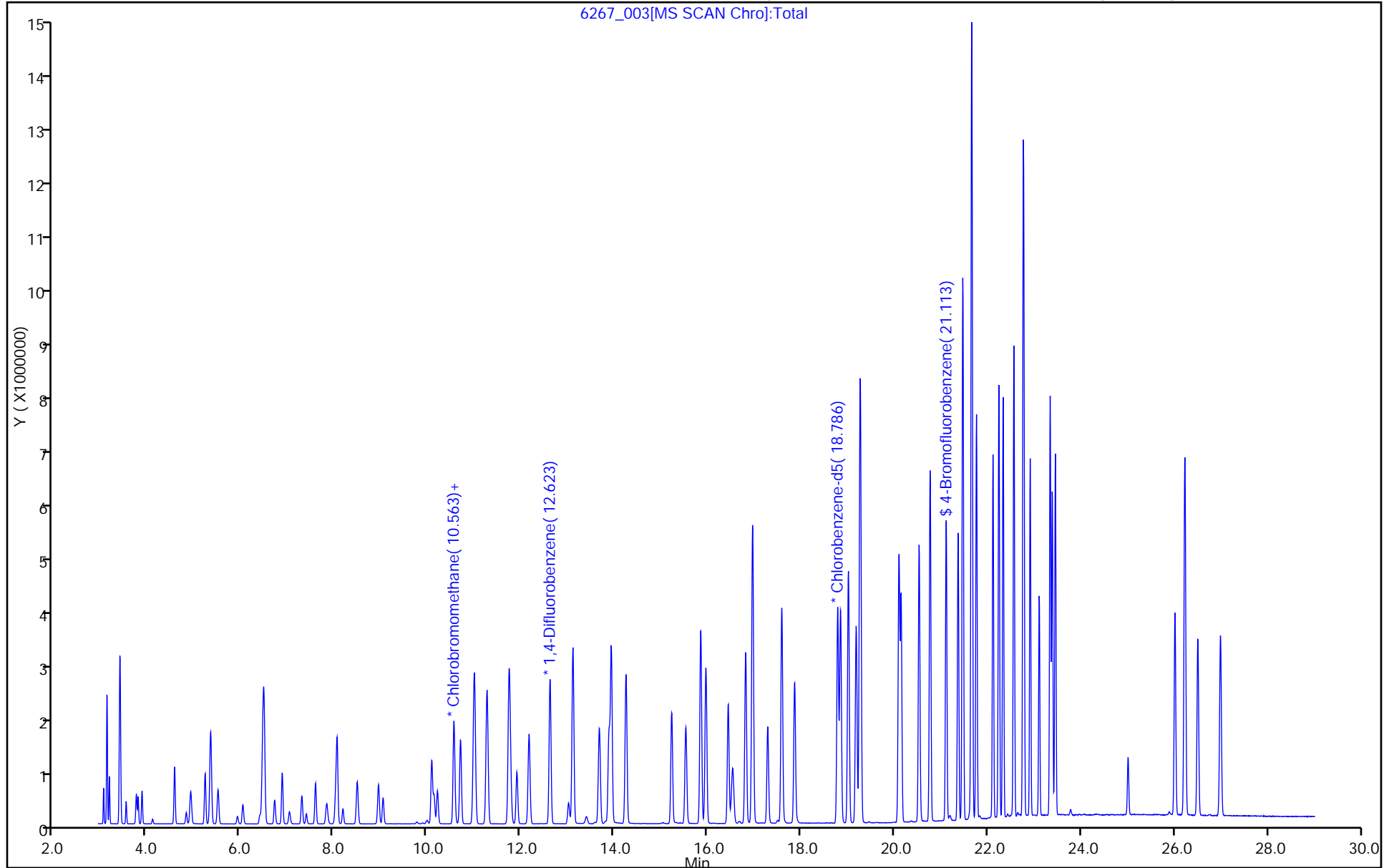
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68730/3
 Matrix: Air Lab File ID: 6282_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	8.87		0.50	0.030
75-45-6	Freon 22	86.47	8.79		0.50	0.048
76-14-2	Freon-114	170.92	9.45		0.20	0.035
74-87-3	Chloromethane	50.49	8.46		0.50	0.14
106-97-8	n-Butane	58.12	9.17		0.50	0.28
75-01-4	Vinyl chloride	62.50	8.29		0.040	0.038
106-99-0	1,3-Butadiene	54.09	8.98		0.20	0.042
74-83-9	Bromomethane	94.94	8.31		0.20	0.028
75-00-3	Chloroethane	64.52	8.51		0.50	0.030
593-60-2	Vinyl bromide	106.96	9.15		0.20	0.030
75-69-4	Freon 11	137.37	8.59		0.20	0.030
76-13-1	Freon 113	187.38	8.70		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	9.34		0.20	0.024
67-64-1	Acetone	58.08	9.94		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	8.46		5.0	0.22
75-15-0	Carbon disulfide	76.14	10.3		0.50	0.066
107-05-1	Allyl chloride	76.53	9.58		0.50	0.034
75-09-2	Methylene Chloride	84.93	8.94		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	8.99		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	10.6		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	9.87		0.20	0.029
110-54-3	Hexane	86.17	11.1		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	8.75		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	9.47		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	9.53		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	19.4		0.20	0.064
67-66-3	Chloroform	119.38	8.94		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	9.51		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	8.99		0.20	0.021
110-82-7	Cyclohexane	84.16	10.2		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	8.59		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	10.5		0.20	0.027
71-43-2	Benzene	78.11	9.01		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	9.08		0.20	0.017
142-82-5	Heptane	100.21	10.5		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68730/3
 Matrix: Air Lab File ID: 6282_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	9.44		0.040	0.024
80-62-6	Methyl methacrylate	100.12	9.95		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	9.06		0.20	0.032
123-91-1	1,4-Dioxane	88.11	8.81		5.0	0.20
75-27-4	Bromodichloromethane	163.83	9.00		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	10.5		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	9.70		0.50	0.027
108-88-3	Toluene	92.14	9.69		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	10.1		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	9.17		0.20	0.017
127-18-4	Tetrachloroethene	165.83	9.22		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.74		0.50	0.20
124-48-1	Dibromochloromethane	208.29	9.14		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	9.57		0.20	0.020
108-90-7	Chlorobenzene	112.56	8.91		0.20	0.0081
100-41-4	Ethylbenzene	106.17	9.74		0.20	0.013
179601-23-1	m,p-Xylene	106.17	19.0		0.50	0.023
95-47-6	Xylene, o-	106.17	10.2		0.20	0.016
1330-20-7	Xylene (total)	106.17	29.2		0.20	0.034
100-42-5	Styrene	104.15	10.3		0.20	0.018
75-25-2	Bromoform	252.75	9.24		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.76		0.20	0.016
103-65-1	n-Propylbenzene	120.19	9.84		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	9.67		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	9.32		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	9.09		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	9.50		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	9.60		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	9.52		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	9.81		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	9.12		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	9.63		0.20	0.014
100-44-7	Benzyl chloride	126.58	9.76		0.20	0.080
104-51-8	n-Butylbenzene	134.22	9.20		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68730/3
 Matrix: Air Lab File ID: 6282_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.05		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	8.37		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	8.77		0.20	0.022
91-20-3	Naphthalene	128.17	8.30		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_003.d
 Lims ID: LCS Lab Sample ID: LCS 200-68730/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 24-Feb-2014 12:29:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-003
 Misc. Info.: LCS
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 16:53:24 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 15:16:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.367	4.367	0.0	96	251306	8.60	
2 Dichlorodifluoromethane	85	4.463	4.463	0.0	99	1796394	8.87	
6 Chlorodifluoromethane	51	4.528	4.528	0.0	93	674710	8.79	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.816	4.816	0.0	91	1632297	9.45	
8 Chloromethane	50	5.009	5.009	0.0	98	294853	8.46	
9 Butane	43	5.276	5.276	0.0	96	518013	9.17	
10 Vinyl chloride	62	5.335	5.335	0.0	97	416130	8.29	
11 Butadiene	54	5.432	5.432	0.0	93	277310	8.98	
12 Bromomethane	94	6.298	6.298	0.0	98	431336	8.31	
13 BFB								
14 Chloroethane	64	6.587	6.587	0.0	95	227129	8.51	
15 2-Methylbutane	43	6.673	6.673	0.0	86	403334	9.35	
16 Vinyl bromide	106	7.063	7.063	0.0	97	632785	9.15	
17 Trichlorofluoromethane	101	7.181	7.181	0.0	98	1950386	8.59	
18 Pentane	43	7.347	7.347	0.0	94	643125	10.6	
19 Ethanol	45	7.796	7.796	0.0	99	207952	16.4	
21 Ethyl ether	59	7.935	7.935	0.0	90	346349	11.0	
22 Acrolein	56	8.395	8.395	0.0	97	150295	11.3	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.433	8.433	0.0	93	1235929	8.70	
24 1,1-Dichloroethene	96	8.508	8.508	0.0	94	571710	9.34	
25 Acetone	43	8.743	8.743	0.0	87	639288	9.94	
26 Carbon disulfide	76	8.995	8.995	0.0	99	1452145	10.3	
27 Isopropyl alcohol	45	9.027	9.027	0.0	95	455684	8.46	
29 3-Chloro-1-propene	41	9.401	9.401	0.0	81	417021	9.58	
30 Acetonitrile	41	9.530	9.530	0.0	98	229312	9.73	
31 Methylene Chloride	49	9.727	9.727	0.0	79	400147	8.94	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	99	878699	8.99	
33 Methyl tert-butyl ether	73	10.155	10.155	0.0	95	1722441	10.6	
S 41 1,2-Dichloroethene, Total	61				0		19.4	
34 trans-1,2-Dichloroethene	61	10.230	10.230	0.0	88	728023	9.87	
35 Acrylonitrile	53	10.380	10.380	0.0	93	272249	9.92	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
36	Hexane		57	10.648	10.648	0.0	89	687505	11.1
37	1,1-Dichloroethane		63	11.193	11.193	0.0	99	868690	8.75
38	Vinyl acetate		43	11.236	11.236	0.0	99	922999	10.0
39	cis-1,2-Dichloroethene		96	12.370	12.370	0.0	96	616222	9.53
40	2-Butanone (MEK)		72	12.386	12.386	0.0	99	257790	9.47
42	Ethyl acetate		88	12.408	12.408	0.0	98	56107	10.6
44	Tetrahydrofuran		42	12.846	12.846	0.0	83	381041	9.51
*	43 Chlorobromomethane		128	12.857	12.857	0.0	69	442925	10.0
45	Chloroform		83	12.964	12.964	0.0	100	1326315	8.94
46	Cyclohexane		84	13.258	13.258	0.0	82	787811	10.2
47	1,1,1-Trichloroethane		97	13.274	13.274	0.0	93	1588759	8.99
48	Carbon tetrachloride		117	13.531	13.531	0.0	97	1734513	8.59
51	Isooctane		57	13.922	13.922	0.0	97	2159988	10.5
50	Benzene		78	13.980	13.980	0.0	94	1663325	9.01
52	1,2-Dichloroethane		62	14.141	14.141	0.0	99	848364	9.08
53	n-Heptane		43	14.269	14.269	0.0	82	673235	10.5
*	54 1,4-Difluorobenzene		114	14.745	14.745	0.0	92	2117890	10.0
A	57 GRO		1	14.764	6.663 - 22.866		0	227562774	0
55	n-Butanol		56	15.024	15.024	0.0	84	203718	8.90
56	Trichloroethene		95	15.206	15.206	0.0	95	897045	9.44
58	1,2-Dichloropropane		63	15.730	15.730	0.0	85	509276	9.06
59	Methyl methacrylate		69	15.810	15.810	0.0	76	579834	9.95
60	1,4-Dioxane		88	15.901	15.901	0.0	84	284548	8.81
61	Dibromomethane		174	15.971	15.971	0.0	89	1014873	8.71
62	Dichlorobromomethane		83	16.217	16.217	0.0	98	1464325	9.00
A	63 TVOC as Toluene		1	16.623	4.357 - 28.889		0	396084511	2578.9
64	cis-1,3-Dichloropropene		75	17.083	17.083	0.0	90	962126	10.5
65	4-Methyl-2-pentanone (MIBK)		43	17.319	17.319	0.0	90	873591	9.70
A	68 C8 Range		1	17.656	17.606 - 17.706		0	9597893	NC
69	n-Octane		43	17.656	17.656	0.0	78	889945	10.4
66	Toluene		92	17.656	17.656	0.0	93	1345364	9.69
A	67 Toluene Range		1	17.656	17.616 - 17.696		0	9597893	NC
70	trans-1,3-Dichloropropene		75	18.191	18.191	0.0	95	1063759	10.1
71	1,1,2-Trichloroethane		83	18.554	18.554	0.0	92	634935	9.17
72	Tetrachloroethene		166	18.699	18.699	0.0	98	1593894	9.22
73	2-Hexanone		43	18.945	18.945	0.0	91	761370	9.74
74	Chlorodibromomethane		129	19.314	19.314	0.0	97	1757290	9.14
75	Ethylene Dibromide		107	19.598	19.598	0.0	99	1345374	9.57
S	82 Xylenes, Total		106				0		29.2
*	76 Chlorobenzene-d5		117	20.443	20.443	0.0	82	1915306	10.0
77	Chlorobenzene		112	20.496	20.496	0.0	97	2071273	8.91
78	Ethylbenzene		91	20.614	20.614	0.0	96	3161626	9.74
79	n-Nonane		57	20.673	20.673	0.0	78	1071141	9.89
80	m-Xylene & p-Xylene		106	20.833	20.833	0.0	100	2491780	19.0
83	o-Xylene		106	21.545	21.545	0.0	94	1255449	10.2
84	Styrene		104	21.582	21.582	0.0	95	1887709	10.3
85	Bromoform		173	21.957	21.957	0.0	99	1788011	9.24
86	Isopropylbenzene		105	22.107	22.107	0.0	95	3916347	10.3
\$	87 4-Bromofluorobenzene		95	22.444	22.444	0.0	97	1361886	NC
88	1,1,2,2-Tetrachloroethane		83	22.668	22.668	0.0	94	1648681	8.76
90	N-Propylbenzene		91	22.743	22.743	0.0	98	4348009	9.84
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	93	1287017	8.89

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	22.856	22.856	0.0	82	1447368	9.55
91	4-Ethyltoluene		105	22.909	22.909	0.0	97	4089000	9.67
92	2-Chlorotoluene		91	22.941	22.941	0.0	90	3360659	9.09
94	1,3,5-Trimethylbenzene		105	23.000	23.000	0.0	92	3645255	9.32
95	Alpha Methyl Styrene		118	23.348	23.348	0.0	89	1769273	10.9
96	tert-Butylbenzene		119	23.476	23.476	0.0	93	3609004	9.50
97	1,2,4-Trimethylbenzene		105	23.567	23.567	0.0	97	3585568	9.60
98	sec-Butylbenzene		105	23.808	23.808	0.0	97	4900166	9.52
99	4-Isopropyltoluene		119	24.011	24.011	0.0	92	4439572	9.81
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	97	2481243	9.12
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	2439983	9.63
102	Benzyl chloride		91	24.434	24.434	0.0	100	2221148	9.76
104	Undecane		57	24.626	24.626	0.0	88	1442665	9.39
103	n-Butylbenzene		91	24.648	24.648	0.0	97	3160214	9.20
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	98	2398120	9.05
106	Dodecane		57	26.435	26.435	0.0	89	959006	9.53
107	1,2,4-Trichlorobenzene		180	27.729	27.729	0.0	94	1138677	8.37
108	Hexachlorobutadiene		225	27.932	27.932	0.0	95	1888540	8.77
109	Naphthalene		128	28.312	28.312	0.0	99	2203604	8.30
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	94	1047028	8.25

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_003.d

Injection Date: 24-Feb-2014 12:29:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: LCS

Lab Sample ID: LCS 200-68730/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

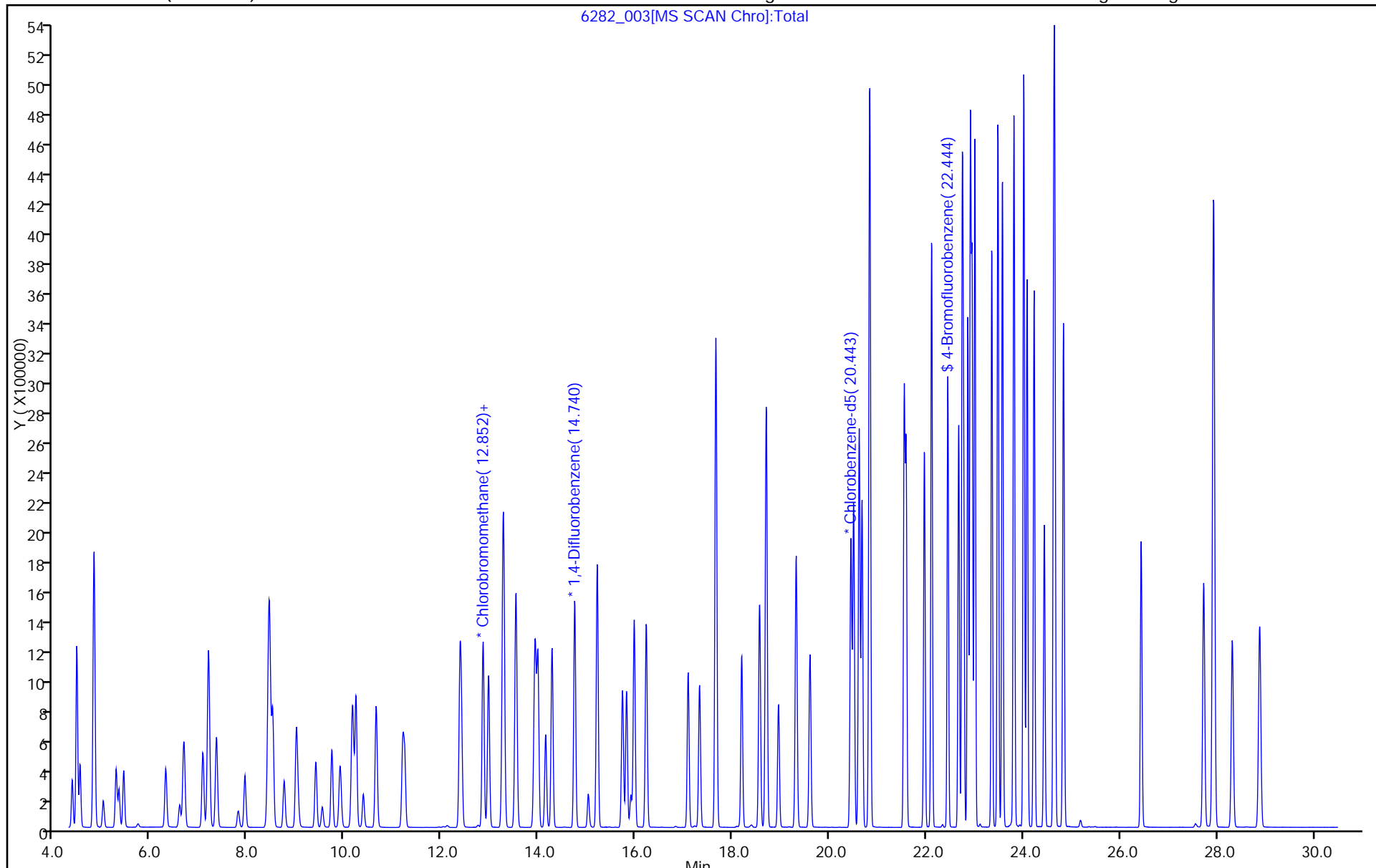
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68811/3
 Matrix: Air Lab File ID: 6318_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/25/2014 13:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	10.4		0.50	0.030
75-45-6	Freon 22	86.47	10.7		0.50	0.048
76-14-2	Freon-114	170.92	10.4		0.20	0.035
74-87-3	Chloromethane	50.49	10.6		0.50	0.14
106-97-8	n-Butane	58.12	10.6		0.50	0.28
75-01-4	Vinyl chloride	62.50	10.1		0.040	0.038
106-99-0	1,3-Butadiene	54.09	10.5		0.20	0.042
74-83-9	Bromomethane	94.94	10.3		0.20	0.028
75-00-3	Chloroethane	64.52	10.3		0.50	0.030
593-60-2	Vinyl bromide	106.96	10.4		0.20	0.030
75-69-4	Freon 11	137.37	10.1		0.20	0.030
76-13-1	Freon 113	187.38	10.2		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	10.2		0.20	0.024
67-64-1	Acetone	58.08	10.0		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	10.7		5.0	0.22
75-15-0	Carbon disulfide	76.14	10.4		0.50	0.066
107-05-1	Allyl chloride	76.53	10.6		0.50	0.034
75-09-2	Methylene Chloride	84.93	10.3		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	10.4		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	10.5		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	10.5		0.20	0.029
110-54-3	Hexane	86.17	10.3		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	10.4		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	9.83		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	10.4		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	20.9		0.20	0.064
67-66-3	Chloroform	119.38	10.2		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	10.7		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	10.1		0.20	0.021
110-82-7	Cyclohexane	84.16	10.3		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	10.0		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	10.4		0.20	0.027
71-43-2	Benzene	78.11	10.2		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	10.2		0.20	0.017
142-82-5	Heptane	100.21	9.98		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68811/3
 Matrix: Air Lab File ID: 6318_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/25/2014 13:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	9.84		0.040	0.024
80-62-6	Methyl methacrylate	100.12	10.7		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	10.4		0.20	0.032
123-91-1	1,4-Dioxane	88.11	10.8		5.0	0.20
75-27-4	Bromodichloromethane	163.83	10.6		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	10.7		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	10.6		0.50	0.027
108-88-3	Toluene	92.14	10.2		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	10.7		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	10.2		0.20	0.017
127-18-4	Tetrachloroethene	165.83	10.0		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.0		0.50	0.20
124-48-1	Dibromochloromethane	208.29	10.9		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	10.6		0.20	0.020
108-90-7	Chlorobenzene	112.56	10.4		0.20	0.0081
100-41-4	Ethylbenzene	106.17	10.4		0.20	0.013
179601-23-1	m,p-Xylene	106.17	20.9		0.50	0.023
95-47-6	Xylene, o-	106.17	10.5		0.20	0.016
1330-20-7	Xylene (total)	106.17	31.4		0.20	0.034
100-42-5	Styrene	104.15	11.2		0.20	0.018
75-25-2	Bromoform	252.75	11.3		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.4		0.20	0.016
103-65-1	n-Propylbenzene	120.19	10.6		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	10.7		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	10.5		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	10.3		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	10.3		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	10.6		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	10.5		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	10.7		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	11.4		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	11.6		0.20	0.014
100-44-7	Benzyl chloride	126.58	11.9		0.20	0.080
104-51-8	n-Butylbenzene	134.22	11.0		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68811/3
 Matrix: Air Lab File ID: 6318_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/25/2014 13:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68811 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	11.1		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	11.3		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	14.5		0.20	0.022
91-20-3	Naphthalene	128.17	12.0		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_003.D
 Lims ID: LCS Lab Sample ID: LCS 200-68813/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 25-Feb-2014 13:51:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006318-003
 Misc. Info.: CCVIS
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 11:33:24 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

First Level Reviewer: lyonsb

Date: 25-Feb-2014 14:52:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.057	3.057	0.0	97	289924	10.3	
2 Dichlorodifluoromethane	85	3.132	3.132	0.0	99	2254699	10.4	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	867849	10.7	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	90	1924265	10.4	
8 Chloromethane	50	3.539	3.539	0.0	99	436982	10.6	
9 Butane	43	3.758	3.758	0.0	96	573417	10.6	
10 Vinyl chloride	62	3.796	3.796	0.0	96	565934	10.1	
11 Butadiene	54	3.881	3.881	0.0	92	343400	10.5	
12 Bromomethane	94	4.577	4.577	0.0	98	823540	10.3	
13 BFB								
14 Chloroethane	64	4.828	4.828	0.0	100	228832	10.3	
15 2-Methylbutane	43	4.925	4.925	0.0	86	353853	10.0	
16 Vinyl bromide	106	5.235	5.235	0.0	97	908067	10.4	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	2488128	10.1	
18 Pentane	43	5.508	5.508	0.0	94	584677	10.7	
19 Ethanol	45	5.930	5.930	0.0	96	206647	15.7	
21 Ethyl ether	59	6.043	6.043	0.0	95	286897	10.4	
22 Acrolein	56	6.406	6.406	0.0	95	143932	10.9	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	1586561	10.2	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	93	667040	10.2	
25 Acetone	43	6.722	6.722	0.0	86	607516	10.0	
26 Carbon disulfide	76	6.888	6.888	0.0	98	1668638	10.4	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	520259	10.7	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	82	458501	10.6	
30 Acetonitrile	41	7.401	7.401	0.0	98	253612	10.9	
31 Methylene Chloride	49	7.599	7.599	0.0	81	503229	10.3	
32 2-Methyl-2-propanol	59	7.840	7.840	0.0	99	906588	10.4	
33 Methyl tert-butyl ether	73	8.043	8.043	0.0	94	1622611	10.5	
34 trans-1,2-Dichloroethene	61	8.065	8.065	0.0	87	749802	10.5	
35 Acrylonitrile	53	8.188	8.188	0.0	95	283812	10.8	
36 Hexane	57	8.493	8.493	0.0	90	598385	10.3	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	99	1056746	10.4
	38	Vinyl acetate	43	9.049	9.049	0.0	100	1091752	10.8
	39	cis-1,2-Dichloroethene	96	10.087	10.087	0.0	91	921954	10.4
	40	2-Butanone (MEK)	72	10.135	10.135	0.0	98	295221	9.83
S	41	1,2-Dichloroethene, Total	61				0		20.9
	42	Ethyl acetate	88	10.215	10.215	0.0	98	50791	11.2
*	43	Chlorobromomethane	128	10.563	10.563	0.0	68	688967	10.0
	44	Tetrahydrofuran	42	10.579	10.579	0.0	84	502380	10.7
	45	Chloroform	83	10.708	10.708	0.0	99	2016981	10.2
	46	Cyclohexane	84	10.991	10.991	0.0	84	1013517	10.3
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	95	2352186	10.1
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	2970041	10.0
	50	Benzene	78	11.745	11.745	0.0	94	2674476	10.2
	51	Isooctane	57	11.767	11.767	0.0	99	3274072	10.4
	52	1,2-Dichloroethane	62	11.911	11.911	0.0	99	1343306	10.2
	53	n-Heptane	43	12.179	12.179	0.0	87	1163041	9.98
*	54	1,4-Difluorobenzene	114	12.623	12.623	0.0	91	3939447	10.0
	55	n-Butanol	56	13.019	13.019	0.0	84	465719	10.4
	56	Trichloroethene	95	13.115	13.115	0.0	94	1834360	9.84
A	57	GRO	1	13.297	4.915 - 21.679		0	431920677	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	91	1282809	10.4
	59	Methyl methacrylate	69	13.885	13.885	0.0	80	1146139	10.7
	60	1,4-Dioxane	88	13.912	13.912	0.0	85	624656	10.8
	61	Dibromomethane	174	13.939	13.939	0.0	95	2193879	10.5
	62	Dichlorobromomethane	83	14.254	14.254	0.0	97	3257639	10.6
A	63	TVOC as Toluene	1	15.025	3.047 - 27.002		0	691103984	2394.6
	64	cis-1,3-Dichloropropene	75	15.233	15.233	0.0	87	2241430	10.7
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	93	2041800	10.6
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	10954701	NC
	66	Toluene	92	15.854	15.854	0.0	93	3010467	10.2
A	68	C8 Range	1	15.966	15.916 - 16.016		0	9112688	NC
	69	n-Octane	43	15.966	15.966	0.0	85	2080989	10.3
	70	trans-1,3-Dichloropropene	75	16.442	16.442	0.0	93	2278679	10.7
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	94	1517133	10.2
	72	Tetrachloroethene	166	16.967	16.967	0.0	97	3188666	10.0
	73	2-Hexanone	43	17.288	17.288	0.0	92	1947600	11.0
	74	Chlorodibromomethane	129	17.587	17.587	0.0	97	4170403	10.9
	75	Ethylene Dibromide	107	17.865	17.865	0.0	99	3165221	10.6
*	76	Chlorobenzene-d5	117	18.791	18.791	0.0	80	4046568	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	98	4484212	10.4
	78	Ethylbenzene	91	19.016	19.016	0.0	96	6405037	10.4
	79	n-Nonane	57	19.187	19.187	0.0	83	2251071	10.3
	80	m-Xylene & p-Xylene	106	19.272	19.272	0.0	99	5260209	20.9
S	82	Xylenes, Total	106				0		31.4
	83	o-Xylene	106	20.102	20.102	0.0	95	2748866	10.5
	84	Styrene	104	20.144	20.144	0.0	97	3929844	11.2
	85	Bromoform	173	20.535	20.535	0.0	98	4113474	11.3
	86	Isopropylbenzene	105	20.770	20.770	0.0	94	7554762	10.4
\$	87	4-Bromofluorobenzene	95	21.113	21.113	0.0	98	2389350	NC
	88	1,1,2,2-Tetrachloroethane	83	21.370	21.370	0.0	97	3722349	10.4
	89	1,2,3-Trichloropropane	75	21.460	21.460	0.0	95	2514028	10.6
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	7931136	10.6

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
92	2-Chlorotoluene		91	21.653	21.653	0.0	88	5199326	10.3
91	4-Ethyltoluene		105	21.658	21.658	0.0	89	6498947	10.7
93	n-Decane		57	21.669	21.669	0.0	83	2347842	10.5
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	94	6285731	10.5
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	3183244	11.6
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	6259931	10.3
97	1,2,4-Trimethylbenzene		105	22.332	22.332	0.0	96	6151738	10.6
98	sec-Butylbenzene		105	22.562	22.562	0.0	99	8944883	10.5
99	4-Isopropyltoluene		119	22.760	22.760	0.0	95	7543363	10.7
100	1,3-Dichlorobenzene		146	22.776	22.776	0.0	99	4117267	11.4
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	97	4052302	11.6
102	Benzyl chloride		91	23.108	23.108	0.0	100	4412480	11.9
103	n-Butylbenzene		91	23.338	23.338	0.0	91	6096039	11.0
104	Undecane		57	23.386	23.386	0.0	91	2904826	11.2
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	99	4239830	11.1
106	Dodecane		57	25.013	25.013	0.0	92	805604	19.8
107	1,2,4-Trichlorobenzene		180	26.018	26.018	0.0	94	2404443	11.3
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	2614625	14.5
109	Naphthalene		128	26.505	26.505	0.0	99	6098832	12.0
110	1,2,3-Trichlorobenzene		180	26.992	26.992	0.0	96	2556057	14.6

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140225-6318.b\6318_003.D

Injection Date: 25-Feb-2014 13:51:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: LCS

Lab Sample ID: LCS 200-68813/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

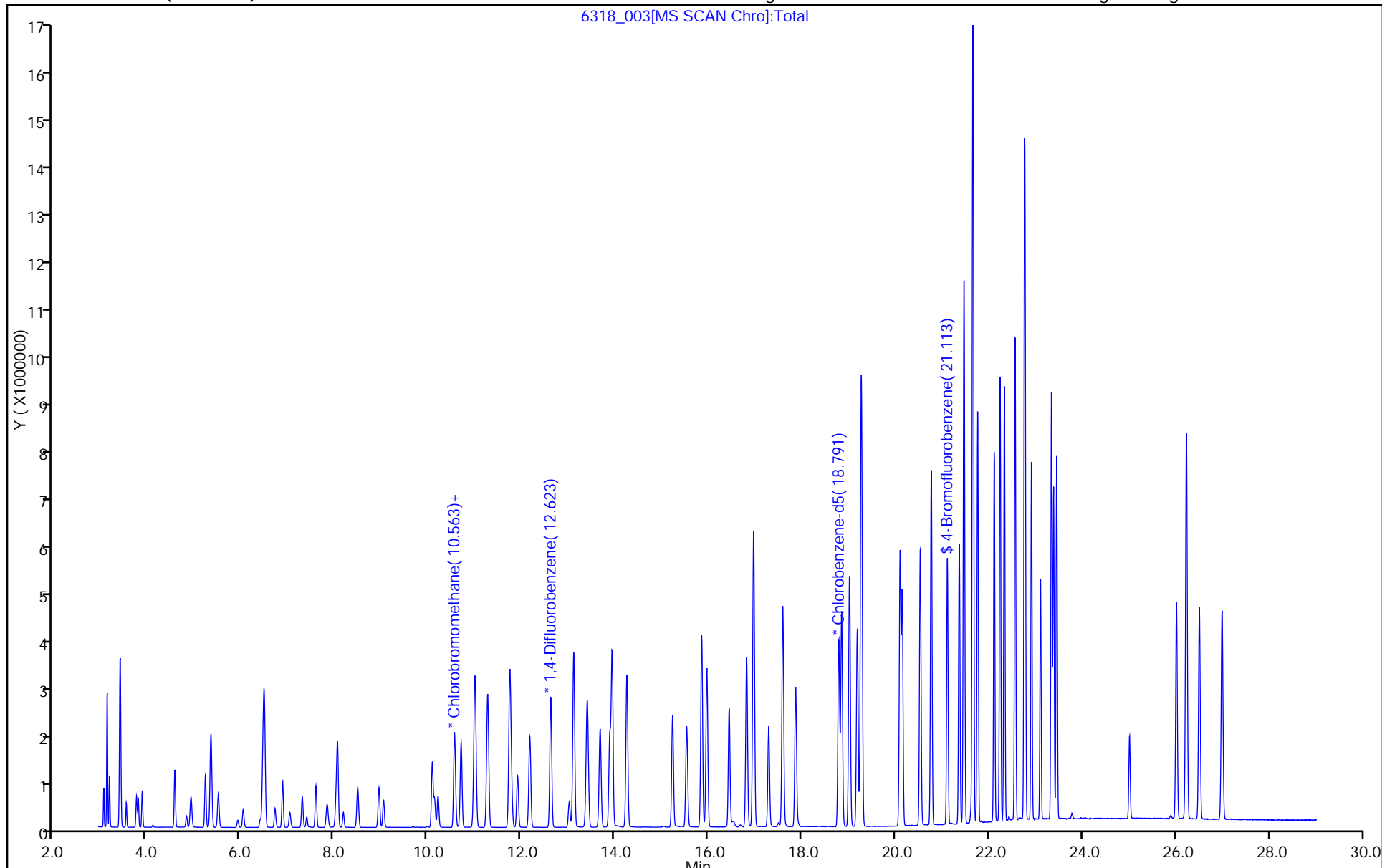
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68870/4
 Matrix: Air Lab File ID: 6343_04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/26/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	11.8		0.50	0.030
75-45-6	Freon 22	86.47	12.5		0.50	0.048
76-14-2	Freon-114	170.92	11.5		0.20	0.035
74-87-3	Chloromethane	50.49	12.2		0.50	0.14
106-97-8	n-Butane	58.12	12.5		0.50	0.28
75-01-4	Vinyl chloride	62.50	12.1		0.040	0.038
106-99-0	1,3-Butadiene	54.09	12.0		0.20	0.042
74-83-9	Bromomethane	94.94	11.4		0.20	0.028
75-00-3	Chloroethane	64.52	12.0		0.50	0.030
593-60-2	Vinyl bromide	106.96	11.0		0.20	0.030
75-69-4	Freon 11	137.37	11.3		0.20	0.030
76-13-1	Freon 113	187.38	11.2		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	11.1		0.20	0.024
67-64-1	Acetone	58.08	12.2		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	12.1		5.0	0.22
75-15-0	Carbon disulfide	76.14	11.0		0.50	0.066
107-05-1	Allyl chloride	76.53	12.4		0.50	0.034
75-09-2	Methylene Chloride	84.93	11.5		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	11.2		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	11.2		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	11.5		0.20	0.029
110-54-3	Hexane	86.17	11.1		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	11.3		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	10.1		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	10.7		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	22.2		0.20	0.064
67-66-3	Chloroform	119.38	10.8		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	12.5		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	11.2		0.20	0.021
110-82-7	Cyclohexane	84.16	10.8		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	11.4		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	10.9		0.20	0.027
71-43-2	Benzene	78.11	10.6		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	11.4		0.20	0.017
142-82-5	Heptane	100.21	11.1		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68870/4
 Matrix: Air Lab File ID: 6343_04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/26/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	10.8		0.040	0.024
80-62-6	Methyl methacrylate	100.12	10.8		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	10.6		0.20	0.032
123-91-1	1,4-Dioxane	88.11	10.4		5.0	0.20
75-27-4	Bromodichloromethane	163.83	11.3		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	11.0		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	11.5		0.50	0.027
108-88-3	Toluene	92.14	10.7		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	10.9		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	10.8		0.20	0.017
127-18-4	Tetrachloroethene	165.83	11.4		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.6		0.50	0.20
124-48-1	Dibromochloromethane	208.29	11.3		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	11.0		0.20	0.020
108-90-7	Chlorobenzene	112.56	10.8		0.20	0.0081
100-41-4	Ethylbenzene	106.17	10.9		0.20	0.013
179601-23-1	m,p-Xylene	106.17	22.1		0.50	0.023
95-47-6	Xylene, o-	106.17	10.8		0.20	0.016
1330-20-7	Xylene (total)	106.17	32.9		0.20	0.034
100-42-5	Styrene	104.15	11.1		0.20	0.018
75-25-2	Bromoform	252.75	11.5		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	11.0		0.20	0.016
103-65-1	n-Propylbenzene	120.19	11.1		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	11.5		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	11.1		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	11.4		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	11.0		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	11.2		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	11.1		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	11.2		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	11.2		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	11.2		0.20	0.014
100-44-7	Benzyl chloride	126.58	11.1		0.20	0.080
104-51-8	n-Butylbenzene	134.22	11.8		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-1
 SDG No.: 200-20955-1
 Client Sample ID: _____ Lab Sample ID: LCS 200-68870/4
 Matrix: Air Lab File ID: 6343_04.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/26/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68870 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	11.0		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	13.2		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	12.0		0.20	0.022
91-20-3	Naphthalene	128.17	15.7		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_04.D
 Lims ID: lcs Lab Sample ID: LCS 200-68870/4-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Feb-2014 13:46:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006343-004
 Misc. Info.: lcs
 Operator ID: wrd Instrument ID: CHC.i
 Method: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\TO15_LLNJ_TO3_CHC.m
 Limit Group: AI_TO15_ICAL
 Last Update: 26-Feb-2014 12:30:40 Calib Date: 03-Jan-2014 15:48:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHC.i\20140103-5623.b\cma010.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK053

First Level Reviewer: desjardinsb

Date: 26-Feb-2014 14:43:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
4 Propene	41	3.181	3.181	0.0	99	88215	13.2	
5 Dichlorodifluoromethane	85	3.256	3.261	-0.005	98	798287	11.8	
6 Chlorodifluoromethane	51	3.320	3.320	0.0	92	259965	12.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.549	3.549	0.0	88	818186	11.5	
8 Chloromethane	50	3.704	3.699	0.005	88	130264	12.2	
9 Butane	43	3.917	3.918	-0.001	97	191185	12.5	
10 Vinyl chloride	62	3.971	3.971	0.0	96	205663	12.1	
11 Butadiene	54	4.056	4.056	0.0	87	130071	12.0	
12 Bromomethane	94	4.793	4.798	-0.005	98	302665	11.4	
13 Chloroethane	64	5.054	5.054	0.0	97	99806	12.0	
14 2-Methylbutane	43	5.129	5.129	0.0	85	129118	12.2	
15 Vinyl bromide	106	5.471	5.471	0.0	97	360156	11.0	
16 Trichlorofluoromethane	101	5.577	5.577	0.0	96	898959	11.3	
17 Pentane	43	5.727	5.727	0.0	94	220706	12.4	
19 Ethanol	45	6.228	6.228	0.0	95	70641	19.4	
20 Ethyl ether	59	6.292	6.293	0.0	80	141825	11.6	
21 Acrolein	56	6.709	6.709	0.0	95	63981	12.1	
22 1,1,2-Trichloro-1,2,2-trifluoro	101	6.719	6.719	0.0	89	654458	11.2	
24 BFB								
23 1,1-Dichloroethene	96	6.762	6.762	0.0	83	309053	11.1	
25 Acetone	43	7.045	7.045	0.0	92	190581	12.2	
26 Carbon disulfide	76	7.152	7.152	0.0	97	771310	11.0	
28 Isopropyl alcohol	45	7.360	7.365	-0.005	98	139897	12.1	
29 3-Chloro-1-propene	41	7.595	7.595	0.0	77	141438	12.4	
30 Acetonitrile	41	7.760	7.760	0.0	98	79332	9.02	
31 Methylene Chloride	49	7.904	7.904	0.0	66	154925	11.5	
32 2-Methyl-2-propanol	59	8.160	8.160	0.0	98	324554	11.2	
33 Methyl tert-butyl ether	73	8.320	8.321	-0.001	93	744912	11.2	
34 trans-1,2-Dichloroethene	61	8.347	8.347	0.0	79	300976	11.5	
35 Acrylonitrile	53	8.539	8.539	0.0	95	116280	11.7	
36 Hexane	57	8.742	8.742	0.0	82	289450	11.1	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	9.270	9.265	0.005	99	415540	11.3
	38	Vinyl acetate	43	9.361	9.361	0.0	98	350151	12.5
S	39	1,2-Dichloroethene, Total	61				0		22.2
	40	cis-1,2-Dichloroethene	96	10.434	10.434	0.0	84	405761	10.7
	41	2-Butanone (MEK)	72	10.509	10.509	0.0	95	149234	10.1
	42	Ethyl acetate	88	10.551	10.551	0.0	98	32971	10.5
*	43	Chlorobromomethane	128	10.920	10.920	0.0	63	401448	10.0
	44	Tetrahydrofuran	42	10.936	10.936	0.0	73	178612	12.5
	45	Chloroform	83	11.064	11.064	0.0	98	766503	10.8
	46	Cyclohexane	84	11.293	11.293	0.0	73	540509	10.8
	47	1,1,1-Trichloroethane	97	11.336	11.336	0.0	93	885608	11.2
	49	Carbon tetrachloride	117	11.592	11.592	0.0	96	991251	11.4
	50	Isooctane	57	12.051	12.051	0.0	98	1422716	10.9
	51	Benzene	78	12.094	12.094	0.0	92	1214946	10.6
	52	1,2-Dichloroethane	62	12.302	12.302	0.0	99	462479	11.4
	53	n-Heptane	43	12.462	12.462	0.0	76	415649	11.1
*	54	1,4-Difluorobenzene	114	12.990	12.990	0.0	91	2212895	10.0
	55	n-Butanol	56	13.433	13.433	0.0	78	172266	10.7
	56	Trichloroethene	95	13.471	13.471	0.0	91	640576	10.8
A	57	GRO	1	13.497	5.119 - 21.876		0	136107479	0
	58	1,2-Dichloropropane	63	14.068	14.074	-0.006	93	451418	10.6
	59	Methyl methacrylate	69	14.250	14.250	0.0	77	481925	10.8
	60	1,4-Dioxane	88	14.319	14.319	0.0	72	206411	10.4
	61	Dibromomethane	174	14.335	14.335	0.0	92	660693	11.2
	62	Dichlorobromomethane	83	14.639	14.639	0.0	98	1010860	11.3
A	63	TVOC as Toluene	1	15.277	3.171 - 27.383		0	269589236	2473.2
	64	cis-1,3-Dichloropropene	75	15.600	15.600	0.0	85	792576	11.0
	65	4-Methyl-2-pentanone (MIBK)	43	15.910	15.910	0.0	88	648695	11.5
	66	Toluene	92	16.198	16.198	0.0	93	1117947	10.7
A	67	Toluene Range	1	16.198	16.158 - 16.238		0	7505118	NC
	68	n-Octane	43	16.240	16.240	0.0	79	721655	11.3
A	69	C8 Range	1	16.240	16.190 - 16.290		0	7505118	NC
	70	trans-1,3-Dichloropropene	75	16.811	16.812	-0.001	90	834921	10.9
	71	1,1,2-Trichloroethane	83	17.190	17.190	0.0	94	515277	10.8
	72	Tetrachloroethene	166	17.281	17.281	0.0	95	1040197	11.4
	73	2-Hexanone	43	17.655	17.655	0.0	87	637710	11.6
	74	Chlorodibromomethane	129	17.959	17.959	0.0	97	1142595	11.3
	75	Ethylene Dibromide	107	18.236	18.236	0.0	98	1024447	11.0
*	76	Chlorobenzene-d5	117	19.133	19.133	0.0	81	2125844	10.0
	77	Chlorobenzene	112	19.192	19.192	0.0	96	1591806	10.8
	79	Ethylbenzene	91	19.341	19.341	0.0	96	2449659	10.9
	80	n-Nonane	57	19.443	19.448	-0.005	80	933784	10.9
	81	m-Xylene & p-Xylene	106	19.592	19.592	0.0	99	2065964	22.1
S	82	Xylenes, Total	106				0		32.9
	83	o-Xylene	106	20.403	20.403	0.0	94	989189	10.8
	84	Styrene	104	20.451	20.451	0.0	97	1570600	11.1
	85	Bromoform	173	20.851	20.852	-0.001	99	1229741	11.5
	86	Isopropylbenzene	105	21.033	21.033	0.0	94	2874476	11.1
\$	87	4-Bromofluorobenzene	95	21.391	21.391	-0.001	98	1466607	NC
	88	1,1,2,2-Tetrachloroethane	83	21.657	21.657	0.0	96	1360495	11.0
	89	N-Propylbenzene	91	21.716	21.716	0.0	99	3369952	11.1
	90	1,2,3-Trichloropropane	75	21.753	21.754	-0.001	90	1026743	11.1

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	n-Decane		57	21.865	21.866	-0.001	77	1175877	11.6
92	4-Ethyltoluene		105	21.898	21.898	0.0	94	3025394	11.5
93	2-Chlorotoluene		91	21.908	21.908	0.0	95	2329765	11.4
94	1,3,5-Trimethylbenzene		105	21.999	21.999	0.0	93	2449959	11.1
95	Alpha Methyl Styrene		118	22.351	22.351	0.0	90	1308019	11.3
96	tert-Butylbenzene		119	22.469	22.469	0.0	90	2387484	11.0
97	1,2,4-Trimethylbenzene		105	22.559	22.559	0.0	96	2452809	11.2
98	sec-Butylbenzene		105	22.783	22.784	-0.001	98	3523582	11.1
99	4-Isopropyltoluene		119	22.981	22.981	0.0	93	3115853	11.2
100	1,3-Dichlorobenzene		146	23.018	23.018	0.0	98	1819197	11.2
101	1,4-Dichlorobenzene		146	23.157	23.157	0.0	96	1820520	11.2
102	Benzyl chloride		91	23.365	23.365	0.0	99	2138609	11.1
103	n-Butylbenzene		91	23.568	23.568	0.0	97	2660864	11.8
104	Undecane		57	23.573	23.573	0.0	86	1254300	13.2
105	1,2-Dichlorobenzene		146	23.712	23.712	0.0	98	1693399	11.0
106	Dodecane		57	25.233	25.233	0.0	90	1190495	13.3
107	1,2,4-Trichlorobenzene		180	26.343	26.343	0.0	92	1430628	13.2
108	Hexachlorobutadiene		225	26.530	26.530	0.0	94	1235224	12.0
109	Naphthalene		128	26.872	26.866	0.006	99	2943687	15.7
110	1,2,3-Trichlorobenzene		180	27.373	27.373	0.0	96	1257933	14.0

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHC.i\20140226-6343.b\6343_04.D

Injection Date: 26-Feb-2014 13:46:30

Instrument ID: CHC.i

Operator ID: wrd

Lims ID: lcs

Lab Sample ID: LCS 200-68870/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

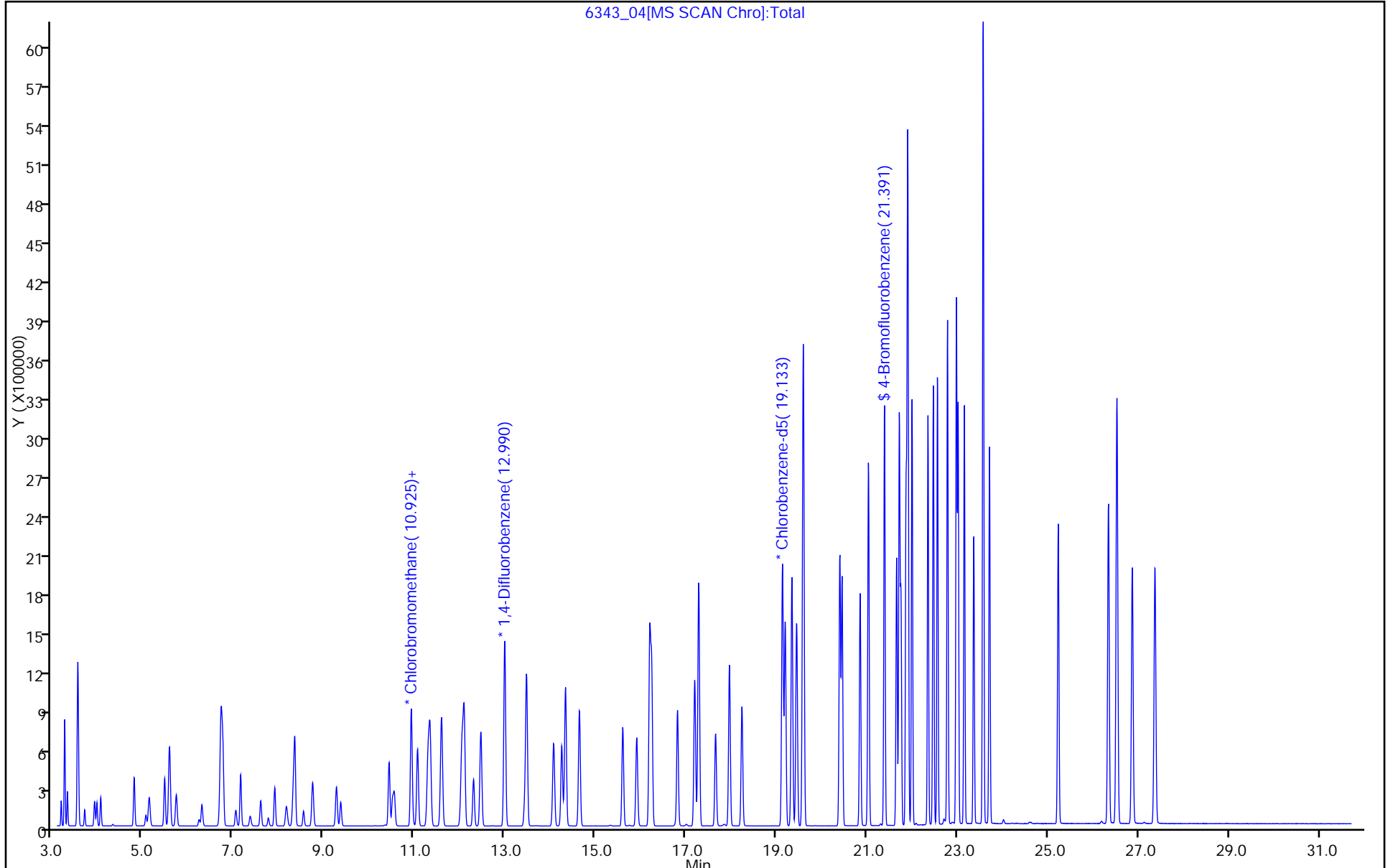
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_CHC

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHC.i Start Date: 01/03/2014 07:37

Analysis Batch Number: 66774 End Date: 01/03/2014 20:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-66774/1		01/03/2014 07:37	1	cma001.D	RTX-624 0.32 (mm)
VIBLK 200-66774/2		01/03/2014 08:51	1		RTX-624 0.32 (mm)
IC 200-66774/3		01/03/2014 09:43	1	cma003.D	RTX-624 0.32 (mm)
IC 200-66774/4		01/03/2014 10:35	1	cma004.D	RTX-624 0.32 (mm)
IC 200-66774/5		01/03/2014 11:28	1	cma005.D	RTX-624 0.32 (mm)
IC 200-66774/6		01/03/2014 12:20	1	cma006.D	RTX-624 0.32 (mm)
ICIS 200-66774/7		01/03/2014 13:12	1	cma007.D	RTX-624 0.32 (mm)
IC 200-66774/8		01/03/2014 14:04	1	cma008.D	RTX-624 0.32 (mm)
IC 200-66774/9		01/03/2014 14:56	1	cma009.D	RTX-624 0.32 (mm)
IC 200-66774/10		01/03/2014 15:48	1	cma010.D	RTX-624 0.32 (mm)
VIBLK 200-66774/11		01/03/2014 16:33	1		RTX-624 0.32 (mm)
ICV 200-66774/13		01/03/2014 17:25	1	cma013.D	RTX-624 0.32 (mm)
VIBLK 200-66774/14		01/03/2014 18:19	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 19:12	1		RTX-624 0.32 (mm)
ZZZZZ		01/03/2014 20:04	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHC.i Start Date: 02/26/2014 11:15

Analysis Batch Number: 68870 End Date: 02/27/2014 11:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68870/1		02/26/2014 11:15	1	6343_01.D	RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 12:01	1		RTX-624 0.32 (mm)
CCVIS 200-68870/3		02/26/2014 12:54	1	6343_03.D	RTX-624 0.32 (mm)
LCS 200-68870/4		02/26/2014 13:46	1	6343_04.D	RTX-624 0.32 (mm)
MB 200-68870/5		02/26/2014 14:38	1	6343_05.D	RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 15:37	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 16:29	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 17:20	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 18:12	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 19:04	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 19:56	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 20:54	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 21:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 22:45	1		RTX-624 0.32 (mm)
200-20955-23	IA-VMP-5A	02/26/2014 23:37	38.3	6343_15.D	RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 00:29	10		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 01:21	12		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 02:13	10		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 03:06	48.1		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 03:58	1640		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 04:50	34.6		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 05:42	1		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 06:34	1		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 07:27	1		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 08:19	1		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 09:11	1		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 10:09	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/27/2014 11:08	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Start Date: 02/20/2014 12:20

Analysis Batch Number: 68619 End Date: 02/21/2014 02:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68619/1		02/20/2014 12:20	1	6246_001.D	RTX-624 0.32 (mm)
VIBLK 200-68619/2		02/20/2014 13:17	1		RTX-624 0.32 (mm)
ZZZZZ		02/20/2014 14:04	1		RTX-624 0.32 (mm)
ZZZZZ		02/20/2014 14:51	1		RTX-624 0.32 (mm)
VIBLK 200-68619/5		02/20/2014 15:38	1		RTX-624 0.32 (mm)
IC 200-68619/6		02/20/2014 16:25	1	6246_006.D	RTX-624 0.32 (mm)
IC 200-68619/7		02/20/2014 17:12	1	6246_007.D	RTX-624 0.32 (mm)
IC 200-68619/8		02/20/2014 17:59	1	6246_008.D	RTX-624 0.32 (mm)
IC 200-68619/9		02/20/2014 18:46	1	6246_009.D	RTX-624 0.32 (mm)
ICIS 200-68619/10		02/20/2014 19:33	1	6246_010.D	RTX-624 0.32 (mm)
IC 200-68619/11		02/20/2014 20:20	1	6246_011.D	RTX-624 0.32 (mm)
IC 200-68619/12		02/20/2014 21:07	1	6246_012.D	RTX-624 0.32 (mm)
IC 200-68619/13		02/20/2014 21:54	1	6246_013.D	RTX-624 0.32 (mm)
VIBLK 200-68619/14		02/20/2014 22:41	1		RTX-624 0.32 (mm)
VIBLK 200-68619/15		02/20/2014 23:28	1		RTX-624 0.32 (mm)
ICV 200-68619/16		02/21/2014 00:15	1	6246_016.D	RTX-624 0.32 (mm)
VIBLK 200-68619/17		02/21/2014 01:02	1		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 01:49	1		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 02:36	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Start Date: 02/21/2014 11:00

Analysis Batch Number: 68679 End Date: 02/21/2014 15:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68679/1		02/21/2014 11:00	1	6267_001.D	RTX-624 0.32 (mm)
CCVIS 200-68679/2		02/21/2014 11:48	1	6267_002.D	RTX-624 0.32 (mm)
LCS 200-68679/3		02/21/2014 12:36	1	6267_003.D	RTX-624 0.32 (mm)
MB 200-68679/4		02/21/2014 13:23	1	6267_004.D	RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 14:20	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 15:18	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Start Date: 02/21/2014 23:08

Analysis Batch Number: 68745 End Date: 02/22/2014 08:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/21/2014 23:08	1		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 23:55	2.5		RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 00:43	1		RTX-624 0.32 (mm)
200-20955-7	IA-VMP-3A	02/22/2014 01:30	12.9	6267_019.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 02:17	20.1		RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 03:04	1		RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 03:51	1		RTX-624 0.32 (mm)
200-20955-13	IA-VMP-5B	02/22/2014 04:38	13	6267_023.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 05:25	6.9		RTX-624 0.32 (mm)
200-20955-15	IA-VMP-6A	02/22/2014 06:11	14.8	6267_025.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 06:58	10		RTX-624 0.32 (mm)
200-20955-17	IA-VMP-6B	02/22/2014 07:45	10	6267_027.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 08:32	10		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHG.i Start Date: 02/25/2014 11:56

Analysis Batch Number: 68811 End Date: 02/26/2014 11:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68811/1		02/25/2014 11:56	1	6318_001.D	RTX-624 0.32 (mm)
CCVIS 200-68811/2		02/25/2014 12:49	1	6318_002.D	RTX-624 0.32 (mm)
LCS 200-68811/3		02/25/2014 13:51	1	6318_003.D	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 14:42	1		RTX-624 0.32 (mm)
MB 200-68811/5		02/25/2014 17:01	1	6318_005.D	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 17:49	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 18:36	5		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 19:23	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 20:10	20.2		RTX-624 0.32 (mm)
200-20955-27	IA-VMP-7	02/25/2014 20:57	10	6318_010.D	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 21:44	3.03		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 22:31	70.1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 23:18	3.03		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 00:06	2		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 00:53	74.5		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 01:40	4.61		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 02:28	23		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 03:15	5.04		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 04:02	25.2		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 04:49	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 05:36	4		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 06:24	2		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 07:11	10		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 07:58	1		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 08:46	5		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 09:33	7.98		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 10:20	39.9		RTX-624 0.32 (mm)
ZZZZZ		02/26/2014 11:07	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Start Date: 02/11/2014 16:00

Analysis Batch Number: 68234 End Date: 02/12/2014 03:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68234/1		02/11/2014 16:00	1	6099_001.d	RTX-624 0.32 (mm)
VIBLK 200-68234/2		02/11/2014 17:33	1		RTX-624 0.32 (mm)
VIBLK 200-68234/3		02/11/2014 18:24	1		RTX-624 0.32 (mm)
IC 200-68234/4		02/11/2014 19:12	1	6101_004.d	RTX-624 0.32 (mm)
IC 200-68234/5		02/11/2014 20:02	1	6101_005.d	RTX-624 0.32 (mm)
IC 200-68234/6		02/11/2014 20:50	1	6101_006.d	RTX-624 0.32 (mm)
IC 200-68234/7		02/11/2014 21:39	1	6101_007.d	RTX-624 0.32 (mm)
ICIS 200-68234/8		02/11/2014 22:30	1	6101_008.d	RTX-624 0.32 (mm)
IC 200-68234/9		02/11/2014 23:18	1	6101_009.d	RTX-624 0.32 (mm)
IC 200-68234/10		02/12/2014 00:07	1	6101_010.d	RTX-624 0.32 (mm)
IC 200-68234/11		02/12/2014 00:55	1	6101_011.d	RTX-624 0.32 (mm)
VIBLK 200-68234/12		02/12/2014 01:43	1		RTX-624 0.32 (mm)
VIBLK 200-68234/13		02/12/2014 02:32	1		RTX-624 0.32 (mm)
ICV 200-68234/14		02/12/2014 03:20	1	6101_014.d	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Start Date: 02/17/2014 09:39

Analysis Batch Number: 68420 End Date: 02/18/2014 08:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68420/1		02/17/2014 09:39	1	6171_001.d	RTX-624 0.32 (mm)
CCVIS 200-68420/2		02/17/2014 10:36	1	6171_002.d	RTX-624 0.32 (mm)
LCS 200-68420/3		02/17/2014 11:32	1	6171_003.d	RTX-624 0.32 (mm)
MB 200-68420/4		02/17/2014 12:41	1	6171_004.d	RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 13:31	1		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 14:20	1		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 16:29	10		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 17:18	10		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 18:06	8850		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 18:54	10		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 19:43	165		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 20:31	6.06		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 21:19	6.06		RTX-624 0.32 (mm)
ZZZZZ		02/17/2014 22:08	1		RTX-624 0.32 (mm)
200-20955-1	IA-VMP-1B	02/17/2014 23:03	1	6171_015.d	RTX-624 0.32 (mm)
200-20955-3	IA-VMP-2B	02/17/2014 23:52	1	6171_016.d	RTX-624 0.32 (mm)
200-20955-5	IA-VMP-2C	02/18/2014 00:44	1	6171_017.d	RTX-624 0.32 (mm)
ZZZZZ		02/18/2014 01:34	1		RTX-624 0.32 (mm)
200-20955-9	IA-VMP-3B	02/18/2014 02:23	1	6171_019.d	RTX-624 0.32 (mm)
200-20955-11	IA-VMP-3D	02/18/2014 03:13	1	6171_020.d	RTX-624 0.32 (mm)
ZZZZZ		02/18/2014 04:06	1		RTX-624 0.32 (mm)
ZZZZZ		02/18/2014 04:56	1		RTX-624 0.32 (mm)
ZZZZZ		02/18/2014 05:47	1		RTX-624 0.32 (mm)
200-20955-19	IA-VMP-3E	02/18/2014 06:37	1	6171_024.d	RTX-624 0.32 (mm)
200-20955-21	IA-VMP-4	02/18/2014 07:28	1	6171_025.d	RTX-624 0.32 (mm)
ZZZZZ		02/18/2014 08:18	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-1

SDG No.: 200-20955-1

Instrument ID: CHW.i Start Date: 02/24/2014 10:20

Analysis Batch Number: 68730 End Date: 02/25/2014 09:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68730/1		02/24/2014 10:20	1	6282_001.d	RTX-624 0.32 (mm)
CCVIS 200-68730/2		02/24/2014 11:15	1	6282_002.d	RTX-624 0.32 (mm)
LCS 200-68730/3		02/24/2014 12:29	1	6282_003.d	RTX-624 0.32 (mm)
MB 200-68730/4		02/24/2014 13:46	1	6282_004.d	RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 14:55	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 15:50	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 16:41	1		RTX-624 0.32 (mm)
200-20955-29	IA-VMP-8D	02/24/2014 17:31	1	6282_008.d	RTX-624 0.32 (mm)
200-20955-31	IA-DUP-021214	02/24/2014 18:25	1	6282_009.d	RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 19:16	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 20:04	2		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 20:52	10		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 21:40	5.71		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 22:28	8		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 23:16	7.49		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 00:04	7.48		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 00:53	35.3		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 01:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 02:34	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 03:22	23.8		RTX-624 0.32 (mm)
200-20969-2	AMB-021314	02/25/2014 04:13	1	6282_021.d	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 05:10	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 05:59	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 06:49	1		RTX-624 0.32 (mm)
200-20955-26	IA-VMP-7A	02/25/2014 07:37	10	6282_025.d	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 08:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 09:55	0.2		RTX-624 0.32 (mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	TALS Job	Date	Time (Military)	Lab BP (Hg)	Lab Temp (C)	Pressure Gauge ID	Analyst
ARCADIS	200-20955	2/17/14	1630	30.1	22	614	MT

Sampling Information and Return Equipment Check		Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?		✓		
(2) Is the flow controller ID used for each canister recorded?		✓		
(3) MA MCP: Check return flow rate for flow controllers			✓	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?			✓	
If damage observed, list equipment IDs and describe condition:				

Post-Sampling Return Pressure Check							
Lab ID	Canister ID	Pressure ¹ (Hg)	Anomaly ² (Y/N)	FC ID ³	FC Return (Y/N)	Can Cert Batch ID	Comments
20955 -1	4442	-15.5	yes	09903	yes	3217 5988	
-2	3011	-5.5	no	09709		↓	
-3	2956	-7.2		10239		5127 5988	
-4	4343	-5.7		09702		5634 5988	
-5	4800	-7.0		4532		3217 5988	
-6	4441	-6.6		10630		5127 5988	
-7	5148	-7.1	↓	10877		3217 5988	
-8	5039	-17.6	yes	4205		↓	
-9	5050	-6.6	no	5232		5634 5988	
-10	5628	-17.4	yes	5203		↓	
-11	2786	-5.2	no	9066		5127 5988	
-12	2639	-6.4	↓	10160		5634 5988	
-13	5628	-14.0	yes	5168			
-14	5104	-19.4	↓	09708			
-15	4150	-5.4	no	10654 10056		me=2117N4	
-16	3459	-7.0		10254		3217 5988	
-17	5160	-7.2		3736		5634 5988	
-18	2712	-8.5		5182		↓	
-19	4550	-6.0		3123		5127 5988	
-20	5615	-6.3		10587		↓	
-21	5610	-6.8		3695		3217 5988	
-22	5081	-7.3		10659		↓	
-23	4282	-6.6		10240		↓	
-24	5607	-6.4		10053		2631 5988	
-25	5083	-7.0	↓	4056		5634 5988	
-26	3136	-15.9	yes	3118		↓	
-27	4016	-5.8	no	4030	↓	2631 5988	

¹ Criteria: Return Pressure should be between -1 and -10 (Hg)
² If return pressure is not within criteria, initiate anomaly report.
³ Record the ID of the FC used for sampling if information is provided, otherwise, leave blank.

Internal Use Only: Flow Controller Date and Page # 57/32, 53, 52, 47

Post-Sampling Air Canister Pressure Check Record

Client ID	TALS Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst	
<i>Arcoandis</i>	<i>200-20969</i>	<i>2/18/14</i>	<i>1310</i>	<i>29.7</i>	<i>22</i>	<i>G9</i>	<i>ANI</i>	
Sampling Information and Return Equipment Check						Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?						<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(2) Is the flow controller ID used for each canister recorded?						<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(3) MA MCP: Check return flow rate for flow controllers						<input type="checkbox"/>	<input checked="" type="checkbox"/>	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?						<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure ¹ ("Hg)	Anomaly ² (Y/N)	FC ID ³	FC Return (Y/N)	Can Cert Batch ID	Comments
<i>200-20969-1</i>	<i>2706</i>	<i>-4.8</i>	<i>N</i>	<i>3484</i>	<i>Y</i>	<i>3217 5988</i>	
<i>1-2</i>	<i>3015</i>	<i>-10.7</i>	<i>Y</i>	<i>5178</i>	<i>Y</i>	<i>2031 5988</i>	

¹ Criteria: Return Pressure should be between -1 and -10 ("Hg)
² If return pressure is not within criteria, initiate anomaly report.
³ Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 57/46, 52

Summa Canister Dilution Worksheet

Client: ARCADIS U.S., Inc.

Job No.: 200-20955-1
SDG No.: 200-20955-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-20955-1	6	-15.5	0.48	2.89	-2.5	0.83	4.98		1.72	1.72	02/17/14 16:56	Lyons, Benjamin P
200-20955-7	6	-7.1	0.76	4.58	19.4	2.32	13.92		3.04	3.04	02/21/14 15:46	Daigle, Paul A
200-20955-13	6	-14.0	0.53	3.19	-2.5	0.83	4.98		1.56	1.56	02/17/14 16:57	Lyons, Benjamin P
200-20955-15	6	-5.4	0.82	4.92	17.5	2.19	13.14		2.67	2.67	02/21/14 16:00	Daigle, Paul A
200-20955-23	6	-6.6	0.78	4.68	29.2	2.99	17.92		3.83	3.83	02/25/14 18:24	Lyons, Benjamin P
200-20955-26	6	-15.9	0.47	2.81	-2.5	0.83	4.98		1.77	1.77	02/24/14 13:53	Lyons, Benjamin P
200-20955-31	6	-15.9	0.47	2.81	-2.5	0.83	4.98		1.77	1.77	02/24/14 13:54	Lyons, Benjamin P

Formulae:

- Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
- Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
- Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

- 29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
- 14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

200-20735-A-6
 5634
 Location: Air Storage
 Bottle: Sample Canister 5L
 Sampled: 1/31/2014 12:03 AM 200-524324

Loc: 200
20735
#6
A

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test											
System ID		# Cycles		Cleaning Date		Technician		Canister Size			
Bottom		20		1/31/14		VS		(6L) 1L 3L			
Leak Test											
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Initial Reading		Final Reading			
						Gauge ID:	Date:	Gauge ID:	Date:		
1	4150	-75.9	-30.2	-29.9	0.3	Gauge ID: 69	Date: 2/1/14	Gauge ID: 69	Date: 2/6/14		
2	5160					Date: 2/1/14	Time: 930	Time: 1410			
3	5050					Tech: ms		Tech: VS			
4	2712					BP: 79.9	("Hg)	BP: 29.9	("Hg)		
5	5628					Temp: 77	(°C)	Temp: 22	(°C)		
6	5634					³ Acceptance Criteria:					
7	5104					(1) The difference must be less than or equal to + 0.5					
8	5144					(2) Pressure readings must be at least 24 hours apart.					
9	4343					If time frame was not met, the PM must authorize shipment of canister.					
10	5618					PM Authorization:					
11	3136					Signature					
12	5083					Date					

VS
1/31/14

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory											
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level				Secondary Review			
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer	
5634	2/6/14	5988	BL		✓				2/6/14	AWI	

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Routine



Loc: 200
20762
#12
A

Pre-Shipment Clean Canister Certification Report

200-20762-A-12
 3217
 Location: Air Storage
 Bottle: Sample Canister 6L
 Sample: 2/3/2014 12:30 AM 200-624920

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test									
System ID		# Cycles		Cleaning Date		Technician		Canister Size	
TOP		15		2/3/14		VS		6L	1L 3L
Port	Can ID	Leak Test				Initial Reading		Final Reading	
		Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Gauge ID: G9	Date: 2/4/14	Gauge ID: G9	Date: 2/6/14
1	4800	30.0	-30.1	-29.9	0.2				
2	5610								
3	5039								
4	5148								
5	4442								
6	3011								
7	5081								
8	3459								
9	4282								
10	2706								
11	3233								
12	3217	↓	↓	↓					

Time: 1850
 Tech: VS
 BP: 30.0 ("Hg) BP: 29.9 ("Hg)
 Temp: 22 (°C) Temp: 22 (°C)
³Acceptance Criteria:
 (1) The difference must be less than or equal to + 0.5
 (2) Pressure readings must be at least 24 hours apart.
 If time frame was not met, the PM must authorize shipment of canister:
 PM Authorization:
 Signature _____ Date _____

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.
³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
3217	2/6/14	5988	BS		←				2/6/14	AWI

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
 Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
 Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
 Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
 Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:
 Routine



Loc: 200
20763
#7
A

Pre-shipment Clean Canister Certification Report

200-20763-A-7
 2631
 Location: Air Storage
 Bottle: Sigma Canister 5L
 Sampler: 2/3/2014 12:02 AM 200-624927

Certification Type: Batch Individual

Canister Cleaning & Pre-shipment Leak Test									
System ID		# Cycles		Cleaning Date		Technician		Canister Size	
OVEN		15		2/3/14		VS		6L 1L 3L	
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Leak Test		Gauge ID: 69	Final Reading
						Initial Reading	Final Reading		
1	3254	-30.0	-30.2	-29.9	0.3	Gauge ID: 69	Gauge ID: 69	Date: 2/4/14	Date: 2/6/14
2	3087					Date: 2/4/14	Date: 2/6/14	Time: 1700	Time: 1330
3	2786					Time: 1700	Time: 1330	Tech: VS	Tech: VS
4	5140					Tech: VS	Tech: VS	BP: 30.0 ("Hg)	BP: 29.9 ("Hg)
5	4016					BP: 30.0 ("Hg)	BP: 29.9 ("Hg)	Temp 22 (°C)	Temp: 22 (°C)
6	3015					Temp 22 (°C)	Temp: 22 (°C)	³ Acceptance Criteria: (1) The difference must be less than or equal to + 0.5 (2) Pressure readings must be at least 24 hours apart. If time frame was not met, the PM must authorize shipment of canister: PM Authorization:	
7	2631								
8	5612								
9	3531								
10	4580								
11	4488								
12	5607								
								Signature	Date

VS
2/6/14

- ¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
- ² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.
- ³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory											
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15					Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst		1	2	3	4	Limited	Review Date	Reviewer
2631	2/6/14	5988 5988 Aut, 2/6/14	BL			✓				2/6/14	Aut

- Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
- Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
- Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
- Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
- Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:



Loc: 200
20780
#8
A

Pre-Shipment Clean Canister Certification Report

200-20780-A-8
 2527
 Location: Air Storage
 Bottle: Summa Canister 8L
 Sampled: 2/4/2014 12:00 AM 200-625307

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test

VS
 2/6/14

System ID		# Cycles	Cleaning Date	Technician	Canister Size		
oven		50	2/9/14	VS	<u>6L</u>	1L	3L
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Leak Test	
						Initial Reading	Final Reading
1	4376	-29.7	-30.1	-29.9	0.2	Gauge ID: G11 Date: 2/5/14	Gauge ID: G9 Date: 2/6/14
2	5615					Time: 1250	Time: 1430
3	5620					Tech: ME	Tech: VS
4	4441					BP: 29.7 ("Hg)	BP: 29.9 ("Hg)
5	2639					Temp: 22 (°C)	Temp: 22 (°C)
6	5136					³ Acceptance Criteria: (1) The difference must be less than or equal to + 0.5 (2) Pressure readings must be at least 24 hours apart. If time frame was not met, the PM must authorize shipment of canister: PM Authorization:	
7	4093					Signature _____ Date _____	
8	2523						
9	5127						
10	4550						
11	2956						
12	4869						

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.
³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15										Inventory Level				Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer					
2523	2/6/14	5988	BL		✓				2/6/14	AN1					

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
 Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
 Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
 Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
 Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:
 Routine

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
5634	200-20735-6	5988_013.d	02/06/2014 08:58

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

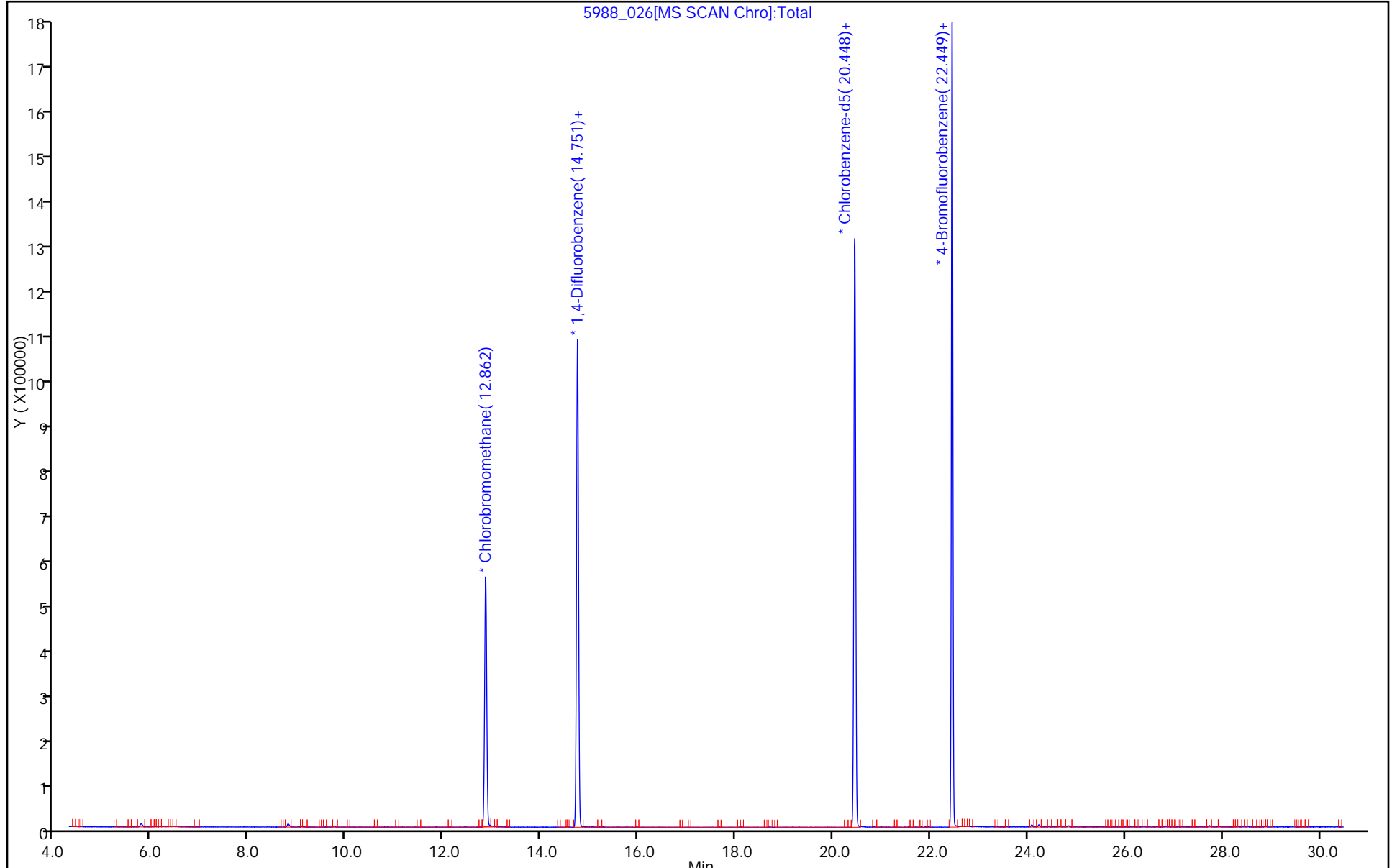
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
3217	200-20762-12	5988_008.d	02/05/2014 20:06

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

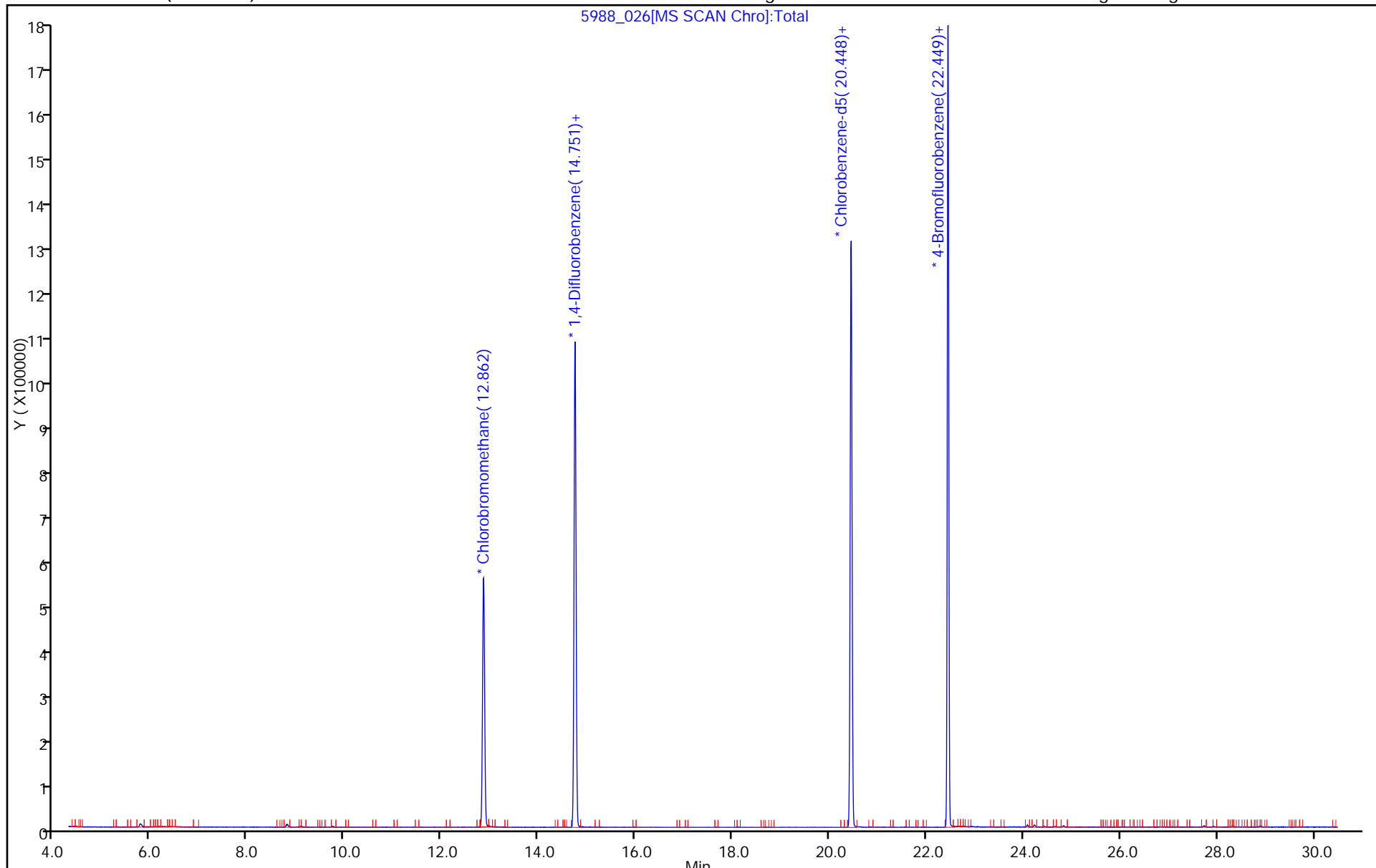
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
SDG No.: _____
Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
2631	200-20763-7	5988_007.d	02/05/2014 19:00

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

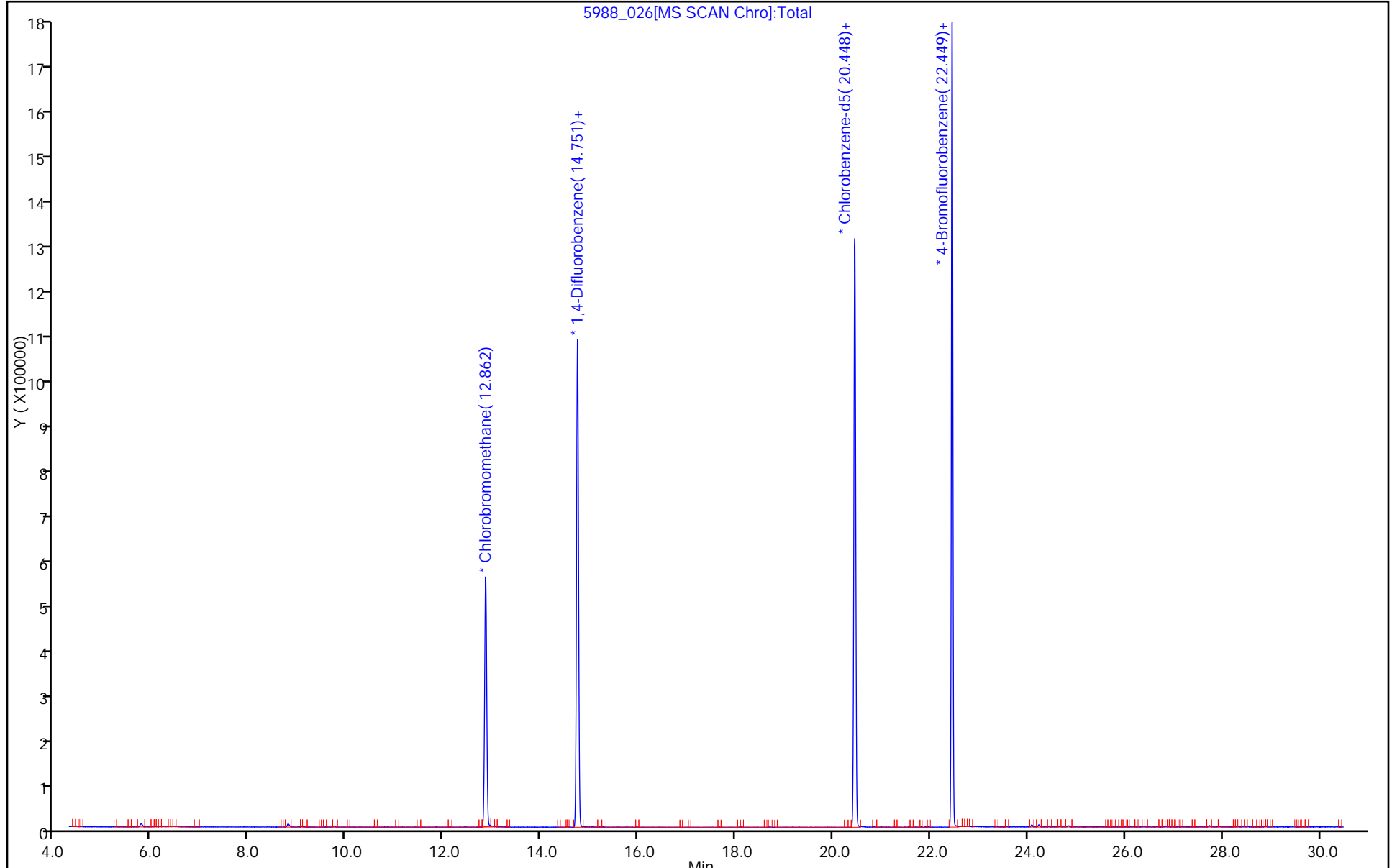
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
2523	200-20780-8	5988_005.d	02/05/2014 16:44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

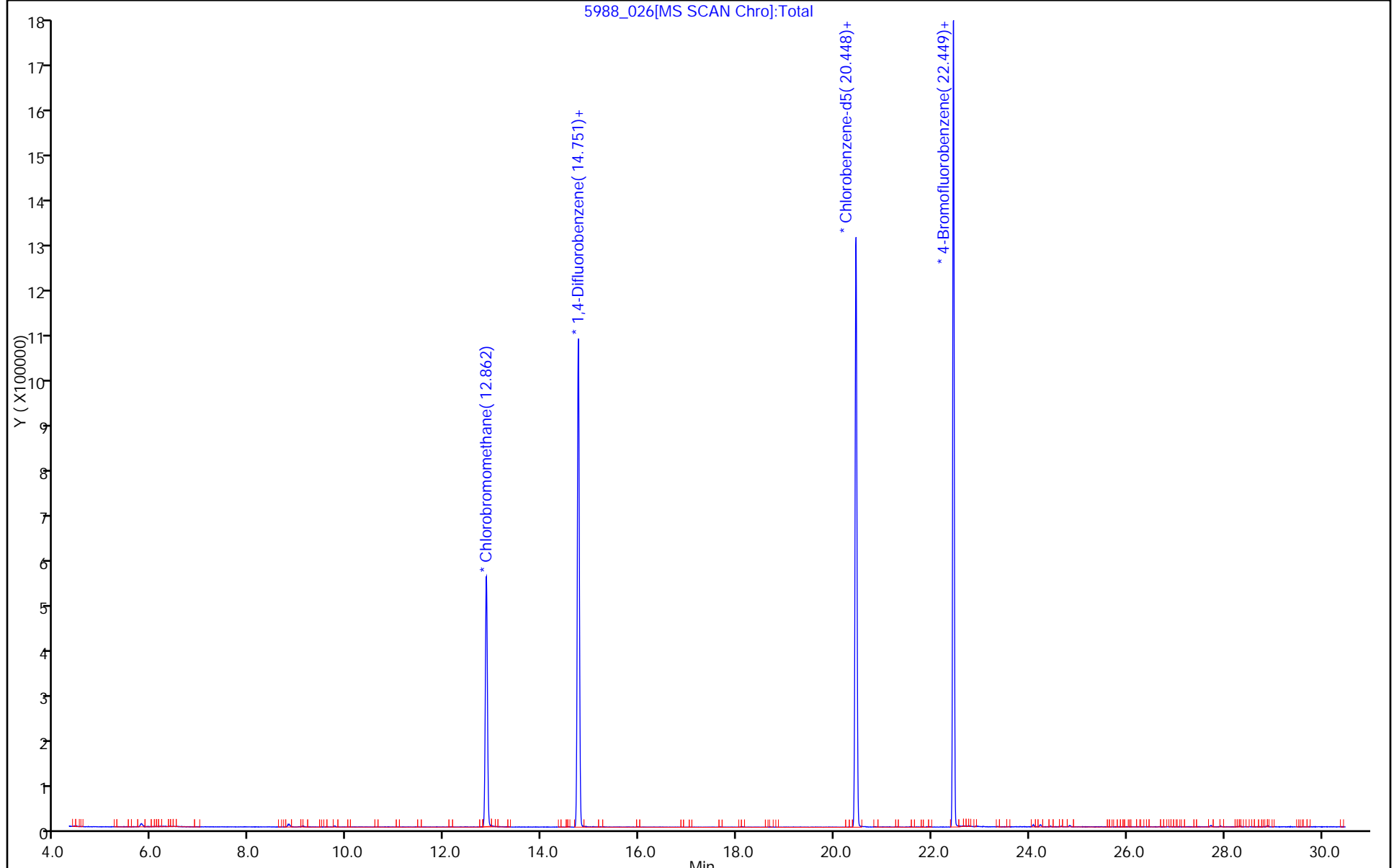
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.7	
75	30.0 - 66.0% of mass 95	46.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.6	(0.5)1
174	50.0 - 120.0% of mass 95	104.5	
175	4.0 - 9.0 % of mass 174	7.3	(7.0)1
176	93.0 - 101.0% of mass 174	101.3	(96.9)1
177	5.0 - 9.0% of mass 176	6.7	(6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
5634	200-20735-6	5988_013.d	02/06/2014	08:58

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.7
75	30.0 - 66.0% of mass 95	46.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	104.5
175	4.0 - 9.0 % of mass 174	7.3 (7.0)1
176	93.0 - 101.0% of mass 174	101.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.7 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
3217	200-20762-12	5988_008.d	02/05/2014	20:06

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.7
75	30.0 - 66.0% of mass 95	46.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	104.5
175	4.0 - 9.0 % of mass 174	7.3 (7.0)1
176	93.0 - 101.0% of mass 174	101.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.7 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
2631	200-20763-7	5988_007.d	02/05/2014	19:00

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.7
75	30.0 - 66.0% of mass 95	46.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	104.5
175	4.0 - 9.0 % of mass 174	7.3 (7.0)1
176	93.0 - 101.0% of mass 174	101.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.7 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
2523	200-20780-8	5988_005.d	02/05/2014	16:44

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45		
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78		
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-67984/25			262124	12.86	1217427	14.75	1165109	20.45
MB 200-67984/26			304491	12.86	1492766	14.75	1283110	20.45
200-20735-6	5634		267894	12.85	1294923	14.74	1104655	20.44

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45	
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78	
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67984/25	262124	12.86	1217427	14.75	1165109	20.45	
MB 200-67984/26	304491	12.86	1492766	14.75	1283110	20.45	
200-20762-12	3217	263456	12.87	1276266	14.76	1092574	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45	
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78	
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67984/25	262124	12.86	1217427	14.75	1165109	20.45	
MB 200-67984/26	304491	12.86	1492766	14.75	1283110	20.45	
200-20763-7	2631	260314	12.86	1273595	14.75	1096431	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45	
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78	
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67984/25	262124	12.86	1217427	14.75	1165109	20.45	
MB 200-67984/26	304491	12.86	1492766	14.75	1283110	20.45	
200-20780-8	2523	285547	12.85	1390713	14.75	1200992	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: 5634 Lab Sample ID: 200-20735-6
 Matrix: Air Lab File ID: 5988_013.d
 Analysis Method: TO-15 Date Collected: 01/31/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/06/2014 08:58
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: 5634 Lab Sample ID: 200-20735-6
 Matrix: Air Lab File ID: 5988_013.d
 Analysis Method: TO-15 Date Collected: 01/31/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/06/2014 08:58
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: 5634 Lab Sample ID: 200-20735-6
 Matrix: Air Lab File ID: 5988_013.d
 Analysis Method: TO-15 Date Collected: 01/31/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/06/2014 08:58
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d
 Lims ID: 200-20735-A-6 Lab Sample ID: 200-20735-6
 Client ID: 5634
 Sample Type: Client
 Inject. Date: 06-Feb-2014 08:58:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-013
 Misc. Info.: 200-20735-a-6
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:30:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43	8.775	8.749	0.027	58	7725	0.2069	M
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.852	12.857	-0.005	67	267894	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.740	14.751	-0.011	93	1294923	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.443	20.448	-0.005	83	1104655	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.444	22.449	-0.005	0	733975	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	-----------	---------------	---------------	---	----------	--------------------	-------

110 BFB

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d

Injection Date: 06-Feb-2014 08:58:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20735-A-6

Lab Sample ID: 200-20735-6

Worklist Smp#: 13

Client ID: 5634

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

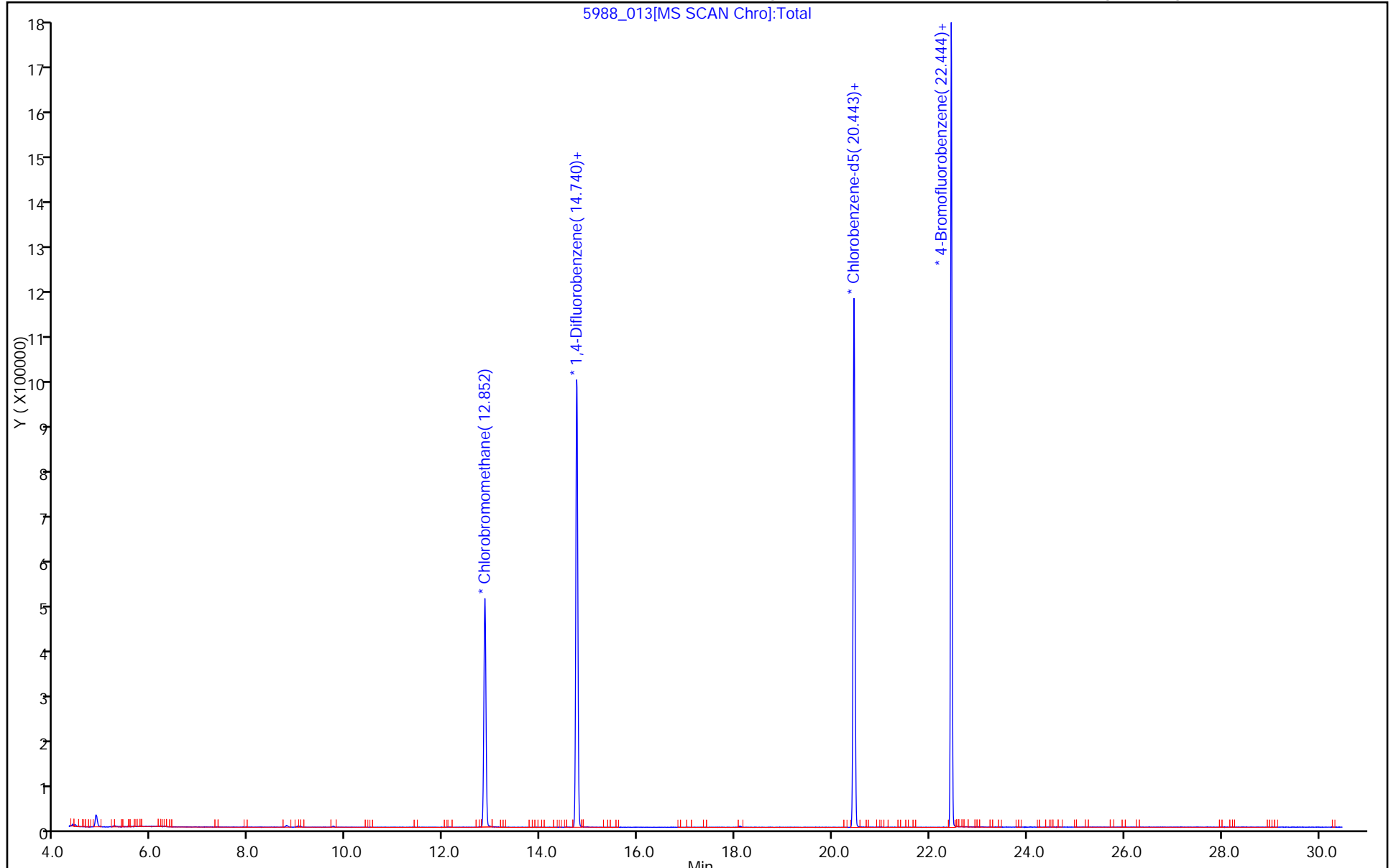
ALS Bottle#: 12

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



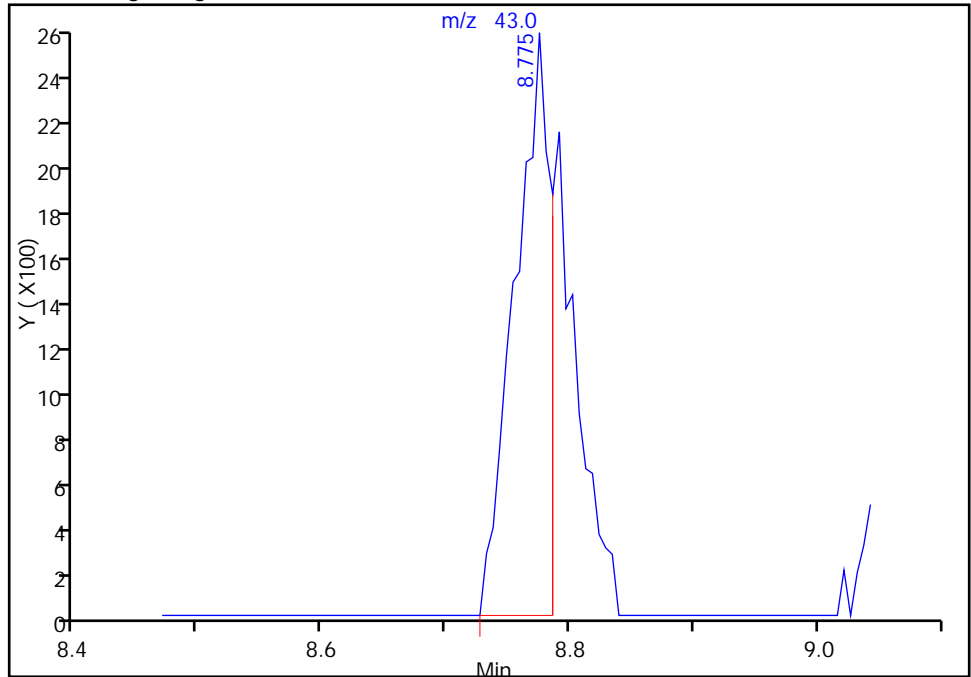
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d
Injection Date: 06-Feb-2014 08:58:30 Instrument ID: CHW.i
Lims ID: 200-20735-A-6 Lab Sample ID: 200-20735-6
Client ID: 5634
Operator ID: PAD ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

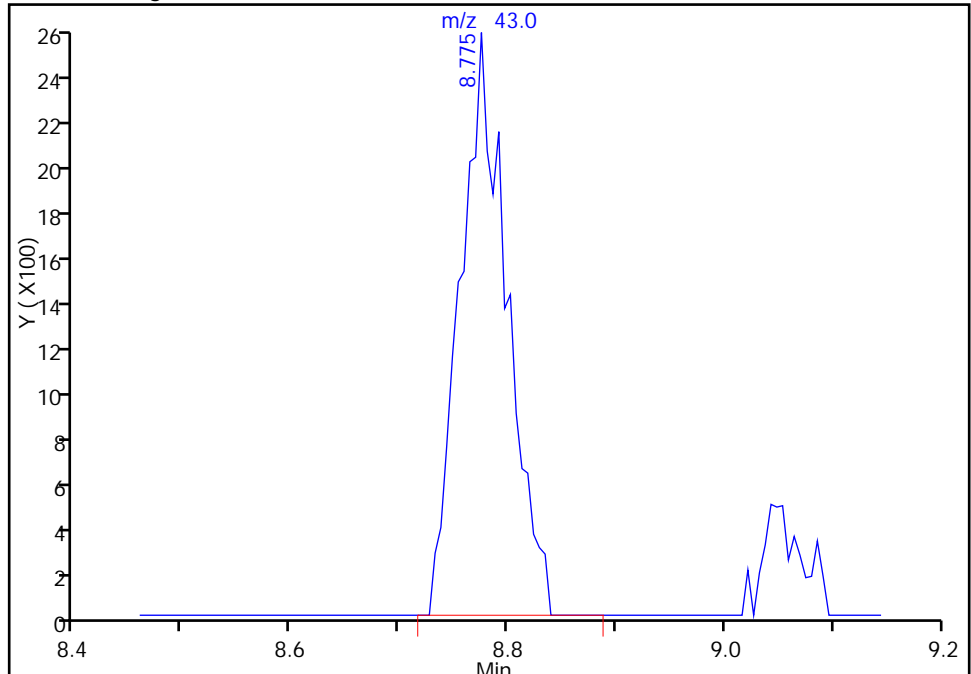
RT: 8.78
Response: 5156
Amount: 0.138083

Processing Integration Results



RT: 8.78
Response: 7725
Amount: 0.206883

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:30:05
Audit Action: Manually Integrated
Audit Reason: Baseline Event

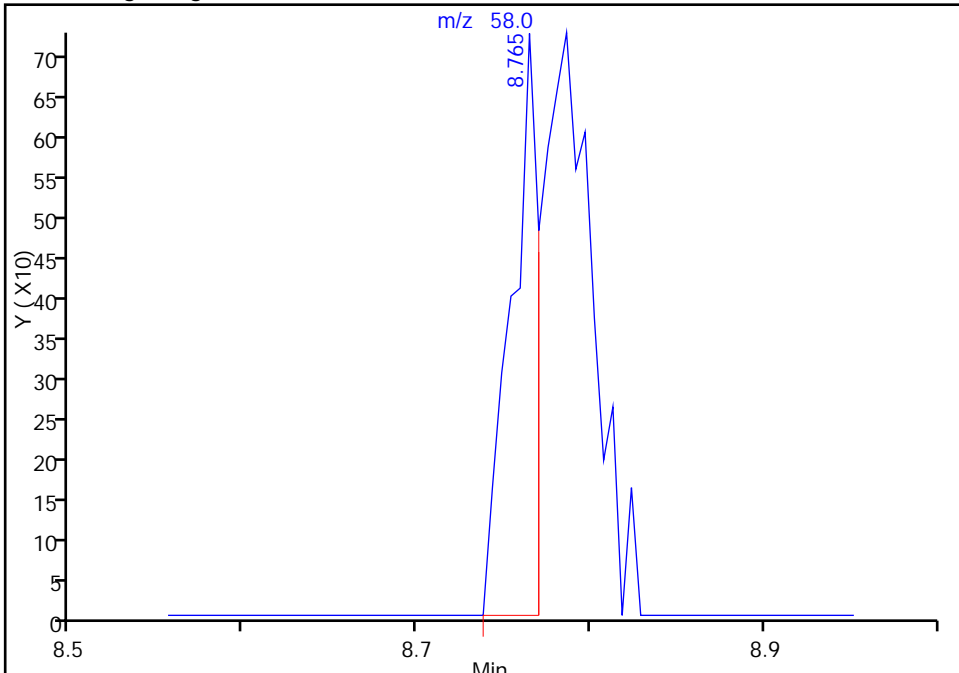
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d
Injection Date: 06-Feb-2014 08:58:30 Instrument ID: CHW.i
Lims ID: 200-20735-A-6 Lab Sample ID: 200-20735-6
Client ID: 5634
Operator ID: PAD ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

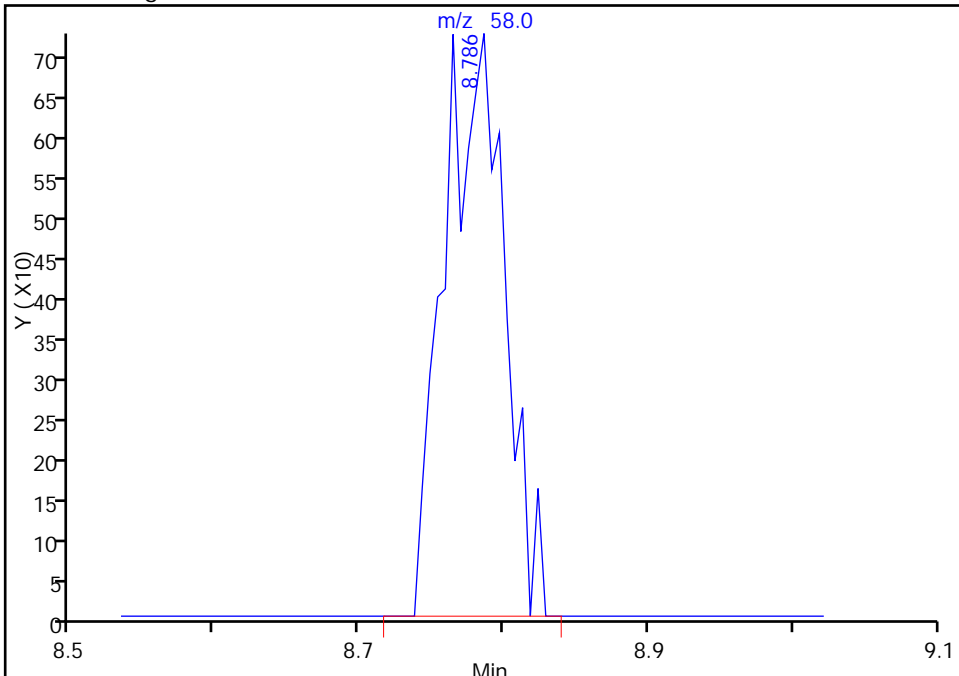
RT: 8.76
Response: 788
Amount: 0.138083

Processing Integration Results



RT: 8.79
Response: 2096
Amount: 0.206883

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:30:05
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: 3217 Lab Sample ID: 200-20762-12
 Matrix: Air Lab File ID: 5988_008.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: 3217 Lab Sample ID: 200-20762-12
 Matrix: Air Lab File ID: 5988_008.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: 3217 Lab Sample ID: 200-20762-12
 Matrix: Air Lab File ID: 5988_008.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
 Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
 Client ID: 3217
 Sample Type: Client
 Inject. Date: 05-Feb-2014 20:06:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-008
 Misc. Info.: 200-20762-A-12
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:23:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43	8.845	8.749	0.097	74	6661	0.1814	M
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.139	9.037	0.102	44	3291	0.1263	M
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.873	12.857	0.016	69	263456	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.756	14.751	0.005	92	1276266	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	84	1092574	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	710333	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------------	-------

110 BFB

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d

Injection Date: 05-Feb-2014 20:06:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20762-A-12

Lab Sample ID: 200-20762-12

Worklist Smp#: 8

Client ID: 3217

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

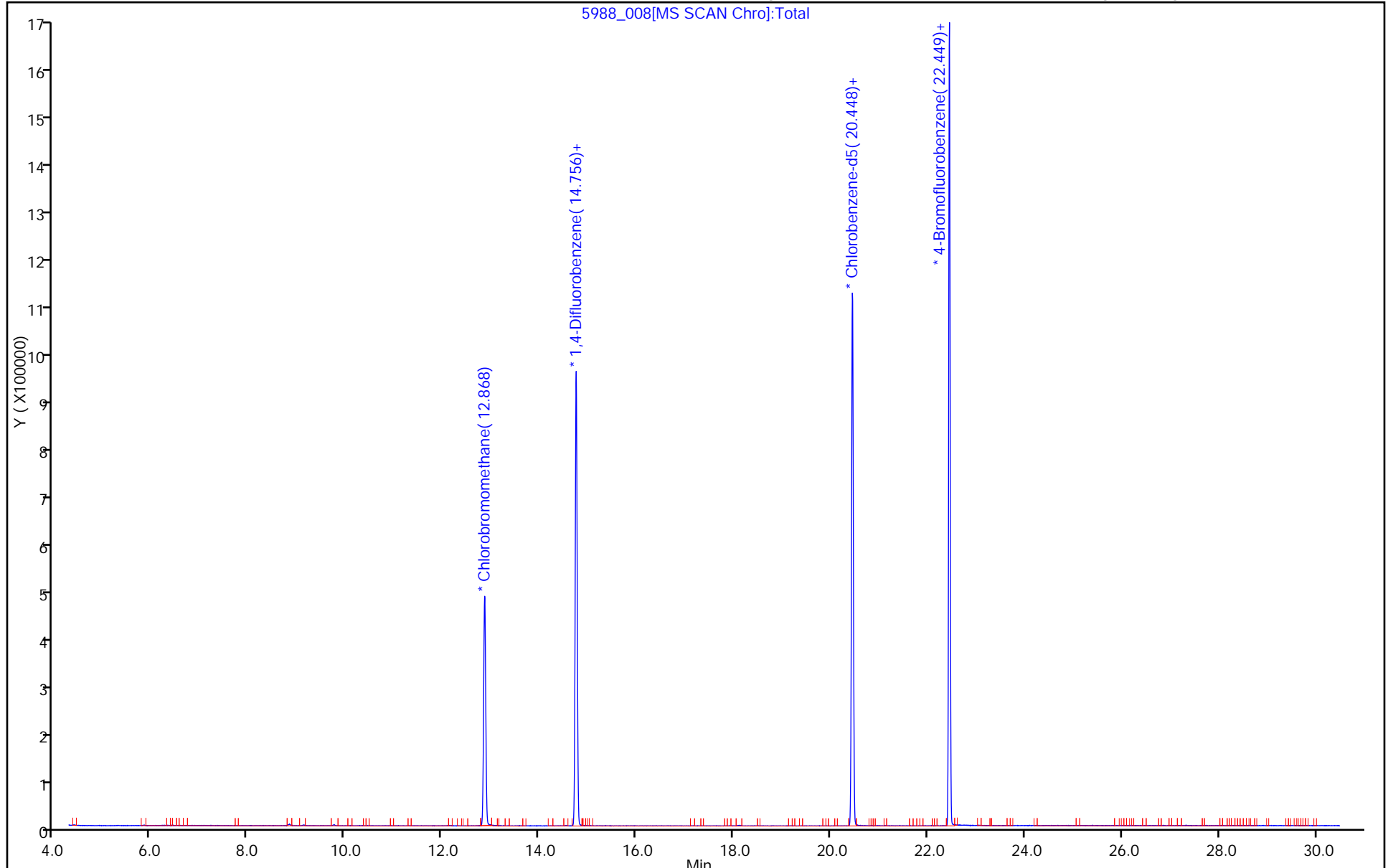
ALS Bottle#: 7

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



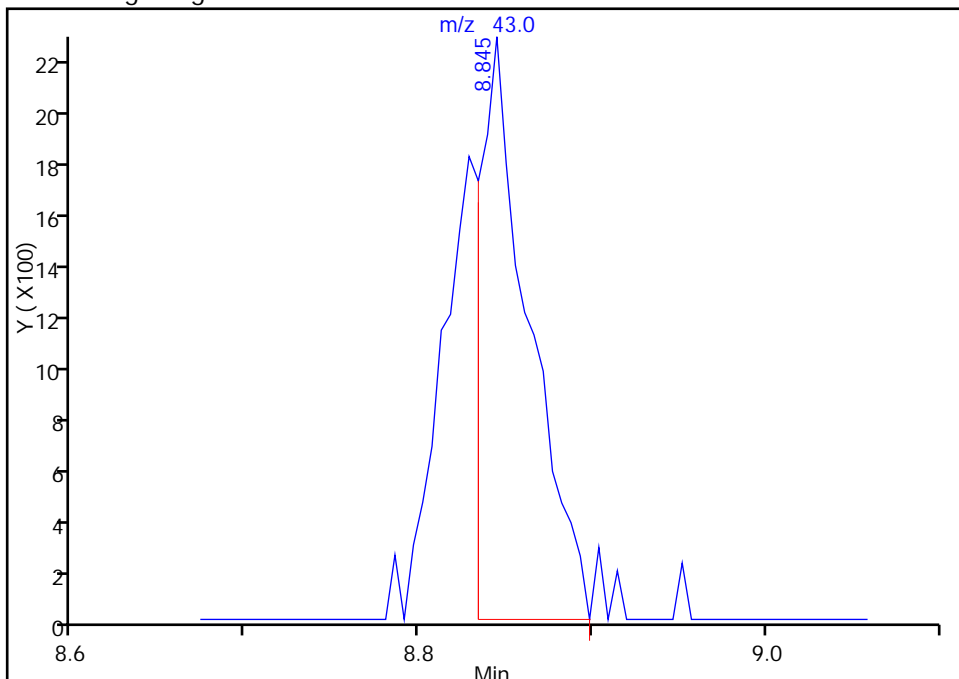
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d				
Injection Date:	05-Feb-2014 20:06:30	Instrument ID:	CHW.i		
Lims ID:	200-20762-A-12	Lab Sample ID:	200-20762-12		
Client ID:	3217				
Operator ID:	PAD	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15v5_W	Limit Group:	AI_TO15_Limits		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

24 Acetone, CAS: 67-64-1

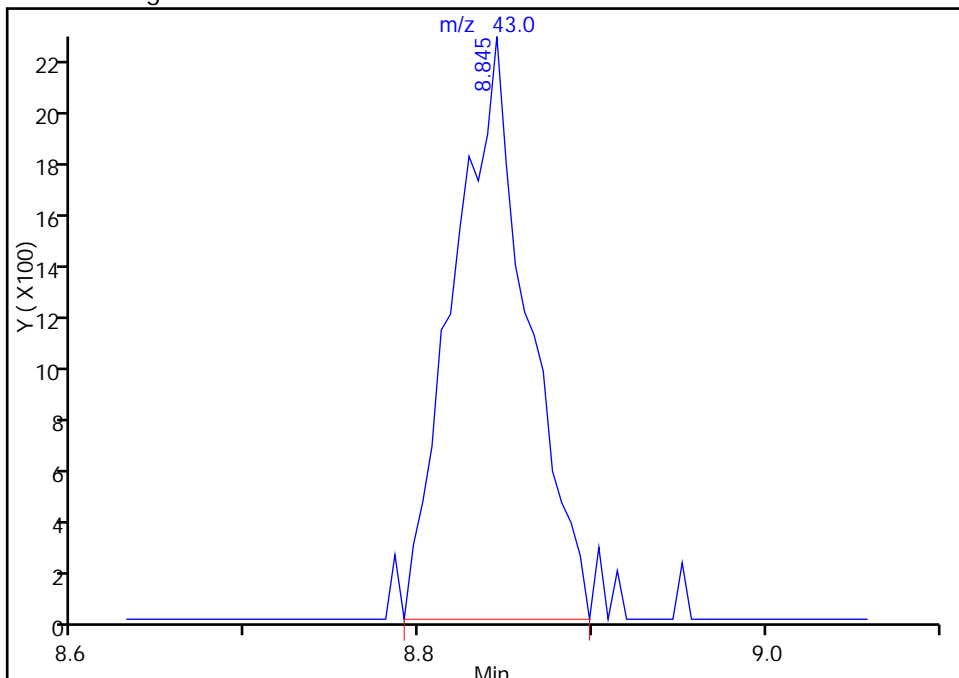
RT: 8.84
Response: 4423
Amount: 0.120448

Processing Integration Results



RT: 8.84
Response: 6661
Amount: 0.181393

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

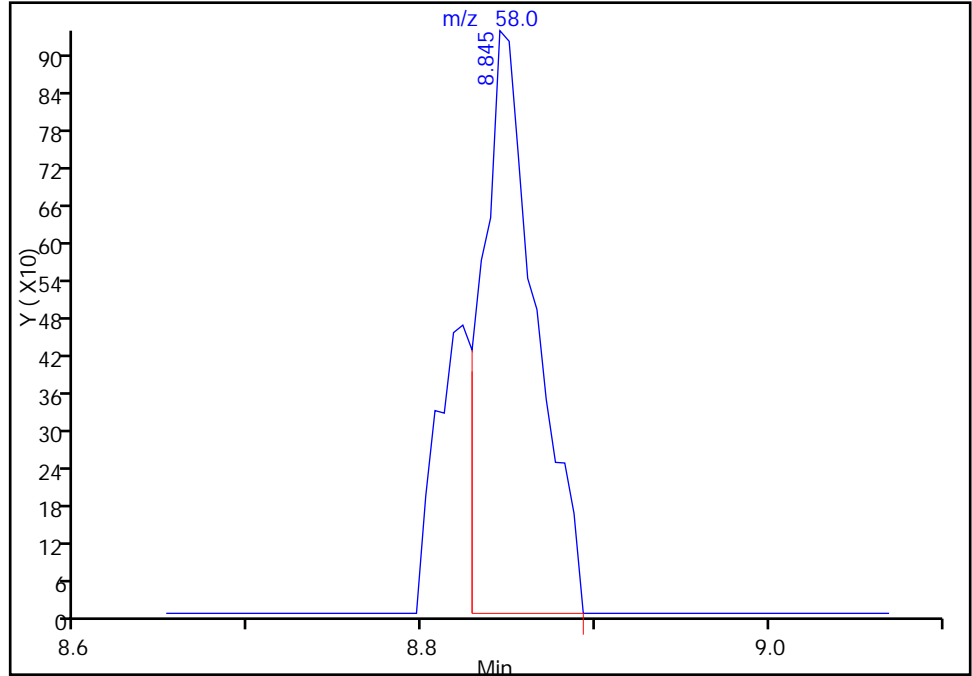
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

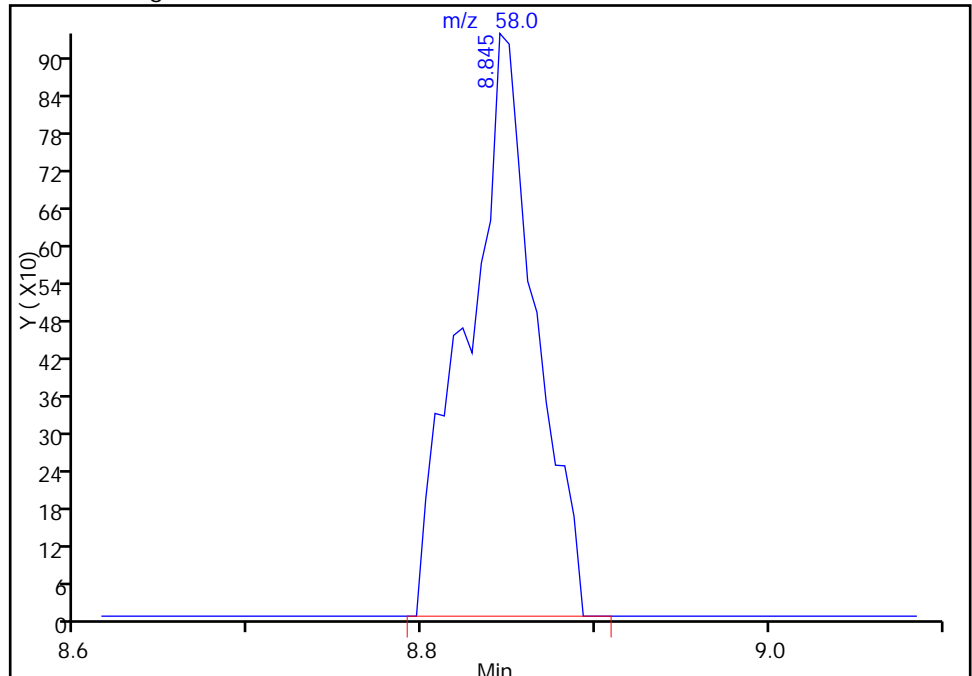
RT: 8.84
Response: 1995
Amount: 0.120448

Processing Integration Results



RT: 8.84
Response: 2555
Amount: 0.181393

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

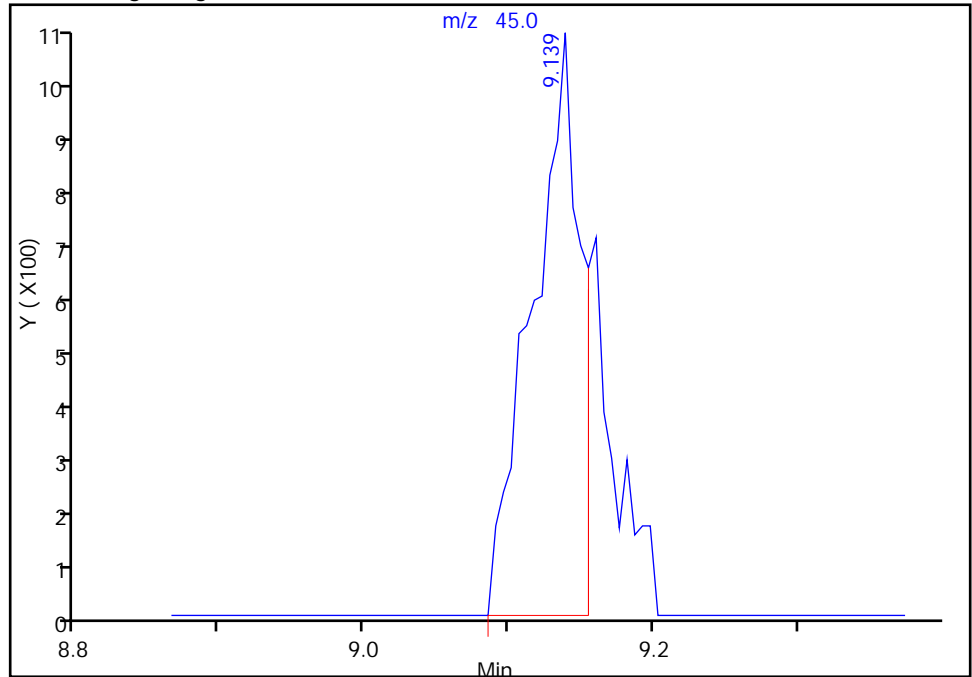
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0

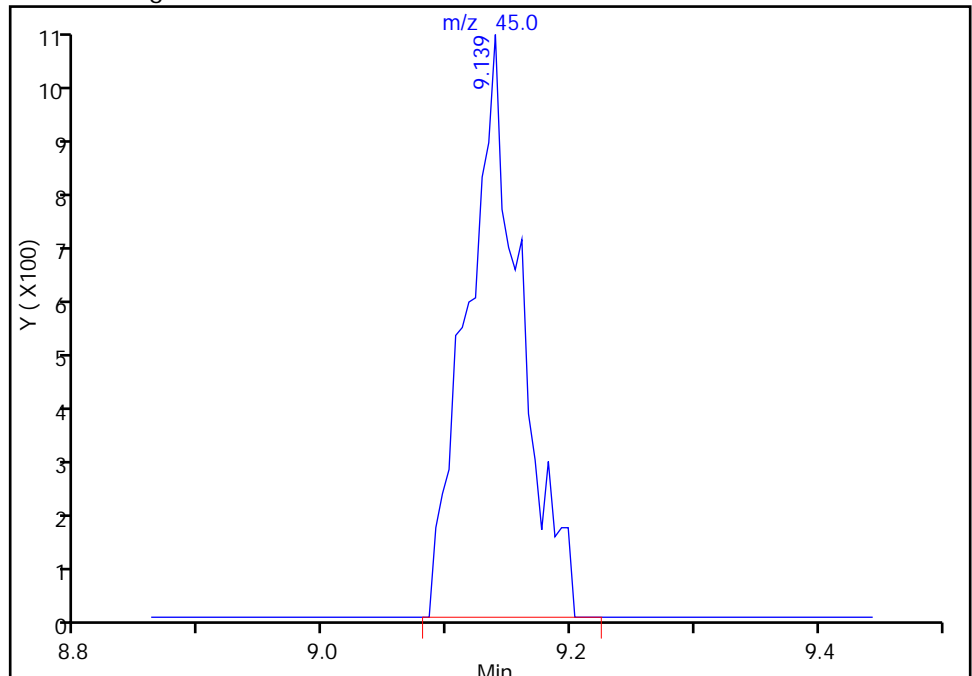
RT: 9.14
Response: 2539
Amount: 0.097459

Processing Integration Results



RT: 9.14
Response: 3291
Amount: 0.126324

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

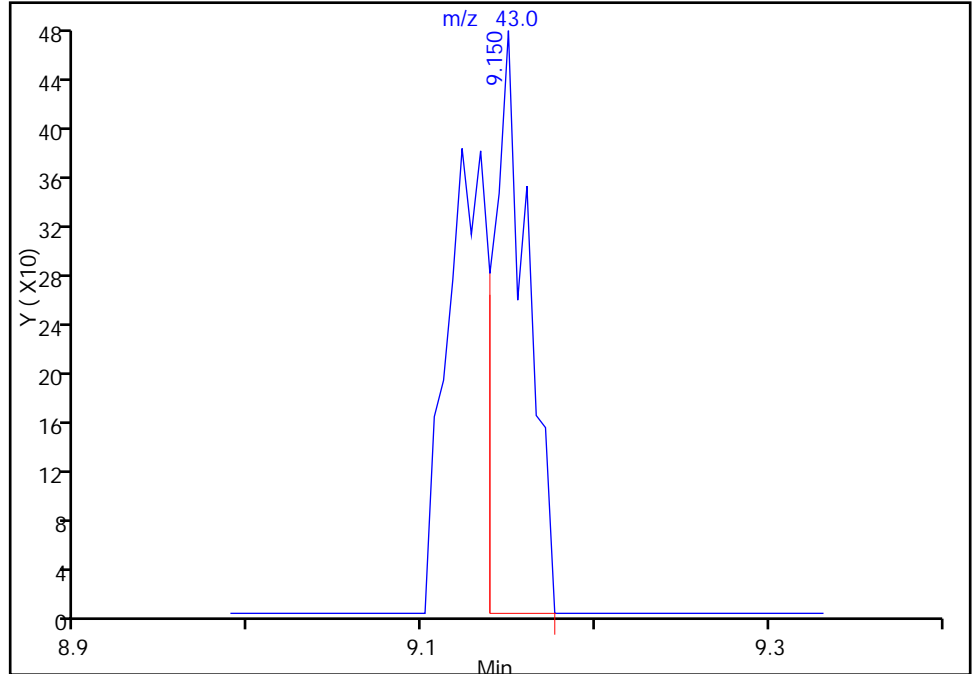
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0

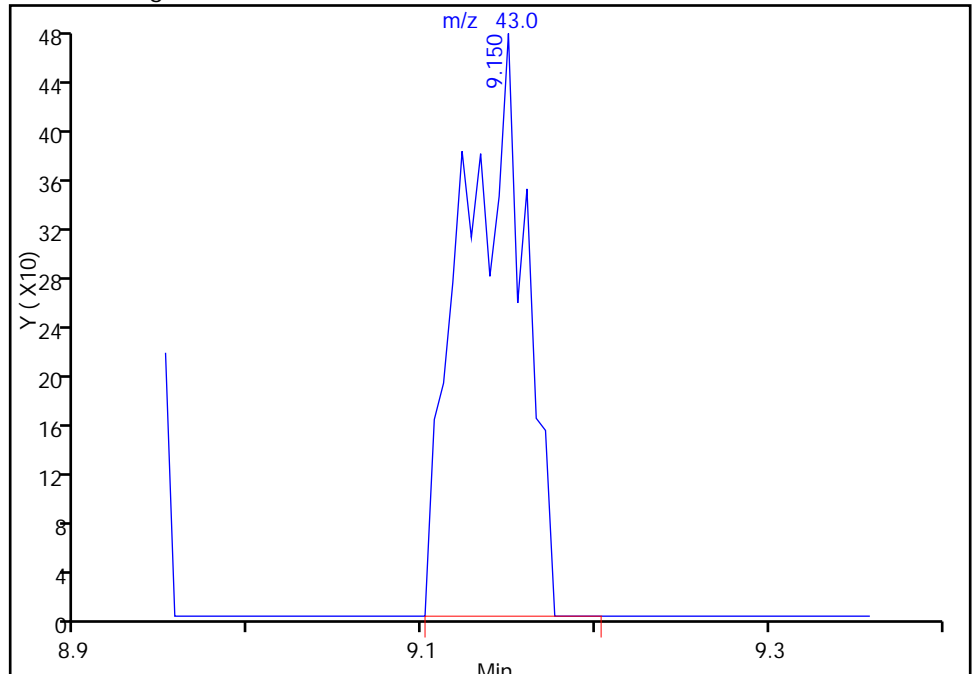
RT: 9.15
Response: 652
Amount: 0.097459

Processing Integration Results



RT: 9.15
Response: 1200
Amount: 0.126324

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: 2631 Lab Sample ID: 200-20763-7
 Matrix: Air Lab File ID: 5988_007.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 19:00
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: 2631 Lab Sample ID: 200-20763-7
 Matrix: Air Lab File ID: 5988_007.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 19:00
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: 2631 Lab Sample ID: 200-20763-7
 Matrix: Air Lab File ID: 5988_007.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 19:00
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_007.d
 Lims ID: 200-20763-A-7 Lab Sample ID: 200-20763-7
 Client ID: 2631
 Sample Type: Client
 Inject. Date: 05-Feb-2014 19:00:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-007
 Misc. Info.: 200-20763-A-7
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:23:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43	8.775	8.749	0.027	71	9604	0.2647	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.857	12.857	0.0	69	260314	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.746	14.751	-0.005	92	1273595	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	84	1096431	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.444	22.449	-0.005	0	705251	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------------	-------

110 BFB

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_007.d

Injection Date: 05-Feb-2014 19:00:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20763-A-7

Lab Sample ID: 200-20763-7

Worklist Smp#: 7

Client ID: 2631

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

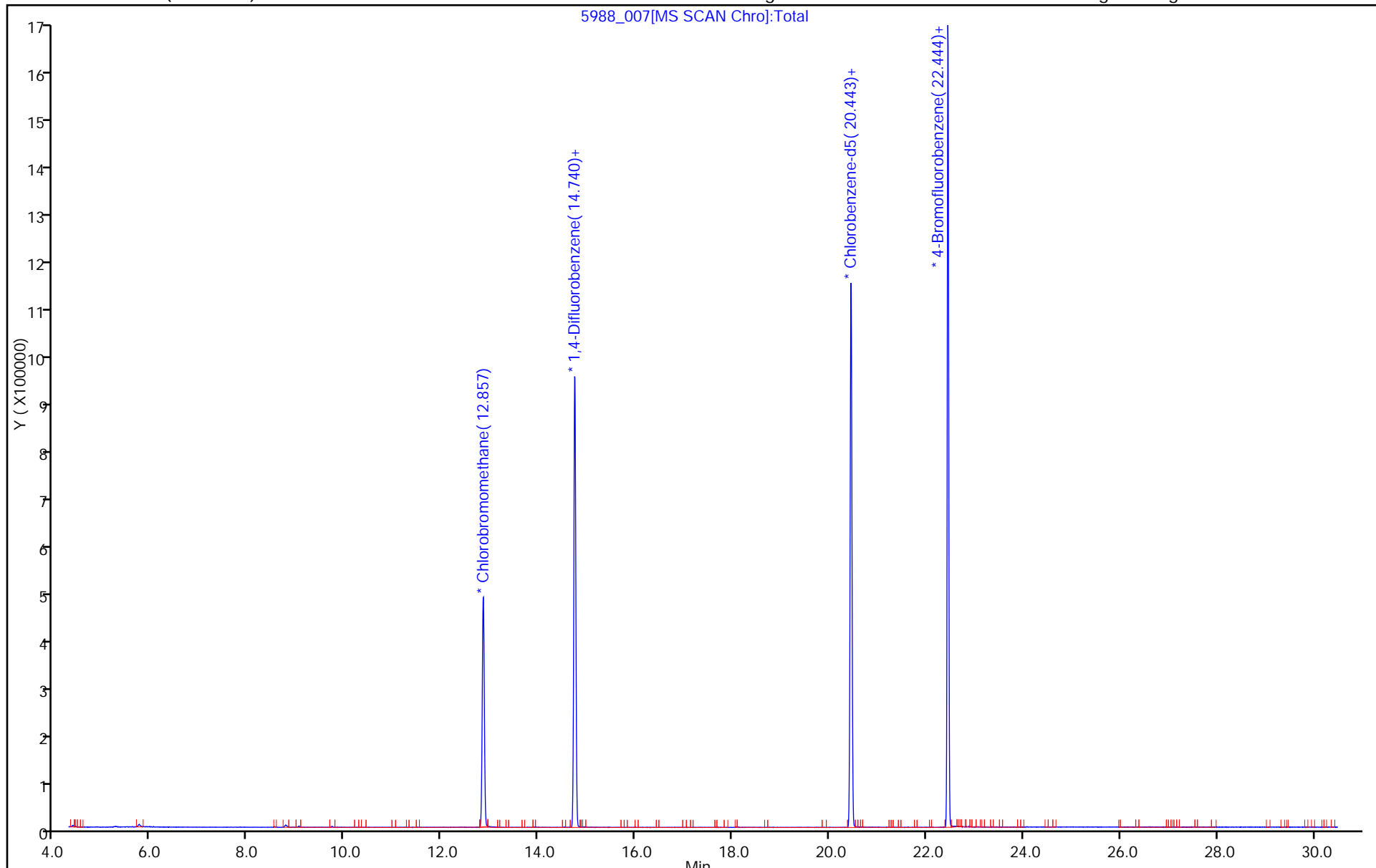
ALS Bottle#: 6

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: 2523 Lab Sample ID: 200-20780-8
 Matrix: Air Lab File ID: 5988_005.d
 Analysis Method: TO-15 Date Collected: 02/04/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: 2523 Lab Sample ID: 200-20780-8
 Matrix: Air Lab File ID: 5988_005.d
 Analysis Method: TO-15 Date Collected: 02/04/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: 2523 Lab Sample ID: 200-20780-8
 Matrix: Air Lab File ID: 5988_005.d
 Analysis Method: TO-15 Date Collected: 02/04/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
 Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
 Client ID: 2523
 Sample Type: Client
 Inject. Date: 05-Feb-2014 16:44:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-005
 Misc. Info.: 200-20780-A-8
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:21:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51	4.538	4.533	0.005	57	6023	0.1422	M
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.852	12.857	-0.005	69	285547	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.745	14.751	-0.006	92	1390713	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	83	1200992	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	765556	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	-----------	---------------	---------------	---	----------	--------------------	-------

110 BFB

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d

Injection Date: 05-Feb-2014 16:44:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20780-A-8

Lab Sample ID: 200-20780-8

Worklist Smp#: 5

Client ID: 2523

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

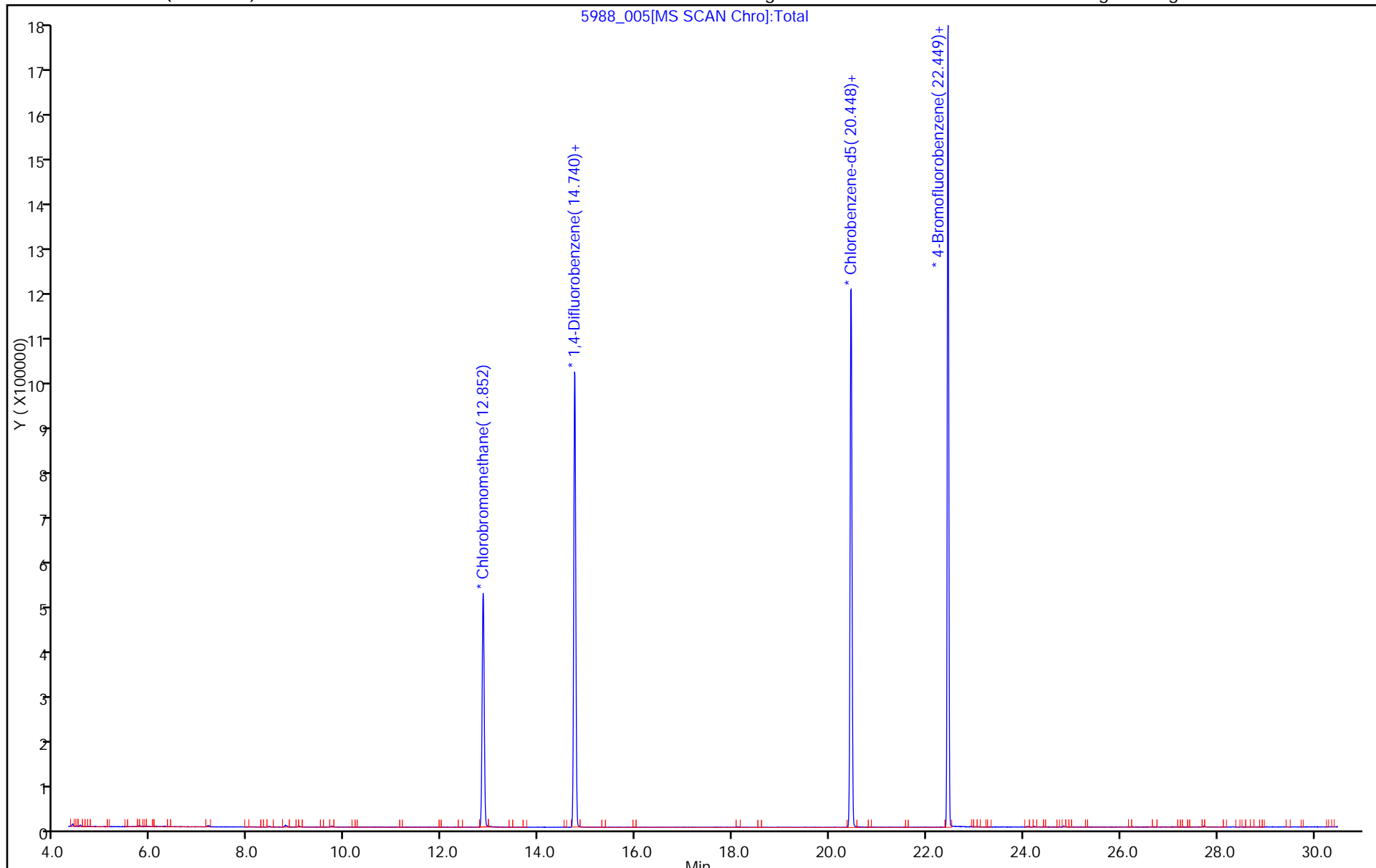
ALS Bottle#: 4

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



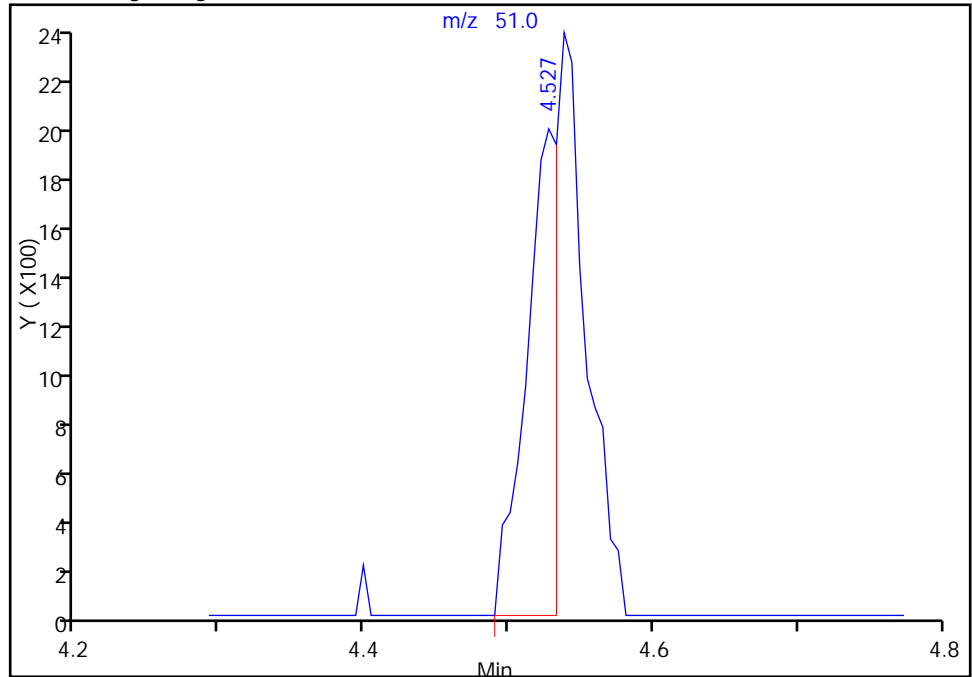
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
Injection Date: 05-Feb-2014 16:44:30 Instrument ID: CHW.i
Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
Client ID: 2523
Operator ID: PAD ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Chlorodifluoromethane, CAS: 75-45-6

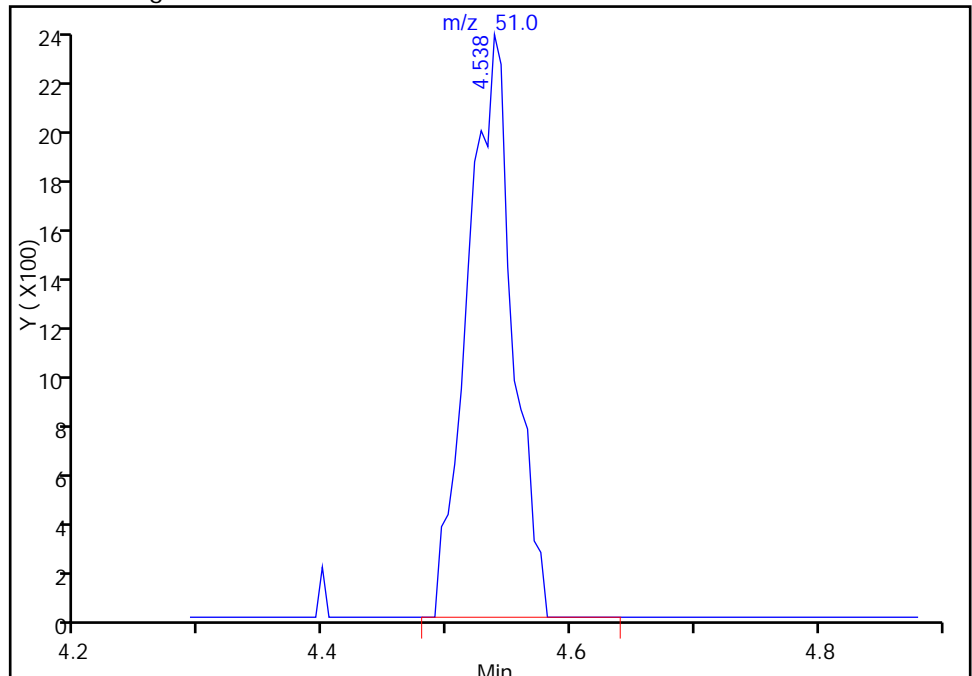
RT: 4.53
Response: 3060
Amount: 0.072226

Processing Integration Results



RT: 4.54
Response: 6023
Amount: 0.142162

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:21:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

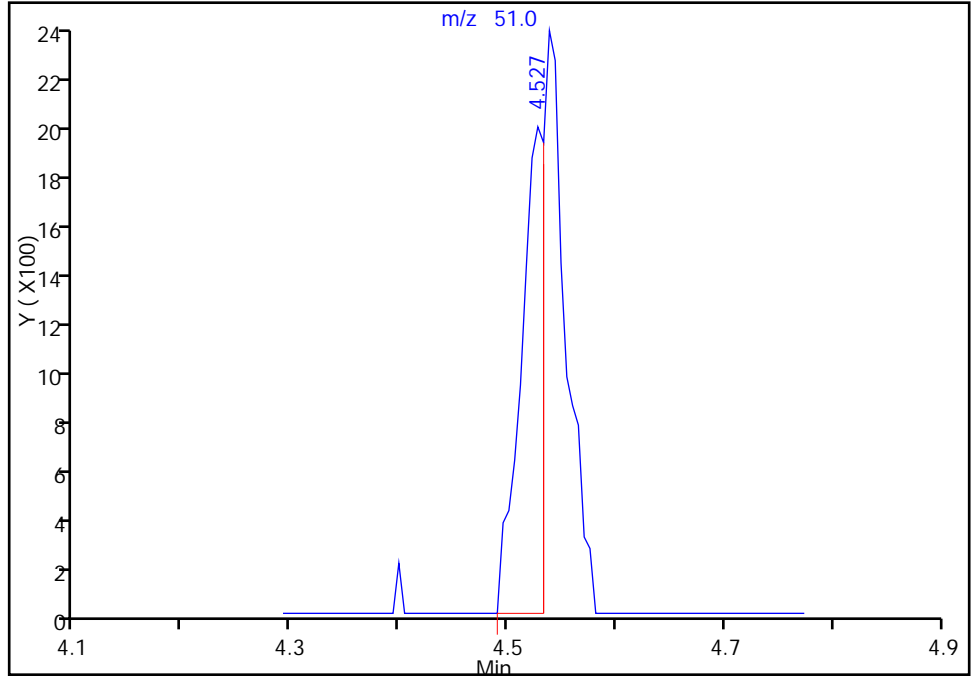
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
Injection Date: 05-Feb-2014 16:44:30 Instrument ID: CHW.i
Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
Client ID: 2523
Operator ID: PAD ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Chlorodifluoromethane, CAS: 75-45-6

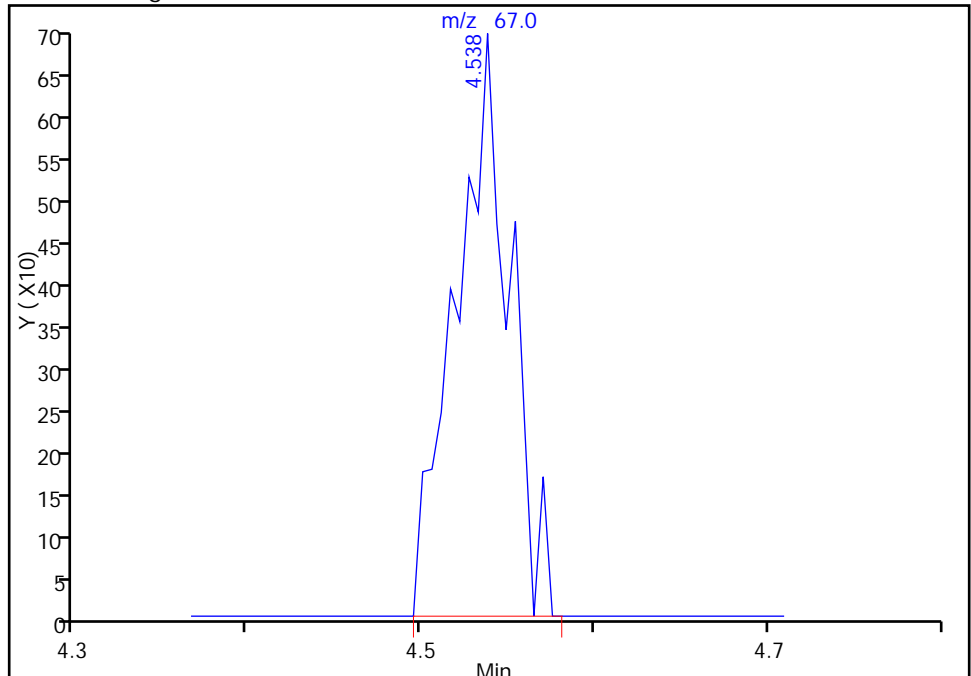
RT: 4.53
Response: 0
Amount: 0.072226

Processing Integration Results



RT: 4.54
Response: 1518
Amount: 0.142162

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:21:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

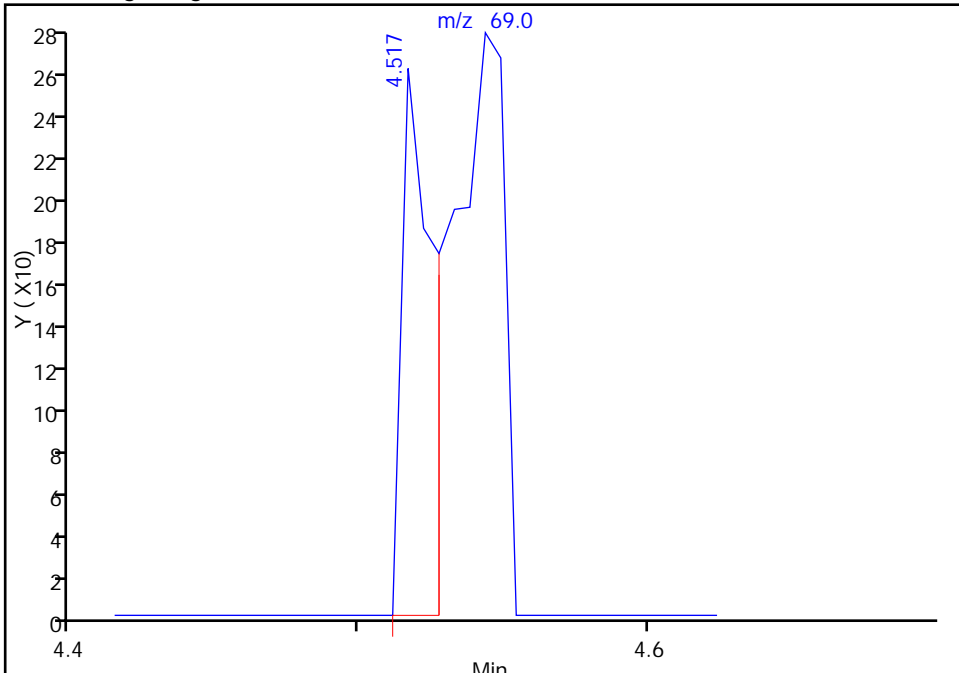
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
Injection Date: 05-Feb-2014 16:44:30 Instrument ID: CHW.i
Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
Client ID: 2523
Operator ID: PAD ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Chlorodifluoromethane, CAS: 75-45-6

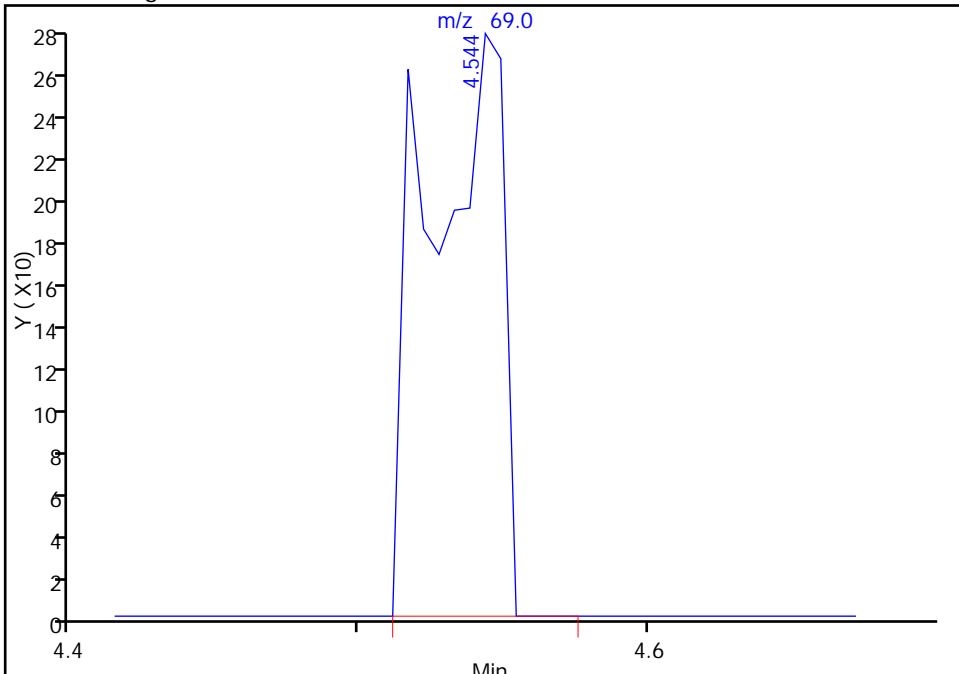
RT: 4.52
Response: 198
Amount: 0.072226

Processing Integration Results



RT: 4.54
Response: 496
Amount: 0.142162

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:21:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	0.6045 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	230038	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	954394	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	154438	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20735-1

Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12

Calibration End Date: 12/12/2013 23:57

Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	++++ 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	230038	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	954394	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	154438	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	0.6045 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	0.6045 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20735-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20735-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 16:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 19:00	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
200-20735-6	5634	02/06/2014 08:58	0.2	5988_013.d	RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20762-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20762-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 16:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 19:00	0.2		RTX-624 0.32 (mm)
200-20762-12	3217	02/05/2014 20:06	0.2	5988_008.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 08:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20763-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20763-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 16:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
200-20763-7	2631	02/05/2014 19:00	0.2	5988_007.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 08:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20780-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20780-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
200-20780-8	2523	02/05/2014 16:44	0.2	5988_005.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 19:00	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 08:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

Shipping and Receiving Documents

TestAmerica Burlington

30 Community Drive
Suite 11

South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Arad's</u> Address: <u>10 Friends Lane</u> City/State/Zip: <u>Newtown PA 18940</u> Phone: <u>267-685-1874</u> FAX: <u>267-685-1521</u> Project Name: <u>L.M.C. Utica</u> Site: <u>Utica NY</u> PO #: <u>NT001050</u>		Project Manager: <u>Jeff Bonsteel</u> Phone: <u>207-685-1674</u> Email: <u>Jeffrey.Bonsteel@ATAA3-us.com</u> Site Contact: <u>D. Zuck</u> TA Contact: <u>Don Diving</u> Analysis Turnaround Time Standard (Specify): <u>2 wks</u> Rush (Specify):		Samples Collected By: <u>KB/DZ</u> of <u>6</u> COCs															
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
IA-VMP-1B	2/17/14	09:36	1705	-30	-14.5	097018	4442	X							X				
SS-VMP-1B		09:36	1715	-29	-5	09709	3011	X							X				
IA-VMP-2B		09:22	1724	-30	-7.5	10239	2956	X							X				
SS-VMP-2B		09:21	1721	-30	-5.2	09702	4343	X							X				
IA-VMP-2C		09:25	1727	-30	-7.5	4532	4006	X							X				
SS-VMP-2C		09:24	1727	-30	-6	10630	4441	X							X				
Temperature (Fahrenheit) Interior Ambient Start Stop Pressure (inches of Hg) Interior Ambient Start Stop																			
Special Instructions/QC Requirements & Comments: Note: All IA + Dup IA should be under Sample Data Group #1 (SOG-1) AM SS + Dup SS should be under Sample Data Group #2 (SOG-2)																			
Samples Shipped by: <u>Don Zuck</u> Date/Time: <u>2/13/14 1100</u> Samples Relinquished by: <u>Don Zuck</u> Date/Time: <u>2/13/14 1100</u> Relinquished by: Date/Time:															Samples Received by: <u>Jeffrey Bonsteel</u> Date/Time: <u>2/14/14 1300</u> Received by: Date/Time:				



Lab Use Only Shipper Name: Condition: Opened by: Received by:

TestAmerica Burlington
 30 Community Drive
 Suite 11

South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager:		Samples Collected By: RB/DZ		2 of 2 COCs	
Company: <i>Arad's</i>	Address: <i>4000</i>	Phone: <i>802-660-1990</i>	Site Contact:	MA-APH	EPA 3C	EPA 25C	ASTM D-1946
City/State/Zip: <i>VT 05403</i>	Project Name: <i>LMC UTICA</i>	FAX: <i>802-660-1919</i>	TA Contact:	TO-15			Other (Please specify in notes section)
Analysis Turnaround Time: <i>24hrs</i>	Standard (Specify): <i>24hrs</i>	Rush (Specify):	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	Sample Type
Sample Dates(s): <i>2/12/14</i>	Time Start: <i>0905</i>	Time Stop: <i>1702</i>	-30	-6.5	<i>10877</i>	<i>5148</i>	Other (Please specify in notes section)
<i>SS-VMP -3A</i>	<i>0902</i>	<i>1703</i>	-30	-12.5	<i>4205</i>	<i>5039</i>	Landfill Gas
<i>IA-VMP -3B</i>	<i>0924</i>	<i>1722</i>	-30	-6	<i>5232</i>	<i>5050</i>	Ambient Air
<i>SS-VMP -3B</i>	<i>0923</i>	<i>1725</i>	-30	-22.5	<i>5203</i>	<i>5028</i>	Indoor Air
<i>IA-VMP -3D</i>	<i>0930</i>	<i>1632</i>	-31	-5	<i>90660</i>	<i>2786</i>	Soil Gas
<i>SS-VMP -3D</i>	<i>0930</i>	<i>1732</i>	-30	-6.5	<i>10660</i>	<i>2639</i>	Soil Gas

Temperature (Fahrenheit)	
Interior	Ambient
Start	
Stop	

Pressure (inches of Hg)	
Interior	Ambient
Start	
Stop	

Special Instructions/QC Requirements & Comments:
Page 1 of 6

Samples Shipped by: <i>Bob</i>	Date/Time: <i>2/13/14 1000</i>	Samples Received by: <i>Bob</i>	Date/Time: <i>2/14/14 1230</i>
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

TestAmerica Burlington

30 Community Drive
Suite 11

South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager		Samples Collected By: <i>KB/DZ</i>		3 of 6 COCs															
Company: <i>Aradis</i>	Phone: <i>905-211-1111</i>	Project Manager: <i>[Signature]</i>	Phone: <i>[Signature]</i>	MA-APH	EPA 3C	EPA 25C	ASTM D-1946														
Address: <i>Aradis</i>	City/State/Zip: <i>Aradis VT 05403</i>	Site Contact: <i>[Signature]</i>	Phone: <i>[Signature]</i>	TO-15			Other (Please specify in notes section)														
FAX: <i>[Signature]</i>	Project Name: <i>Aradis</i>	TA Contact: <i>[Signature]</i>	Phone: <i>[Signature]</i>	Canister ID	Flow Controller ID	Canister ID	Other (Please specify in notes section)														
Site: <i>Aradis</i>	PO # <i>ATOC1050</i>	Analysis Turnaround Time	Standard (Specify) <i>2 wks</i>	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)														
		Rush (Specify)		Sample Date(s)																	
IA-VMP-5B				2/12/14	0910	1714	-31	-14	5168	5618	X										
SS-VMP-5B					0910	1713	-30	-21	09708	5104	X										
IA-VMP-6A					0859	1652	-30	-6	10056	4150	X										
SS-VMP-6A					0857	1632	-30	-6	10654	3459	X										
IA-VMP-6B					0908	1708	-29	-6	3736	5160	X										
SS-VMP-6B					0907	1707	-30+	-11	5182	2712	X										
Sample Identification		Temperature (Fahrenheit)		Interior		Ambient		Pressure (inches of Hg)		Interior		Ambient		Start		Stop		Start		Stop	
Special Instructions/QC Requirements & Comments:																					
<i>See page # 1 of 6</i>																					
Samples Shipped by: <i>[Signature]</i>		Date/Time: <i>2/13/14 1100</i>		Samples Received by: <i>[Signature]</i>		Date/Time: <i>2/14/14 1300</i>		Relinquished by:		Date/Time:		Relinquished by:		Date/Time:		Relinquished by:		Date/Time:		Relinquished by:	
Lab Use Only																					
Shipper Name: Condition:																					

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Aradix</u> Address: <u>See Page # 1 of 6</u> City/State: <u>VT</u> Phone: <u>802-660-1990</u> FAX: <u>802-660-1919</u>		Project Manager: <u>Jeff Bonstrel</u> Phone: _____ Email: _____ Site Contact: _____ TA Contact: _____		Samples Collected By: <u>KB/DZ</u> of <u>6</u> COCs																
Project Name: <u>LMC Utica</u> Site: <u>Utica NY</u> PO # <u>NJ001050</u>		Analysis Turnaround Time Standard (Specify) <u>2 wk</u> Rush (Specify) _____																		
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
IA - VMP - 3E	2/12/14	0937	1640	-29.5	-6	3123	4550	X							X					
SS - VMP - 3E		0936	1740	-30	-6.5	10587	5615	X							X					
IA - VMP - 4		0930	1730	-30	-7.8	3695	5610	X							X					
SS - VMP - 4		0931	1641	-29	-6	10659	5081	X							X					
IA - VMP - 5A		0855	1655	-28.5	-5.5	10240	4282	X							X					
SS - VMP - 5A		0855	1655	-30	-6	10053	5607	X							X					
Temperature (Fahrenheit) Interior _____ Ambient _____ Start _____ Stop _____ Pressure (inches of Hg) Interior _____ Ambient _____ Start _____ Stop _____																				
Special Instructions/QC Requirements & Comments: <u>See page # 1 of 6</u>																				
Samples Shipped by: <u>[Signature]</u>												Date/Time: <u>2/13/14 11:00</u>								
Samples Relinquished by: _____												Date/Time: _____								
Relinquished by: _____												Date/Time: _____								
Samples Received by: <u>[Signature]</u>												Date/Time: <u>2/13/14 13:00</u>								
Relinquished by: _____												Date/Time: _____								
Lab Use Only												Shipped Name: _____ Opened by: _____ Condition: _____								

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>Jeff Bonsted</u>		Samples Collected By: <u>RB/DZ</u>		5 of 6 COCs	
Company: <u>Arad's</u>		Phone:		MA-APH		EPA 3C	
Address: <u>Collie Ave</u>		Email: <u>F 10 of 6</u>		EPA 25C		ASTM D-1946	
City/State/Zip: <u>Utica NY</u>		Site Contact: <u>zww</u>		TO-15		Other (Please specify in notes section)	
Phone: <u>NTA1050</u>		TA Contact:		Flow Controller ID		Soil Gas	
FAX:		Analysis Turnaround Time		Canister ID		Ambient Air	
Project Name: <u>LMC Utica</u>		Standard (Specify) <u>ZWW</u>		Canister Vacuum In Field, "Hg (Start)		Indoor Air	
Site: <u>Utica NY</u>		Rush (Specify)		Canister Vacuum In Field, "Hg (Stop)		Sample Type	
PO # <u>NTA1050</u>		Sample Date(s)		Time Start		Other (Please specify in notes section)	
Sample Identification		Time Stop		Time Start		Other (Please specify in notes section)	
<u>IA - VMP - 7A</u>		1701		0901		Landfill Gas	
<u>IA - VMP - 7A</u>		1815		0854		Soil Gas	
<u>IA - VMP - 7A</u>		1907		1120		Ambient Air	
<u>SS - VMP - 7A</u>		1806		0853		Indoor Air	
<u>IA - VMP - 8D</u>		1634		0914		Sample Type	
<u>SS - Dup - 021214</u>		-		-		Other (Please specify in notes section)	
Temperature (Fahrenheit)		Canister Vacuum In Field, "Hg (Start)		Canister Vacuum In Field, "Hg (Stop)		Flow Controller ID	
Interior		-30		-6.9		5083	
Ambient		-28		-14.9		4056	
Start		-29		-5		3118	
Stop		-30		-26		4030	
Interior		-30		-6		09912	
Ambient		-20		-20		10617	
Start		-		-		5612	
Stop		-		-		3087	
Pressure (inches of Hg)		Time Stop		Time Start		Canister ID	
Interior		-		-		5083	
Ambient		-		-		3118	
Start		-		-		4030	
Stop		-		-		09912	

Special Instructions/QC Requirements & Comments:

See page # 10 of 6

Samples Shipped by: [Signature] Date/Time: 2/13/14 1102 Samples Received by: [Signature] Date/Time: 2/14/14 1300
 Samples Relinquished by: [Signature] Date/Time: 2/13/14 1102 Received by: [Signature]
 Relinquished by: [Signature] Date/Time: 2/13/14 1102 Received by: [Signature]

Lab Use Only Shipper Name: [Signature] Condition: [Signature]

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

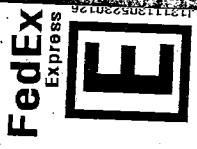
TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Aradis</u> Address: <u>See Page #</u> City/State/Zip: <u>Wino, VT</u> Phone: <u>802-533-1100</u> FAX: <u>802-533-1100</u> Project Name: <u>Wino, VT</u> Site: <u>Wino, VT</u> PO # <u>Wino 50</u>		Project Manager: <u>Jeff Bostel</u> Phone: _____ Email: <u>lot@</u> Site Contact: _____ TA Contact: _____ Analysis Turnaround Time Standard (Specify) <u>Week</u> Rush (Specify) _____		Samples Collected By: <u>KB/DE</u> of <u>6</u> COCs																
Sample Identification <u>IA-DUP-021214</u> _____ _____ _____		Sample Date(s) <u>2/12/14</u>	Time Start <u>-</u>	Time Stop <u>-</u>	Canister Vacuum in Field, "Hg (Start) <u>-30</u>	Canister Vacuum in Field, "Hg (Stop) <u>-14.5</u>	Flow Controller ID <u>-</u>	Canister ID <u>3233</u>	TO-15 <u>X</u>	MA-APH <u>-</u>	EPA 3C <u>-</u>	EPA 25C <u>-</u>	ASTM D-1946 <u>-</u>	Other (Please specify in notes section) <u>-</u>	Sample Type <u>-</u>	Indoor Air <u>X</u>	Ambient Air <u>-</u>	Soil Gas <u>-</u>	Landfill Gas <u>-</u>	Other (Please specify in notes section) <u>-</u>
Special Instructions/QC Requirements & Comments: <u>See page # 1 of 6</u>																				
Samples Shipped by: <u>[Signature]</u>										Date/Time: <u>2/12/14 1100</u>										
Samples Relinquished by: _____										Date/Time: _____										
Relinquished by: _____										Date/Time: _____										
Lab Use Only										Shipper Name: _____										
Opened by: _____										Condition: _____										
Received by: _____										Date/Time: _____										
Received by: _____										Date/Time: _____										

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

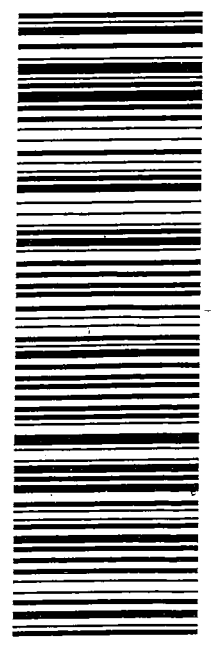
TO **SAMPLE MANAGEMENT**
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1058
REF: 5200-9953



TRK# 5039 4703 0590
[0221] RETURNS MON - FRI
PRIORITY OVERNIGHT 3
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT 3

EK BTVA
05403
VT-US
BTW



FTD 772466 13FEB14 UCAA 51AC1/562F/65DD

ORIGIN ID: BTVA (802) 923-1058
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

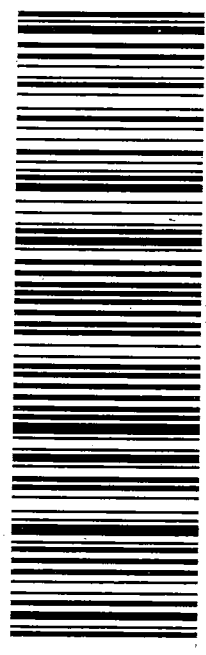
TO **KATIE BIDWELL C/O RICH FERRAIOLA**
CONMED CORPORATION
525 FRENCH ROAD

UTICA NY 13502
(518) 250-7387
REF: 5200-9953



8 of 10
MPS# 5039 4703 0568
[0263] MON - 10 FEB AA
Mstr# 5039 4703 0498 ** 2DAY **

KS UCAA
13502
NY-US SYR



Part # 150148-434 RITZ CM/3

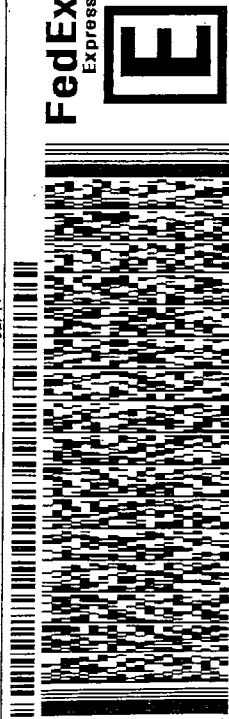
Best America
THE LEADER IN ENVIRONMENTAL

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US
BILL SENDER

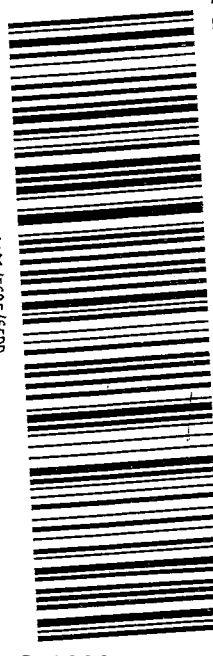
TO
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (802) 923-1058
P.O.

DEPT:



FTD 772466 13FE814 UCMA 51AC1/562F/6500



EK BTVA

05403
VT-US
BTV

FedEx
TRACKING
5039 4703 0649

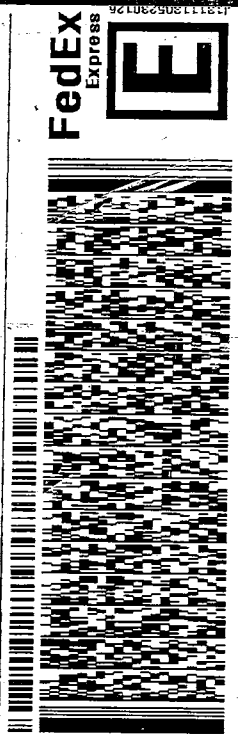
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

ORIGIN ID: BTVA (802) 923-1058
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US
BILL SENDER

TO
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD

UTICA NY 13502
(618) 260-7387

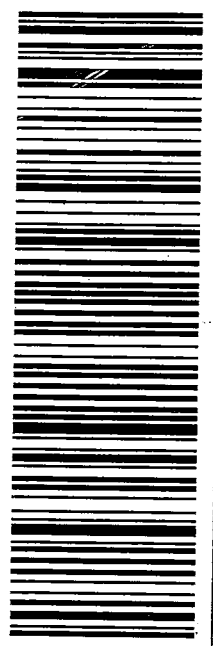
REF: \$200 -- 9953



5 of 10
MPS# 5039 4703 0535
Mstr# 5039 4703 0498
O201

KS UCAA

13502
NY-US
SYR



Part # 169143-434 R172 04/13

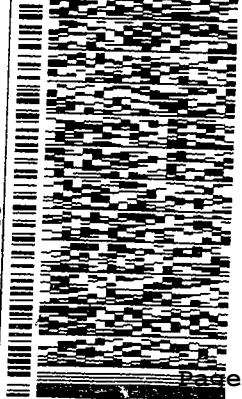
ORIGIN ID: BTVA (802) 923-1058
SHIP DATE: 06FEB14
ACTWGT: 34.3 LB
C50: 000890364/CAFE2704
DIM3: 20x20x14 IN
BILL SENDER

TO
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

UTICA NY 13502

(518) 250-7387

REF: \$200-9953



FedEx
Express
E

9 of 10

MPS# 5039 4703 0579

MStr# 5039 4703 0498

0201

KS UCAA

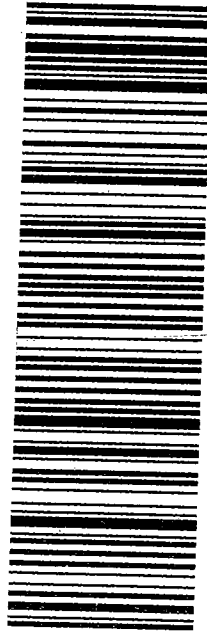
MON - 10 FEB AA

** 2DAY **

13502

NY-US

SYR



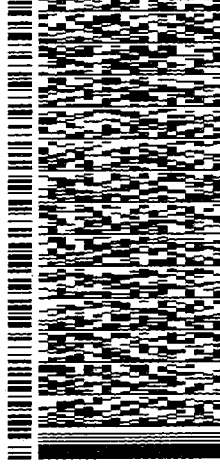
ORIGIN ID: BTVA (518) 250-7387
SHIP DATE: 06FEB14
ACTWGT: 5.0 LB MAX
C50: 000890364/CAFE2704
DIM3: 20x20x14 IN
BILL SENDER

TO
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1058

REF:

DEPT:



FedEx
Express
E

TRK#
0221

FedEx

TRK#
0221

5039 4703 0660

EK BTVA

05403

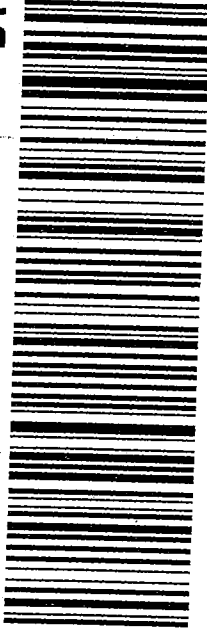
VT-US

BTV

RETURNS MON - FRI

FRI - 14 FEB 10:30A

PRIORITY OVERNIGHT



FD 772466 13FEB14 UCAA 51AC1/562F/6500

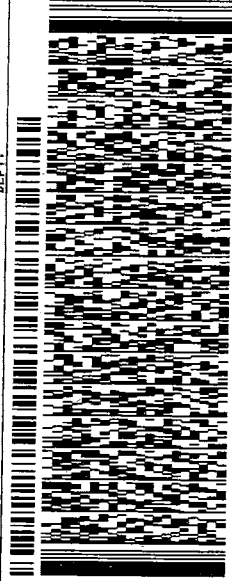
ORIGIN ID: BTVA (518) 250-7387
KATIE BIDMELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

SHIP DATE: 06FEB14
ACTWGT: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIMS: 20x20x14 IN
BILL SENDER

TO SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (602) 923-1068
INV: PO:

DEPT:



FedEx Express **E**

RETURNS MON - FRI
PRIORITY OVERNIGHT

TRK# 5039 4703 0616
0221

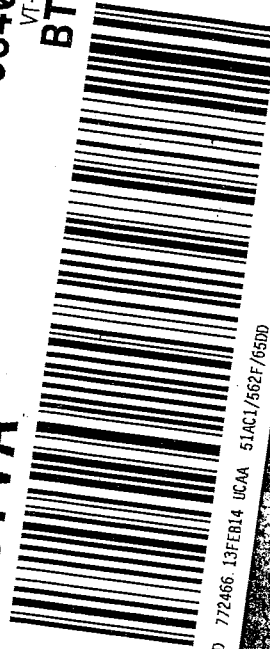
FedEx

TRK# 5039 4703 0616
0221

EK BTVA

FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

05403
VT-US
BTVA



FID 772466 13FEB14 UCAA 51ACT/562F/65DD

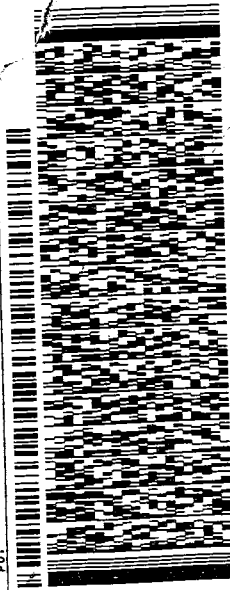
ORIGIN ID: BTVA (518) 250-7387
KATIE BIDMELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

SHIP DATE: 06FEB14
ACTWGT: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIMS: 20x20x14 IN
BILL SENDER

TO SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (602) 923-1068
INV: PO:

DEPT:



FedEx Express **E**

RETURNS MON - FRI
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 5039 4703 0682
0221

FedEx

EK BTVA

05403
VT-US
BTVA



FID 772466 13FEB14 UCAA 51ACT/562F/65DD

A
0682
0214

716
717

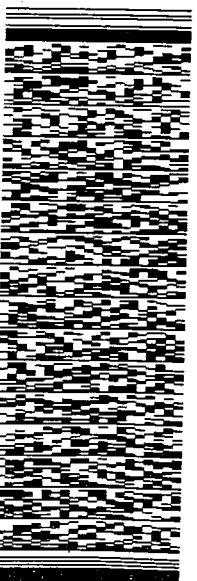
ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

**TO SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403**

REF: (802) 923-1068
INVT: POI:



FedEx Express **E**

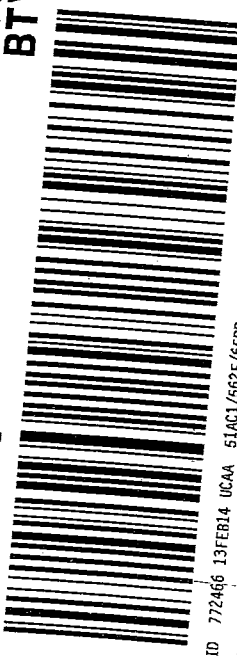


RETURNS MON - FRI
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 5039 4703 0650

EK BTVA

05403
VT-US
BTV



FID 772466 13FEB14 UCAA 51AC1/5627/65DD

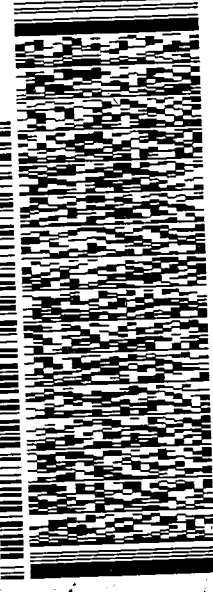
ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

**TO SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403**

REF: (802) 923-1068
INVT: POI:



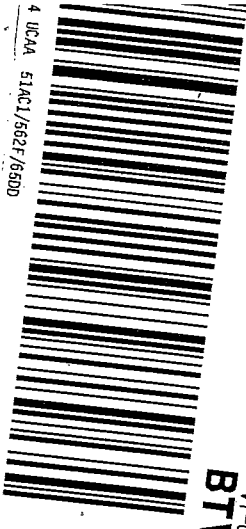
FedEx Express **E**



RETURNS MON - FRI
PRIORITY OVERNIGHT

TRK# 5039 4703

05403
VT-US
BTV



TVA

FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

4703 0627

4 UCAA 51AC1/5627/65DD

TestAmerica Burlington

30 Community Drive
Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information			Project Manager: <i>T Jeff Burdick</i>			Samples Collected By: <i>D. Zink</i> of <i>1</i> COCS																							
Company: <i>Arcadis</i>			Phone: <i>207-855-1874</i>			MA-APH		EPA 3C		EPA 25C		ASTM D-1946		Other (Please specify in notes section)		Sample Type		Indoor Air		Ambient Air		Soil Gas		Landfill Gas		Other (Please specify in notes section)			
Address: <i>10 Francis Lane Suite 200</i>			Email: <i>T Jeff Burdick@Arcadis-us.com</i>							TO-15																			
City/State/Zip: <i>Newtown PA 18940</i>			Site Contact: <i>D. Zink</i>																										
Phone: <i>207-655-1874</i>			TA Contact: <i>Don Durkhi</i>																										
FAX: <i>207-655-1801</i>			Analysis Turnaround Time																										
Project Name: <i>L-MC Utility</i>			Standard (Specify) <i>2 week</i>																										
Site: <i>Utility AM</i>			Rush (Specify)																										
PO # <i>11001050</i>																													
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	Temperature (Fahrenheit)		Pressure (Inches of Hg)		Other (Please specify in notes section)		Other (Please specify in notes section)		Other (Please specify in notes section)													
								Interior	Ambient	Interior	Ambient																		
<i>SS-VMP-7B</i>	<i>2/13/14</i>	<i>1030</i>	<i>1658</i>	<i>-31</i>	<i>-5</i>	<i>3484</i>	<i>2706</i>	<i>69</i>	<i>24</i>	<i>29.96</i>	<i>29.62</i>																		
<i>AMB-021314</i>	<i>2/13/14</i>	<i>1155</i>	<i>2000</i>	<i>-30</i>	<i>-10.5</i>	<i>5178</i>	<i>3015</i>	<i>68</i>	<i>27</i>																				
<p>Special Instructions/QC Requirements & Comments:</p> <p><i>please analyze SS with sample Datas Group #2 (S06-2)</i></p> <p><i>please analyze AMB with S06-1.</i></p>																													
Samples Shipped by: <i>[Signature]</i>												Date/Time: <i>2/14/14 1500</i>					Samples Received by: <i>[Signature]</i>					Date/Time: <i>2/17/14 0900</i>							
Samples Relinquished by:												Date/Time:					Received by:					Date/Time:							
Relinquished by:												Date/Time:					Received by:					Date/Time:							



200-20969 Chain of Custody

Lab Use Only Shipper Name:

Opened by:

Condition:

ORIGIN ID:BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD

SHIP DATE: 08FEB14
ACTWGT: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIMS: 20x20x14 IN

UTICA, NY 13502
UNITED STATES US

BILL SENDER

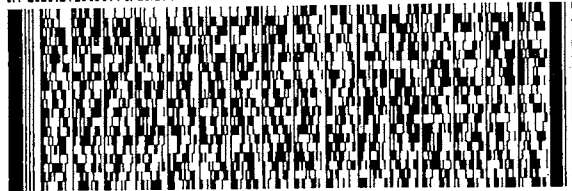
TO **SAMPLE MANAGEMENT**
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1058

REF:

INVT:

DEPT:



FedEx
Express



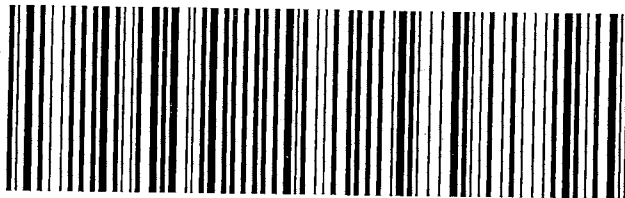
J13111305230126

FedEx
TRK#
0221 5039 4703 0605

MON - 17 FEB 10:30A
PRIORITY OVERNIGHT

KS BTVA

05403
VT-US
BTV



FID 965958 14FEB14 SYRA 51AC1/562F/65DD

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG Number: 200-20955-1

Login Number: 20955
List Number: 1
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	119091,092,093,094,096,097,118941,942,943
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	AMBIENT
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-1
SDG Number: 200-20955-1

Login Number: 20969
List Number: 1
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	118944
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 200-20955-2

SDG Number: 200-20955-2

Job Description: LMC Utica

For:

ARCADIS U.S., Inc.

10 Friends Lane

Suite 200

Newtown, PA 18940

Attention: Mr. Jeffrey Bonsteel



Approved for release.
Don C Dawicki
Manager of Project Management
2/28/2014 4:41 PM

Don C Dawicki, Manager of Project Management
30 Community Drive, South Burlington, VT, 05403
(802)660-1990
don.dawicki@testamericainc.com
02/28/2014

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

TestAmerica Laboratories, Inc.

TestAmerica Burlington 30 Community Drive, Suite 11, South Burlington, VT 05403

Tel (802) 660-1990 Fax (802) 660-1919 www.testamericainc.com



Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Manual Integration Summary	5
Sample Summary	10
Executive Summary	11
Method Summary	32
Method / Analyst Summary	33
Sample Datasheets	34
QC Data Summary	98
Data Qualifiers	110
QC Association Summary	111
Lab Chronicle	112
Certification Summary	116
Organic Sample Data	117
Air - GC/MS VOA	117
Method TO15	117
Method TO15 QC Summary	118
Method TO15 Sample Data	132
Standards Data	664
Method TO15 ICAL Data	664
Method TO15 CCAL Data	792
Raw QC Data	815
Method TO15 Tune Data	815
Method TO15 Blank Data	829
Method TO15 LCS/LCSD Data	853

Table of Contents

Method TO15 Run Logs	869
Method TO15 Prep Data	874
Air Canister Dilution	877
Pre-shipment Certification	878
LCS Data	882
Blank Data	890
Tune Data	922
IS/RT Data	930
Clean Canister Data	938
ICAL Data	975
ICV/CCV Data	1015
Run Logs	1039
Shipping and Receiving Documents	1047
Client Chain of Custody	1048
Sample Receipt Checklist	1061

CASE NARRATIVE

Client: ARCADIS U.S., Inc.

Project: LMC Utica

Report Number: 200-20955-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 02/14/2014 and 02/17/2014; the samples arrived in good condition.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): IA-VMP-2B. The container labels lists a stop time of 1725, while the COC lists A stop time of 1724. Used stop time from COC for Log in.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): IA-VMP-7, IA-VMP-7A. The container labels lists IA-VMP-7A and IA-VMP-7, while the COC lists IA-VMP-7 and IA-VMP-7A. The client was contacted, and the lab was instructed to use ID's from canister labels for log in.

VOLATILE ORGANIC COMPOUNDS

Samples SS-VMP-7B, SS-VMP-1B, SS-VMP-2B, SS-VMP-2C, SS-VMP-3A, SS-VMP-3B, SS-VMP-3D, SS-VMP-5B, SS-VMP-6A, SS-VMP-6B, SS-VMP-3E, SS-VMP-4, SS-VMP-5A, SS-VMP-7, SS-VMP-7A and SS-DUP-021214 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 02/21/2014, 02/22/2014, 02/24/2014 and 02/25/2014.

1,3-Dichlorobenzene and 1,4-Dichlorobenzene were detected in method blank MB 200-68730/4 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Samples SS-VMP-7B[23.8X], SS-VMP-2B[2.5X], SS-VMP-3A[20.1X], SS-VMP-5B[6.9X], SS-VMP-6A[10X], SS-VMP-6B[10X], SS-VMP-4[2X], SS-VMP-5A[5.71X], SS-VMP-7[8X], SS-VMP-7A[7.49X] and SS-DUP-021214[7.48X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOC analysis.

All other quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHG.i Analysis Batch Number: 68619

Lab Sample ID: IC 200-68619/6 Client Sample ID: _____

Date Analyzed: 02/20/14 16:25 Lab File ID: 6246_006.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	13.12	Baseline Event	daiglep	02/21/14 11:51
Tetrachloroethene	16.97	Baseline Event	daiglep	02/21/14 11:51

Lab Sample ID: IC 200-68619/7 Client Sample ID: _____

Date Analyzed: 02/20/14 17:12 Lab File ID: 6246_007.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	8.19	Baseline Event	daiglep	02/21/14 11:54

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHG.i Analysis Batch Number: 68745

Lab Sample ID: 200-20955-2 Client Sample ID: SS-VMP-1B

Date Analyzed: 02/21/14 23:08 Lab File ID: 6267_016.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Heptane	12.17	Baseline Event	lyonsb	02/24/14 11:52

Lab Sample ID: 200-20955-10 Client Sample ID: SS-VMP-3B

Date Analyzed: 02/22/14 03:04 Lab File ID: 6267_021.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.99	Baseline Event	lyonsb	02/24/14 10:47

Lab Sample ID: 200-20955-16 Client Sample ID: SS-VMP-6A

Date Analyzed: 02/22/14 06:58 Lab File ID: 6267_026.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.99	Baseline Event	lyonsb	02/24/14 10:50

Lab Sample ID: 200-20955-18 Client Sample ID: SS-VMP-6B

Date Analyzed: 02/22/14 08:32 Lab File ID: 6267_028.D GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	8.95	Baseline Event	lyonsb	02/24/14 10:52
Cyclohexane	11.00	Baseline Event	lyonsb	02/24/14 10:52
Benzene	11.74	Baseline Event	lyonsb	02/24/14 10:52
Trichloroethene	13.11	Baseline Event	lyonsb	02/24/14 10:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHW.i Analysis Batch Number: 68234

Lab Sample ID: IC 200-68234/4 Client Sample ID: _____

Date Analyzed: 02/11/14 19:12 Lab File ID: 6101_004.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	15.21	Baseline Event	lyonsb	02/12/14 09:19
Tetrachloroethene	18.69	Baseline Event	lyonsb	02/12/14 09:19

Lab Sample ID: IC 200-68234/5 Client Sample ID: _____

Date Analyzed: 02/11/14 20:02 Lab File ID: 6101_005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 22	4.53	Baseline Event	lyonsb	02/12/14 09:18
Chloromethane	5.02	Baseline Event	lyonsb	02/12/14 09:18
Ethanol	7.84	Baseline Event	lyonsb	02/12/14 09:18
Acrolein	8.43	Baseline Event	lyonsb	02/12/14 09:18
Allyl chloride	9.40	Baseline Event	lyonsb	02/12/14 09:18
Methyl tert-butyl ether	10.18	Baseline Event	lyonsb	02/12/14 09:18
Acrylonitrile	10.39	Baseline Event	lyonsb	02/12/14 09:18
Hexane	10.66	Baseline Event	lyonsb	02/12/14 09:18
Ethyl acetate	12.42	Baseline Event	lyonsb	02/12/14 09:18
Cyclohexane	13.27	Baseline Event	lyonsb	02/12/14 09:18
1,1,1-Trichloroethane	13.29	Baseline Event	lyonsb	02/12/14 09:18
Heptane	14.29	Baseline Event	lyonsb	02/12/14 09:18
n-Butanol	15.05	Baseline Event	lyonsb	02/12/14 09:18
1,4-Dioxane	15.93	Baseline Event	lyonsb	02/12/14 09:18
cis-1,3-Dichloropropene	17.08	Baseline Event	lyonsb	02/12/14 09:18
trans-1,3-Dichloropropene	18.19	Baseline Event	lyonsb	02/12/14 09:18
Methyl Butyl Ketone (2-Hexanone)	18.96	Baseline Event	lyonsb	02/12/14 09:18
Ethylbenzene	20.61	Baseline Event	lyonsb	02/12/14 09:18
Styrene	21.58	Baseline Event	lyonsb	02/12/14 09:18
Naphthalene	28.30	Baseline Event	lyonsb	02/12/14 09:18

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHW.i Analysis Batch Number: 68234

Lab Sample ID: IC 200-68234/6 Client Sample ID: _____

Date Analyzed: 02/11/14 20:50 Lab File ID: 6101_006.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	8.42	Baseline Event	lyonsb	02/12/14 09:15
Acrylonitrile	10.40	Baseline Event	lyonsb	02/12/14 09:15
cis-1,2-Dichloroethene	12.38	Baseline Event	lyonsb	02/12/14 09:15
1,1,2-Trichloroethane	18.56	Baseline Event	lyonsb	02/12/14 09:15
n-Dodecane	26.44	Baseline Event	lyonsb	02/12/14 09:15
Naphthalene	28.32	Baseline Event	lyonsb	02/12/14 09:15

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHW.i Analysis Batch Number: 68730

Lab Sample ID: 200-20955-20 Client Sample ID: SS-VMP-3E

Date Analyzed: 02/24/14 19:16 Lab File ID: 6282_010.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 113	8.45	Baseline Event	lyonsb	02/25/14 09:15
Trichloroethene	15.20	Baseline Event	lyonsb	02/25/14 09:15
4-Ethyltoluene	22.91	Unspecified		
1,3,5-Trimethylbenzene	23.01	Unspecified		

Lab Sample ID: 200-20955-24 Client Sample ID: SS-VMP-5A

Date Analyzed: 02/24/14 21:40 Lab File ID: 6282_013.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	13.28	Baseline Event	lyonsb	02/25/14 09:20
Ethylbenzene	20.63	Baseline Event	lyonsb	02/25/14 09:20

Lab Sample ID: 200-20955-25 Client Sample ID: SS-VMP-7

Date Analyzed: 02/24/14 22:28 Lab File ID: 6282_014.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 11	7.18	Baseline Event	lyonsb	02/25/14 09:23
Cyclohexane	13.26	Baseline Event	lyonsb	02/25/14 09:41

Lab Sample ID: 200-20955-30 Client Sample ID: SS-DUP-021214

Date Analyzed: 02/25/14 00:04 Lab File ID: 6282_016.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	15.22	Baseline Event	lyonsb	02/25/14 09:43
Ethylbenzene	20.62	Baseline Event	lyonsb	02/25/14 09:43

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-20955-2	SS-VMP-1B	Air	02/12/2014 1715	02/14/2014 1320
200-20955-4	SS-VMP-2B	Air	02/12/2014 1721	02/14/2014 1320
200-20955-6	SS-VMP-2C	Air	02/12/2014 1727	02/14/2014 1320
200-20955-8	SS-VMP-3A	Air	02/12/2014 1703	02/14/2014 1320
200-20955-10	SS-VMP-3B	Air	02/12/2014 1725	02/14/2014 1320
200-20955-12	SS-VMP-3D	Air	02/12/2014 1732	02/14/2014 1320
200-20955-14	SS-VMP-5B	Air	02/12/2014 1713	02/14/2014 1320
200-20955-16	SS-VMP-6A	Air	02/12/2014 1632	02/14/2014 1320
200-20955-18	SS-VMP-6B	Air	02/12/2014 1707	02/14/2014 1320
200-20955-20	SS-VMP-3E	Air	02/12/2014 1740	02/14/2014 1320
200-20955-22	SS-VMP-4	Air	02/12/2014 1641	02/14/2014 1320
200-20955-24	SS-VMP-5A	Air	02/12/2014 1655	02/14/2014 1320
200-20955-25	SS-VMP-7	Air	02/12/2014 1701	02/14/2014 1320
200-20955-28	SS-VMP-7A	Air	02/12/2014 1806	02/14/2014 1320
200-20955-30	SS-DUP-021214	Air	02/12/2014 0000	02/14/2014 1320
200-20969-1	SS-VMP-7B	Air	02/13/2014 1658	02/17/2014 0940

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-2	SS-VMP-1B					
Freon 12		0.52		0.50	ppb v/v	TO-15
Freon 12		2.6		2.5	ug/m3	TO-15
Freon 22		0.30	J	0.50	ppb v/v	TO-15
Freon 22		1.1	J	1.8	ug/m3	TO-15
Freon-114		0.092	J	0.20	ppb v/v	TO-15
Freon-114		0.65	J	1.4	ug/m3	TO-15
n-Butane		2.2		0.50	ppb v/v	TO-15
n-Butane		5.1		1.2	ug/m3	TO-15
Vinyl chloride		0.10		0.040	ppb v/v	TO-15
Vinyl chloride		0.27		0.10	ug/m3	TO-15
1,3-Butadiene		0.089	J	0.20	ppb v/v	TO-15
1,3-Butadiene		0.20	J	0.44	ug/m3	TO-15
Bromomethane		0.090	J	0.20	ppb v/v	TO-15
Bromomethane		0.35	J	0.78	ug/m3	TO-15
Chloroethane		0.15	J	0.50	ppb v/v	TO-15
Chloroethane		0.40	J	1.3	ug/m3	TO-15
Freon 11		8.3		0.20	ppb v/v	TO-15
Freon 11		47		1.1	ug/m3	TO-15
1,1-Dichloroethene		0.10	J	0.20	ppb v/v	TO-15
1,1-Dichloroethene		0.41	J	0.79	ug/m3	TO-15
Acetone		19		5.0	ppb v/v	TO-15
Acetone		45		12	ug/m3	TO-15
Isopropyl alcohol		410	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		1000	E	12	ug/m3	TO-15
Methylene Chloride		0.86		0.50	ppb v/v	TO-15
Methylene Chloride		3.0		1.7	ug/m3	TO-15
trans-1,2-Dichloroethene		0.098	J	0.20	ppb v/v	TO-15
trans-1,2-Dichloroethene		0.39	J	0.79	ug/m3	TO-15
Hexane		0.34		0.20	ppb v/v	TO-15
Hexane		1.2		0.70	ug/m3	TO-15
1,1-Dichloroethane		0.099	J	0.20	ppb v/v	TO-15
1,1-Dichloroethane		0.40	J	0.81	ug/m3	TO-15
Methyl Ethyl Ketone		15		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		44		1.5	ug/m3	TO-15
cis-1,2-Dichloroethene		0.23		0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		0.93		0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		0.33		0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		1.3		0.79	ug/m3	TO-15
Chloroform		0.20		0.20	ppb v/v	TO-15
Chloroform		0.98		0.98	ug/m3	TO-15
Tetrahydrofuran		0.78	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		2.3	J	15	ug/m3	TO-15
Cyclohexane		3.2		0.20	ppb v/v	TO-15
Cyclohexane		11		0.69	ug/m3	TO-15
Carbon tetrachloride		0.10		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.65		0.25	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
2,2,4-Trimethylpentane		0.38		0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		1.8		0.93	ug/m3	TO-15
Benzene		0.39		0.20	ppb v/v	TO-15
Benzene		1.2		0.64	ug/m3	TO-15
1,2-Dichloroethane		0.082	J	0.20	ppb v/v	TO-15
1,2-Dichloroethane		0.33	J	0.81	ug/m3	TO-15
Heptane		0.24		0.20	ppb v/v	TO-15
Heptane		1.0		0.82	ug/m3	TO-15
Trichloroethene		0.77		0.040	ppb v/v	TO-15
Trichloroethene		4.1		0.21	ug/m3	TO-15
Methyl methacrylate		0.15	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.63	J	2.0	ug/m3	TO-15
1,4-Dioxane		0.51	J	5.0	ppb v/v	TO-15
1,4-Dioxane		1.8	J	18	ug/m3	TO-15
Bromodichloromethane		0.070	J	0.20	ppb v/v	TO-15
Bromodichloromethane		0.47	J	1.3	ug/m3	TO-15
methyl isobutyl ketone		0.15	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.60	J	2.0	ug/m3	TO-15
Toluene		0.80		0.20	ppb v/v	TO-15
Toluene		3.0		0.75	ug/m3	TO-15
trans-1,3-Dichloropropene		0.074	J	0.20	ppb v/v	TO-15
trans-1,3-Dichloropropene		0.34	J	0.91	ug/m3	TO-15
1,1,2-Trichloroethane		0.087	J	0.20	ppb v/v	TO-15
1,1,2-Trichloroethane		0.48	J	1.1	ug/m3	TO-15
Tetrachloroethene		0.88		0.20	ppb v/v	TO-15
Tetrachloroethene		6.0		1.4	ug/m3	TO-15
Chlorobenzene		0.12	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.55	J	0.92	ug/m3	TO-15
Ethylbenzene		0.17	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.74	J	0.87	ug/m3	TO-15
m,p-Xylene		0.35	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.5	J	2.2	ug/m3	TO-15
Xylene, o-		0.14	J	0.20	ppb v/v	TO-15
Xylene, o-		0.62	J	0.87	ug/m3	TO-15
Xylene (total)		0.49		0.20	ppb v/v	TO-15
Xylene (total)		2.1		0.87	ug/m3	TO-15
Styrene		0.12	J	0.20	ppb v/v	TO-15
Styrene		0.49	J	0.85	ug/m3	TO-15
Bromoform		0.069	J	0.20	ppb v/v	TO-15
Bromoform		0.71	J	2.1	ug/m3	TO-15
1,1,2,2-Tetrachloroethane		0.088	J	0.20	ppb v/v	TO-15
1,1,2,2-Tetrachloroethane		0.60	J	1.4	ug/m3	TO-15
n-Propylbenzene		0.091	J	0.20	ppb v/v	TO-15
n-Propylbenzene		0.45	J	0.98	ug/m3	TO-15
4-Ethyltoluene		0.097	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.48	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.082	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.40	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
2-Chlorotoluene		0.080	J	0.20	ppb v/v	TO-15
2-Chlorotoluene		0.41	J	1.0	ug/m3	TO-15
tert-Butylbenzene		0.077	J	0.20	ppb v/v	TO-15
tert-Butylbenzene		0.42	J	1.1	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.086	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.42	J	0.98	ug/m3	TO-15
1,3-Dichlorobenzene		0.22		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		1.3		1.2	ug/m3	TO-15
1,4-Dichlorobenzene		0.065	J	0.20	ppb v/v	TO-15
1,4-Dichlorobenzene		0.39	J	1.2	ug/m3	TO-15
1,2-Dichlorobenzene		0.069	J	0.20	ppb v/v	TO-15
1,2-Dichlorobenzene		0.42	J	1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-4	SS-VMP-2B					
Freon 12		27		1.3	ppb v/v	TO-15
Freon 12		130		6.2	ug/m3	TO-15
Freon 22		0.32	J	1.3	ppb v/v	TO-15
Freon 22		1.1	J	4.4	ug/m3	TO-15
Freon 11		0.82		0.50	ppb v/v	TO-15
Freon 11		4.6		2.8	ug/m3	TO-15
Freon 113		0.54		0.50	ppb v/v	TO-15
Freon 113		4.1		3.8	ug/m3	TO-15
Acetone		15		13	ppb v/v	TO-15
Acetone		36		30	ug/m3	TO-15
Isopropyl alcohol		630	E	13	ppb v/v	TO-15
Isopropyl alcohol		1500	E	31	ug/m3	TO-15
Methylene Chloride		0.57	J	1.3	ppb v/v	TO-15
Methylene Chloride		2.0	J	4.3	ug/m3	TO-15
Hexane		0.21	J	0.50	ppb v/v	TO-15
Hexane		0.75	J	1.8	ug/m3	TO-15
1,1-Dichloroethane		0.13	J	0.50	ppb v/v	TO-15
1,1-Dichloroethane		0.51	J	2.0	ug/m3	TO-15
Methyl Ethyl Ketone		19		1.3	ppb v/v	TO-15
Methyl Ethyl Ketone		56		3.7	ug/m3	TO-15
Chloroform		0.23	J	0.50	ppb v/v	TO-15
Chloroform		1.1	J	2.4	ug/m3	TO-15
Tetrahydrofuran		1.0	J	13	ppb v/v	TO-15
Tetrahydrofuran		3.0	J	37	ug/m3	TO-15
1,1,1-Trichloroethane		13		0.50	ppb v/v	TO-15
1,1,1-Trichloroethane		72		2.7	ug/m3	TO-15
Cyclohexane		9.3		0.50	ppb v/v	TO-15
Cyclohexane		32		1.7	ug/m3	TO-15
Benzene		0.29	J	0.50	ppb v/v	TO-15
Benzene		0.92	J	1.6	ug/m3	TO-15
Trichloroethene		4.2		0.10	ppb v/v	TO-15
Trichloroethene		23		0.54	ug/m3	TO-15
Toluene		0.85		0.50	ppb v/v	TO-15
Toluene		3.2		1.9	ug/m3	TO-15
Tetrachloroethene		0.36	J	0.50	ppb v/v	TO-15
Tetrachloroethene		2.4	J	3.4	ug/m3	TO-15
Chlorobenzene		0.14	J	0.50	ppb v/v	TO-15
Chlorobenzene		0.64	J	2.3	ug/m3	TO-15
Ethylbenzene		0.18	J	0.50	ppb v/v	TO-15
Ethylbenzene		0.78	J	2.2	ug/m3	TO-15
m,p-Xylene		0.30	J	1.3	ppb v/v	TO-15
m,p-Xylene		1.3	J	5.4	ug/m3	TO-15
Xylene, o-		0.12	J	0.50	ppb v/v	TO-15
Xylene, o-		0.53	J	2.2	ug/m3	TO-15
Xylene (total)		0.42	J	0.50	ppb v/v	TO-15
Xylene (total)		1.8	J	2.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Styrene		0.39	J	0.50	ppb v/v	TO-15
Styrene		1.7	J	2.1	ug/m3	TO-15
4-Ethyltoluene		0.075	J	0.50	ppb v/v	TO-15
4-Ethyltoluene		0.37	J	2.5	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.059	J	0.50	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.29	J	2.5	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.16	J	0.50	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.79	J	2.5	ug/m3	TO-15
1,3-Dichlorobenzene		0.47	J	0.50	ppb v/v	TO-15
1,3-Dichlorobenzene		2.8	J	3.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-6	SS-VMP-2C					
Freon 12		0.37	J	0.50	ppb v/v	TO-15
Freon 12		1.8	J	2.5	ug/m3	TO-15
Freon 22		0.37	J	0.50	ppb v/v	TO-15
Freon 22		1.3	J	1.8	ug/m3	TO-15
n-Butane		0.53		0.50	ppb v/v	TO-15
n-Butane		1.3		1.2	ug/m3	TO-15
Freon 11		0.35		0.20	ppb v/v	TO-15
Freon 11		2.0		1.1	ug/m3	TO-15
Freon 113		0.077	J	0.20	ppb v/v	TO-15
Freon 113		0.59	J	1.5	ug/m3	TO-15
Acetone		16		5.0	ppb v/v	TO-15
Acetone		39		12	ug/m3	TO-15
Isopropyl alcohol		610	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		1500	E	12	ug/m3	TO-15
Carbon disulfide		0.87		0.50	ppb v/v	TO-15
Carbon disulfide		2.7		1.6	ug/m3	TO-15
Methylene Chloride		5.4		0.50	ppb v/v	TO-15
Methylene Chloride		19		1.7	ug/m3	TO-15
Hexane		0.19	J	0.20	ppb v/v	TO-15
Hexane		0.66	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		21		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		61		1.5	ug/m3	TO-15
Tetrahydrofuran		1.1	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		3.2	J	15	ug/m3	TO-15
1,1,1-Trichloroethane		0.35		0.20	ppb v/v	TO-15
1,1,1-Trichloroethane		1.9		1.1	ug/m3	TO-15
Cyclohexane		9.5		0.20	ppb v/v	TO-15
Cyclohexane		33		0.69	ug/m3	TO-15
Carbon tetrachloride		0.054		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.34		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.12	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.57	J	0.93	ug/m3	TO-15
Benzene		0.27		0.20	ppb v/v	TO-15
Benzene		0.87		0.64	ug/m3	TO-15
Heptane		0.17	J	0.20	ppb v/v	TO-15
Heptane		0.70	J	0.82	ug/m3	TO-15
Trichloroethene		0.026	J	0.040	ppb v/v	TO-15
Trichloroethene		0.14	J	0.21	ug/m3	TO-15
methyl isobutyl ketone		0.21	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.84	J	2.0	ug/m3	TO-15
Toluene		0.84		0.20	ppb v/v	TO-15
Toluene		3.2		0.75	ug/m3	TO-15
Tetrachloroethene		0.044	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.30	J	1.4	ug/m3	TO-15
Chlorobenzene		0.12	J	0.20	ppb v/v	TO-15
Chlorobenzene		0.57	J	0.92	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Ethylbenzene		0.18	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.80	J	0.87	ug/m3	TO-15
m,p-Xylene		0.34	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.5	J	2.2	ug/m3	TO-15
Xylene, o-		0.13	J	0.20	ppb v/v	TO-15
Xylene, o-		0.58	J	0.87	ug/m3	TO-15
Xylene (total)		0.47		0.20	ppb v/v	TO-15
Xylene (total)		2.0		0.87	ug/m3	TO-15
Styrene		0.46		0.20	ppb v/v	TO-15
Styrene		2.0		0.85	ug/m3	TO-15
4-Ethyltoluene		0.067	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.33	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.057	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.28	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.17	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.86	J	0.98	ug/m3	TO-15
1,3-Dichlorobenzene		0.63		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		3.8		1.2	ug/m3	TO-15
200-20955-8	SS-VMP-3A					
Freon 22		2.4	J	10	ppb v/v	TO-15
Freon 22		8.5	J	36	ug/m3	TO-15
Isopropyl alcohol		620		100	ppb v/v	TO-15
Isopropyl alcohol		1500		250	ug/m3	TO-15
Methylene Chloride		400		10	ppb v/v	TO-15
Methylene Chloride		1400		35	ug/m3	TO-15
Methyl Ethyl Ketone		12		10	ppb v/v	TO-15
Methyl Ethyl Ketone		35		30	ug/m3	TO-15
Tetrahydrofuran		2.0	J	100	ppb v/v	TO-15
Tetrahydrofuran		6.0	J	300	ug/m3	TO-15
Toluene		1.5	J	4.0	ppb v/v	TO-15
Toluene		5.7	J	15	ug/m3	TO-15
1,3-Dichlorobenzene		0.63	J	4.0	ppb v/v	TO-15
1,3-Dichlorobenzene		3.8	J	24	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-10	SS-VMP-3B					
Freon 12		0.20	J	0.50	ppb v/v	TO-15
Freon 12		1.0	J	2.5	ug/m3	TO-15
Freon 22		0.25	J	0.50	ppb v/v	TO-15
Freon 22		0.87	J	1.8	ug/m3	TO-15
n-Butane		0.87		0.50	ppb v/v	TO-15
n-Butane		2.1		1.2	ug/m3	TO-15
Freon 11		0.11	J	0.20	ppb v/v	TO-15
Freon 11		0.61	J	1.1	ug/m3	TO-15
Freon 113		0.032	J	0.20	ppb v/v	TO-15
Freon 113		0.24	J	1.5	ug/m3	TO-15
Acetone		10		5.0	ppb v/v	TO-15
Acetone		24		12	ug/m3	TO-15
Isopropyl alcohol		150	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		380	E	12	ug/m3	TO-15
Methylene Chloride		5.9		0.50	ppb v/v	TO-15
Methylene Chloride		21		1.7	ug/m3	TO-15
Hexane		0.33		0.20	ppb v/v	TO-15
Hexane		1.1		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		4.5		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		13		1.5	ug/m3	TO-15
Tetrahydrofuran		0.19	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		0.55	J	15	ug/m3	TO-15
Cyclohexane		0.27		0.20	ppb v/v	TO-15
Cyclohexane		0.94		0.69	ug/m3	TO-15
Carbon tetrachloride		0.035	J	0.040	ppb v/v	TO-15
Carbon tetrachloride		0.22	J	0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.088	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.41	J	0.93	ug/m3	TO-15
Benzene		0.18	J	0.20	ppb v/v	TO-15
Benzene		0.59	J	0.64	ug/m3	TO-15
Heptane		0.25		0.20	ppb v/v	TO-15
Heptane		1.0		0.82	ug/m3	TO-15
Methyl methacrylate		0.12	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.49	J	2.0	ug/m3	TO-15
Toluene		0.33		0.20	ppb v/v	TO-15
Toluene		1.2		0.75	ug/m3	TO-15
Ethylbenzene		0.042	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.18	J	0.87	ug/m3	TO-15
m,p-Xylene		0.12	J	0.50	ppb v/v	TO-15
m,p-Xylene		0.50	J	2.2	ug/m3	TO-15
Xylene, o-		0.047	J	0.20	ppb v/v	TO-15
Xylene, o-		0.20	J	0.87	ug/m3	TO-15
Xylene (total)		0.17	J	0.20	ppb v/v	TO-15
Xylene (total)		0.73	J	0.87	ug/m3	TO-15
4-Ethyltoluene		0.019	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.095	J	0.98	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
1,3,5-Trimethylbenzene		0.019	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.095	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.043	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.21	J	0.98	ug/m3	TO-15
4-Isopropyltoluene		0.68		0.20	ppb v/v	TO-15
4-Isopropyltoluene		3.7		1.1	ug/m3	TO-15
1,3-Dichlorobenzene		0.31		0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		1.9		1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-12	SS-VMP-3D					
Freon 12		0.38	J	0.50	ppb v/v	TO-15
Freon 12		1.9	J	2.5	ug/m3	TO-15
Freon 22		0.32	J	0.50	ppb v/v	TO-15
Freon 22		1.1	J	1.8	ug/m3	TO-15
n-Butane		0.96		0.50	ppb v/v	TO-15
n-Butane		2.3		1.2	ug/m3	TO-15
1,3-Butadiene		0.24		0.20	ppb v/v	TO-15
1,3-Butadiene		0.54		0.44	ug/m3	TO-15
Freon 11		0.23		0.20	ppb v/v	TO-15
Freon 11		1.3		1.1	ug/m3	TO-15
Freon 113		0.063	J	0.20	ppb v/v	TO-15
Freon 113		0.48	J	1.5	ug/m3	TO-15
Acetone		14		5.0	ppb v/v	TO-15
Acetone		33		12	ug/m3	TO-15
Isopropyl alcohol		500	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		1200	E	12	ug/m3	TO-15
Carbon disulfide		0.22	J	0.50	ppb v/v	TO-15
Carbon disulfide		0.68	J	1.6	ug/m3	TO-15
Methylene Chloride		8.4		0.50	ppb v/v	TO-15
Methylene Chloride		29		1.7	ug/m3	TO-15
Hexane		0.13	J	0.20	ppb v/v	TO-15
Hexane		0.46	J	0.70	ug/m3	TO-15
Methyl Ethyl Ketone		14		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		42		1.5	ug/m3	TO-15
Tetrahydrofuran		0.77	J	5.0	ppb v/v	TO-15
Tetrahydrofuran		2.3	J	15	ug/m3	TO-15
Cyclohexane		0.85		0.20	ppb v/v	TO-15
Cyclohexane		2.9		0.69	ug/m3	TO-15
Carbon tetrachloride		0.057		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.36		0.25	ug/m3	TO-15
Benzene		0.23		0.20	ppb v/v	TO-15
Benzene		0.73		0.64	ug/m3	TO-15
Methyl methacrylate		0.22	J	0.50	ppb v/v	TO-15
Methyl methacrylate		0.89	J	2.0	ug/m3	TO-15
Toluene		0.12	J	0.20	ppb v/v	TO-15
Toluene		0.44	J	0.75	ug/m3	TO-15
Tetrachloroethene		0.021	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.14	J	1.4	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-14	SS-VMP-5B					
Isopropyl alcohol		390	E	35	ppb v/v	TO-15
Isopropyl alcohol		970	E	85	ug/m3	TO-15
Methylene Chloride		87		3.5	ppb v/v	TO-15
Methylene Chloride		300		12	ug/m3	TO-15
Methyl Ethyl Ketone		7.6		3.5	ppb v/v	TO-15
Methyl Ethyl Ketone		22		10	ug/m3	TO-15
Tetrahydrofuran		1.2	J	35	ppb v/v	TO-15
Tetrahydrofuran		3.6	J	100	ug/m3	TO-15
Cyclohexane		0.86	J	1.4	ppb v/v	TO-15
Cyclohexane		2.9	J	4.8	ug/m3	TO-15
Benzene		0.31	J	1.4	ppb v/v	TO-15
Benzene		1.0	J	4.4	ug/m3	TO-15
Toluene		0.84	J	1.4	ppb v/v	TO-15
Toluene		3.2	J	5.2	ug/m3	TO-15
1,3-Dichlorobenzene		0.37	J	1.4	ppb v/v	TO-15
1,3-Dichlorobenzene		2.2	J	8.3	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-16	SS-VMP-6A					
Freon 12		1.9	J	5.0	ppb v/v	TO-15
Freon 12		9.2	J	25	ug/m3	TO-15
Freon 22		0.96	J	5.0	ppb v/v	TO-15
Freon 22		3.4	J	18	ug/m3	TO-15
Freon 11		4.0		2.0	ppb v/v	TO-15
Freon 11		23		11	ug/m3	TO-15
Freon 113		2.0		2.0	ppb v/v	TO-15
Freon 113		15		15	ug/m3	TO-15
Isopropyl alcohol		800	E	50	ppb v/v	TO-15
Isopropyl alcohol		2000	E	120	ug/m3	TO-15
Methylene Chloride		180		5.0	ppb v/v	TO-15
Methylene Chloride		620		17	ug/m3	TO-15
1,1-Dichloroethane		6.7		2.0	ppb v/v	TO-15
1,1-Dichloroethane		27		8.1	ug/m3	TO-15
Methyl Ethyl Ketone		18		5.0	ppb v/v	TO-15
Methyl Ethyl Ketone		52		15	ug/m3	TO-15
Chloroform		4.4		2.0	ppb v/v	TO-15
Chloroform		21		9.8	ug/m3	TO-15
Tetrahydrofuran		14	J	50	ppb v/v	TO-15
Tetrahydrofuran		41	J	150	ug/m3	TO-15
1,1,1-Trichloroethane		3.4		2.0	ppb v/v	TO-15
1,1,1-Trichloroethane		19		11	ug/m3	TO-15
Cyclohexane		2.6		2.0	ppb v/v	TO-15
Cyclohexane		8.8		6.9	ug/m3	TO-15
Benzene		0.39	J	2.0	ppb v/v	TO-15
Benzene		1.2	J	6.4	ug/m3	TO-15
Trichloroethene		2.1		0.40	ppb v/v	TO-15
Trichloroethene		11		2.1	ug/m3	TO-15
Toluene		1.8	J	2.0	ppb v/v	TO-15
Toluene		6.8	J	7.5	ug/m3	TO-15
1,3-Dichlorobenzene		0.63	J	2.0	ppb v/v	TO-15
1,3-Dichlorobenzene		3.8	J	12	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-18	SS-VMP-6B					
Freon 12		1.3	J	5.0	ppb v/v	TO-15
Freon 12		6.4	J	25	ug/m3	TO-15
Freon 22		1.4	J	5.0	ppb v/v	TO-15
Freon 22		5.0	J	18	ug/m3	TO-15
Freon 113		0.55	J	2.0	ppb v/v	TO-15
Freon 113		4.2	J	15	ug/m3	TO-15
Isopropyl alcohol		400		50	ppb v/v	TO-15
Isopropyl alcohol		970		120	ug/m3	TO-15
Methylene Chloride		120		5.0	ppb v/v	TO-15
Methylene Chloride		410		17	ug/m3	TO-15
1,1-Dichloroethane		0.62	J	2.0	ppb v/v	TO-15
1,1-Dichloroethane		2.5	J	8.1	ug/m3	TO-15
Methyl Ethyl Ketone		10		5.0	ppb v/v	TO-15
Methyl Ethyl Ketone		29		15	ug/m3	TO-15
Tetrahydrofuran		5.8	J	50	ppb v/v	TO-15
Tetrahydrofuran		17	J	150	ug/m3	TO-15
Cyclohexane		1.8	J	2.0	ppb v/v	TO-15
Cyclohexane		6.2	J	6.9	ug/m3	TO-15
Carbon tetrachloride		0.37	J	0.40	ppb v/v	TO-15
Carbon tetrachloride		2.3	J	2.5	ug/m3	TO-15
2,2,4-Trimethylpentane		0.82	J	2.0	ppb v/v	TO-15
2,2,4-Trimethylpentane		3.8	J	9.3	ug/m3	TO-15
Benzene		0.60	J	2.0	ppb v/v	TO-15
Benzene		1.9	J	6.4	ug/m3	TO-15
1,2-Dichloroethane		0.41	J	2.0	ppb v/v	TO-15
1,2-Dichloroethane		1.7	J	8.1	ug/m3	TO-15
Trichloroethene		0.39	J	0.40	ppb v/v	TO-15
Trichloroethene		2.1	J	2.1	ug/m3	TO-15
Bromodichloromethane		0.34	J	2.0	ppb v/v	TO-15
Bromodichloromethane		2.3	J	13	ug/m3	TO-15
Toluene		1.8	J	2.0	ppb v/v	TO-15
Toluene		6.7	J	7.5	ug/m3	TO-15
1,1,2-Trichloroethane		0.39	J	2.0	ppb v/v	TO-15
1,1,2-Trichloroethane		2.1	J	11	ug/m3	TO-15
Tetrachloroethene		1.6	J	2.0	ppb v/v	TO-15
Tetrachloroethene		11	J	14	ug/m3	TO-15
Chlorobenzene		0.43	J	2.0	ppb v/v	TO-15
Chlorobenzene		2.0	J	9.2	ug/m3	TO-15
Ethylbenzene		0.52	J	2.0	ppb v/v	TO-15
Ethylbenzene		2.3	J	8.7	ug/m3	TO-15
m,p-Xylene		1.1	J	5.0	ppb v/v	TO-15
m,p-Xylene		4.7	J	22	ug/m3	TO-15
Xylene, o-		0.49	J	2.0	ppb v/v	TO-15
Xylene, o-		2.1	J	8.7	ug/m3	TO-15
Xylene (total)		1.6	J	2.0	ppb v/v	TO-15
Xylene (total)		6.9	J	8.7	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Styrene		0.53	J	2.0	ppb v/v	TO-15
Styrene		2.3	J	8.5	ug/m3	TO-15
1,1,2,2-Tetrachloroethane		0.42	J	2.0	ppb v/v	TO-15
1,1,2,2-Tetrachloroethane		2.9	J	14	ug/m3	TO-15
4-Ethyltoluene		0.44	J	2.0	ppb v/v	TO-15
4-Ethyltoluene		2.2	J	9.8	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.46	J	2.0	ppb v/v	TO-15
1,3,5-Trimethylbenzene		2.3	J	9.8	ug/m3	TO-15
2-Chlorotoluene		0.48	J	2.0	ppb v/v	TO-15
2-Chlorotoluene		2.5	J	10	ug/m3	TO-15
tert-Butylbenzene		0.48	J	2.0	ppb v/v	TO-15
tert-Butylbenzene		2.6	J	11	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.52	J	2.0	ppb v/v	TO-15
1,2,4-Trimethylbenzene		2.5	J	9.8	ug/m3	TO-15
1,3-Dichlorobenzene		0.56	J	2.0	ppb v/v	TO-15
1,3-Dichlorobenzene		3.3	J	12	ug/m3	TO-15
1,4-Dichlorobenzene		0.32	J	2.0	ppb v/v	TO-15
1,4-Dichlorobenzene		1.9	J	12	ug/m3	TO-15
1,2-Dichlorobenzene		0.39	J	2.0	ppb v/v	TO-15
1,2-Dichlorobenzene		2.3	J	12	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-20	SS-VMP-3E					
Freon 12		0.49	J	0.50	ppb v/v	TO-15
Freon 12		2.4	J	2.5	ug/m3	TO-15
Freon 22		0.28	J	0.50	ppb v/v	TO-15
Freon 22		0.99	J	1.8	ug/m3	TO-15
Chloromethane		0.53		0.50	ppb v/v	TO-15
Chloromethane		1.1		1.0	ug/m3	TO-15
n-Butane		1.9		0.50	ppb v/v	TO-15
n-Butane		4.6		1.2	ug/m3	TO-15
Freon 11		0.26		0.20	ppb v/v	TO-15
Freon 11		1.4		1.1	ug/m3	TO-15
Freon 113		0.083	J	0.20	ppb v/v	TO-15
Freon 113		0.64	J	1.5	ug/m3	TO-15
Acetone		27		5.0	ppb v/v	TO-15
Acetone		65		12	ug/m3	TO-15
Isopropyl alcohol		600	E	5.0	ppb v/v	TO-15
Isopropyl alcohol		1500	E	12	ug/m3	TO-15
Methylene Chloride		2.9		0.50	ppb v/v	TO-15
Methylene Chloride		10		1.7	ug/m3	TO-15
Hexane		0.23		0.20	ppb v/v	TO-15
Hexane		0.80		0.70	ug/m3	TO-15
Methyl Ethyl Ketone		25		0.50	ppb v/v	TO-15
Methyl Ethyl Ketone		72		1.5	ug/m3	TO-15
Cyclohexane		1.3		0.20	ppb v/v	TO-15
Cyclohexane		4.6		0.69	ug/m3	TO-15
Carbon tetrachloride		0.065		0.040	ppb v/v	TO-15
Carbon tetrachloride		0.41		0.25	ug/m3	TO-15
2,2,4-Trimethylpentane		0.16	J	0.20	ppb v/v	TO-15
2,2,4-Trimethylpentane		0.77	J	0.93	ug/m3	TO-15
Benzene		0.36		0.20	ppb v/v	TO-15
Benzene		1.1		0.64	ug/m3	TO-15
Trichloroethene		0.037	J	0.040	ppb v/v	TO-15
Trichloroethene		0.20	J	0.21	ug/m3	TO-15
Methyl methacrylate		0.25	J	0.50	ppb v/v	TO-15
Methyl methacrylate		1.0	J	2.0	ug/m3	TO-15
methyl isobutyl ketone		0.084	J	0.50	ppb v/v	TO-15
methyl isobutyl ketone		0.34	J	2.0	ug/m3	TO-15
Toluene		0.67		0.20	ppb v/v	TO-15
Toluene		2.5		0.75	ug/m3	TO-15
Tetrachloroethene		0.13	J	0.20	ppb v/v	TO-15
Tetrachloroethene		0.87	J	1.4	ug/m3	TO-15
Ethylbenzene		0.10	J	0.20	ppb v/v	TO-15
Ethylbenzene		0.45	J	0.87	ug/m3	TO-15
m,p-Xylene		0.28	J	0.50	ppb v/v	TO-15
m,p-Xylene		1.2	J	2.2	ug/m3	TO-15
Xylene, o-		0.12	J	0.20	ppb v/v	TO-15
Xylene, o-		0.51	J	0.87	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Xylene (total)		0.40		0.20	ppb v/v	TO-15
Xylene (total)		1.7		0.87	ug/m3	TO-15
Styrene		0.059	J	0.20	ppb v/v	TO-15
Styrene		0.25	J	0.85	ug/m3	TO-15
4-Ethyltoluene		0.038	J	0.20	ppb v/v	TO-15
4-Ethyltoluene		0.19	J	0.98	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.040	J	0.20	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.20	J	0.98	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.13	J	0.20	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.65	J	0.98	ug/m3	TO-15
1,3-Dichlorobenzene		0.82	B	0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		4.9	B	1.2	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-22	SS-VMP-4					
Freon 22		0.43	J	1.0	ppb v/v	TO-15
Freon 22		1.5	J	3.5	ug/m3	TO-15
Freon 11		1.4		0.40	ppb v/v	TO-15
Freon 11		8.0		2.2	ug/m3	TO-15
Acetone		36		10	ppb v/v	TO-15
Acetone		84		24	ug/m3	TO-15
Isopropyl alcohol		610	E	10	ppb v/v	TO-15
Isopropyl alcohol		1500	E	25	ug/m3	TO-15
Methylene Chloride		1.4		1.0	ppb v/v	TO-15
Methylene Chloride		5.0		3.5	ug/m3	TO-15
Methyl Ethyl Ketone		23		1.0	ppb v/v	TO-15
Methyl Ethyl Ketone		66		2.9	ug/m3	TO-15
Cyclohexane		11		0.40	ppb v/v	TO-15
Cyclohexane		40		1.4	ug/m3	TO-15
Benzene		0.30	J	0.40	ppb v/v	TO-15
Benzene		0.95	J	1.3	ug/m3	TO-15
Toluene		1.0		0.40	ppb v/v	TO-15
Toluene		3.8		1.5	ug/m3	TO-15
Tetrachloroethene		0.48		0.40	ppb v/v	TO-15
Tetrachloroethene		3.3		2.7	ug/m3	TO-15
Chlorobenzene		0.12	J	0.40	ppb v/v	TO-15
Chlorobenzene		0.56	J	1.8	ug/m3	TO-15
Ethylbenzene		0.18	J	0.40	ppb v/v	TO-15
Ethylbenzene		0.80	J	1.7	ug/m3	TO-15
m,p-Xylene		0.38	J	1.0	ppb v/v	TO-15
m,p-Xylene		1.7	J	4.3	ug/m3	TO-15
Xylene, o-		0.13	J	0.40	ppb v/v	TO-15
Xylene, o-		0.55	J	1.7	ug/m3	TO-15
Xylene (total)		0.51		0.40	ppb v/v	TO-15
Xylene (total)		2.2		1.7	ug/m3	TO-15
Styrene		0.46		0.40	ppb v/v	TO-15
Styrene		1.9		1.7	ug/m3	TO-15
4-Ethyltoluene		0.075	J	0.40	ppb v/v	TO-15
4-Ethyltoluene		0.37	J	2.0	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.062	J	0.40	ppb v/v	TO-15
1,3,5-Trimethylbenzene		0.30	J	2.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.18	J	0.40	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.87	J	2.0	ug/m3	TO-15
1,3-Dichlorobenzene		0.45	B	0.40	ppb v/v	TO-15
1,3-Dichlorobenzene		2.7	B	2.4	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-24	SS-VMP-5A					
Freon 22		2.4	J	2.9	ppb v/v	TO-15
Freon 22		8.4	J	10	ug/m3	TO-15
Freon 113		3.1		1.1	ppb v/v	TO-15
Freon 113		24		8.8	ug/m3	TO-15
Acetone		26	J	29	ppb v/v	TO-15
Acetone		62	J	68	ug/m3	TO-15
Isopropyl alcohol		510	E	29	ppb v/v	TO-15
Isopropyl alcohol		1200	E	70	ug/m3	TO-15
Carbon disulfide		1.4	J	2.9	ppb v/v	TO-15
Carbon disulfide		4.3	J	8.9	ug/m3	TO-15
Methylene Chloride		100		2.9	ppb v/v	TO-15
Methylene Chloride		350		9.9	ug/m3	TO-15
Hexane		0.70	J	1.1	ppb v/v	TO-15
Hexane		2.5	J	4.0	ug/m3	TO-15
1,1-Dichloroethane		0.98	J	1.1	ppb v/v	TO-15
1,1-Dichloroethane		4.0	J	4.6	ug/m3	TO-15
Methyl Ethyl Ketone		18		2.9	ppb v/v	TO-15
Methyl Ethyl Ketone		54		8.4	ug/m3	TO-15
Chloroform		10		1.1	ppb v/v	TO-15
Chloroform		51		5.6	ug/m3	TO-15
1,1,1-Trichloroethane		2.2		1.1	ppb v/v	TO-15
1,1,1-Trichloroethane		12		6.2	ug/m3	TO-15
Cyclohexane		0.97	J	1.1	ppb v/v	TO-15
Cyclohexane		3.3	J	3.9	ug/m3	TO-15
2,2,4-Trimethylpentane		0.60	J	1.1	ppb v/v	TO-15
2,2,4-Trimethylpentane		2.8	J	5.3	ug/m3	TO-15
Benzene		0.36	J	1.1	ppb v/v	TO-15
Benzene		1.2	J	3.6	ug/m3	TO-15
Trichloroethene		4.8		0.23	ppb v/v	TO-15
Trichloroethene		26		1.2	ug/m3	TO-15
1,4-Dioxane		1.5	J	29	ppb v/v	TO-15
1,4-Dioxane		5.5	J	100	ug/m3	TO-15
Toluene		1.6		1.1	ppb v/v	TO-15
Toluene		5.9		4.3	ug/m3	TO-15
Tetrachloroethene		2.3		1.1	ppb v/v	TO-15
Tetrachloroethene		16		7.7	ug/m3	TO-15
Ethylbenzene		0.17	J	1.1	ppb v/v	TO-15
Ethylbenzene		0.75	J	5.0	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.19	J	1.1	ppb v/v	TO-15
1,2,4-Trimethylbenzene		0.94	J	5.6	ug/m3	TO-15
1,3-Dichlorobenzene		0.62	J B	1.1	ppb v/v	TO-15
1,3-Dichlorobenzene		3.8	J B	6.9	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-25	SS-VMP-7					
Freon 12		17		4.0	ppb v/v	TO-15
Freon 12		85		20	ug/m3	TO-15
Freon 11		3.9		1.6	ppb v/v	TO-15
Freon 11		22		9.0	ug/m3	TO-15
Freon 113		0.55	J	1.6	ppb v/v	TO-15
Freon 113		4.2	J	12	ug/m3	TO-15
Acetone		36	J	40	ppb v/v	TO-15
Acetone		86	J	95	ug/m3	TO-15
Isopropyl alcohol		900	E	40	ppb v/v	TO-15
Isopropyl alcohol		2200	E	98	ug/m3	TO-15
Methylene Chloride		190		4.0	ppb v/v	TO-15
Methylene Chloride		670		14	ug/m3	TO-15
1,1-Dichloroethane		2.0		1.6	ppb v/v	TO-15
1,1-Dichloroethane		8.3		6.5	ug/m3	TO-15
Methyl Ethyl Ketone		25		4.0	ppb v/v	TO-15
Methyl Ethyl Ketone		73		12	ug/m3	TO-15
Tetrahydrofuran		14	J	40	ppb v/v	TO-15
Tetrahydrofuran		40	J	120	ug/m3	TO-15
Cyclohexane		2.7		1.6	ppb v/v	TO-15
Cyclohexane		9.4		5.5	ug/m3	TO-15
Toluene		1.8		1.6	ppb v/v	TO-15
Toluene		6.6		6.0	ug/m3	TO-15
1,3-Dichlorobenzene		0.65	J B	1.6	ppb v/v	TO-15
1,3-Dichlorobenzene		3.9	J B	9.6	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-28	SS-VMP-7A					
Freon 113		0.44	J	1.5	ppb v/v	TO-15
Freon 113		3.4	J	11	ug/m3	TO-15
Acetone		19	J	37	ppb v/v	TO-15
Acetone		45	J	89	ug/m3	TO-15
Isopropyl alcohol		690	E	37	ppb v/v	TO-15
Isopropyl alcohol		1700	E	92	ug/m3	TO-15
Methylene Chloride		130		3.7	ppb v/v	TO-15
Methylene Chloride		460		13	ug/m3	TO-15
1,1-Dichloroethane		0.37	J	1.5	ppb v/v	TO-15
1,1-Dichloroethane		1.5	J	6.1	ug/m3	TO-15
Methyl Ethyl Ketone		17		3.7	ppb v/v	TO-15
Methyl Ethyl Ketone		49		11	ug/m3	TO-15
Chloroform		9.1		1.5	ppb v/v	TO-15
Chloroform		44		7.3	ug/m3	TO-15
1,1,1-Trichloroethane		1.3	J	1.5	ppb v/v	TO-15
1,1,1-Trichloroethane		7.0	J	8.2	ug/m3	TO-15
Cyclohexane		2.0		1.5	ppb v/v	TO-15
Cyclohexane		7.0		5.2	ug/m3	TO-15
Trichloroethene		2.7		0.30	ppb v/v	TO-15
Trichloroethene		14		1.6	ug/m3	TO-15
Toluene		1.2	J	1.5	ppb v/v	TO-15
Toluene		4.4	J	5.6	ug/m3	TO-15
1,3-Dichlorobenzene		0.72	J B	1.5	ppb v/v	TO-15
1,3-Dichlorobenzene		4.4	J B	9.0	ug/m3	TO-15

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-20955-30	SS-DUP-021214					
Freon 113		0.70	J	1.5	ppb v/v	TO-15
Freon 113		5.4	J	11	ug/m3	TO-15
Acetone		31	J	37	ppb v/v	TO-15
Acetone		74	J	89	ug/m3	TO-15
Isopropyl alcohol		1200	E	37	ppb v/v	TO-15
Isopropyl alcohol		2900	E	92	ug/m3	TO-15
Methylene Chloride		210		3.7	ppb v/v	TO-15
Methylene Chloride		720		13	ug/m3	TO-15
Hexane		0.94	J	1.5	ppb v/v	TO-15
Hexane		3.3	J	5.3	ug/m3	TO-15
1,1-Dichloroethane		0.49	J	1.5	ppb v/v	TO-15
1,1-Dichloroethane		2.0	J	6.1	ug/m3	TO-15
Methyl Ethyl Ketone		28		3.7	ppb v/v	TO-15
Methyl Ethyl Ketone		82		11	ug/m3	TO-15
Chloroform		14		1.5	ppb v/v	TO-15
Chloroform		69		7.3	ug/m3	TO-15
Tetrahydrofuran		20	J	37	ppb v/v	TO-15
Tetrahydrofuran		58	J	110	ug/m3	TO-15
1,1,1-Trichloroethane		1.9		1.5	ppb v/v	TO-15
1,1,1-Trichloroethane		10		8.2	ug/m3	TO-15
Cyclohexane		3.2		1.5	ppb v/v	TO-15
Cyclohexane		11		5.1	ug/m3	TO-15
Benzene		0.44	J	1.5	ppb v/v	TO-15
Benzene		1.4	J	4.8	ug/m3	TO-15
Trichloroethene		3.8		0.30	ppb v/v	TO-15
Trichloroethene		21		1.6	ug/m3	TO-15
Toluene		1.8		1.5	ppb v/v	TO-15
Toluene		6.9		5.6	ug/m3	TO-15
Ethylbenzene		0.15	J	1.5	ppb v/v	TO-15
Ethylbenzene		0.65	J	6.5	ug/m3	TO-15
Styrene		0.23	J	1.5	ppb v/v	TO-15
Styrene		0.98	J	6.4	ug/m3	TO-15
1,3-Dichlorobenzene		1.2	J B	1.5	ppb v/v	TO-15
1,3-Dichlorobenzene		7.5	J B	9.0	ug/m3	TO-15
200-20969-1	SS-VMP-7B					
Isopropyl alcohol		460		120	ppb v/v	TO-15
Isopropyl alcohol		1100		290	ug/m3	TO-15
Methylene Chloride		58		12	ppb v/v	TO-15
Methylene Chloride		200		41	ug/m3	TO-15
Chloroform		2.5	J	4.8	ppb v/v	TO-15
Chloroform		12	J	23	ug/m3	TO-15
1,3-Dichlorobenzene		2.1	J B	4.8	ppb v/v	TO-15
1,3-Dichlorobenzene		13	J B	29	ug/m3	TO-15

METHOD SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method	Analyst	Analyst ID
EPA TO-15	Daigle, Paul A	PAD
EPA TO-15	Lyons, Benjamin P	BPL

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-1B

Lab Sample ID: 200-20955-2

Date Sampled: 02/12/2014 1715

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_016.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/21/2014 2308			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2308			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.52		0.030	0.50
Freon 22	0.30	J	0.048	0.50
Freon-114	0.092	J	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	2.2		0.28	0.50
Vinyl chloride	0.10		0.038	0.040
1,3-Butadiene	0.089	J	0.042	0.20
Bromomethane	0.090	J	0.028	0.20
Chloroethane	0.15	J	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	8.3		0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.10	J	0.024	0.20
Acetone	19		1.3	5.0
Isopropyl alcohol	410	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.86		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.098	J	0.029	0.20
Hexane	0.34		0.034	0.20
1,1-Dichloroethane	0.099	J	0.038	0.20
Methyl Ethyl Ketone	15		0.24	0.50
cis-1,2-Dichloroethene	0.23		0.038	0.20
1,2-Dichloroethene, Total	0.33		0.064	0.20
Chloroform	0.20		0.025	0.20
Tetrahydrofuran	0.78	J	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	3.2		0.025	0.20
Carbon tetrachloride	0.10		0.021	0.040
2,2,4-Trimethylpentane	0.38		0.027	0.20
Benzene	0.39		0.019	0.20
1,2-Dichloroethane	0.082	J	0.017	0.20
Heptane	0.24		0.046	0.20
Trichloroethene	0.77		0.024	0.040
Methyl methacrylate	0.15	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	0.51	J	0.20	5.0
Bromodichloromethane	0.070	J	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.15	J	0.027	0.50
Toluene	0.80		0.017	0.20
trans-1,3-Dichloropropene	0.074	J	0.022	0.20
1,1,2-Trichloroethane	0.087	J	0.017	0.20
Tetrachloroethene	0.88		0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-1B

Lab Sample ID: 200-20955-2

Date Sampled: 02/12/2014 1715

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_016.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/21/2014 2308			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2308			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.12	J	0.0081	0.20
Ethylbenzene	0.17	J	0.013	0.20
m,p-Xylene	0.35	J	0.023	0.50
Xylene, o-	0.14	J	0.016	0.20
Xylene (total)	0.49		0.034	0.20
Styrene	0.12	J	0.018	0.20
Bromoform	0.069	J	0.010	0.20
1,1,2,2-Tetrachloroethane	0.088	J	0.016	0.20
n-Propylbenzene	0.091	J	0.080	0.20
4-Ethyltoluene	0.097	J	0.018	0.20
1,3,5-Trimethylbenzene	0.082	J	0.012	0.20
2-Chlorotoluene	0.080	J	0.013	0.20
tert-Butylbenzene	0.077	J	0.017	0.20
1,2,4-Trimethylbenzene	0.086	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.22		0.014	0.20
1,4-Dichlorobenzene	0.065	J	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.069	J	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.6		0.15	2.5
Freon 22	1.1	J	0.17	1.8
Freon-114	0.65	J	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	5.1		0.67	1.2
Vinyl chloride	0.27		0.097	0.10
1,3-Butadiene	0.20	J	0.093	0.44
Bromomethane	0.35	J	0.11	0.78
Chloroethane	0.40	J	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	47		0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.41	J	0.095	0.79
Acetone	45		3.0	12
Isopropyl alcohol	1000	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-1B

Lab Sample ID: 200-20955-2

Date Sampled: 02/12/2014 1715

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_016.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/21/2014 2308			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2308			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	3.0		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.39	J	0.11	0.79
Hexane	1.2		0.12	0.70
1,1-Dichloroethane	0.40	J	0.15	0.81
Methyl Ethyl Ketone	44		0.71	1.5
cis-1,2-Dichloroethene	0.93		0.15	0.79
1,2-Dichloroethene, Total	1.3		0.25	0.79
Chloroform	0.98		0.12	0.98
Tetrahydrofuran	2.3	J	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	11		0.086	0.69
Carbon tetrachloride	0.65		0.13	0.25
2,2,4-Trimethylpentane	1.8		0.13	0.93
Benzene	1.2		0.061	0.64
1,2-Dichloroethane	0.33	J	0.069	0.81
Heptane	1.0		0.19	0.82
Trichloroethene	4.1		0.13	0.21
Methyl methacrylate	0.63	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	1.8	J	0.72	18
Bromodichloromethane	0.47	J	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	0.60	J	0.11	2.0
Toluene	3.0		0.064	0.75
trans-1,3-Dichloropropene	0.34	J	0.10	0.91
1,1,2-Trichloroethane	0.48	J	0.093	1.1
Tetrachloroethene	6.0		0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.55	J	0.037	0.92
Ethylbenzene	0.74	J	0.056	0.87
m,p-Xylene	1.5	J	0.10	2.2
Xylene, o-	0.62	J	0.069	0.87
Xylene (total)	2.1		0.15	0.87
Styrene	0.49	J	0.077	0.85
Bromoform	0.71	J	0.10	2.1
1,1,2,2-Tetrachloroethane	0.60	J	0.11	1.4
n-Propylbenzene	0.45	J	0.39	0.98
4-Ethyltoluene	0.48	J	0.088	0.98
1,3,5-Trimethylbenzene	0.40	J	0.059	0.98
2-Chlorotoluene	0.41	J	0.067	1.0
tert-Butylbenzene	0.42	J	0.093	1.1
1,2,4-Trimethylbenzene	0.42	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-1B

Lab Sample ID: 200-20955-2

Date Sampled: 02/12/2014 1715

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_016.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/21/2014 2308			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2308			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.3		0.084	1.2
1,4-Dichlorobenzene	0.39	J	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	0.42	J	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2B

Lab Sample ID: 200-20955-4

Date Sampled: 02/12/2014 1721

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_017.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	02/21/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2355			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	27		0.075	1.3
Freon 22	0.32	J	0.12	1.3
Freon-114	0.50	U	0.088	0.50
Chloromethane	1.3	U	0.34	1.3
n-Butane	1.3	U	0.71	1.3
Vinyl chloride	0.10	U	0.095	0.10
1,3-Butadiene	0.50	U	0.11	0.50
Bromomethane	0.50	U	0.070	0.50
Chloroethane	1.3	U	0.075	1.3
Vinyl bromide	0.50	U	0.075	0.50
Freon 11	0.82		0.075	0.50
Freon 113	0.54		0.045	0.50
1,1-Dichloroethene	0.50	U	0.060	0.50
Acetone	15		3.1	13
Isopropyl alcohol	630	E	0.54	13
Carbon disulfide	1.3	U	0.17	1.3
Allyl chloride	1.3	U	0.085	1.3
Methylene Chloride	0.57	J	0.31	1.3
tert-Butyl alcohol	13	U	0.82	13
Methyl tert-butyl ether	0.50	U	0.055	0.50
trans-1,2-Dichloroethene	0.50	U	0.073	0.50
Hexane	0.21	J	0.085	0.50
1,1-Dichloroethane	0.13	J	0.095	0.50
Methyl Ethyl Ketone	19		0.61	1.3
cis-1,2-Dichloroethene	0.50	U	0.095	0.50
1,2-Dichloroethene, Total	0.50	U	0.16	0.50
Chloroform	0.23	J	0.063	0.50
Tetrahydrofuran	1.0	J	0.12	13
1,1,1-Trichloroethane	13		0.053	0.50
Cyclohexane	9.3		0.063	0.50
Carbon tetrachloride	0.10	U	0.053	0.10
2,2,4-Trimethylpentane	0.50	U	0.068	0.50
Benzene	0.29	J	0.048	0.50
1,2-Dichloroethane	0.50	U	0.043	0.50
Heptane	0.50	U	0.12	0.50
Trichloroethene	4.2		0.060	0.10
Methyl methacrylate	1.3	U	0.075	1.3
1,2-Dichloropropane	0.50	U	0.080	0.50
1,4-Dioxane	13	U	0.50	13
Bromodichloromethane	0.50	U	0.043	0.50
cis-1,3-Dichloropropene	0.50	U	0.070	0.50
methyl isobutyl ketone	1.3	U	0.068	1.3
Toluene	0.85		0.043	0.50
trans-1,3-Dichloropropene	0.50	U	0.055	0.50
1,1,2-Trichloroethane	0.50	U	0.043	0.50
Tetrachloroethene	0.36	J	0.040	0.50

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2B

Lab Sample ID: 200-20955-4

Date Sampled: 02/12/2014 1721

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_017.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	02/21/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2355			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	1.3	U	0.50	1.3
Dibromochloromethane	0.50	U	0.050	0.50
1,2-Dibromoethane	0.50	U	0.050	0.50
Chlorobenzene	0.14	J	0.020	0.50
Ethylbenzene	0.18	J	0.033	0.50
m,p-Xylene	0.30	J	0.058	1.3
Xylene, o-	0.12	J	0.040	0.50
Xylene (total)	0.42	J	0.085	0.50
Styrene	0.39	J	0.045	0.50
Bromoform	0.50	U	0.025	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.040	0.50
n-Propylbenzene	0.50	U	0.20	0.50
4-Ethyltoluene	0.075	J	0.045	0.50
1,3,5-Trimethylbenzene	0.059	J	0.030	0.50
2-Chlorotoluene	0.50	U	0.033	0.50
tert-Butylbenzene	0.50	U	0.043	0.50
1,2,4-Trimethylbenzene	0.16	J	0.035	0.50
sec-Butylbenzene	0.50	U	0.20	0.50
4-Isopropyltoluene	0.50	U	0.20	0.50
1,3-Dichlorobenzene	0.47	J	0.035	0.50
1,4-Dichlorobenzene	0.50	U	0.035	0.50
Benzyl chloride	0.50	U	0.20	0.50
n-Butylbenzene	0.50	U	0.20	0.50
1,2-Dichlorobenzene	0.50	U	0.035	0.50
1,2,4-Trichlorobenzene	1.3	U	0.068	1.3
Hexachloro-1,3-butadiene	0.50	U	0.055	0.50
Naphthalene	1.3	U	0.50	1.3

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	130		0.37	6.2
Freon 22	1.1	J	0.42	4.4
Freon-114	3.5	U	0.61	3.5
Chloromethane	2.6	U	0.70	2.6
n-Butane	3.0	U	1.7	3.0
Vinyl chloride	0.26	U	0.24	0.26
1,3-Butadiene	1.1	U	0.23	1.1
Bromomethane	1.9	U	0.27	1.9
Chloroethane	3.3	U	0.20	3.3
Vinyl bromide	2.2	U	0.33	2.2
Freon 11	4.6		0.42	2.8
Freon 113	4.1		0.34	3.8
1,1-Dichloroethene	2.0	U	0.24	2.0
Acetone	36		7.4	30
Isopropyl alcohol	1500	E	1.3	31
Carbon disulfide	3.9	U	0.51	3.9
Allyl chloride	3.9	U	0.27	3.9

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2B

Lab Sample ID: 200-20955-4

Date Sampled: 02/12/2014 1721

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_017.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	02/21/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2355			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	2.0	J	1.1	4.3
tert-Butyl alcohol	38	U	2.5	38
Methyl tert-butyl ether	1.8	U	0.20	1.8
trans-1,2-Dichloroethene	2.0	U	0.29	2.0
Hexane	0.75	J	0.30	1.8
1,1-Dichloroethane	0.51	J	0.38	2.0
Methyl Ethyl Ketone	56		1.8	3.7
cis-1,2-Dichloroethene	2.0	U	0.38	2.0
1,2-Dichloroethene, Total	2.0	U	0.63	2.0
Chloroform	1.1	J	0.31	2.4
Tetrahydrofuran	3.0	J	0.34	37
1,1,1-Trichloroethane	72		0.29	2.7
Cyclohexane	32		0.22	1.7
Carbon tetrachloride	0.63	U	0.33	0.63
2,2,4-Trimethylpentane	2.3	U	0.32	2.3
Benzene	0.92	J	0.15	1.6
1,2-Dichloroethane	2.0	U	0.17	2.0
Heptane	2.0	U	0.47	2.0
Trichloroethene	23		0.32	0.54
Methyl methacrylate	5.1	U	0.31	5.1
1,2-Dichloropropane	2.3	U	0.37	2.3
1,4-Dioxane	45	U	1.8	45
Bromodichloromethane	3.4	U	0.28	3.4
cis-1,3-Dichloropropene	2.3	U	0.32	2.3
methyl isobutyl ketone	5.1	U	0.28	5.1
Toluene	3.2		0.16	1.9
trans-1,3-Dichloropropene	2.3	U	0.25	2.3
1,1,2-Trichloroethane	2.7	U	0.23	2.7
Tetrachloroethene	2.4	J	0.27	3.4
Methyl Butyl Ketone (2-Hexanone)	5.1	U	2.0	5.1
Dibromochloromethane	4.3	U	0.43	4.3
1,2-Dibromoethane	3.8	U	0.38	3.8
Chlorobenzene	0.64	J	0.093	2.3
Ethylbenzene	0.78	J	0.14	2.2
m,p-Xylene	1.3	J	0.25	5.4
Xylene, o-	0.53	J	0.17	2.2
Xylene (total)	1.8	J	0.37	2.2
Styrene	1.7	J	0.19	2.1
Bromoform	5.2	U	0.26	5.2
1,1,2,2-Tetrachloroethane	3.4	U	0.27	3.4
n-Propylbenzene	2.5	U	0.98	2.5
4-Ethyltoluene	0.37	J	0.22	2.5
1,3,5-Trimethylbenzene	0.29	J	0.15	2.5
2-Chlorotoluene	2.6	U	0.17	2.6
tert-Butylbenzene	2.7	U	0.23	2.7
1,2,4-Trimethylbenzene	0.79	J	0.17	2.5

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2B

Lab Sample ID: 200-20955-4

Date Sampled: 02/12/2014 1721

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_017.D
Dilution:	2.5			Initial Weight/Volume:	80 mL
Analysis Date:	02/21/2014 2355			Final Weight/Volume:	200 mL
Prep Date:	02/21/2014 2355			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	2.7	U	1.1	2.7
4-Isopropyltoluene	2.7	U	1.1	2.7
1,3-Dichlorobenzene	2.8	J	0.21	3.0
1,4-Dichlorobenzene	3.0	U	0.21	3.0
Benzyl chloride	2.6	U	1.0	2.6
n-Butylbenzene	2.7	U	1.1	2.7
1,2-Dichlorobenzene	3.0	U	0.21	3.0
1,2,4-Trichlorobenzene	9.3	U	0.50	9.3
Hexachloro-1,3-butadiene	5.3	U	0.59	5.3
Naphthalene	6.6	U	2.6	6.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2C

Lab Sample ID: 200-20955-6

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_018.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0043			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0043			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.37	J	0.030	0.50
Freon 22	0.37	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.53		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.35		0.030	0.20
Freon 113	0.077	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	16		1.3	5.0
Isopropyl alcohol	610	E	0.22	5.0
Carbon disulfide	0.87		0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	5.4		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.19	J	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	21		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	1.1	J	0.046	5.0
1,1,1-Trichloroethane	0.35		0.021	0.20
Cyclohexane	9.5		0.025	0.20
Carbon tetrachloride	0.054		0.021	0.040
2,2,4-Trimethylpentane	0.12	J	0.027	0.20
Benzene	0.27		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.17	J	0.046	0.20
Trichloroethene	0.026	J	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.21	J	0.027	0.50
Toluene	0.84		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.044	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2C

Lab Sample ID: 200-20955-6

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_018.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0043			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0043			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.12	J	0.0081	0.20
Ethylbenzene	0.18	J	0.013	0.20
m,p-Xylene	0.34	J	0.023	0.50
Xylene, o-	0.13	J	0.016	0.20
Xylene (total)	0.47		0.034	0.20
Styrene	0.46		0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.067	J	0.018	0.20
1,3,5-Trimethylbenzene	0.057	J	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.17	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.63		0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	1.8	J	0.15	2.5
Freon 22	1.3	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.3		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	2.0		0.17	1.1
Freon 113	0.59	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	39		3.0	12
Isopropyl alcohol	1500	E	0.53	12
Carbon disulfide	2.7		0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2C

Lab Sample ID: 200-20955-6

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_018.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0043			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0043			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	19		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.66	J	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	61		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	3.2	J	0.14	15
1,1,1-Trichloroethane	1.9		0.11	1.1
Cyclohexane	33		0.086	0.69
Carbon tetrachloride	0.34		0.13	0.25
2,2,4-Trimethylpentane	0.57	J	0.13	0.93
Benzene	0.87		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.70	J	0.19	0.82
Trichloroethene	0.14	J	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	0.84	J	0.11	2.0
Toluene	3.2		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.30	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.57	J	0.037	0.92
Ethylbenzene	0.80	J	0.056	0.87
m,p-Xylene	1.5	J	0.10	2.2
Xylene, o-	0.58	J	0.069	0.87
Xylene (total)	2.0		0.15	0.87
Styrene	2.0		0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.33	J	0.088	0.98
1,3,5-Trimethylbenzene	0.28	J	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.86	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-2C

Lab Sample ID: 200-20955-6

Date Sampled: 02/12/2014 1727

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_018.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0043			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0043			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	3.8		0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3A

Lab Sample ID: 200-20955-8

Date Sampled: 02/12/2014 1703

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_020.D
Dilution:	20.1			Initial Weight/Volume:	38 mL
Analysis Date:	02/22/2014 0217			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0217			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	10	U	0.60	10
Freon 22	2.4	J	0.96	10
Freon-114	4.0	U	0.70	4.0
Chloromethane	10	U	2.7	10
n-Butane	10	U	5.7	10
Vinyl chloride	0.80	U	0.76	0.80
1,3-Butadiene	4.0	U	0.84	4.0
Bromomethane	4.0	U	0.56	4.0
Chloroethane	10	U	0.60	10
Vinyl bromide	4.0	U	0.60	4.0
Freon 11	4.0	U	0.60	4.0
Freon 113	4.0	U	0.36	4.0
1,1-Dichloroethene	4.0	U	0.48	4.0
Acetone	100	U	25	100
Isopropyl alcohol	620		4.3	100
Carbon disulfide	10	U	1.3	10
Allyl chloride	10	U	0.68	10
Methylene Chloride	400		2.5	10
tert-Butyl alcohol	100	U	6.6	100
Methyl tert-butyl ether	4.0	U	0.44	4.0
trans-1,2-Dichloroethene	4.0	U	0.58	4.0
Hexane	4.0	U	0.68	4.0
1,1-Dichloroethane	4.0	U	0.76	4.0
Methyl Ethyl Ketone	12		4.9	10
cis-1,2-Dichloroethene	4.0	U	0.76	4.0
1,2-Dichloroethene, Total	4.0	U	1.3	4.0
Chloroform	4.0	U	0.50	4.0
Tetrahydrofuran	2.0	J	0.92	100
1,1,1-Trichloroethane	4.0	U	0.42	4.0
Cyclohexane	4.0	U	0.50	4.0
Carbon tetrachloride	0.80	U	0.42	0.80
2,2,4-Trimethylpentane	4.0	U	0.54	4.0
Benzene	4.0	U	0.38	4.0
1,2-Dichloroethane	4.0	U	0.34	4.0
Heptane	4.0	U	0.92	4.0
Trichloroethene	0.80	U	0.48	0.80
Methyl methacrylate	10	U	0.60	10
1,2-Dichloropropane	4.0	U	0.64	4.0
1,4-Dioxane	100	U	4.0	100
Bromodichloromethane	4.0	U	0.34	4.0
cis-1,3-Dichloropropene	4.0	U	0.56	4.0
methyl isobutyl ketone	10	U	0.54	10
Toluene	1.5	J	0.34	4.0
trans-1,3-Dichloropropene	4.0	U	0.44	4.0
1,1,2-Trichloroethane	4.0	U	0.34	4.0
Tetrachloroethene	4.0	U	0.32	4.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3A

Lab Sample ID: 200-20955-8

Date Sampled: 02/12/2014 1703

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_020.D
Dilution:	20.1			Initial Weight/Volume:	38 mL
Analysis Date:	02/22/2014 0217			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0217			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	10	U	4.0	10
Dibromochloromethane	4.0	U	0.40	4.0
1,2-Dibromoethane	4.0	U	0.40	4.0
Chlorobenzene	4.0	U	0.16	4.0
Ethylbenzene	4.0	U	0.26	4.0
m,p-Xylene	10	U	0.46	10
Xylene, o-	4.0	U	0.32	4.0
Xylene (total)	4.0	U	0.68	4.0
Styrene	4.0	U	0.36	4.0
Bromoform	4.0	U	0.20	4.0
1,1,2,2-Tetrachloroethane	4.0	U	0.32	4.0
n-Propylbenzene	4.0	U	1.6	4.0
4-Ethyltoluene	4.0	U	0.36	4.0
1,3,5-Trimethylbenzene	4.0	U	0.24	4.0
2-Chlorotoluene	4.0	U	0.26	4.0
tert-Butylbenzene	4.0	U	0.34	4.0
1,2,4-Trimethylbenzene	4.0	U	0.28	4.0
sec-Butylbenzene	4.0	U	1.6	4.0
4-Isopropyltoluene	4.0	U	1.6	4.0
1,3-Dichlorobenzene	0.63	J	0.28	4.0
1,4-Dichlorobenzene	4.0	U	0.28	4.0
Benzyl chloride	4.0	U	1.6	4.0
n-Butylbenzene	4.0	U	1.6	4.0
1,2-Dichlorobenzene	4.0	U	0.28	4.0
1,2,4-Trichlorobenzene	10	U	0.54	10
Hexachloro-1,3-butadiene	4.0	U	0.44	4.0
Naphthalene	10	U	4.0	10

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	50	U	3.0	50
Freon 22	8.5	J	3.4	36
Freon-114	28	U	4.9	28
Chloromethane	21	U	5.6	21
n-Butane	24	U	13	24
Vinyl chloride	2.1	U	2.0	2.1
1,3-Butadiene	8.9	U	1.9	8.9
Bromomethane	16	U	2.2	16
Chloroethane	27	U	1.6	27
Vinyl bromide	18	U	2.6	18
Freon 11	23	U	3.4	23
Freon 113	31	U	2.8	31
1,1-Dichloroethene	16	U	1.9	16
Acetone	240	U	60	240
Isopropyl alcohol	1500	U	11	250
Carbon disulfide	31	U	4.1	31
Allyl chloride	31	U	2.1	31

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3A

Lab Sample ID: 200-20955-8

Date Sampled: 02/12/2014 1703

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_020.D
Dilution:	20.1			Initial Weight/Volume:	38 mL
Analysis Date:	02/22/2014 0217			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0217			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	1400		8.7	35
tert-Butyl alcohol	300	U	20	300
Methyl tert-butyl ether	14	U	1.6	14
trans-1,2-Dichloroethene	16	U	2.3	16
Hexane	14	U	2.4	14
1,1-Dichloroethane	16	U	3.1	16
Methyl Ethyl Ketone	35		14	30
cis-1,2-Dichloroethene	16	U	3.0	16
1,2-Dichloroethene, Total	16	U	5.1	16
Chloroform	20	U	2.5	20
Tetrahydrofuran	6.0	J	2.7	300
1,1,1-Trichloroethane	22	U	2.3	22
Cyclohexane	14	U	1.7	14
Carbon tetrachloride	5.1	U	2.7	5.1
2,2,4-Trimethylpentane	19	U	2.5	19
Benzene	13	U	1.2	13
1,2-Dichloroethane	16	U	1.4	16
Heptane	16	U	3.8	16
Trichloroethene	4.3	U	2.6	4.3
Methyl methacrylate	41	U	2.5	41
1,2-Dichloropropane	19	U	3.0	19
1,4-Dioxane	360	U	14	360
Bromodichloromethane	27	U	2.3	27
cis-1,3-Dichloropropene	18	U	2.6	18
methyl isobutyl ketone	41	U	2.2	41
Toluene	5.7	J	1.3	15
trans-1,3-Dichloropropene	18	U	2.0	18
1,1,2-Trichloroethane	22	U	1.9	22
Tetrachloroethene	27	U	2.2	27
Methyl Butyl Ketone (2-Hexanone)	41	U	16	41
Dibromochloromethane	34	U	3.4	34
1,2-Dibromoethane	31	U	3.1	31
Chlorobenzene	19	U	0.75	19
Ethylbenzene	17	U	1.1	17
m,p-Xylene	44	U	2.0	44
Xylene, o-	17	U	1.4	17
Xylene (total)	17	U	3.0	17
Styrene	17	U	1.5	17
Bromoform	42	U	2.1	42
1,1,2,2-Tetrachloroethane	28	U	2.2	28
n-Propylbenzene	20	U	7.9	20
4-Ethyltoluene	20	U	1.8	20
1,3,5-Trimethylbenzene	20	U	1.2	20
2-Chlorotoluene	21	U	1.4	21
tert-Butylbenzene	22	U	1.9	22
1,2,4-Trimethylbenzene	20	U	1.4	20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3A

Lab Sample ID: 200-20955-8

Date Sampled: 02/12/2014 1703

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_020.D
Dilution:	20.1			Initial Weight/Volume:	38 mL
Analysis Date:	02/22/2014 0217			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0217			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	22	U	8.8	22
4-Isopropyltoluene	22	U	8.8	22
1,3-Dichlorobenzene	3.8	J	1.7	24
1,4-Dichlorobenzene	24	U	1.7	24
Benzyl chloride	21	U	8.3	21
n-Butylbenzene	22	U	8.8	22
1,2-Dichlorobenzene	24	U	1.7	24
1,2,4-Trichlorobenzene	75	U	4.0	75
Hexachloro-1,3-butadiene	43	U	4.7	43
Naphthalene	53	U	21	53

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3B

Lab Sample ID: 200-20955-10

Date Sampled: 02/12/2014 1725

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_021.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0304			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0304			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.20	J	0.030	0.50
Freon 22	0.25	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.87		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.11	J	0.030	0.20
Freon 113	0.032	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	10		1.3	5.0
Isopropyl alcohol	150	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	5.9		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.33		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	4.5		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	0.19	J	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.27		0.025	0.20
Carbon tetrachloride	0.035	J	0.021	0.040
2,2,4-Trimethylpentane	0.088	J	0.027	0.20
Benzene	0.18	J	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.25		0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.12	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.33		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.20	U	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3B

Lab Sample ID: 200-20955-10

Date Sampled: 02/12/2014 1725

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_021.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0304			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0304			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.042	J	0.013	0.20
m,p-Xylene	0.12	J	0.023	0.50
Xylene, o-	0.047	J	0.016	0.20
Xylene (total)	0.17	J	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.019	J	0.018	0.20
1,3,5-Trimethylbenzene	0.019	J	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.043	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.68		0.080	0.20
1,3-Dichlorobenzene	0.31		0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	1.0	J	0.15	2.5
Freon 22	0.87	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	2.1		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	0.61	J	0.17	1.1
Freon 113	0.24	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	24		3.0	12
Isopropyl alcohol	380	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3B

Lab Sample ID: 200-20955-10

Date Sampled: 02/12/2014 1725

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_021.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0304			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0304			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	21		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	1.1		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	13		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	0.55	J	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.94		0.086	0.69
Carbon tetrachloride	0.22	J	0.13	0.25
2,2,4-Trimethylpentane	0.41	J	0.13	0.93
Benzene	0.59	J	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	1.0		0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	0.49	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	1.2		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.18	J	0.056	0.87
m,p-Xylene	0.50	J	0.10	2.2
Xylene, o-	0.20	J	0.069	0.87
Xylene (total)	0.73	J	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.095	J	0.088	0.98
1,3,5-Trimethylbenzene	0.095	J	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.21	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3B

Lab Sample ID: 200-20955-10

Date Sampled: 02/12/2014 1725

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_021.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0304			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0304			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	3.7		0.44	1.1
1,3-Dichlorobenzene	1.9		0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3D

Lab Sample ID: 200-20955-12

Date Sampled: 02/12/2014 1732

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_022.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0351			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0351			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.38	J	0.030	0.50
Freon 22	0.32	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.96		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.24		0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.23		0.030	0.20
Freon 113	0.063	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	14		1.3	5.0
Isopropyl alcohol	500	E	0.22	5.0
Carbon disulfide	0.22	J	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	8.4		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.13	J	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	14		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	0.77	J	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.85		0.025	0.20
Carbon tetrachloride	0.057		0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.23		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.22	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.12	J	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.021	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3D

Lab Sample ID: 200-20955-12

Date Sampled: 02/12/2014 1732

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_022.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0351			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0351			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	1.9	J	0.15	2.5
Freon 22	1.1	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	2.3		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.54		0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.3		0.17	1.1
Freon 113	0.48	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	33		3.0	12
Isopropyl alcohol	1200	E	0.53	12
Carbon disulfide	0.68	J	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3D

Lab Sample ID: 200-20955-12

Date Sampled: 02/12/2014 1732

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_022.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0351			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0351			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	29		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.46	J	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	42		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	2.3	J	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	2.9		0.086	0.69
Carbon tetrachloride	0.36		0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.73		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	0.89	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.44	J	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.14	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3D

Lab Sample ID: 200-20955-12

Date Sampled: 02/12/2014 1732

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_022.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/22/2014 0351			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0351			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5B

Lab Sample ID: 200-20955-14

Date Sampled: 02/12/2014 1713

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_024.D
Dilution:	6.9			Initial Weight/Volume:	29 mL
Analysis Date:	02/22/2014 0525			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0525			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	3.5	U	0.21	3.5
Freon 22	3.5	U	0.33	3.5
Freon-114	1.4	U	0.24	1.4
Chloromethane	3.5	U	0.94	3.5
n-Butane	3.5	U	1.9	3.5
Vinyl chloride	0.28	U	0.26	0.28
1,3-Butadiene	1.4	U	0.29	1.4
Bromomethane	1.4	U	0.19	1.4
Chloroethane	3.5	U	0.21	3.5
Vinyl bromide	1.4	U	0.21	1.4
Freon 11	1.4	U	0.21	1.4
Freon 113	1.4	U	0.12	1.4
1,1-Dichloroethene	1.4	U	0.17	1.4
Acetone	35	U	8.6	35
Isopropyl alcohol	390	E	1.5	35
Carbon disulfide	3.5	U	0.46	3.5
Allyl chloride	3.5	U	0.23	3.5
Methylene Chloride	87		0.86	3.5
tert-Butyl alcohol	35	U	2.3	35
Methyl tert-butyl ether	1.4	U	0.15	1.4
trans-1,2-Dichloroethene	1.4	U	0.20	1.4
Hexane	1.4	U	0.23	1.4
1,1-Dichloroethane	1.4	U	0.26	1.4
Methyl Ethyl Ketone	7.6		1.7	3.5
cis-1,2-Dichloroethene	1.4	U	0.26	1.4
1,2-Dichloroethene, Total	1.4	U	0.44	1.4
Chloroform	1.4	U	0.17	1.4
Tetrahydrofuran	1.2	J	0.32	35
1,1,1-Trichloroethane	1.4	U	0.14	1.4
Cyclohexane	0.86	J	0.17	1.4
Carbon tetrachloride	0.28	U	0.14	0.28
2,2,4-Trimethylpentane	1.4	U	0.19	1.4
Benzene	0.31	J	0.13	1.4
1,2-Dichloroethane	1.4	U	0.12	1.4
Heptane	1.4	U	0.32	1.4
Trichloroethene	0.28	U	0.17	0.28
Methyl methacrylate	3.5	U	0.21	3.5
1,2-Dichloropropane	1.4	U	0.22	1.4
1,4-Dioxane	35	U	1.4	35
Bromodichloromethane	1.4	U	0.12	1.4
cis-1,3-Dichloropropene	1.4	U	0.19	1.4
methyl isobutyl ketone	3.5	U	0.19	3.5
Toluene	0.84	J	0.12	1.4
trans-1,3-Dichloropropene	1.4	U	0.15	1.4
1,1,2-Trichloroethane	1.4	U	0.12	1.4
Tetrachloroethene	1.4	U	0.11	1.4

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5B

Lab Sample ID: 200-20955-14

Date Sampled: 02/12/2014 1713

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_024.D
Dilution:	6.9			Initial Weight/Volume:	29 mL
Analysis Date:	02/22/2014 0525			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0525			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	3.5	U	1.4	3.5
Dibromochloromethane	1.4	U	0.14	1.4
1,2-Dibromoethane	1.4	U	0.14	1.4
Chlorobenzene	1.4	U	0.056	1.4
Ethylbenzene	1.4	U	0.090	1.4
m,p-Xylene	3.5	U	0.16	3.5
Xylene, o-	1.4	U	0.11	1.4
Xylene (total)	1.4	U	0.23	1.4
Styrene	1.4	U	0.12	1.4
Bromoform	1.4	U	0.069	1.4
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	1.4	U	0.55	1.4
4-Ethyltoluene	1.4	U	0.12	1.4
1,3,5-Trimethylbenzene	1.4	U	0.083	1.4
2-Chlorotoluene	1.4	U	0.090	1.4
tert-Butylbenzene	1.4	U	0.12	1.4
1,2,4-Trimethylbenzene	1.4	U	0.097	1.4
sec-Butylbenzene	1.4	U	0.55	1.4
4-Isopropyltoluene	1.4	U	0.55	1.4
1,3-Dichlorobenzene	0.37	J	0.097	1.4
1,4-Dichlorobenzene	1.4	U	0.097	1.4
Benzyl chloride	1.4	U	0.55	1.4
n-Butylbenzene	1.4	U	0.55	1.4
1,2-Dichlorobenzene	1.4	U	0.097	1.4
1,2,4-Trichlorobenzene	3.5	U	0.19	3.5
Hexachloro-1,3-butadiene	1.4	U	0.15	1.4
Naphthalene	3.5	U	1.4	3.5

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	17	U	1.0	17
Freon 22	12	U	1.2	12
Freon-114	9.6	U	1.7	9.6
Chloromethane	7.1	U	1.9	7.1
n-Butane	8.2	U	4.6	8.2
Vinyl chloride	0.71	U	0.67	0.71
1,3-Butadiene	3.1	U	0.64	3.1
Bromomethane	5.4	U	0.75	5.4
Chloroethane	9.1	U	0.55	9.1
Vinyl bromide	6.0	U	0.91	6.0
Freon 11	7.8	U	1.2	7.8
Freon 113	11	U	0.95	11
1,1-Dichloroethene	5.5	U	0.66	5.5
Acetone	82	U	21	82
Isopropyl alcohol	970	E	3.6	85
Carbon disulfide	11	U	1.4	11
Allyl chloride	11	U	0.73	11

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5B

Lab Sample ID: 200-20955-14

Date Sampled: 02/12/2014 1713

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_024.D
Dilution:	6.9			Initial Weight/Volume:	29 mL
Analysis Date:	02/22/2014 0525			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0525			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	300		3.0	12
tert-Butyl alcohol	100	U	6.9	100
Methyl tert-butyl ether	5.0	U	0.55	5.0
trans-1,2-Dichloroethene	5.5	U	0.79	5.5
Hexane	4.9	U	0.83	4.9
1,1-Dichloroethane	5.6	U	1.1	5.6
Methyl Ethyl Ketone	22		4.9	10
cis-1,2-Dichloroethene	5.5	U	1.0	5.5
1,2-Dichloroethene, Total	5.5	U	1.8	5.5
Chloroform	6.7	U	0.84	6.7
Tetrahydrofuran	3.6	J	0.94	100
1,1,1-Trichloroethane	7.5	U	0.79	7.5
Cyclohexane	2.9	J	0.59	4.8
Carbon tetrachloride	1.7	U	0.91	1.7
2,2,4-Trimethylpentane	6.4	U	0.87	6.4
Benzene	1.0	J	0.42	4.4
1,2-Dichloroethane	5.6	U	0.47	5.6
Heptane	5.7	U	1.3	5.7
Trichloroethene	1.5	U	0.89	1.5
Methyl methacrylate	14	U	0.85	14
1,2-Dichloropropane	6.4	U	1.0	6.4
1,4-Dioxane	120	U	5.0	120
Bromodichloromethane	9.2	U	0.79	9.2
cis-1,3-Dichloropropene	6.3	U	0.88	6.3
methyl isobutyl ketone	14	U	0.76	14
Toluene	3.2	J	0.44	5.2
trans-1,3-Dichloropropene	6.3	U	0.69	6.3
1,1,2-Trichloroethane	7.5	U	0.64	7.5
Tetrachloroethene	9.4	U	0.75	9.4
Methyl Butyl Ketone (2-Hexanone)	14	U	5.7	14
Dibromochloromethane	12	U	1.2	12
1,2-Dibromoethane	11	U	1.1	11
Chlorobenzene	6.4	U	0.26	6.4
Ethylbenzene	6.0	U	0.39	6.0
m,p-Xylene	15	U	0.69	15
Xylene, o-	6.0	U	0.48	6.0
Xylene (total)	6.0	U	1.0	6.0
Styrene	5.9	U	0.53	5.9
Bromoform	14	U	0.71	14
1,1,2,2-Tetrachloroethane	9.5	U	0.76	9.5
n-Propylbenzene	6.8	U	2.7	6.8
4-Ethyltoluene	6.8	U	0.61	6.8
1,3,5-Trimethylbenzene	6.8	U	0.41	6.8
2-Chlorotoluene	7.1	U	0.46	7.1
tert-Butylbenzene	7.6	U	0.64	7.6
1,2,4-Trimethylbenzene	6.8	U	0.47	6.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5B

Lab Sample ID: 200-20955-14

Date Sampled: 02/12/2014 1713

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_024.D
Dilution:	6.9			Initial Weight/Volume:	29 mL
Analysis Date:	02/22/2014 0525			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0525			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	7.6	U	3.0	7.6
4-Isopropyltoluene	7.6	U	3.0	7.6
1,3-Dichlorobenzene	2.2	J	0.58	8.3
1,4-Dichlorobenzene	8.3	U	0.58	8.3
Benzyl chloride	7.1	U	2.9	7.1
n-Butylbenzene	7.6	U	3.0	7.6
1,2-Dichlorobenzene	8.3	U	0.58	8.3
1,2,4-Trichlorobenzene	26	U	1.4	26
Hexachloro-1,3-butadiene	15	U	1.6	15
Naphthalene	18	U	7.2	18

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6A

Lab Sample ID: 200-20955-16

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_026.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0658			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0658			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	1.9	J	0.30	5.0
Freon 22	0.96	J	0.48	5.0
Freon-114	2.0	U	0.35	2.0
Chloromethane	5.0	U	1.4	5.0
n-Butane	5.0	U	2.8	5.0
Vinyl chloride	0.40	U	0.38	0.40
1,3-Butadiene	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.28	2.0
Chloroethane	5.0	U	0.30	5.0
Vinyl bromide	2.0	U	0.30	2.0
Freon 11	4.0		0.30	2.0
Freon 113	2.0		0.18	2.0
1,1-Dichloroethene	2.0	U	0.24	2.0
Acetone	50	U	13	50
Isopropyl alcohol	800	E	2.2	50
Carbon disulfide	5.0	U	0.66	5.0
Allyl chloride	5.0	U	0.34	5.0
Methylene Chloride	180		1.3	5.0
tert-Butyl alcohol	50	U	3.3	50
Methyl tert-butyl ether	2.0	U	0.22	2.0
trans-1,2-Dichloroethene	2.0	U	0.29	2.0
Hexane	2.0	U	0.34	2.0
1,1-Dichloroethane	6.7		0.38	2.0
Methyl Ethyl Ketone	18		2.4	5.0
cis-1,2-Dichloroethene	2.0	U	0.38	2.0
1,2-Dichloroethene, Total	2.0	U	0.64	2.0
Chloroform	4.4		0.25	2.0
Tetrahydrofuran	14	J	0.46	50
1,1,1-Trichloroethane	3.4		0.21	2.0
Cyclohexane	2.6		0.25	2.0
Carbon tetrachloride	0.40	U	0.21	0.40
2,2,4-Trimethylpentane	2.0	U	0.27	2.0
Benzene	0.39	J	0.19	2.0
1,2-Dichloroethane	2.0	U	0.17	2.0
Heptane	2.0	U	0.46	2.0
Trichloroethene	2.1		0.24	0.40
Methyl methacrylate	5.0	U	0.30	5.0
1,2-Dichloropropane	2.0	U	0.32	2.0
1,4-Dioxane	50	U	2.0	50
Bromodichloromethane	2.0	U	0.17	2.0
cis-1,3-Dichloropropene	2.0	U	0.28	2.0
methyl isobutyl ketone	5.0	U	0.27	5.0
Toluene	1.8	J	0.17	2.0
trans-1,3-Dichloropropene	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.17	2.0
Tetrachloroethene	2.0	U	0.16	2.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6A

Lab Sample ID: 200-20955-16

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_026.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0658			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0658			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	5.0	U	2.0	5.0
Dibromochloromethane	2.0	U	0.20	2.0
1,2-Dibromoethane	2.0	U	0.20	2.0
Chlorobenzene	2.0	U	0.081	2.0
Ethylbenzene	2.0	U	0.13	2.0
m,p-Xylene	5.0	U	0.23	5.0
Xylene, o-	2.0	U	0.16	2.0
Xylene (total)	2.0	U	0.34	2.0
Styrene	2.0	U	0.18	2.0
Bromoform	2.0	U	0.10	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.16	2.0
n-Propylbenzene	2.0	U	0.80	2.0
4-Ethyltoluene	2.0	U	0.18	2.0
1,3,5-Trimethylbenzene	2.0	U	0.12	2.0
2-Chlorotoluene	2.0	U	0.13	2.0
tert-Butylbenzene	2.0	U	0.17	2.0
1,2,4-Trimethylbenzene	2.0	U	0.14	2.0
sec-Butylbenzene	2.0	U	0.80	2.0
4-Isopropyltoluene	2.0	U	0.80	2.0
1,3-Dichlorobenzene	0.63	J	0.14	2.0
1,4-Dichlorobenzene	2.0	U	0.14	2.0
Benzyl chloride	2.0	U	0.80	2.0
n-Butylbenzene	2.0	U	0.80	2.0
1,2-Dichlorobenzene	2.0	U	0.14	2.0
1,2,4-Trichlorobenzene	5.0	U	0.27	5.0
Hexachloro-1,3-butadiene	2.0	U	0.22	2.0
Naphthalene	5.0	U	2.0	5.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	9.2	J	1.5	25
Freon 22	3.4	J	1.7	18
Freon-114	14	U	2.4	14
Chloromethane	10	U	2.8	10
n-Butane	12	U	6.7	12
Vinyl chloride	1.0	U	0.97	1.0
1,3-Butadiene	4.4	U	0.93	4.4
Bromomethane	7.8	U	1.1	7.8
Chloroethane	13	U	0.79	13
Vinyl bromide	8.7	U	1.3	8.7
Freon 11	23		1.7	11
Freon 113	15		1.4	15
1,1-Dichloroethene	7.9	U	0.95	7.9
Acetone	120	U	30	120
Isopropyl alcohol	2000	E	5.3	120
Carbon disulfide	16	U	2.1	16
Allyl chloride	16	U	1.1	16

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6A

Lab Sample ID: 200-20955-16

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_026.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0658			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0658			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	620		4.3	17
tert-Butyl alcohol	150	U	9.9	150
Methyl tert-butyl ether	7.2	U	0.79	7.2
trans-1,2-Dichloroethene	7.9	U	1.1	7.9
Hexane	7.0	U	1.2	7.0
1,1-Dichloroethane	27		1.5	8.1
Methyl Ethyl Ketone	52		7.1	15
cis-1,2-Dichloroethene	7.9	U	1.5	7.9
1,2-Dichloroethene, Total	7.9	U	2.5	7.9
Chloroform	21		1.2	9.8
Tetrahydrofuran	41	J	1.4	150
1,1,1-Trichloroethane	19		1.1	11
Cyclohexane	8.8		0.86	6.9
Carbon tetrachloride	2.5	U	1.3	2.5
2,2,4-Trimethylpentane	9.3	U	1.3	9.3
Benzene	1.2	J	0.61	6.4
1,2-Dichloroethane	8.1	U	0.69	8.1
Heptane	8.2	U	1.9	8.2
Trichloroethene	11		1.3	2.1
Methyl methacrylate	20	U	1.2	20
1,2-Dichloropropane	9.2	U	1.5	9.2
1,4-Dioxane	180	U	7.2	180
Bromodichloromethane	13	U	1.1	13
cis-1,3-Dichloropropene	9.1	U	1.3	9.1
methyl isobutyl ketone	20	U	1.1	20
Toluene	6.8	J	0.64	7.5
trans-1,3-Dichloropropene	9.1	U	1.0	9.1
1,1,2-Trichloroethane	11	U	0.93	11
Tetrachloroethene	14	U	1.1	14
Methyl Butyl Ketone (2-Hexanone)	20	U	8.2	20
Dibromochloromethane	17	U	1.7	17
1,2-Dibromoethane	15	U	1.5	15
Chlorobenzene	9.2	U	0.37	9.2
Ethylbenzene	8.7	U	0.56	8.7
m,p-Xylene	22	U	1.0	22
Xylene, o-	8.7	U	0.69	8.7
Xylene (total)	8.7	U	1.5	8.7
Styrene	8.5	U	0.77	8.5
Bromoform	21	U	1.0	21
1,1,2,2-Tetrachloroethane	14	U	1.1	14
n-Propylbenzene	9.8	U	3.9	9.8
4-Ethyltoluene	9.8	U	0.88	9.8
1,3,5-Trimethylbenzene	9.8	U	0.59	9.8
2-Chlorotoluene	10	U	0.67	10
tert-Butylbenzene	11	U	0.93	11
1,2,4-Trimethylbenzene	9.8	U	0.69	9.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6A

Lab Sample ID: 200-20955-16

Date Sampled: 02/12/2014 1632

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_026.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0658			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0658			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	11	U	4.4	11
4-Isopropyltoluene	11	U	4.4	11
1,3-Dichlorobenzene	3.8	J	0.84	12
1,4-Dichlorobenzene	12	U	0.84	12
Benzyl chloride	10	U	4.1	10
n-Butylbenzene	11	U	4.4	11
1,2-Dichlorobenzene	12	U	0.84	12
1,2,4-Trichlorobenzene	37	U	2.0	37
Hexachloro-1,3-butadiene	21	U	2.3	21
Naphthalene	26	U	10	26

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6B

Lab Sample ID: 200-20955-18

Date Sampled: 02/12/2014 1707

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_028.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0832			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0832			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	1.3	J	0.30	5.0
Freon 22	1.4	J	0.48	5.0
Freon-114	2.0	U	0.35	2.0
Chloromethane	5.0	U	1.4	5.0
n-Butane	5.0	U	2.8	5.0
Vinyl chloride	0.40	U	0.38	0.40
1,3-Butadiene	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.28	2.0
Chloroethane	5.0	U	0.30	5.0
Vinyl bromide	2.0	U	0.30	2.0
Freon 11	2.0	U	0.30	2.0
Freon 113	0.55	J	0.18	2.0
1,1-Dichloroethene	2.0	U	0.24	2.0
Acetone	50	U	13	50
Isopropyl alcohol	400		2.2	50
Carbon disulfide	5.0	U	0.66	5.0
Allyl chloride	5.0	U	0.34	5.0
Methylene Chloride	120		1.3	5.0
tert-Butyl alcohol	50	U	3.3	50
Methyl tert-butyl ether	2.0	U	0.22	2.0
trans-1,2-Dichloroethene	2.0	U	0.29	2.0
Hexane	2.0	U	0.34	2.0
1,1-Dichloroethane	0.62	J	0.38	2.0
Methyl Ethyl Ketone	10		2.4	5.0
cis-1,2-Dichloroethene	2.0	U	0.38	2.0
1,2-Dichloroethene, Total	2.0	U	0.64	2.0
Chloroform	2.0	U	0.25	2.0
Tetrahydrofuran	5.8	J	0.46	50
1,1,1-Trichloroethane	2.0	U	0.21	2.0
Cyclohexane	1.8	J	0.25	2.0
Carbon tetrachloride	0.37	J	0.21	0.40
2,2,4-Trimethylpentane	0.82	J	0.27	2.0
Benzene	0.60	J	0.19	2.0
1,2-Dichloroethane	0.41	J	0.17	2.0
Heptane	2.0	U	0.46	2.0
Trichloroethene	0.39	J	0.24	0.40
Methyl methacrylate	5.0	U	0.30	5.0
1,2-Dichloropropane	2.0	U	0.32	2.0
1,4-Dioxane	50	U	2.0	50
Bromodichloromethane	0.34	J	0.17	2.0
cis-1,3-Dichloropropene	2.0	U	0.28	2.0
methyl isobutyl ketone	5.0	U	0.27	5.0
Toluene	1.8	J	0.17	2.0
trans-1,3-Dichloropropene	2.0	U	0.22	2.0
1,1,2-Trichloroethane	0.39	J	0.17	2.0
Tetrachloroethene	1.6	J	0.16	2.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6B

Lab Sample ID: 200-20955-18

Date Sampled: 02/12/2014 1707

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_028.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0832			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0832			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	5.0	U	2.0	5.0
Dibromochloromethane	2.0	U	0.20	2.0
1,2-Dibromoethane	2.0	U	0.20	2.0
Chlorobenzene	0.43	J	0.081	2.0
Ethylbenzene	0.52	J	0.13	2.0
m,p-Xylene	1.1	J	0.23	5.0
Xylene, o-	0.49	J	0.16	2.0
Xylene (total)	1.6	J	0.34	2.0
Styrene	0.53	J	0.18	2.0
Bromoform	2.0	U	0.10	2.0
1,1,2,2-Tetrachloroethane	0.42	J	0.16	2.0
n-Propylbenzene	2.0	U	0.80	2.0
4-Ethyltoluene	0.44	J	0.18	2.0
1,3,5-Trimethylbenzene	0.46	J	0.12	2.0
2-Chlorotoluene	0.48	J	0.13	2.0
tert-Butylbenzene	0.48	J	0.17	2.0
1,2,4-Trimethylbenzene	0.52	J	0.14	2.0
sec-Butylbenzene	2.0	U	0.80	2.0
4-Isopropyltoluene	2.0	U	0.80	2.0
1,3-Dichlorobenzene	0.56	J	0.14	2.0
1,4-Dichlorobenzene	0.32	J	0.14	2.0
Benzyl chloride	2.0	U	0.80	2.0
n-Butylbenzene	2.0	U	0.80	2.0
1,2-Dichlorobenzene	0.39	J	0.14	2.0
1,2,4-Trichlorobenzene	5.0	U	0.27	5.0
Hexachloro-1,3-butadiene	2.0	U	0.22	2.0
Naphthalene	5.0	U	2.0	5.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	6.4	J	1.5	25
Freon 22	5.0	J	1.7	18
Freon-114	14	U	2.4	14
Chloromethane	10	U	2.8	10
n-Butane	12	U	6.7	12
Vinyl chloride	1.0	U	0.97	1.0
1,3-Butadiene	4.4	U	0.93	4.4
Bromomethane	7.8	U	1.1	7.8
Chloroethane	13	U	0.79	13
Vinyl bromide	8.7	U	1.3	8.7
Freon 11	11	U	1.7	11
Freon 113	4.2	J	1.4	15
1,1-Dichloroethene	7.9	U	0.95	7.9
Acetone	120	U	30	120
Isopropyl alcohol	970		5.3	120
Carbon disulfide	16	U	2.1	16
Allyl chloride	16	U	1.1	16

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6B

Lab Sample ID: 200-20955-18

Date Sampled: 02/12/2014 1707

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_028.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0832			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0832			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	410		4.3	17
tert-Butyl alcohol	150	U	9.9	150
Methyl tert-butyl ether	7.2	U	0.79	7.2
trans-1,2-Dichloroethene	7.9	U	1.1	7.9
Hexane	7.0	U	1.2	7.0
1,1-Dichloroethane	2.5	J	1.5	8.1
Methyl Ethyl Ketone	29		7.1	15
cis-1,2-Dichloroethene	7.9	U	1.5	7.9
1,2-Dichloroethene, Total	7.9	U	2.5	7.9
Chloroform	9.8	U	1.2	9.8
Tetrahydrofuran	17	J	1.4	150
1,1,1-Trichloroethane	11	U	1.1	11
Cyclohexane	6.2	J	0.86	6.9
Carbon tetrachloride	2.3	J	1.3	2.5
2,2,4-Trimethylpentane	3.8	J	1.3	9.3
Benzene	1.9	J	0.61	6.4
1,2-Dichloroethane	1.7	J	0.69	8.1
Heptane	8.2	U	1.9	8.2
Trichloroethene	2.1	J	1.3	2.1
Methyl methacrylate	20	U	1.2	20
1,2-Dichloropropane	9.2	U	1.5	9.2
1,4-Dioxane	180	U	7.2	180
Bromodichloromethane	2.3	J	1.1	13
cis-1,3-Dichloropropene	9.1	U	1.3	9.1
methyl isobutyl ketone	20	U	1.1	20
Toluene	6.7	J	0.64	7.5
trans-1,3-Dichloropropene	9.1	U	1.0	9.1
1,1,2-Trichloroethane	2.1	J	0.93	11
Tetrachloroethene	11	J	1.1	14
Methyl Butyl Ketone (2-Hexanone)	20	U	8.2	20
Dibromochloromethane	17	U	1.7	17
1,2-Dibromoethane	15	U	1.5	15
Chlorobenzene	2.0	J	0.37	9.2
Ethylbenzene	2.3	J	0.56	8.7
m,p-Xylene	4.7	J	1.0	22
Xylene, o-	2.1	J	0.69	8.7
Xylene (total)	6.9	J	1.5	8.7
Styrene	2.3	J	0.77	8.5
Bromoform	21	U	1.0	21
1,1,2,2-Tetrachloroethane	2.9	J	1.1	14
n-Propylbenzene	9.8	U	3.9	9.8
4-Ethyltoluene	2.2	J	0.88	9.8
1,3,5-Trimethylbenzene	2.3	J	0.59	9.8
2-Chlorotoluene	2.5	J	0.67	10
tert-Butylbenzene	2.6	J	0.93	11
1,2,4-Trimethylbenzene	2.5	J	0.69	9.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-6B

Lab Sample ID: 200-20955-18

Date Sampled: 02/12/2014 1707

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68745	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6267_028.D
Dilution:	10			Initial Weight/Volume:	20 mL
Analysis Date:	02/22/2014 0832			Final Weight/Volume:	200 mL
Prep Date:	02/22/2014 0832			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	11	U	4.4	11
4-Isopropyltoluene	11	U	4.4	11
1,3-Dichlorobenzene	3.3	J	0.84	12
1,4-Dichlorobenzene	1.9	J	0.84	12
Benzyl chloride	10	U	4.1	10
n-Butylbenzene	11	U	4.4	11
1,2-Dichlorobenzene	2.3	J	0.84	12
1,2,4-Trichlorobenzene	37	U	2.0	37
Hexachloro-1,3-butadiene	21	U	2.3	21
Naphthalene	26	U	10	26

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3E

Lab Sample ID: 200-20955-20

Date Sampled: 02/12/2014 1740

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1916			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1916			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	0.49	J	0.030	0.50
Freon 22	0.28	J	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.53		0.14	0.50
n-Butane	1.9		0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.26		0.030	0.20
Freon 113	0.083	J	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	27		1.3	5.0
Isopropyl alcohol	600	E	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	2.9		0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.23		0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	25		0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	1.3		0.025	0.20
Carbon tetrachloride	0.065		0.021	0.040
2,2,4-Trimethylpentane	0.16	J	0.027	0.20
Benzene	0.36		0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.037	J	0.024	0.040
Methyl methacrylate	0.25	J	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.084	J	0.027	0.50
Toluene	0.67		0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20
Tetrachloroethene	0.13	J	0.016	0.20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3E

Lab Sample ID: 200-20955-20

Date Sampled: 02/12/2014 1740

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1916			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1916			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.10	J	0.013	0.20
m,p-Xylene	0.28	J	0.023	0.50
Xylene, o-	0.12	J	0.016	0.20
Xylene (total)	0.40		0.034	0.20
Styrene	0.059	J	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.038	J	0.018	0.20
1,3,5-Trimethylbenzene	0.040	J	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.13	J	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.82	B	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	2.4	J	0.15	2.5
Freon 22	0.99	J	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.1		0.28	1.0
n-Butane	4.6		0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.4		0.17	1.1
Freon 113	0.64	J	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	65		3.0	12
Isopropyl alcohol	1500	E	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3E

Lab Sample ID: 200-20955-20

Date Sampled: 02/12/2014 1740

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1916			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1916			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	10		0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.80		0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	72		0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	4.6		0.086	0.69
Carbon tetrachloride	0.41		0.13	0.25
2,2,4-Trimethylpentane	0.77	J	0.13	0.93
Benzene	1.1		0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.20	J	0.13	0.21
Methyl methacrylate	1.0	J	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	0.34	J	0.11	2.0
Toluene	2.5		0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1
Tetrachloroethene	0.87	J	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.45	J	0.056	0.87
m,p-Xylene	1.2	J	0.10	2.2
Xylene, o-	0.51	J	0.069	0.87
Xylene (total)	1.7		0.15	0.87
Styrene	0.25	J	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.19	J	0.088	0.98
1,3,5-Trimethylbenzene	0.20	J	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.65	J	0.069	0.98

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-3E

Lab Sample ID: 200-20955-20

Date Sampled: 02/12/2014 1740

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_010.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	02/24/2014 1916			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 1916			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	4.9	B	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-4

Lab Sample ID: 200-20955-22

Date Sampled: 02/12/2014 1641

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_011.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/24/2014 2004			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2004			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	1.0	U	0.060	1.0
Freon 22	0.43	J	0.096	1.0
Freon-114	0.40	U	0.070	0.40
Chloromethane	1.0	U	0.27	1.0
n-Butane	1.0	U	0.56	1.0
Vinyl chloride	0.080	U	0.076	0.080
1,3-Butadiene	0.40	U	0.084	0.40
Bromomethane	0.40	U	0.056	0.40
Chloroethane	1.0	U	0.060	1.0
Vinyl bromide	0.40	U	0.060	0.40
Freon 11	1.4		0.060	0.40
Freon 113	0.40	U	0.036	0.40
1,1-Dichloroethene	0.40	U	0.048	0.40
Acetone	36		2.5	10
Isopropyl alcohol	610	E	0.43	10
Carbon disulfide	1.0	U	0.13	1.0
Allyl chloride	1.0	U	0.068	1.0
Methylene Chloride	1.4		0.25	1.0
tert-Butyl alcohol	10	U	0.66	10
Methyl tert-butyl ether	0.40	U	0.044	0.40
trans-1,2-Dichloroethene	0.40	U	0.058	0.40
Hexane	0.40	U	0.068	0.40
1,1-Dichloroethane	0.40	U	0.076	0.40
Methyl Ethyl Ketone	23		0.48	1.0
cis-1,2-Dichloroethene	0.40	U	0.076	0.40
1,2-Dichloroethene, Total	0.40	U	0.13	0.40
Chloroform	0.40	U	0.050	0.40
Tetrahydrofuran	10	U	0.092	10
1,1,1-Trichloroethane	0.40	U	0.042	0.40
Cyclohexane	11		0.050	0.40
Carbon tetrachloride	0.080	U	0.042	0.080
2,2,4-Trimethylpentane	0.40	U	0.054	0.40
Benzene	0.30	J	0.038	0.40
1,2-Dichloroethane	0.40	U	0.034	0.40
Heptane	0.40	U	0.092	0.40
Trichloroethene	0.080	U	0.048	0.080
Methyl methacrylate	1.0	U	0.060	1.0
1,2-Dichloropropane	0.40	U	0.064	0.40
1,4-Dioxane	10	U	0.40	10
Bromodichloromethane	0.40	U	0.034	0.40
cis-1,3-Dichloropropene	0.40	U	0.056	0.40
methyl isobutyl ketone	1.0	U	0.054	1.0
Toluene	1.0		0.034	0.40
trans-1,3-Dichloropropene	0.40	U	0.044	0.40
1,1,2-Trichloroethane	0.40	U	0.034	0.40
Tetrachloroethene	0.48		0.032	0.40

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-4

Lab Sample ID: 200-20955-22

Date Sampled: 02/12/2014 1641

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_011.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/24/2014 2004			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2004			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	1.0	U	0.40	1.0
Dibromochloromethane	0.40	U	0.040	0.40
1,2-Dibromoethane	0.40	U	0.040	0.40
Chlorobenzene	0.12	J	0.016	0.40
Ethylbenzene	0.18	J	0.026	0.40
m,p-Xylene	0.38	J	0.046	1.0
Xylene, o-	0.13	J	0.032	0.40
Xylene (total)	0.51		0.068	0.40
Styrene	0.46		0.036	0.40
Bromoform	0.40	U	0.020	0.40
1,1,2,2-Tetrachloroethane	0.40	U	0.032	0.40
n-Propylbenzene	0.40	U	0.16	0.40
4-Ethyltoluene	0.075	J	0.036	0.40
1,3,5-Trimethylbenzene	0.062	J	0.024	0.40
2-Chlorotoluene	0.40	U	0.026	0.40
tert-Butylbenzene	0.40	U	0.034	0.40
1,2,4-Trimethylbenzene	0.18	J	0.028	0.40
sec-Butylbenzene	0.40	U	0.16	0.40
4-Isopropyltoluene	0.40	U	0.16	0.40
1,3-Dichlorobenzene	0.45	B	0.028	0.40
1,4-Dichlorobenzene	0.40	U	0.028	0.40
Benzyl chloride	0.40	U	0.16	0.40
n-Butylbenzene	0.40	U	0.16	0.40
1,2-Dichlorobenzene	0.40	U	0.028	0.40
1,2,4-Trichlorobenzene	1.0	U	0.054	1.0
Hexachloro-1,3-butadiene	0.40	U	0.044	0.40
Naphthalene	1.0	U	0.40	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	4.9	U	0.30	4.9
Freon 22	1.5	J	0.34	3.5
Freon-114	2.8	U	0.49	2.8
Chloromethane	2.1	U	0.56	2.1
n-Butane	2.4	U	1.3	2.4
Vinyl chloride	0.20	U	0.19	0.20
1,3-Butadiene	0.88	U	0.19	0.88
Bromomethane	1.6	U	0.22	1.6
Chloroethane	2.6	U	0.16	2.6
Vinyl bromide	1.7	U	0.26	1.7
Freon 11	8.0		0.34	2.2
Freon 113	3.1	U	0.28	3.1
1,1-Dichloroethene	1.6	U	0.19	1.6
Acetone	84		5.9	24
Isopropyl alcohol	1500	E	1.1	25
Carbon disulfide	3.1	U	0.41	3.1
Allyl chloride	3.1	U	0.21	3.1

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-4

Lab Sample ID: 200-20955-22

Date Sampled: 02/12/2014 1641

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_011.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/24/2014 2004			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2004			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	5.0		0.87	3.5
tert-Butyl alcohol	30	U	2.0	30
Methyl tert-butyl ether	1.4	U	0.16	1.4
trans-1,2-Dichloroethene	1.6	U	0.23	1.6
Hexane	1.4	U	0.24	1.4
1,1-Dichloroethane	1.6	U	0.31	1.6
Methyl Ethyl Ketone	66		1.4	2.9
cis-1,2-Dichloroethene	1.6	U	0.30	1.6
1,2-Dichloroethene, Total	1.6	U	0.51	1.6
Chloroform	2.0	U	0.24	2.0
Tetrahydrofuran	29	U	0.27	29
1,1,1-Trichloroethane	2.2	U	0.23	2.2
Cyclohexane	40		0.17	1.4
Carbon tetrachloride	0.50	U	0.26	0.50
2,2,4-Trimethylpentane	1.9	U	0.25	1.9
Benzene	0.95	J	0.12	1.3
1,2-Dichloroethane	1.6	U	0.14	1.6
Heptane	1.6	U	0.38	1.6
Trichloroethene	0.43	U	0.26	0.43
Methyl methacrylate	4.1	U	0.25	4.1
1,2-Dichloropropane	1.8	U	0.30	1.8
1,4-Dioxane	36	U	1.4	36
Bromodichloromethane	2.7	U	0.23	2.7
cis-1,3-Dichloropropene	1.8	U	0.25	1.8
methyl isobutyl ketone	4.1	U	0.22	4.1
Toluene	3.8		0.13	1.5
trans-1,3-Dichloropropene	1.8	U	0.20	1.8
1,1,2-Trichloroethane	2.2	U	0.19	2.2
Tetrachloroethene	3.3		0.22	2.7
Methyl Butyl Ketone (2-Hexanone)	4.1	U	1.6	4.1
Dibromochloromethane	3.4	U	0.34	3.4
1,2-Dibromoethane	3.1	U	0.31	3.1
Chlorobenzene	0.56	J	0.075	1.8
Ethylbenzene	0.80	J	0.11	1.7
m,p-Xylene	1.7	J	0.20	4.3
Xylene, o-	0.55	J	0.14	1.7
Xylene (total)	2.2		0.30	1.7
Styrene	1.9		0.15	1.7
Bromoform	4.1	U	0.21	4.1
1,1,2,2-Tetrachloroethane	2.7	U	0.22	2.7
n-Propylbenzene	2.0	U	0.79	2.0
4-Ethyltoluene	0.37	J	0.18	2.0
1,3,5-Trimethylbenzene	0.30	J	0.12	2.0
2-Chlorotoluene	2.1	U	0.13	2.1
tert-Butylbenzene	2.2	U	0.19	2.2
1,2,4-Trimethylbenzene	0.87	J	0.14	2.0

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-4

Lab Sample ID: 200-20955-22

Date Sampled: 02/12/2014 1641

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_011.d
Dilution:	2.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/24/2014 2004			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2004			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	2.2	U	0.88	2.2
4-Isopropyltoluene	2.2	U	0.88	2.2
1,3-Dichlorobenzene	2.7	B	0.17	2.4
1,4-Dichlorobenzene	2.4	U	0.17	2.4
Benzyl chloride	2.1	U	0.83	2.1
n-Butylbenzene	2.2	U	0.88	2.2
1,2-Dichlorobenzene	2.4	U	0.17	2.4
1,2,4-Trichlorobenzene	7.4	U	0.40	7.4
Hexachloro-1,3-butadiene	4.3	U	0.47	4.3
Naphthalene	5.2	U	2.1	5.2

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5A

Lab Sample ID: 200-20955-24

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_013.d
Dilution:	5.71			Initial Weight/Volume:	35 mL
Analysis Date:	02/24/2014 2140			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2140			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	2.9	U	0.17	2.9
Freon 22	2.4	J	0.27	2.9
Freon-114	1.1	U	0.20	1.1
Chloromethane	2.9	U	0.78	2.9
n-Butane	2.9	U	1.6	2.9
Vinyl chloride	0.23	U	0.22	0.23
1,3-Butadiene	1.1	U	0.24	1.1
Bromomethane	1.1	U	0.16	1.1
Chloroethane	2.9	U	0.17	2.9
Vinyl bromide	1.1	U	0.17	1.1
Freon 11	1.1	U	0.17	1.1
Freon 113	3.1		0.10	1.1
1,1-Dichloroethene	1.1	U	0.14	1.1
Acetone	26	J	7.1	29
Isopropyl alcohol	510	E	1.2	29
Carbon disulfide	1.4	J	0.38	2.9
Allyl chloride	2.9	U	0.19	2.9
Methylene Chloride	100		0.71	2.9
tert-Butyl alcohol	29	U	1.9	29
Methyl tert-butyl ether	1.1	U	0.13	1.1
trans-1,2-Dichloroethene	1.1	U	0.17	1.1
Hexane	0.70	J	0.19	1.1
1,1-Dichloroethane	0.98	J	0.22	1.1
Methyl Ethyl Ketone	18		1.4	2.9
cis-1,2-Dichloroethene	1.1	U	0.22	1.1
1,2-Dichloroethene, Total	1.1	U	0.37	1.1
Chloroform	10		0.14	1.1
Tetrahydrofuran	29	U	0.26	29
1,1,1-Trichloroethane	2.2		0.12	1.1
Cyclohexane	0.97	J	0.14	1.1
Carbon tetrachloride	0.23	U	0.12	0.23
2,2,4-Trimethylpentane	0.60	J	0.15	1.1
Benzene	0.36	J	0.11	1.1
1,2-Dichloroethane	1.1	U	0.097	1.1
Heptane	1.1	U	0.26	1.1
Trichloroethene	4.8		0.14	0.23
Methyl methacrylate	2.9	U	0.17	2.9
1,2-Dichloropropane	1.1	U	0.18	1.1
1,4-Dioxane	1.5	J	1.1	29
Bromodichloromethane	1.1	U	0.097	1.1
cis-1,3-Dichloropropene	1.1	U	0.16	1.1
methyl isobutyl ketone	2.9	U	0.15	2.9
Toluene	1.6		0.097	1.1
trans-1,3-Dichloropropene	1.1	U	0.13	1.1
1,1,2-Trichloroethane	1.1	U	0.097	1.1
Tetrachloroethene	2.3		0.091	1.1

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5A

Lab Sample ID: 200-20955-24

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_013.d
Dilution:	5.71			Initial Weight/Volume:	35 mL
Analysis Date:	02/24/2014 2140			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2140			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	2.9	U	1.1	2.9
Dibromochloromethane	1.1	U	0.11	1.1
1,2-Dibromoethane	1.1	U	0.11	1.1
Chlorobenzene	1.1	U	0.046	1.1
Ethylbenzene	0.17	J	0.074	1.1
m,p-Xylene	2.9	U	0.13	2.9
Xylene, o-	1.1	U	0.091	1.1
Xylene (total)	1.1	U	0.19	1.1
Styrene	1.1	U	0.10	1.1
Bromoform	1.1	U	0.057	1.1
1,1,2,2-Tetrachloroethane	1.1	U	0.091	1.1
n-Propylbenzene	1.1	U	0.46	1.1
4-Ethyltoluene	1.1	U	0.10	1.1
1,3,5-Trimethylbenzene	1.1	U	0.069	1.1
2-Chlorotoluene	1.1	U	0.074	1.1
tert-Butylbenzene	1.1	U	0.097	1.1
1,2,4-Trimethylbenzene	0.19	J	0.080	1.1
sec-Butylbenzene	1.1	U	0.46	1.1
4-Isopropyltoluene	1.1	U	0.46	1.1
1,3-Dichlorobenzene	0.62	J B	0.080	1.1
1,4-Dichlorobenzene	1.1	U	0.080	1.1
Benzyl chloride	1.1	U	0.46	1.1
n-Butylbenzene	1.1	U	0.46	1.1
1,2-Dichlorobenzene	1.1	U	0.080	1.1
1,2,4-Trichlorobenzene	2.9	U	0.15	2.9
Hexachloro-1,3-butadiene	1.1	U	0.13	1.1
Naphthalene	2.9	U	1.1	2.9

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	14	U	0.85	14
Freon 22	8.4	J	0.97	10
Freon-114	8.0	U	1.4	8.0
Chloromethane	5.9	U	1.6	5.9
n-Butane	6.8	U	3.8	6.8
Vinyl chloride	0.58	U	0.55	0.58
1,3-Butadiene	2.5	U	0.53	2.5
Bromomethane	4.4	U	0.62	4.4
Chloroethane	7.5	U	0.45	7.5
Vinyl bromide	5.0	U	0.75	5.0
Freon 11	6.4	U	0.96	6.4
Freon 113	24		0.79	8.8
1,1-Dichloroethene	4.5	U	0.54	4.5
Acetone	62	J	17	68
Isopropyl alcohol	1200	E	3.0	70
Carbon disulfide	4.3	J	1.2	8.9
Allyl chloride	8.9	U	0.61	8.9

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5A

Lab Sample ID: 200-20955-24

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_013.d
Dilution:	5.71			Initial Weight/Volume:	35 mL
Analysis Date:	02/24/2014 2140			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2140			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	350		2.5	9.9
tert-Butyl alcohol	87	U	5.7	87
Methyl tert-butyl ether	4.1	U	0.45	4.1
trans-1,2-Dichloroethene	4.5	U	0.66	4.5
Hexane	2.5	J	0.68	4.0
1,1-Dichloroethane	4.0	J	0.88	4.6
Methyl Ethyl Ketone	54		4.1	8.4
cis-1,2-Dichloroethene	4.5	U	0.86	4.5
1,2-Dichloroethene, Total	4.5	U	1.4	4.5
Chloroform	51		0.70	5.6
Tetrahydrofuran	84	U	0.77	84
1,1,1-Trichloroethane	12		0.65	6.2
Cyclohexane	3.3	J	0.49	3.9
Carbon tetrachloride	1.4	U	0.75	1.4
2,2,4-Trimethylpentane	2.8	J	0.72	5.3
Benzene	1.2	J	0.35	3.6
1,2-Dichloroethane	4.6	U	0.39	4.6
Heptane	4.7	U	1.1	4.7
Trichloroethene	26		0.74	1.2
Methyl methacrylate	12	U	0.70	12
1,2-Dichloropropane	5.3	U	0.84	5.3
1,4-Dioxane	5.5	J	4.1	100
Bromodichloromethane	7.7	U	0.65	7.7
cis-1,3-Dichloropropene	5.2	U	0.73	5.2
methyl isobutyl ketone	12	U	0.63	12
Toluene	5.9		0.37	4.3
trans-1,3-Dichloropropene	5.2	U	0.57	5.2
1,1,2-Trichloroethane	6.2	U	0.53	6.2
Tetrachloroethene	16		0.62	7.7
Methyl Butyl Ketone (2-Hexanone)	12	U	4.7	12
Dibromochloromethane	9.7	U	0.97	9.7
1,2-Dibromoethane	8.8	U	0.88	8.8
Chlorobenzene	5.3	U	0.21	5.3
Ethylbenzene	0.75	J	0.32	5.0
m,p-Xylene	12	U	0.57	12
Xylene, o-	5.0	U	0.40	5.0
Xylene (total)	5.0	U	0.84	5.0
Styrene	4.9	U	0.44	4.9
Bromoform	12	U	0.59	12
1,1,2,2-Tetrachloroethane	7.8	U	0.63	7.8
n-Propylbenzene	5.6	U	2.2	5.6
4-Ethyltoluene	5.6	U	0.51	5.6
1,3,5-Trimethylbenzene	5.6	U	0.34	5.6
2-Chlorotoluene	5.9	U	0.38	5.9
tert-Butylbenzene	6.3	U	0.53	6.3
1,2,4-Trimethylbenzene	0.94	J	0.39	5.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-5A

Lab Sample ID: 200-20955-24

Date Sampled: 02/12/2014 1655

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_013.d
Dilution:	5.71			Initial Weight/Volume:	35 mL
Analysis Date:	02/24/2014 2140			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2140			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	6.3	U	2.5	6.3
4-Isopropyltoluene	6.3	U	2.5	6.3
1,3-Dichlorobenzene	3.8	J B	0.48	6.9
1,4-Dichlorobenzene	6.9	U	0.48	6.9
Benzyl chloride	5.9	U	2.4	5.9
n-Butylbenzene	6.3	U	2.5	6.3
1,2-Dichlorobenzene	6.9	U	0.48	6.9
1,2,4-Trichlorobenzene	21	U	1.1	21
Hexachloro-1,3-butadiene	12	U	1.3	12
Naphthalene	15	U	6.0	15

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7

Lab Sample ID: 200-20955-25

Date Sampled: 02/12/2014 1701

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_014.d
Dilution:	8.0			Initial Weight/Volume:	25 mL
Analysis Date:	02/24/2014 2228			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2228			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	17		0.24	4.0
Freon 22	4.0	U	0.38	4.0
Freon-114	1.6	U	0.28	1.6
Chloromethane	4.0	U	1.1	4.0
n-Butane	4.0	U	2.3	4.0
Vinyl chloride	0.32	U	0.30	0.32
1,3-Butadiene	1.6	U	0.34	1.6
Bromomethane	1.6	U	0.22	1.6
Chloroethane	4.0	U	0.24	4.0
Vinyl bromide	1.6	U	0.24	1.6
Freon 11	3.9		0.24	1.6
Freon 113	0.55	J	0.14	1.6
1,1-Dichloroethene	1.6	U	0.19	1.6
Acetone	36	J	10	40
Isopropyl alcohol	900	E	1.7	40
Carbon disulfide	4.0	U	0.53	4.0
Allyl chloride	4.0	U	0.27	4.0
Methylene Chloride	190		1.0	4.0
tert-Butyl alcohol	40	U	2.6	40
Methyl tert-butyl ether	1.6	U	0.18	1.6
trans-1,2-Dichloroethene	1.6	U	0.23	1.6
Hexane	1.6	U	0.27	1.6
1,1-Dichloroethane	2.0		0.30	1.6
Methyl Ethyl Ketone	25		1.9	4.0
cis-1,2-Dichloroethene	1.6	U	0.30	1.6
1,2-Dichloroethene, Total	1.6	U	0.51	1.6
Chloroform	1.6	U	0.20	1.6
Tetrahydrofuran	14	J	0.37	40
1,1,1-Trichloroethane	1.6	U	0.17	1.6
Cyclohexane	2.7		0.20	1.6
Carbon tetrachloride	0.32	U	0.17	0.32
2,2,4-Trimethylpentane	1.6	U	0.22	1.6
Benzene	1.6	U	0.15	1.6
1,2-Dichloroethane	1.6	U	0.14	1.6
Heptane	1.6	U	0.37	1.6
Trichloroethene	0.32	U	0.19	0.32
Methyl methacrylate	4.0	U	0.24	4.0
1,2-Dichloropropane	1.6	U	0.26	1.6
1,4-Dioxane	40	U	1.6	40
Bromodichloromethane	1.6	U	0.14	1.6
cis-1,3-Dichloropropene	1.6	U	0.22	1.6
methyl isobutyl ketone	4.0	U	0.22	4.0
Toluene	1.8		0.14	1.6
trans-1,3-Dichloropropene	1.6	U	0.18	1.6
1,1,2-Trichloroethane	1.6	U	0.14	1.6
Tetrachloroethene	1.6	U	0.13	1.6

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7

Lab Sample ID: 200-20955-25

Date Sampled: 02/12/2014 1701

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_014.d
Dilution:	8.0			Initial Weight/Volume:	25 mL
Analysis Date:	02/24/2014 2228			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2228			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	4.0	U	1.6	4.0
Dibromochloromethane	1.6	U	0.16	1.6
1,2-Dibromoethane	1.6	U	0.16	1.6
Chlorobenzene	1.6	U	0.065	1.6
Ethylbenzene	1.6	U	0.10	1.6
m,p-Xylene	4.0	U	0.18	4.0
Xylene, o-	1.6	U	0.13	1.6
Xylene (total)	1.6	U	0.27	1.6
Styrene	1.6	U	0.14	1.6
Bromoform	1.6	U	0.080	1.6
1,1,2,2-Tetrachloroethane	1.6	U	0.13	1.6
n-Propylbenzene	1.6	U	0.64	1.6
4-Ethyltoluene	1.6	U	0.14	1.6
1,3,5-Trimethylbenzene	1.6	U	0.096	1.6
2-Chlorotoluene	1.6	U	0.10	1.6
tert-Butylbenzene	1.6	U	0.14	1.6
1,2,4-Trimethylbenzene	1.6	U	0.11	1.6
sec-Butylbenzene	1.6	U	0.64	1.6
4-Isopropyltoluene	1.6	U	0.64	1.6
1,3-Dichlorobenzene	0.65	J B	0.11	1.6
1,4-Dichlorobenzene	1.6	U	0.11	1.6
Benzyl chloride	1.6	U	0.64	1.6
n-Butylbenzene	1.6	U	0.64	1.6
1,2-Dichlorobenzene	1.6	U	0.11	1.6
1,2,4-Trichlorobenzene	4.0	U	0.22	4.0
Hexachloro-1,3-butadiene	1.6	U	0.18	1.6
Naphthalene	4.0	U	1.6	4.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	85		1.2	20
Freon 22	14	U	1.4	14
Freon-114	11	U	2.0	11
Chloromethane	8.3	U	2.2	8.3
n-Butane	9.5	U	5.4	9.5
Vinyl chloride	0.82	U	0.78	0.82
1,3-Butadiene	3.5	U	0.74	3.5
Bromomethane	6.2	U	0.87	6.2
Chloroethane	11	U	0.63	11
Vinyl bromide	7.0	U	1.0	7.0
Freon 11	22		1.3	9.0
Freon 113	4.2	J	1.1	12
1,1-Dichloroethene	6.3	U	0.76	6.3
Acetone	86	J	24	95
Isopropyl alcohol	2200	E	4.2	98
Carbon disulfide	12	U	1.6	12
Allyl chloride	13	U	0.85	13

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7

Lab Sample ID: 200-20955-25

Date Sampled: 02/12/2014 1701

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_014.d
Dilution:	8.0			Initial Weight/Volume:	25 mL
Analysis Date:	02/24/2014 2228			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2228			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	670		3.5	14
tert-Butyl alcohol	120	U	8.0	120
Methyl tert-butyl ether	5.8	U	0.63	5.8
trans-1,2-Dichloroethene	6.3	U	0.92	6.3
Hexane	5.6	U	0.96	5.6
1,1-Dichloroethane	8.3		1.2	6.5
Methyl Ethyl Ketone	73		5.7	12
cis-1,2-Dichloroethene	6.3	U	1.2	6.3
1,2-Dichloroethene, Total	6.3	U	2.0	6.3
Chloroform	7.8	U	0.98	7.8
Tetrahydrofuran	40	J	1.1	120
1,1,1-Trichloroethane	8.7	U	0.92	8.7
Cyclohexane	9.4		0.69	5.5
Carbon tetrachloride	2.0	U	1.1	2.0
2,2,4-Trimethylpentane	7.5	U	1.0	7.5
Benzene	5.1	U	0.49	5.1
1,2-Dichloroethane	6.5	U	0.55	6.5
Heptane	6.6	U	1.5	6.6
Trichloroethene	1.7	U	1.0	1.7
Methyl methacrylate	16	U	0.98	16
1,2-Dichloropropane	7.4	U	1.2	7.4
1,4-Dioxane	140	U	5.8	140
Bromodichloromethane	11	U	0.91	11
cis-1,3-Dichloropropene	7.3	U	1.0	7.3
methyl isobutyl ketone	16	U	0.88	16
Toluene	6.6		0.51	6.0
trans-1,3-Dichloropropene	7.3	U	0.80	7.3
1,1,2-Trichloroethane	8.7	U	0.74	8.7
Tetrachloroethene	11	U	0.87	11
Methyl Butyl Ketone (2-Hexanone)	16	U	6.6	16
Dibromochloromethane	14	U	1.4	14
1,2-Dibromoethane	12	U	1.2	12
Chlorobenzene	7.4	U	0.30	7.4
Ethylbenzene	6.9	U	0.45	6.9
m,p-Xylene	17	U	0.80	17
Xylene, o-	6.9	U	0.56	6.9
Xylene (total)	6.9	U	1.2	6.9
Styrene	6.8	U	0.61	6.8
Bromoform	17	U	0.83	17
1,1,2,2-Tetrachloroethane	11	U	0.88	11
n-Propylbenzene	7.9	U	3.1	7.9
4-Ethyltoluene	7.9	U	0.71	7.9
1,3,5-Trimethylbenzene	7.9	U	0.47	7.9
2-Chlorotoluene	8.3	U	0.54	8.3
tert-Butylbenzene	8.8	U	0.75	8.8
1,2,4-Trimethylbenzene	7.9	U	0.55	7.9

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7

Lab Sample ID: 200-20955-25

Date Sampled: 02/12/2014 1701

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_014.d
Dilution:	8.0			Initial Weight/Volume:	25 mL
Analysis Date:	02/24/2014 2228			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2228			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	8.8	U	3.5	8.8
4-Isopropyltoluene	8.8	U	3.5	8.8
1,3-Dichlorobenzene	3.9	J B	0.67	9.6
1,4-Dichlorobenzene	9.6	U	0.67	9.6
Benzyl chloride	8.3	U	3.3	8.3
n-Butylbenzene	8.8	U	3.5	8.8
1,2-Dichlorobenzene	9.6	U	0.67	9.6
1,2,4-Trichlorobenzene	30	U	1.6	30
Hexachloro-1,3-butadiene	17	U	1.9	17
Naphthalene	21	U	8.4	21

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7A

Lab Sample ID: 200-20955-28

Date Sampled: 02/12/2014 1806

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_015.d
Dilution:	7.49			Initial Weight/Volume:	51 mL
Analysis Date:	02/24/2014 2316			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2316			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	3.7	U	0.22	3.7
Freon 22	3.7	U	0.36	3.7
Freon-114	1.5	U	0.26	1.5
Chloromethane	3.7	U	1.0	3.7
n-Butane	3.7	U	2.1	3.7
Vinyl chloride	0.30	U	0.28	0.30
1,3-Butadiene	1.5	U	0.31	1.5
Bromomethane	1.5	U	0.21	1.5
Chloroethane	3.7	U	0.22	3.7
Vinyl bromide	1.5	U	0.22	1.5
Freon 11	1.5	U	0.22	1.5
Freon 113	0.44	J	0.13	1.5
1,1-Dichloroethene	1.5	U	0.18	1.5
Acetone	19	J	9.4	37
Isopropyl alcohol	690	E	1.6	37
Carbon disulfide	3.7	U	0.49	3.7
Allyl chloride	3.7	U	0.25	3.7
Methylene Chloride	130		0.94	3.7
tert-Butyl alcohol	37	U	2.5	37
Methyl tert-butyl ether	1.5	U	0.16	1.5
trans-1,2-Dichloroethene	1.5	U	0.22	1.5
Hexane	1.5	U	0.25	1.5
1,1-Dichloroethane	0.37	J	0.28	1.5
Methyl Ethyl Ketone	17		1.8	3.7
cis-1,2-Dichloroethene	1.5	U	0.28	1.5
1,2-Dichloroethene, Total	1.5	U	0.48	1.5
Chloroform	9.1		0.19	1.5
Tetrahydrofuran	37	U	0.34	37
1,1,1-Trichloroethane	1.3	J	0.16	1.5
Cyclohexane	2.0		0.19	1.5
Carbon tetrachloride	0.30	U	0.16	0.30
2,2,4-Trimethylpentane	1.5	U	0.20	1.5
Benzene	1.5	U	0.14	1.5
1,2-Dichloroethane	1.5	U	0.13	1.5
Heptane	1.5	U	0.34	1.5
Trichloroethene	2.7		0.18	0.30
Methyl methacrylate	3.7	U	0.22	3.7
1,2-Dichloropropane	1.5	U	0.24	1.5
1,4-Dioxane	37	U	1.5	37
Bromodichloromethane	1.5	U	0.13	1.5
cis-1,3-Dichloropropene	1.5	U	0.21	1.5
methyl isobutyl ketone	3.7	U	0.20	3.7
Toluene	1.2	J	0.13	1.5
trans-1,3-Dichloropropene	1.5	U	0.16	1.5
1,1,2-Trichloroethane	1.5	U	0.13	1.5
Tetrachloroethene	1.5	U	0.12	1.5

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7A

Lab Sample ID: 200-20955-28

Date Sampled: 02/12/2014 1806

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_015.d
Dilution:	7.49			Initial Weight/Volume:	51 mL
Analysis Date:	02/24/2014 2316			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2316			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	3.7	U	1.5	3.7
Dibromochloromethane	1.5	U	0.15	1.5
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	1.5	U	0.061	1.5
Ethylbenzene	1.5	U	0.097	1.5
m,p-Xylene	3.7	U	0.17	3.7
Xylene, o-	1.5	U	0.12	1.5
Xylene (total)	1.5	U	0.25	1.5
Styrene	1.5	U	0.13	1.5
Bromoform	1.5	U	0.075	1.5
1,1,2,2-Tetrachloroethane	1.5	U	0.12	1.5
n-Propylbenzene	1.5	U	0.60	1.5
4-Ethyltoluene	1.5	U	0.13	1.5
1,3,5-Trimethylbenzene	1.5	U	0.090	1.5
2-Chlorotoluene	1.5	U	0.097	1.5
tert-Butylbenzene	1.5	U	0.13	1.5
1,2,4-Trimethylbenzene	1.5	U	0.10	1.5
sec-Butylbenzene	1.5	U	0.60	1.5
4-Isopropyltoluene	1.5	U	0.60	1.5
1,3-Dichlorobenzene	0.72	J B	0.10	1.5
1,4-Dichlorobenzene	1.5	U	0.10	1.5
Benzyl chloride	1.5	U	0.60	1.5
n-Butylbenzene	1.5	U	0.60	1.5
1,2-Dichlorobenzene	1.5	U	0.10	1.5
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	1.5	U	0.16	1.5
Naphthalene	3.7	U	1.5	3.7

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	19	U	1.1	19
Freon 22	13	U	1.3	13
Freon-114	10	U	1.8	10
Chloromethane	7.7	U	2.1	7.7
n-Butane	8.9	U	5.0	8.9
Vinyl chloride	0.77	U	0.73	0.77
1,3-Butadiene	3.3	U	0.70	3.3
Bromomethane	5.8	U	0.81	5.8
Chloroethane	9.9	U	0.59	9.9
Vinyl bromide	6.6	U	0.98	6.6
Freon 11	8.4	U	1.3	8.4
Freon 113	3.4	J	1.0	11
1,1-Dichloroethene	5.9	U	0.71	5.9
Acetone	45	J	22	89
Isopropyl alcohol	1700	E	4.0	92
Carbon disulfide	12	U	1.5	12
Allyl chloride	12	U	0.80	12

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7A

Lab Sample ID: 200-20955-28

Date Sampled: 02/12/2014 1806

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_015.d
Dilution:	7.49			Initial Weight/Volume:	51 mL
Analysis Date:	02/24/2014 2316			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2316			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	460		3.3	13
tert-Butyl alcohol	110	U	7.4	110
Methyl tert-butyl ether	5.4	U	0.59	5.4
trans-1,2-Dichloroethene	5.9	U	0.86	5.9
Hexane	5.3	U	0.90	5.3
1,1-Dichloroethane	1.5	J	1.2	6.1
Methyl Ethyl Ketone	49		5.3	11
cis-1,2-Dichloroethene	5.9	U	1.1	5.9
1,2-Dichloroethene, Total	5.9	U	1.9	5.9
Chloroform	44		0.91	7.3
Tetrahydrofuran	110	U	1.0	110
1,1,1-Trichloroethane	7.0	J	0.86	8.2
Cyclohexane	7.0		0.64	5.2
Carbon tetrachloride	1.9	U	0.99	1.9
2,2,4-Trimethylpentane	7.0	U	0.94	7.0
Benzene	4.8	U	0.45	4.8
1,2-Dichloroethane	6.1	U	0.52	6.1
Heptane	6.1	U	1.4	6.1
Trichloroethene	14		0.97	1.6
Methyl methacrylate	15	U	0.92	15
1,2-Dichloropropane	6.9	U	1.1	6.9
1,4-Dioxane	130	U	5.4	130
Bromodichloromethane	10	U	0.85	10
cis-1,3-Dichloropropene	6.8	U	0.95	6.8
methyl isobutyl ketone	15	U	0.83	15
Toluene	4.4	J	0.48	5.6
trans-1,3-Dichloropropene	6.8	U	0.75	6.8
1,1,2-Trichloroethane	8.2	U	0.69	8.2
Tetrachloroethene	10	U	0.81	10
Methyl Butyl Ketone (2-Hexanone)	15	U	6.1	15
Dibromochloromethane	13	U	1.3	13
1,2-Dibromoethane	12	U	1.2	12
Chlorobenzene	6.9	U	0.28	6.9
Ethylbenzene	6.5	U	0.42	6.5
m,p-Xylene	16	U	0.75	16
Xylene, o-	6.5	U	0.52	6.5
Xylene (total)	6.5	U	1.1	6.5
Styrene	6.4	U	0.57	6.4
Bromoform	15	U	0.77	15
1,1,2,2-Tetrachloroethane	10	U	0.82	10
n-Propylbenzene	7.4	U	2.9	7.4
4-Ethyltoluene	7.4	U	0.66	7.4
1,3,5-Trimethylbenzene	7.4	U	0.44	7.4
2-Chlorotoluene	7.8	U	0.50	7.8
tert-Butylbenzene	8.2	U	0.70	8.2
1,2,4-Trimethylbenzene	7.4	U	0.52	7.4

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7A

Lab Sample ID: 200-20955-28

Date Sampled: 02/12/2014 1806

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_015.d
Dilution:	7.49			Initial Weight/Volume:	51 mL
Analysis Date:	02/24/2014 2316			Final Weight/Volume:	200 mL
Prep Date:	02/24/2014 2316			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	8.2	U	3.3	8.2
4-Isopropyltoluene	8.2	U	3.3	8.2
1,3-Dichlorobenzene	4.4	J B	0.63	9.0
1,4-Dichlorobenzene	9.0	U	0.63	9.0
Benzyl chloride	7.8	U	3.1	7.8
n-Butylbenzene	8.2	U	3.3	8.2
1,2-Dichlorobenzene	9.0	U	0.63	9.0
1,2,4-Trichlorobenzene	28	U	1.5	28
Hexachloro-1,3-butadiene	16	U	1.8	16
Naphthalene	20	U	7.9	20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-DUP-021214

Lab Sample ID: 200-20955-30

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_016.d
Dilution:	7.48			Initial Weight/Volume:	69 mL
Analysis Date:	02/25/2014 0004			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0004			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	3.7	U	0.22	3.7
Freon 22	3.7	U	0.36	3.7
Freon-114	1.5	U	0.26	1.5
Chloromethane	3.7	U	1.0	3.7
n-Butane	3.7	U	2.1	3.7
Vinyl chloride	0.30	U	0.28	0.30
1,3-Butadiene	1.5	U	0.31	1.5
Bromomethane	1.5	U	0.21	1.5
Chloroethane	3.7	U	0.22	3.7
Vinyl bromide	1.5	U	0.22	1.5
Freon 11	1.5	U	0.22	1.5
Freon 113	0.70	J	0.13	1.5
1,1-Dichloroethene	1.5	U	0.18	1.5
Acetone	31	J	9.4	37
Isopropyl alcohol	1200	E	1.6	37
Carbon disulfide	3.7	U	0.49	3.7
Allyl chloride	3.7	U	0.25	3.7
Methylene Chloride	210		0.94	3.7
tert-Butyl alcohol	37	U	2.5	37
Methyl tert-butyl ether	1.5	U	0.16	1.5
trans-1,2-Dichloroethene	1.5	U	0.22	1.5
Hexane	0.94	J	0.25	1.5
1,1-Dichloroethane	0.49	J	0.28	1.5
Methyl Ethyl Ketone	28		1.8	3.7
cis-1,2-Dichloroethene	1.5	U	0.28	1.5
1,2-Dichloroethene, Total	1.5	U	0.48	1.5
Chloroform	14		0.19	1.5
Tetrahydrofuran	20	J	0.34	37
1,1,1-Trichloroethane	1.9		0.16	1.5
Cyclohexane	3.2		0.19	1.5
Carbon tetrachloride	0.30	U	0.16	0.30
2,2,4-Trimethylpentane	1.5	U	0.20	1.5
Benzene	0.44	J	0.14	1.5
1,2-Dichloroethane	1.5	U	0.13	1.5
Heptane	1.5	U	0.34	1.5
Trichloroethene	3.8		0.18	0.30
Methyl methacrylate	3.7	U	0.22	3.7
1,2-Dichloropropane	1.5	U	0.24	1.5
1,4-Dioxane	37	U	1.5	37
Bromodichloromethane	1.5	U	0.13	1.5
cis-1,3-Dichloropropene	1.5	U	0.21	1.5
methyl isobutyl ketone	3.7	U	0.20	3.7
Toluene	1.8		0.13	1.5
trans-1,3-Dichloropropene	1.5	U	0.16	1.5
1,1,2-Trichloroethane	1.5	U	0.13	1.5
Tetrachloroethene	1.5	U	0.12	1.5

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-DUP-021214

Lab Sample ID: 200-20955-30

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_016.d
Dilution:	7.48			Initial Weight/Volume:	69 mL
Analysis Date:	02/25/2014 0004			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0004			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	3.7	U	1.5	3.7
Dibromochloromethane	1.5	U	0.15	1.5
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	1.5	U	0.061	1.5
Ethylbenzene	0.15	J	0.097	1.5
m,p-Xylene	3.7	U	0.17	3.7
Xylene, o-	1.5	U	0.12	1.5
Xylene (total)	1.5	U	0.25	1.5
Styrene	0.23	J	0.13	1.5
Bromoform	1.5	U	0.075	1.5
1,1,2,2-Tetrachloroethane	1.5	U	0.12	1.5
n-Propylbenzene	1.5	U	0.60	1.5
4-Ethyltoluene	1.5	U	0.13	1.5
1,3,5-Trimethylbenzene	1.5	U	0.090	1.5
2-Chlorotoluene	1.5	U	0.097	1.5
tert-Butylbenzene	1.5	U	0.13	1.5
1,2,4-Trimethylbenzene	1.5	U	0.10	1.5
sec-Butylbenzene	1.5	U	0.60	1.5
4-Isopropyltoluene	1.5	U	0.60	1.5
1,3-Dichlorobenzene	1.2	J B	0.10	1.5
1,4-Dichlorobenzene	1.5	U	0.10	1.5
Benzyl chloride	1.5	U	0.60	1.5
n-Butylbenzene	1.5	U	0.60	1.5
1,2-Dichlorobenzene	1.5	U	0.10	1.5
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	1.5	U	0.16	1.5
Naphthalene	3.7	U	1.5	3.7

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	18	U	1.1	18
Freon 22	13	U	1.3	13
Freon-114	10	U	1.8	10
Chloromethane	7.7	U	2.1	7.7
n-Butane	8.9	U	5.0	8.9
Vinyl chloride	0.76	U	0.73	0.76
1,3-Butadiene	3.3	U	0.70	3.3
Bromomethane	5.8	U	0.81	5.8
Chloroethane	9.9	U	0.59	9.9
Vinyl bromide	6.5	U	0.98	6.5
Freon 11	8.4	U	1.3	8.4
Freon 113	5.4	J	1.0	11
1,1-Dichloroethene	5.9	U	0.71	5.9
Acetone	74	J	22	89
Isopropyl alcohol	2900	E	4.0	92
Carbon disulfide	12	U	1.5	12
Allyl chloride	12	U	0.80	12

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-DUP-021214

Lab Sample ID: 200-20955-30

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_016.d
Dilution:	7.48			Initial Weight/Volume:	69 mL
Analysis Date:	02/25/2014 0004			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0004			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	720		3.2	13
tert-Butyl alcohol	110	U	7.4	110
Methyl tert-butyl ether	5.4	U	0.59	5.4
trans-1,2-Dichloroethene	5.9	U	0.86	5.9
Hexane	3.3	J	0.90	5.3
1,1-Dichloroethane	2.0	J	1.2	6.1
Methyl Ethyl Ketone	82		5.3	11
cis-1,2-Dichloroethene	5.9	U	1.1	5.9
1,2-Dichloroethene, Total	5.9	U	1.9	5.9
Chloroform	69		0.91	7.3
Tetrahydrofuran	58	J	1.0	110
1,1,1-Trichloroethane	10		0.86	8.2
Cyclohexane	11		0.64	5.1
Carbon tetrachloride	1.9	U	0.99	1.9
2,2,4-Trimethylpentane	7.0	U	0.94	7.0
Benzene	1.4	J	0.45	4.8
1,2-Dichloroethane	6.1	U	0.51	6.1
Heptane	6.1	U	1.4	6.1
Trichloroethene	21		0.96	1.6
Methyl methacrylate	15	U	0.92	15
1,2-Dichloropropane	6.9	U	1.1	6.9
1,4-Dioxane	130	U	5.4	130
Bromodichloromethane	10	U	0.85	10
cis-1,3-Dichloropropene	6.8	U	0.95	6.8
methyl isobutyl ketone	15	U	0.83	15
Toluene	6.9		0.48	5.6
trans-1,3-Dichloropropene	6.8	U	0.75	6.8
1,1,2-Trichloroethane	8.2	U	0.69	8.2
Tetrachloroethene	10	U	0.81	10
Methyl Butyl Ketone (2-Hexanone)	15	U	6.1	15
Dibromochloromethane	13	U	1.3	13
1,2-Dibromoethane	11	U	1.1	11
Chlorobenzene	6.9	U	0.28	6.9
Ethylbenzene	0.65	J	0.42	6.5
m,p-Xylene	16	U	0.75	16
Xylene, o-	6.5	U	0.52	6.5
Xylene (total)	6.5	U	1.1	6.5
Styrene	0.98	J	0.57	6.4
Bromoform	15	U	0.77	15
1,1,2,2-Tetrachloroethane	10	U	0.82	10
n-Propylbenzene	7.4	U	2.9	7.4
4-Ethyltoluene	7.4	U	0.66	7.4
1,3,5-Trimethylbenzene	7.4	U	0.44	7.4
2-Chlorotoluene	7.7	U	0.50	7.7
tert-Butylbenzene	8.2	U	0.70	8.2
1,2,4-Trimethylbenzene	7.4	U	0.51	7.4

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-DUP-021214

Lab Sample ID: 200-20955-30

Date Sampled: 02/12/2014 0000

Client Matrix: Air

Date Received: 02/14/2014 1320

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_016.d
Dilution:	7.48			Initial Weight/Volume:	69 mL
Analysis Date:	02/25/2014 0004			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0004			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	8.2	U	3.3	8.2
4-Isopropyltoluene	8.2	U	3.3	8.2
1,3-Dichlorobenzene	7.5	J B	0.63	9.0
1,4-Dichlorobenzene	9.0	U	0.63	9.0
Benzyl chloride	7.7	U	3.1	7.7
n-Butylbenzene	8.2	U	3.3	8.2
1,2-Dichlorobenzene	9.0	U	0.63	9.0
1,2,4-Trichlorobenzene	28	U	1.5	28
Hexachloro-1,3-butadiene	16	U	1.8	16
Naphthalene	20	U	7.8	20

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7B

Lab Sample ID: 200-20969-1

Date Sampled: 02/13/2014 1658

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_020.d
Dilution:	23.8			Initial Weight/Volume:	35 mL
Analysis Date:	02/25/2014 0322			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0322			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Freon 12	12	U	0.71	12
Freon 22	12	U	1.1	12
Freon-114	4.8	U	0.83	4.8
Chloromethane	12	U	3.2	12
n-Butane	12	U	6.7	12
Vinyl chloride	0.95	U	0.90	0.95
1,3-Butadiene	4.8	U	1.0	4.8
Bromomethane	4.8	U	0.67	4.8
Chloroethane	12	U	0.71	12
Vinyl bromide	4.8	U	0.71	4.8
Freon 11	4.8	U	0.71	4.8
Freon 113	4.8	U	0.43	4.8
1,1-Dichloroethene	4.8	U	0.57	4.8
Acetone	120	U	30	120
Isopropyl alcohol	460		5.1	120
Carbon disulfide	12	U	1.6	12
Allyl chloride	12	U	0.81	12
Methylene Chloride	58		3.0	12
tert-Butyl alcohol	120	U	7.8	120
Methyl tert-butyl ether	4.8	U	0.52	4.8
trans-1,2-Dichloroethene	4.8	U	0.69	4.8
Hexane	4.8	U	0.81	4.8
1,1-Dichloroethane	4.8	U	0.90	4.8
Methyl Ethyl Ketone	12	U	5.8	12
cis-1,2-Dichloroethene	4.8	U	0.90	4.8
1,2-Dichloroethene, Total	4.8	U	1.5	4.8
Chloroform	2.5	J	0.60	4.8
Tetrahydrofuran	120	U	1.1	120
1,1,1-Trichloroethane	4.8	U	0.50	4.8
Cyclohexane	4.8	U	0.60	4.8
Carbon tetrachloride	0.95	U	0.50	0.95
2,2,4-Trimethylpentane	4.8	U	0.64	4.8
Benzene	4.8	U	0.45	4.8
1,2-Dichloroethane	4.8	U	0.40	4.8
Heptane	4.8	U	1.1	4.8
Trichloroethene	0.95	U	0.57	0.95
Methyl methacrylate	12	U	0.71	12
1,2-Dichloropropane	4.8	U	0.76	4.8
1,4-Dioxane	120	U	4.8	120
Bromodichloromethane	4.8	U	0.40	4.8
cis-1,3-Dichloropropene	4.8	U	0.67	4.8
methyl isobutyl ketone	12	U	0.64	12
Toluene	4.8	U	0.40	4.8
trans-1,3-Dichloropropene	4.8	U	0.52	4.8
1,1,2-Trichloroethane	4.8	U	0.40	4.8
Tetrachloroethene	4.8	U	0.38	4.8

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7B

Lab Sample ID: 200-20969-1

Date Sampled: 02/13/2014 1658

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_020.d
Dilution:	23.8			Initial Weight/Volume:	35 mL
Analysis Date:	02/25/2014 0322			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0322			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Methyl Butyl Ketone (2-Hexanone)	12	U	4.8	12
Dibromochloromethane	4.8	U	0.48	4.8
1,2-Dibromoethane	4.8	U	0.48	4.8
Chlorobenzene	4.8	U	0.19	4.8
Ethylbenzene	4.8	U	0.31	4.8
m,p-Xylene	12	U	0.55	12
Xylene, o-	4.8	U	0.38	4.8
Xylene (total)	4.8	U	0.81	4.8
Styrene	4.8	U	0.43	4.8
Bromoform	4.8	U	0.24	4.8
1,1,2,2-Tetrachloroethane	4.8	U	0.38	4.8
n-Propylbenzene	4.8	U	1.9	4.8
4-Ethyltoluene	4.8	U	0.43	4.8
1,3,5-Trimethylbenzene	4.8	U	0.29	4.8
2-Chlorotoluene	4.8	U	0.31	4.8
tert-Butylbenzene	4.8	U	0.40	4.8
1,2,4-Trimethylbenzene	4.8	U	0.33	4.8
sec-Butylbenzene	4.8	U	1.9	4.8
4-Isopropyltoluene	4.8	U	1.9	4.8
1,3-Dichlorobenzene	2.1	J B	0.33	4.8
1,4-Dichlorobenzene	4.8	U	0.33	4.8
Benzyl chloride	4.8	U	1.9	4.8
n-Butylbenzene	4.8	U	1.9	4.8
1,2-Dichlorobenzene	4.8	U	0.33	4.8
1,2,4-Trichlorobenzene	12	U	0.64	12
Hexachloro-1,3-butadiene	4.8	U	0.52	4.8
Naphthalene	12	U	4.8	12

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Freon 12	59	U	3.5	59
Freon 22	42	U	4.0	42
Freon-114	33	U	5.8	33
Chloromethane	25	U	6.7	25
n-Butane	28	U	16	28
Vinyl chloride	2.4	U	2.3	2.4
1,3-Butadiene	11	U	2.2	11
Bromomethane	18	U	2.6	18
Chloroethane	31	U	1.9	31
Vinyl bromide	21	U	3.1	21
Freon 11	27	U	4.0	27
Freon 113	36	U	3.3	36
1,1-Dichloroethene	19	U	2.3	19
Acetone	280	U	71	280
Isopropyl alcohol	1100		13	290
Carbon disulfide	37	U	4.9	37
Allyl chloride	37	U	2.5	37

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7B

Lab Sample ID: 200-20969-1

Date Sampled: 02/13/2014 1658

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_020.d
Dilution:	23.8			Initial Weight/Volume:	35 mL
Analysis Date:	02/25/2014 0322			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0322			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Methylene Chloride	200		10	41
tert-Butyl alcohol	360	U	24	360
Methyl tert-butyl ether	17	U	1.9	17
trans-1,2-Dichloroethene	19	U	2.7	19
Hexane	17	U	2.9	17
1,1-Dichloroethane	19	U	3.7	19
Methyl Ethyl Ketone	35	U	17	35
cis-1,2-Dichloroethene	19	U	3.6	19
1,2-Dichloroethene, Total	19	U	6.0	19
Chloroform	12	J	2.9	23
Tetrahydrofuran	350	U	3.2	350
1,1,1-Trichloroethane	26	U	2.7	26
Cyclohexane	16	U	2.0	16
Carbon tetrachloride	6.0	U	3.1	6.0
2,2,4-Trimethylpentane	22	U	3.0	22
Benzene	15	U	1.4	15
1,2-Dichloroethane	19	U	1.6	19
Heptane	20	U	4.5	20
Trichloroethene	5.1	U	3.1	5.1
Methyl methacrylate	49	U	2.9	49
1,2-Dichloropropane	22	U	3.5	22
1,4-Dioxane	430	U	17	430
Bromodichloromethane	32	U	2.7	32
cis-1,3-Dichloropropene	22	U	3.0	22
methyl isobutyl ketone	49	U	2.6	49
Toluene	18	U	1.5	18
trans-1,3-Dichloropropene	22	U	2.4	22
1,1,2-Trichloroethane	26	U	2.2	26
Tetrachloroethene	32	U	2.6	32
Methyl Butyl Ketone (2-Hexanone)	49	U	20	49
Dibromochloromethane	41	U	4.1	41
1,2-Dibromoethane	37	U	3.7	37
Chlorobenzene	22	U	0.89	22
Ethylbenzene	21	U	1.3	21
m,p-Xylene	52	U	2.4	52
Xylene, o-	21	U	1.7	21
Xylene (total)	21	U	3.5	21
Styrene	20	U	1.8	20
Bromoform	49	U	2.5	49
1,1,2,2-Tetrachloroethane	33	U	2.6	33
n-Propylbenzene	23	U	9.4	23
4-Ethyltoluene	23	U	2.1	23
1,3,5-Trimethylbenzene	23	U	1.4	23
2-Chlorotoluene	25	U	1.6	25
tert-Butylbenzene	26	U	2.2	26
1,2,4-Trimethylbenzene	23	U	1.6	23

Analytical Data

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Client Sample ID: SS-VMP-7B

Lab Sample ID: 200-20969-1

Date Sampled: 02/13/2014 1658

Client Matrix: Air

Date Received: 02/17/2014 0940

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-68730	Instrument ID:	CHW.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6282_020.d
Dilution:	23.8			Initial Weight/Volume:	35 mL
Analysis Date:	02/25/2014 0322			Final Weight/Volume:	200 mL
Prep Date:	02/25/2014 0322			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	MDL	RL
sec-Butylbenzene	26	U	10	26
4-Isopropyltoluene	26	U	10	26
1,3-Dichlorobenzene	13	J B	2.0	29
1,4-Dichlorobenzene	29	U	2.0	29
Benzyl chloride	25	U	9.9	25
n-Butylbenzene	26	U	10	26
1,2-Dichlorobenzene	29	U	2.0	29
1,2,4-Trichlorobenzene	88	U	4.8	88
Hexachloro-1,3-butadiene	51	U	5.6	51
Naphthalene	62	U	25	62

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.20	U	0.014	0.20
1,4-Dichlorobenzene	0.20	U	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68679/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1323
 Prep Date: 02/21/2014 1323
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHG.i
 Lab File ID: 6267_004.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	1.2	U	0.084	1.2
1,4-Dichlorobenzene	1.2	U	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2
Sdg Number: 200-20955-2

Lab Control Sample - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68679/3
Client Matrix: Air
Dilution: 1.0
Analysis Date: 02/21/2014 1236
Prep Date: 02/21/2014 1236
Leach Date: N/A

Analysis Batch: 200-68679
Prep Batch: N/A
Leach Batch: N/A
Units: ppb v/v

Instrument ID: CHG.i
Lab File ID: 6267_003.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 200 mL
Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	8.98	90	70 - 130	
Freon 22	10.0	8.83	88	70 - 130	
Freon-114	10.0	9.89	99	70 - 130	
Chloromethane	10.0	8.50	85	70 - 130	
n-Butane	10.0	8.85	89	70 - 130	
Vinyl chloride	10.0	8.30	83	70 - 130	
1,3-Butadiene	10.0	8.47	85	70 - 130	
Bromomethane	10.0	9.02	90	70 - 130	
Chloroethane	10.0	8.92	89	70 - 130	
Vinyl bromide	10.0	9.04	90	70 - 130	
Freon 11	10.0	8.79	88	70 - 130	
Freon 113	10.0	9.04	90	70 - 130	
1,1-Dichloroethene	10.0	8.79	88	70 - 130	
Acetone	10.0	11.2	112	70 - 130	
Isopropyl alcohol	10.0	7.72	77	70 - 130	
Carbon disulfide	10.0	10.2	102	70 - 130	
Allyl chloride	10.0	8.56	86	70 - 130	
Methylene Chloride	10.0	8.89	89	70 - 130	
tert-Butyl alcohol	10.0	8.24	82	70 - 130	
Methyl tert-butyl ether	10.0	9.10	91	70 - 130	
trans-1,2-Dichloroethene	10.0	9.62	96	70 - 130	
Hexane	10.0	9.59	96	70 - 130	
1,1-Dichloroethane	10.0	9.09	91	70 - 130	
Methyl Ethyl Ketone	10.0	8.96	90	70 - 130	
cis-1,2-Dichloroethene	10.0	8.92	89	70 - 130	
Chloroform	10.0	9.06	91	70 - 130	
Tetrahydrofuran	10.0	9.27	93	70 - 130	
1,1,1-Trichloroethane	10.0	9.11	91	70 - 130	
Cyclohexane	10.0	9.16	92	70 - 130	
Carbon tetrachloride	10.0	9.01	90	70 - 130	
2,2,4-Trimethylpentane	10.0	9.02	90	70 - 130	
Benzene	10.0	9.03	90	70 - 130	
1,2-Dichloroethane	10.0	9.05	90	70 - 130	
Heptane	10.0	8.72	87	70 - 130	
Trichloroethene	10.0	8.88	89	70 - 130	
Methyl methacrylate	10.0	9.86	99	70 - 130	
1,2-Dichloropropane	10.0	9.10	91	70 - 130	
1,4-Dioxane	10.0	8.27	83	70 - 130	
Bromodichloromethane	10.0	9.43	94	70 - 130	
cis-1,3-Dichloropropene	10.0	9.53	95	70 - 130	
methyl isobutyl ketone	10.0	9.16	92	70 - 130	
Toluene	10.0	9.06	91	70 - 130	
trans-1,3-Dichloropropene	10.0	9.56	96	70 - 130	
1,1,2-Trichloroethane	10.0	9.05	91	70 - 130	
Tetrachloroethene	10.0	8.97	90	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.24	92	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Control Sample - Batch: 200-68679

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68679/3
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/21/2014 1236
 Prep Date: 02/21/2014 1236
 Leach Date: N/A

Analysis Batch: 200-68679
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHG.i
 Lab File ID: 6267_003.D
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.38	94	70 - 130	
1,2-Dibromoethane	10.0	9.47	95	70 - 130	
Chlorobenzene	10.0	9.21	92	70 - 130	
Ethylbenzene	10.0	9.13	91	70 - 130	
m,p-Xylene	20.0	18.2	91	70 - 130	
Xylene, o-	10.0	8.98	90	70 - 130	
Styrene	10.0	9.67	97	70 - 130	
Bromoform	10.0	9.91	99	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.17	92	70 - 130	
n-Propylbenzene	10.0	9.19	92	70 - 130	
4-Ethyltoluene	10.0	9.45	94	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.06	91	70 - 130	
2-Chlorotoluene	10.0	9.02	90	70 - 130	
tert-Butylbenzene	10.0	8.91	89	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.21	92	70 - 130	
sec-Butylbenzene	10.0	9.09	91	70 - 130	
4-Isopropyltoluene	10.0	9.26	93	70 - 130	
1,3-Dichlorobenzene	10.0	9.97	100	70 - 130	
1,4-Dichlorobenzene	10.0	10.0	100	70 - 130	
Benzyl chloride	10.0	9.43	94	70 - 130	
n-Butylbenzene	10.0	9.42	94	70 - 130	
1,2-Dichlorobenzene	10.0	9.72	97	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.29	93	70 - 130	
Hexachloro-1,3-butadiene	10.0	12.1	121	70 - 130	
Naphthalene	10.0	8.79	88	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	0.50	U	0.030	0.50
Freon 22	0.50	U	0.048	0.50
Freon-114	0.20	U	0.035	0.20
Chloromethane	0.50	U	0.14	0.50
n-Butane	0.50	U	0.28	0.50
Vinyl chloride	0.040	U	0.038	0.040
1,3-Butadiene	0.20	U	0.042	0.20
Bromomethane	0.20	U	0.028	0.20
Chloroethane	0.50	U	0.030	0.50
Vinyl bromide	0.20	U	0.030	0.20
Freon 11	0.20	U	0.030	0.20
Freon 113	0.20	U	0.018	0.20
1,1-Dichloroethene	0.20	U	0.024	0.20
Acetone	5.0	U	1.3	5.0
Isopropyl alcohol	5.0	U	0.22	5.0
Carbon disulfide	0.50	U	0.066	0.50
Allyl chloride	0.50	U	0.034	0.50
Methylene Chloride	0.50	U	0.13	0.50
tert-Butyl alcohol	5.0	U	0.33	5.0
Methyl tert-butyl ether	0.20	U	0.022	0.20
trans-1,2-Dichloroethene	0.20	U	0.029	0.20
Hexane	0.20	U	0.034	0.20
1,1-Dichloroethane	0.20	U	0.038	0.20
Methyl Ethyl Ketone	0.50	U	0.24	0.50
cis-1,2-Dichloroethene	0.20	U	0.038	0.20
1,2-Dichloroethene, Total	0.20	U	0.064	0.20
Chloroform	0.20	U	0.025	0.20
Tetrahydrofuran	5.0	U	0.046	5.0
1,1,1-Trichloroethane	0.20	U	0.021	0.20
Cyclohexane	0.20	U	0.025	0.20
Carbon tetrachloride	0.040	U	0.021	0.040
2,2,4-Trimethylpentane	0.20	U	0.027	0.20
Benzene	0.20	U	0.019	0.20
1,2-Dichloroethane	0.20	U	0.017	0.20
Heptane	0.20	U	0.046	0.20
Trichloroethene	0.040	U	0.024	0.040
Methyl methacrylate	0.50	U	0.030	0.50
1,2-Dichloropropane	0.20	U	0.032	0.20
1,4-Dioxane	5.0	U	0.20	5.0
Bromodichloromethane	0.20	U	0.017	0.20
cis-1,3-Dichloropropene	0.20	U	0.028	0.20
methyl isobutyl ketone	0.50	U	0.027	0.50
Toluene	0.20	U	0.017	0.20
trans-1,3-Dichloropropene	0.20	U	0.022	0.20
1,1,2-Trichloroethane	0.20	U	0.017	0.20

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	0.20	U	0.016	0.20
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.20	0.50
Dibromochloromethane	0.20	U	0.020	0.20
1,2-Dibromoethane	0.20	U	0.020	0.20
Chlorobenzene	0.20	U	0.0081	0.20
Ethylbenzene	0.20	U	0.013	0.20
m,p-Xylene	0.50	U	0.023	0.50
Xylene, o-	0.20	U	0.016	0.20
Xylene (total)	0.20	U	0.034	0.20
Styrene	0.20	U	0.018	0.20
Bromoform	0.20	U	0.010	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.016	0.20
n-Propylbenzene	0.20	U	0.080	0.20
4-Ethyltoluene	0.20	U	0.018	0.20
1,3,5-Trimethylbenzene	0.20	U	0.012	0.20
2-Chlorotoluene	0.20	U	0.013	0.20
tert-Butylbenzene	0.20	U	0.017	0.20
1,2,4-Trimethylbenzene	0.20	U	0.014	0.20
sec-Butylbenzene	0.20	U	0.080	0.20
4-Isopropyltoluene	0.20	U	0.080	0.20
1,3-Dichlorobenzene	0.0272	J	0.014	0.20
1,4-Dichlorobenzene	0.0353	J	0.014	0.20
Benzyl chloride	0.20	U	0.080	0.20
n-Butylbenzene	0.20	U	0.080	0.20
1,2-Dichlorobenzene	0.20	U	0.014	0.20
1,2,4-Trichlorobenzene	0.50	U	0.027	0.50
Hexachloro-1,3-butadiene	0.20	U	0.022	0.20
Naphthalene	0.50	U	0.20	0.50

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Freon 12	2.5	U	0.15	2.5
Freon 22	1.8	U	0.17	1.8
Freon-114	1.4	U	0.24	1.4
Chloromethane	1.0	U	0.28	1.0
n-Butane	1.2	U	0.67	1.2
Vinyl chloride	0.10	U	0.097	0.10
1,3-Butadiene	0.44	U	0.093	0.44
Bromomethane	0.78	U	0.11	0.78
Chloroethane	1.3	U	0.079	1.3
Vinyl bromide	0.87	U	0.13	0.87
Freon 11	1.1	U	0.17	1.1
Freon 113	1.5	U	0.14	1.5
1,1-Dichloroethene	0.79	U	0.095	0.79
Acetone	12	U	3.0	12
Isopropyl alcohol	12	U	0.53	12
Carbon disulfide	1.6	U	0.21	1.6
Allyl chloride	1.6	U	0.11	1.6
Methylene Chloride	1.7	U	0.43	1.7
tert-Butyl alcohol	15	U	0.99	15
Methyl tert-butyl ether	0.72	U	0.079	0.72
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
Hexane	0.70	U	0.12	0.70
1,1-Dichloroethane	0.81	U	0.15	0.81
Methyl Ethyl Ketone	1.5	U	0.71	1.5
cis-1,2-Dichloroethene	0.79	U	0.15	0.79
1,2-Dichloroethene, Total	0.79	U	0.25	0.79
Chloroform	0.98	U	0.12	0.98
Tetrahydrofuran	15	U	0.14	15
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Cyclohexane	0.69	U	0.086	0.69
Carbon tetrachloride	0.25	U	0.13	0.25
2,2,4-Trimethylpentane	0.93	U	0.13	0.93
Benzene	0.64	U	0.061	0.64
1,2-Dichloroethane	0.81	U	0.069	0.81
Heptane	0.82	U	0.19	0.82
Trichloroethene	0.21	U	0.13	0.21
Methyl methacrylate	2.0	U	0.12	2.0
1,2-Dichloropropane	0.92	U	0.15	0.92
1,4-Dioxane	18	U	0.72	18
Bromodichloromethane	1.3	U	0.11	1.3
cis-1,3-Dichloropropene	0.91	U	0.13	0.91
methyl isobutyl ketone	2.0	U	0.11	2.0
Toluene	0.75	U	0.064	0.75
trans-1,3-Dichloropropene	0.91	U	0.10	0.91
1,1,2-Trichloroethane	1.1	U	0.093	1.1

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Method Blank - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-68730/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1346
 Prep Date: 02/24/2014 1346
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: CHW.i
 Lab File ID: 6282_004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	MDL	RL
Tetrachloroethene	1.4	U	0.11	1.4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	0.82	2.0
Dibromochloromethane	1.7	U	0.17	1.7
1,2-Dibromoethane	1.5	U	0.15	1.5
Chlorobenzene	0.92	U	0.037	0.92
Ethylbenzene	0.87	U	0.056	0.87
m,p-Xylene	2.2	U	0.10	2.2
Xylene, o-	0.87	U	0.069	0.87
Xylene (total)	0.87	U	0.15	0.87
Styrene	0.85	U	0.077	0.85
Bromoform	2.1	U	0.10	2.1
1,1,2,2-Tetrachloroethane	1.4	U	0.11	1.4
n-Propylbenzene	0.98	U	0.39	0.98
4-Ethyltoluene	0.98	U	0.088	0.98
1,3,5-Trimethylbenzene	0.98	U	0.059	0.98
2-Chlorotoluene	1.0	U	0.067	1.0
tert-Butylbenzene	1.1	U	0.093	1.1
1,2,4-Trimethylbenzene	0.98	U	0.069	0.98
sec-Butylbenzene	1.1	U	0.44	1.1
4-Isopropyltoluene	1.1	U	0.44	1.1
1,3-Dichlorobenzene	0.163	J	0.084	1.2
1,4-Dichlorobenzene	0.212	J	0.084	1.2
Benzyl chloride	1.0	U	0.41	1.0
n-Butylbenzene	1.1	U	0.44	1.1
1,2-Dichlorobenzene	1.2	U	0.084	1.2
1,2,4-Trichlorobenzene	3.7	U	0.20	3.7
Hexachloro-1,3-butadiene	2.1	U	0.23	2.1
Naphthalene	2.6	U	1.0	2.6

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Control Sample - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68730/3	Analysis Batch: 200-68730	Instrument ID: CHW.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: 6282_003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 02/24/2014 1229	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 02/24/2014 1229		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Freon 12	10.0	8.87	89	70 - 130	
Freon 22	10.0	8.79	88	70 - 130	
Freon-114	10.0	9.45	95	70 - 130	
Chloromethane	10.0	8.46	85	70 - 130	
n-Butane	10.0	9.17	92	70 - 130	
Vinyl chloride	10.0	8.29	83	70 - 130	
1,3-Butadiene	10.0	8.98	90	70 - 130	
Bromomethane	10.0	8.31	83	70 - 130	
Chloroethane	10.0	8.51	85	70 - 130	
Vinyl bromide	10.0	9.15	92	70 - 130	
Freon 11	10.0	8.59	86	70 - 130	
Freon 113	10.0	8.70	87	70 - 130	
1,1-Dichloroethene	10.0	9.34	93	70 - 130	
Acetone	10.0	9.94	99	70 - 130	
Isopropyl alcohol	10.0	8.46	85	70 - 130	
Carbon disulfide	10.0	10.3	103	70 - 130	
Allyl chloride	10.0	9.58	96	70 - 130	
Methylene Chloride	10.0	8.94	89	70 - 130	
tert-Butyl alcohol	10.0	8.99	90	70 - 130	
Methyl tert-butyl ether	10.0	10.6	106	70 - 130	
trans-1,2-Dichloroethene	10.0	9.87	99	70 - 130	
Hexane	10.0	11.1	111	70 - 130	
1,1-Dichloroethane	10.0	8.75	87	70 - 130	
Methyl Ethyl Ketone	10.0	9.47	95	70 - 130	
cis-1,2-Dichloroethene	10.0	9.53	95	70 - 130	
Chloroform	10.0	8.94	89	70 - 130	
Tetrahydrofuran	10.0	9.51	95	70 - 130	
1,1,1-Trichloroethane	10.0	8.99	90	70 - 130	
Cyclohexane	10.0	10.2	102	70 - 130	
Carbon tetrachloride	10.0	8.59	86	70 - 130	
2,2,4-Trimethylpentane	10.0	10.5	105	70 - 130	
Benzene	10.0	9.01	90	70 - 130	
1,2-Dichloroethane	10.0	9.08	91	70 - 130	
Heptane	10.0	10.5	105	70 - 130	
Trichloroethene	10.0	9.44	94	70 - 130	
Methyl methacrylate	10.0	9.95	100	70 - 130	
1,2-Dichloropropane	10.0	9.06	91	70 - 130	
1,4-Dioxane	10.0	8.81	88	70 - 130	
Bromodichloromethane	10.0	9.00	90	70 - 130	
cis-1,3-Dichloropropene	10.0	10.5	105	70 - 130	
methyl isobutyl ketone	10.0	9.70	97	70 - 130	
Toluene	10.0	9.69	97	70 - 130	
trans-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
1,1,2-Trichloroethane	10.0	9.17	92	70 - 130	
Tetrachloroethene	10.0	9.22	92	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.74	97	70 - 130	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Control Sample - Batch: 200-68730

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-68730/3
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 02/24/2014 1229
 Prep Date: 02/24/2014 1229
 Leach Date: N/A

Analysis Batch: 200-68730
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: CHW.i
 Lab File ID: 6282_003.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	10.0	9.14	91	70 - 130	
1,2-Dibromoethane	10.0	9.57	96	70 - 130	
Chlorobenzene	10.0	8.91	89	70 - 130	
Ethylbenzene	10.0	9.74	97	70 - 130	
m,p-Xylene	20.0	19.0	95	70 - 130	
Xylene, o-	10.0	10.2	102	70 - 130	
Styrene	10.0	10.3	103	70 - 130	
Bromoform	10.0	9.24	92	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	8.76	88	70 - 130	
n-Propylbenzene	10.0	9.84	98	70 - 130	
4-Ethyltoluene	10.0	9.67	97	70 - 130	
1,3,5-Trimethylbenzene	10.0	9.32	93	70 - 130	
2-Chlorotoluene	10.0	9.09	91	70 - 130	
tert-Butylbenzene	10.0	9.50	95	70 - 130	
1,2,4-Trimethylbenzene	10.0	9.60	96	70 - 130	
sec-Butylbenzene	10.0	9.52	95	70 - 130	
4-Isopropyltoluene	10.0	9.81	98	70 - 130	
1,3-Dichlorobenzene	10.0	9.12	91	70 - 130	
1,4-Dichlorobenzene	10.0	9.63	96	70 - 130	
Benzyl chloride	10.0	9.76	98	70 - 130	
n-Butylbenzene	10.0	9.20	92	70 - 130	
1,2-Dichlorobenzene	10.0	9.05	91	70 - 130	
1,2,4-Trichlorobenzene	10.0	8.37	84	70 - 130	
Hexachloro-1,3-butadiene	10.0	8.77	88	70 - 130	
Naphthalene	10.0	8.30	83	70 - 130	

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

Lab Section	Qualifier	Description
Air - GC/MS VOA	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

Sdg Number: 200-20955-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-68679					
LCS 200-68679/3	Lab Control Sample	T	Air	TO-15	
MB 200-68679/4	Method Blank	T	Air	TO-15	
Analysis Batch:200-68730					
LCS 200-68730/3	Lab Control Sample	T	Air	TO-15	
MB 200-68730/4	Method Blank	T	Air	TO-15	
200-20955-20	SS-VMP-3E	T	Air	TO-15	
200-20955-22	SS-VMP-4	T	Air	TO-15	
200-20955-24	SS-VMP-5A	T	Air	TO-15	
200-20955-25	SS-VMP-7	T	Air	TO-15	
200-20955-28	SS-VMP-7A	T	Air	TO-15	
200-20955-30	SS-DUP-021214	T	Air	TO-15	
200-20969-1	SS-VMP-7B	T	Air	TO-15	
Analysis Batch:200-68745					
200-20955-2	SS-VMP-1B	T	Air	TO-15	
200-20955-4	SS-VMP-2B	T	Air	TO-15	
200-20955-6	SS-VMP-2C	T	Air	TO-15	
200-20955-8	SS-VMP-3A	T	Air	TO-15	
200-20955-10	SS-VMP-3B	T	Air	TO-15	
200-20955-12	SS-VMP-3D	T	Air	TO-15	
200-20955-14	SS-VMP-5B	T	Air	TO-15	
200-20955-16	SS-VMP-6A	T	Air	TO-15	
200-20955-18	SS-VMP-6B	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2
SDG: 200-20955-2

Laboratory Chronicle

Lab ID: 200-20955-2

Client ID: SS-VMP-1B

Sample Date/Time: 02/12/2014 17:15 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-2		200-68745		02/21/2014 23:08	1	TAL BUR	PAD
A:TO-15	200-20955-A-2		200-68745		02/21/2014 23:08	1	TAL BUR	PAD

Lab ID: 200-20955-4

Client ID: SS-VMP-2B

Sample Date/Time: 02/12/2014 17:21 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-4		200-68745		02/21/2014 23:55	2.5	TAL BUR	PAD
A:TO-15	200-20955-A-4		200-68745		02/21/2014 23:55	2.5	TAL BUR	PAD

Lab ID: 200-20955-6

Client ID: SS-VMP-2C

Sample Date/Time: 02/12/2014 17:27 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-6		200-68745		02/22/2014 00:43	1	TAL BUR	PAD
A:TO-15	200-20955-A-6		200-68745		02/22/2014 00:43	1	TAL BUR	PAD

Lab ID: 200-20955-8

Client ID: SS-VMP-3A

Sample Date/Time: 02/12/2014 17:03 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-8		200-68745		02/22/2014 02:17	20.1	TAL BUR	PAD
A:TO-15	200-20955-A-8		200-68745		02/22/2014 02:17	20.1	TAL BUR	PAD

Lab ID: 200-20955-10

Client ID: SS-VMP-3B

Sample Date/Time: 02/12/2014 17:25 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-10		200-68745		02/22/2014 03:04	1	TAL BUR	PAD
A:TO-15	200-20955-A-10		200-68745		02/22/2014 03:04	1	TAL BUR	PAD

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2
SDG: 200-20955-2

Laboratory Chronicle

Lab ID: 200-20955-12

Client ID: SS-VMP-3D

Sample Date/Time: 02/12/2014 17:32 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-12		200-68745		02/22/2014 03:51	1	TAL BUR	PAD
A:TO-15	200-20955-A-12		200-68745		02/22/2014 03:51	1	TAL BUR	PAD

Lab ID: 200-20955-14

Client ID: SS-VMP-5B

Sample Date/Time: 02/12/2014 17:13 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-14		200-68745		02/22/2014 05:25	6.9	TAL BUR	PAD
A:TO-15	200-20955-A-14		200-68745		02/22/2014 05:25	6.9	TAL BUR	PAD

Lab ID: 200-20955-16

Client ID: SS-VMP-6A

Sample Date/Time: 02/12/2014 16:32 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-16		200-68745		02/22/2014 06:58	10	TAL BUR	PAD
A:TO-15	200-20955-A-16		200-68745		02/22/2014 06:58	10	TAL BUR	PAD

Lab ID: 200-20955-18

Client ID: SS-VMP-6B

Sample Date/Time: 02/12/2014 17:07 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-18		200-68745		02/22/2014 08:32	10	TAL BUR	PAD
A:TO-15	200-20955-A-18		200-68745		02/22/2014 08:32	10	TAL BUR	PAD

Lab ID: 200-20955-20

Client ID: SS-VMP-3E

Sample Date/Time: 02/12/2014 17:40 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-20		200-68730		02/24/2014 19:16	1	TAL BUR	BPL
A:TO-15	200-20955-A-20		200-68730		02/24/2014 19:16	1	TAL BUR	BPL

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2
SDG: 200-20955-2

Laboratory Chronicle

Lab ID: 200-20955-22

Client ID: SS-VMP-4

Sample Date/Time: 02/12/2014 16:41 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-22		200-68730		02/24/2014 20:04	2	TAL BUR	BPL
A:TO-15	200-20955-A-22		200-68730		02/24/2014 20:04	2	TAL BUR	BPL

Lab ID: 200-20955-24

Client ID: SS-VMP-5A

Sample Date/Time: 02/12/2014 16:55 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-24		200-68730		02/24/2014 21:40	5.71	TAL BUR	BPL
A:TO-15	200-20955-A-24		200-68730		02/24/2014 21:40	5.71	TAL BUR	BPL

Lab ID: 200-20955-25

Client ID: SS-VMP-7

Sample Date/Time: 02/12/2014 17:01 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-25		200-68730		02/24/2014 22:28	8	TAL BUR	BPL
A:TO-15	200-20955-A-25		200-68730		02/24/2014 22:28	8	TAL BUR	BPL

Lab ID: 200-20955-28

Client ID: SS-VMP-7A

Sample Date/Time: 02/12/2014 18:06 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-28		200-68730		02/24/2014 23:16	7.49	TAL BUR	BPL
A:TO-15	200-20955-A-28		200-68730		02/24/2014 23:16	7.49	TAL BUR	BPL

Lab ID: 200-20955-30

Client ID: SS-DUP-021214

Sample Date/Time: 02/12/2014 00:00 Received Date/Time: 02/14/2014 13:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20955-A-30		200-68730		02/25/2014 00:04	7.48	TAL BUR	BPL
A:TO-15	200-20955-A-30		200-68730		02/25/2014 00:04	7.48	TAL BUR	BPL

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2

SDG: 200-20955-2

Laboratory Chronicle

Lab ID: 200-20969-1

Client ID: SS-VMP-7B

Sample Date/Time: 02/13/2014 16:58

Received Date/Time: 02/17/2014 09:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-20969-A-1		200-68730		02/25/2014 03:22	23.8	TAL BUR	BPL
A:TO-15	200-20969-A-1		200-68730		02/25/2014 03:22	23.8	TAL BUR	BPL

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-68679/4		200-68679		02/21/2014 13:23	1	TAL BUR	BPL
A:TO-15	MB 200-68679/4		200-68679		02/21/2014 13:23	1	TAL BUR	BPL
P:Summa Canister	MB 200-68730/4		200-68730		02/24/2014 13:46	1	TAL BUR	BPL
A:TO-15	MB 200-68730/4		200-68730		02/24/2014 13:46	1	TAL BUR	BPL

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-68679/3		200-68679		02/21/2014 12:36	1	TAL BUR	BPL
A:TO-15	LCS 200-68679/3		200-68679		02/21/2014 12:36	1	TAL BUR	BPL
P:Summa Canister	LCS 200-68730/3		200-68730		02/24/2014 12:29	1	TAL BUR	BPL
A:TO-15	LCS 200-68730/3		200-68730		02/24/2014 12:29	1	TAL BUR	BPL

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: LMC Utica

TestAmerica Job ID: 200-20955-2
SDG: 200-20955-2

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA
TestAmerica Burlington	Florida	NELAP	4	E87467
TestAmerica Burlington	L-A-B	DoD ELAP		L2336
TestAmerica Burlington	Louisiana	NELAP	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAP	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAP	1	2006
TestAmerica Burlington	New Jersey	NELAP	2	VT972
TestAmerica Burlington	New York	NELAP	2	10391
TestAmerica Burlington	Pennsylvania	NELAP	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	US Fish & Wildlife	Federal		LE-058448-0
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAP	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method T015

Volatile Organic Compounds (GC/MS)
by Method T015

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

SDG No.: 200-20955-2

Matrix: Air Level: Low

Lab File ID: 6267_003.D

Lab ID: LCS 200-68679/3

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	8.98	90	70-130	
Freon 22	10.0	8.83	88	70-130	
Freon-114	10.0	9.89	99	70-130	
Chloromethane	10.0	8.50	85	70-130	
n-Butane	10.0	8.85	89	70-130	
Vinyl chloride	10.0	8.30	83	70-130	
1,3-Butadiene	10.0	8.47	85	70-130	
Bromomethane	10.0	9.02	90	70-130	
Chloroethane	10.0	8.92	89	70-130	
Vinyl bromide	10.0	9.04	90	70-130	
Freon 11	10.0	8.79	88	70-130	
Freon 113	10.0	9.04	90	70-130	
1,1-Dichloroethene	10.0	8.79	88	70-130	
Acetone	10.0	11.2	112	70-130	
Isopropyl alcohol	10.0	7.72	77	70-130	
Carbon disulfide	10.0	10.2	102	70-130	
Allyl chloride	10.0	8.56	86	70-130	
Methylene Chloride	10.0	8.89	89	70-130	
tert-Butyl alcohol	10.0	8.24	82	70-130	
Methyl tert-butyl ether	10.0	9.10	91	70-130	
trans-1,2-Dichloroethene	10.0	9.62	96	70-130	
Hexane	10.0	9.59	96	70-130	
1,1-Dichloroethane	10.0	9.09	91	70-130	
Methyl Ethyl Ketone	10.0	8.96	90	70-130	
cis-1,2-Dichloroethene	10.0	8.92	89	70-130	
Chloroform	10.0	9.06	91	70-130	
Tetrahydrofuran	10.0	9.27	93	70-130	
1,1,1-Trichloroethane	10.0	9.11	91	70-130	
Cyclohexane	10.0	9.16	92	70-130	
Carbon tetrachloride	10.0	9.01	90	70-130	
2,2,4-Trimethylpentane	10.0	9.02	90	70-130	
Benzene	10.0	9.03	90	70-130	
1,2-Dichloroethane	10.0	9.05	90	70-130	
Heptane	10.0	8.72	87	70-130	
Trichloroethene	10.0	8.88	89	70-130	
Methyl methacrylate	10.0	9.86	99	70-130	
1,2-Dichloropropane	10.0	9.10	91	70-130	
1,4-Dioxane	10.0	8.27	83	70-130	
Bromodichloromethane	10.0	9.43	94	70-130	
cis-1,3-Dichloropropene	10.0	9.53	95	70-130	
methyl isobutyl ketone	10.0	9.16	92	70-130	
Toluene	10.0	9.06	91	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Matrix: Air Level: Low Lab File ID: 6267_003.D
 Lab ID: LCS 200-68679/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.56	96	70-130	
1,1,2-Trichloroethane	10.0	9.05	91	70-130	
Tetrachloroethene	10.0	8.97	90	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.24	92	70-130	
Dibromochloromethane	10.0	9.38	94	70-130	
1,2-Dibromoethane	10.0	9.47	95	70-130	
Chlorobenzene	10.0	9.21	92	70-130	
Ethylbenzene	10.0	9.13	91	70-130	
m,p-Xylene	20.0	18.2	91	70-130	
Xylene, o-	10.0	8.98	90	70-130	
Styrene	10.0	9.67	97	70-130	
Bromoform	10.0	9.91	99	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.17	92	70-130	
n-Propylbenzene	10.0	9.19	92	70-130	
4-Ethyltoluene	10.0	9.45	94	70-130	
1,3,5-Trimethylbenzene	10.0	9.06	91	70-130	
2-Chlorotoluene	10.0	9.02	90	70-130	
tert-Butylbenzene	10.0	8.91	89	70-130	
1,2,4-Trimethylbenzene	10.0	9.21	92	70-130	
sec-Butylbenzene	10.0	9.09	91	70-130	
4-Isopropyltoluene	10.0	9.26	93	70-130	
1,3-Dichlorobenzene	10.0	9.97	100	70-130	
1,4-Dichlorobenzene	10.0	10.0	100	70-130	
Benzyl chloride	10.0	9.43	94	70-130	
n-Butylbenzene	10.0	9.42	94	70-130	
1,2-Dichlorobenzene	10.0	9.72	97	70-130	
1,2,4-Trichlorobenzene	10.0	9.29	93	70-130	
Hexachloro-1,3-butadiene	10.0	12.1	121	70-130	
Naphthalene	10.0	8.79	88	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

SDG No.: 200-20955-2

Matrix: Air Level: Low

Lab File ID: 6282_003.d

Lab ID: LCS 200-68730/3

Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Freon 12	10.0	8.87	89	70-130	
Freon 22	10.0	8.79	88	70-130	
Freon-114	10.0	9.45	95	70-130	
Chloromethane	10.0	8.46	85	70-130	
n-Butane	10.0	9.17	92	70-130	
Vinyl chloride	10.0	8.29	83	70-130	
1,3-Butadiene	10.0	8.98	90	70-130	
Bromomethane	10.0	8.31	83	70-130	
Chloroethane	10.0	8.51	85	70-130	
Vinyl bromide	10.0	9.15	92	70-130	
Freon 11	10.0	8.59	86	70-130	
Freon 113	10.0	8.70	87	70-130	
1,1-Dichloroethene	10.0	9.34	93	70-130	
Acetone	10.0	9.94	99	70-130	
Isopropyl alcohol	10.0	8.46	85	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
Allyl chloride	10.0	9.58	96	70-130	
Methylene Chloride	10.0	8.94	89	70-130	
tert-Butyl alcohol	10.0	8.99	90	70-130	
Methyl tert-butyl ether	10.0	10.6	106	70-130	
trans-1,2-Dichloroethene	10.0	9.87	99	70-130	
Hexane	10.0	11.1	111	70-130	
1,1-Dichloroethane	10.0	8.75	87	70-130	
Methyl Ethyl Ketone	10.0	9.47	95	70-130	
cis-1,2-Dichloroethene	10.0	9.53	95	70-130	
Chloroform	10.0	8.94	89	70-130	
Tetrahydrofuran	10.0	9.51	95	70-130	
1,1,1-Trichloroethane	10.0	8.99	90	70-130	
Cyclohexane	10.0	10.2	102	70-130	
Carbon tetrachloride	10.0	8.59	86	70-130	
2,2,4-Trimethylpentane	10.0	10.5	105	70-130	
Benzene	10.0	9.01	90	70-130	
1,2-Dichloroethane	10.0	9.08	91	70-130	
Heptane	10.0	10.5	105	70-130	
Trichloroethene	10.0	9.44	94	70-130	
Methyl methacrylate	10.0	9.95	100	70-130	
1,2-Dichloropropane	10.0	9.06	91	70-130	
1,4-Dioxane	10.0	8.81	88	70-130	
Bromodichloromethane	10.0	9.00	90	70-130	
cis-1,3-Dichloropropene	10.0	10.5	105	70-130	
methyl isobutyl ketone	10.0	9.70	97	70-130	
Toluene	10.0	9.69	97	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Matrix: Air Level: Low Lab File ID: 6282_003.d
 Lab ID: LCS 200-68730/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.1	101	70-130	
1,1,2-Trichloroethane	10.0	9.17	92	70-130	
Tetrachloroethene	10.0	9.22	92	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.74	97	70-130	
Dibromochloromethane	10.0	9.14	91	70-130	
1,2-Dibromoethane	10.0	9.57	96	70-130	
Chlorobenzene	10.0	8.91	89	70-130	
Ethylbenzene	10.0	9.74	97	70-130	
m,p-Xylene	20.0	19.0	95	70-130	
Xylene, o-	10.0	10.2	102	70-130	
Styrene	10.0	10.3	103	70-130	
Bromoform	10.0	9.24	92	70-130	
1,1,2,2-Tetrachloroethane	10.0	8.76	88	70-130	
n-Propylbenzene	10.0	9.84	98	70-130	
4-Ethyltoluene	10.0	9.67	97	70-130	
1,3,5-Trimethylbenzene	10.0	9.32	93	70-130	
2-Chlorotoluene	10.0	9.09	91	70-130	
tert-Butylbenzene	10.0	9.50	95	70-130	
1,2,4-Trimethylbenzene	10.0	9.60	96	70-130	
sec-Butylbenzene	10.0	9.52	95	70-130	
4-Isopropyltoluene	10.0	9.81	98	70-130	
1,3-Dichlorobenzene	10.0	9.12	91	70-130	
1,4-Dichlorobenzene	10.0	9.63	96	70-130	
Benzyl chloride	10.0	9.76	98	70-130	
n-Butylbenzene	10.0	9.20	92	70-130	
1,2-Dichlorobenzene	10.0	9.05	91	70-130	
1,2,4-Trichlorobenzene	10.0	8.37	84	70-130	
Hexachloro-1,3-butadiene	10.0	8.77	88	70-130	
Naphthalene	10.0	8.30	83	70-130	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab File ID: 6267_004.D Lab Sample ID: MB 200-68679/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHG.i Date Analyzed: 02/21/2014 13:23
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68679/3	6267_003.D	02/21/2014 12:36
SS-VMP-1B	200-20955-2	6267_016.D	02/21/2014 23:08
SS-VMP-2B	200-20955-4	6267_017.D	02/21/2014 23:55
SS-VMP-2C	200-20955-6	6267_018.D	02/22/2014 00:43
SS-VMP-3A	200-20955-8	6267_020.D	02/22/2014 02:17
SS-VMP-3B	200-20955-10	6267_021.D	02/22/2014 03:04
SS-VMP-3D	200-20955-12	6267_022.D	02/22/2014 03:51
SS-VMP-5B	200-20955-14	6267_024.D	02/22/2014 05:25
SS-VMP-6A	200-20955-16	6267_026.D	02/22/2014 06:58
SS-VMP-6B	200-20955-18	6267_028.D	02/22/2014 08:32

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab File ID: 6282_004.d Lab Sample ID: MB 200-68730/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/24/2014 13:46
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-68730/3	6282_003.d	02/24/2014 12:29
SS-VMP-3E	200-20955-20	6282_010.d	02/24/2014 19:16
SS-VMP-4	200-20955-22	6282_011.d	02/24/2014 20:04
SS-VMP-5A	200-20955-24	6282_013.d	02/24/2014 21:40
SS-VMP-7	200-20955-25	6282_014.d	02/24/2014 22:28
SS-VMP-7A	200-20955-28	6282_015.d	02/24/2014 23:16
SS-DUP-021214	200-20955-30	6282_016.d	02/25/2014 00:04
SS-VMP-7B	200-20969-1	6282_020.d	02/25/2014 03:22

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab File ID: 6246_001.D BFB Injection Date: 02/20/2014
 Instrument ID: CHG.i BFB Injection Time: 12:20
 Analysis Batch No.: 68619

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.5	
75	30.0 - 66.0% of mass 95	40.2	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	93.6	
175	4.0 - 9.0 % of mass 174	6.7	(7.2)1
176	93.0 - 101.0% of mass 174	90.8	(97.1)1
177	5.0 - 9.0% of mass 176	5.8	(6.4)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-68619/6	6246_006.D	02/20/2014	16:25
	IC 200-68619/7	6246_007.D	02/20/2014	17:12
	IC 200-68619/8	6246_008.D	02/20/2014	17:59
	IC 200-68619/9	6246_009.D	02/20/2014	18:46
	ICIS 200-68619/10	6246_010.D	02/20/2014	19:33
	IC 200-68619/11	6246_011.D	02/20/2014	20:20
	IC 200-68619/12	6246_012.D	02/20/2014	21:07
	IC 200-68619/13	6246_013.D	02/20/2014	21:54
	ICV 200-68619/16	6246_016.D	02/21/2014	00:15

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab File ID: 6267_001.D BFB Injection Date: 02/21/2014
 Instrument ID: CHG.i BFB Injection Time: 11:00
 Analysis Batch No.: 68679

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.2	
75	30.0 - 66.0% of mass 95	39.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.4	(0.4)1
174	50.0 - 120.0% of mass 95	99.3	
175	4.0 - 9.0 % of mass 174	6.9	(7.0)1
176	93.0 - 101.0% of mass 174	97.3	(98.0)1
177	5.0 - 9.0% of mass 176	6.2	(6.4)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68679/2	6267_002.D	02/21/2014	11:48
	LCS 200-68679/3	6267_003.D	02/21/2014	12:36
	MB 200-68679/4	6267_004.D	02/21/2014	13:23
SS-VMP-1B	200-20955-2	6267_016.D	02/21/2014	23:08
SS-VMP-2B	200-20955-4	6267_017.D	02/21/2014	23:55
SS-VMP-2C	200-20955-6	6267_018.D	02/22/2014	00:43
SS-VMP-3A	200-20955-8	6267_020.D	02/22/2014	02:17
SS-VMP-3B	200-20955-10	6267_021.D	02/22/2014	03:04
SS-VMP-3D	200-20955-12	6267_022.D	02/22/2014	03:51
SS-VMP-5B	200-20955-14	6267_024.D	02/22/2014	05:25
SS-VMP-6A	200-20955-16	6267_026.D	02/22/2014	06:58
SS-VMP-6B	200-20955-18	6267_028.D	02/22/2014	08:32

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab File ID: 6099_001.d BFB Injection Date: 02/11/2014
 Instrument ID: CHW.i BFB Injection Time: 16:00
 Analysis Batch No.: 68234

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.8	
75	30.0 - 66.0% of mass 95	46.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.6	(0.6)1
174	50.0 - 120.0% of mass 95	104.2	
175	4.0 - 9.0 % of mass 174	7.5	(7.2)1
176	93.0 - 101.0% of mass 174	101.9	(97.8)1
177	5.0 - 9.0% of mass 176	6.6	(6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-68234/4	6101_004.d	02/11/2014	19:12
	IC 200-68234/5	6101_005.d	02/11/2014	20:02
	IC 200-68234/6	6101_006.d	02/11/2014	20:50
	IC 200-68234/7	6101_007.d	02/11/2014	21:39
	ICIS 200-68234/8	6101_008.d	02/11/2014	22:30
	IC 200-68234/9	6101_009.d	02/11/2014	23:18
	IC 200-68234/10	6101_010.d	02/12/2014	00:07
	IC 200-68234/11	6101_011.d	02/12/2014	00:55
	ICV 200-68234/14	6101_014.d	02/12/2014	03:20

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab File ID: 6282_001.d BFB Injection Date: 02/24/2014
 Instrument ID: CHW.i BFB Injection Time: 10:20
 Analysis Batch No.: 68730

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.6	
75	30.0 - 66.0% of mass 95	45.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.9	
175	4.0 - 9.0 % of mass 174	7.3	(7.3)1
176	93.0 - 101.0% of mass 174	98.6	(97.7)1
177	5.0 - 9.0% of mass 176	6.4	(6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-68730/2	6282_002.d	02/24/2014	11:15
	LCS 200-68730/3	6282_003.d	02/24/2014	12:29
	MB 200-68730/4	6282_004.d	02/24/2014	13:46
SS-VMP-3E	200-20955-20	6282_010.d	02/24/2014	19:16
SS-VMP-4	200-20955-22	6282_011.d	02/24/2014	20:04
SS-VMP-5A	200-20955-24	6282_013.d	02/24/2014	21:40
SS-VMP-7	200-20955-25	6282_014.d	02/24/2014	22:28
SS-VMP-7A	200-20955-28	6282_015.d	02/24/2014	23:16
SS-DUP-021214	200-20955-30	6282_016.d	02/25/2014	00:04
SS-VMP-7B	200-20969-1	6282_020.d	02/25/2014	03:22

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Sample No.: ICIS 200-68619/10 Date Analyzed: 02/20/2014 19:33
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6246_010.D Heated Purge: (Y/N) N
 Calibration ID: 25722

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	715346	10.56	4040627	12.63	4191149	18.79
UPPER LIMIT	1001484	10.89	5656878	12.96	5867609	19.12
LOWER LIMIT	429208	10.23	2424376	12.30	2514689	18.46
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-68619/16	732981	10.56	4217854	12.62	4337814	18.79

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Sample No.: CCVIS 200-68679/2 Date Analyzed: 02/21/2014 11:48
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6267_002.D Heated Purge: (Y/N) N
 Calibration ID: 25611

LCS 200-68679/3		02/21/2014 12:36	6267_003.D	10.56	12.62	18.79
MB 200-68679/4		02/21/2014 13:23	6267_004.D	10.56	12.62	18.79
200-20955-2	SS-VMP-1B	02/21/2014 23:08	6267_016.D	10.56	12.62	18.79
200-20955-4	SS-VMP-2B	02/21/2014 23:55	6267_017.D	10.56	12.62	18.79
200-20955-6	SS-VMP-2C	02/22/2014 00:43	6267_018.D	10.56	12.62	18.79
200-20955-8	SS-VMP-3A	02/22/2014 02:17	6267_020.D	10.56	12.62	18.79
200-20955-10	SS-VMP-3B	02/22/2014 03:04	6267_021.D	10.56	12.62	18.79
200-20955-12	SS-VMP-3D	02/22/2014 03:51	6267_022.D	10.56	12.62	18.79
200-20955-14	SS-VMP-5B	02/22/2014 05:25	6267_024.D	10.56	12.62	18.79
200-20955-16	SS-VMP-6A	02/22/2014 06:58	6267_026.D	10.56	12.62	18.79
200-20955-18	SS-VMP-6B	02/22/2014 08:32	6267_028.D	10.56	12.62	18.79

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Sample No.: ICIS 200-68234/8 Date Analyzed: 02/11/2014 22:30
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6101_008.d Heated Purge: (Y/N) N
 Calibration ID: 25497

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	501508	12.85	2304289	14.75	2110792	20.44	
UPPER LIMIT	702111	13.18	3226005	15.08	2955109	20.77	
LOWER LIMIT	300905	12.52	1382573	14.42	1266475	20.11	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-68234/14		576959	12.86	2743463	14.75	2494405	20.44

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Sample No.: CCVIS 200-68730/2 Date Analyzed: 02/24/2014 11:15
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 6282_002.d Heated Purge: (Y/N) N
 Calibration ID: 25497

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	410568	12.86	1953552	14.74	1777392	20.44		
UPPER LIMIT	574795	13.19	2734973	15.07	2488349	20.77		
LOWER LIMIT	246341	12.53	1172131	14.41	1066435	20.11		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-68730/3			442925	12.86	2117890	14.75	1915306	20.44
MB 200-68730/4			450039	12.85	2201278	14.74	1928409	20.44
200-20955-20	SS-VMP-3E		373844	12.86	1843977	14.75	1682750	20.44
200-20955-22	SS-VMP-4		410198	12.86	1965969	14.75	1783267	20.44
200-20955-24	SS-VMP-5A		394284	12.87	1769931	14.75	1608844	20.45
200-20955-25	SS-VMP-7		369272	12.88	1774537	14.76	1610308	20.45
200-20955-28	SS-VMP-7A		378123	12.87	1732186	14.76	1525046	20.45
200-20955-30	SS-DUP-021214		312973	12.86	1478763	14.75	1387394	20.44
200-20969-1	SS-VMP-7B		401746	12.87	1895869	14.76	1594394	20.44

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-1B Lab Sample ID: 200-20955-2
 Matrix: Air Lab File ID: 6267_016.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:15
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 23:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.52		0.50	0.030
75-45-6	Freon 22	86.47	0.30	J	0.50	0.048
76-14-2	Freon-114	170.92	0.092	J	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	2.2		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.10		0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.089	J	0.20	0.042
74-83-9	Bromomethane	94.94	0.090	J	0.20	0.028
75-00-3	Chloroethane	64.52	0.15	J	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	8.3		0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.10	J	0.20	0.024
67-64-1	Acetone	58.08	19		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	410	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.86		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.098	J	0.20	0.029
110-54-3	Hexane	86.17	0.34		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.099	J	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	15		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.23		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.33		0.20	0.064
67-66-3	Chloroform	119.38	0.20		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	0.78	J	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	3.2		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.10		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.38		0.20	0.027
71-43-2	Benzene	78.11	0.39		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.082	J	0.20	0.017
142-82-5	Heptane	100.21	0.24		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-1B Lab Sample ID: 200-20955-2
 Matrix: Air Lab File ID: 6267_016.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:15
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 23:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.77		0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.15	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	0.51	J	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.070	J	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.15	J	0.50	0.027
108-88-3	Toluene	92.14	0.80		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.074	J	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.087	J	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.88		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.12	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.17	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.35	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.14	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.49		0.20	0.034
100-42-5	Styrene	104.15	0.12	J	0.20	0.018
75-25-2	Bromoform	252.75	0.069	J	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.088	J	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.091	J	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.097	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.082	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.080	J	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.077	J	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.086	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.22		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.065	J	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-1B Lab Sample ID: 200-20955-2
 Matrix: Air Lab File ID: 6267_016.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:15
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 23:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.069	J	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-1B Lab Sample ID: 200-20955-2
 Matrix: Air Lab File ID: 6267_016.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:15
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 23:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.6		2.5	0.15
75-45-6	Freon 22	86.47	1.1	J	1.8	0.17
76-14-2	Freon-114	170.92	0.65	J	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	5.1		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.27		0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.20	J	0.44	0.093
74-83-9	Bromomethane	94.94	0.35	J	0.78	0.11
75-00-3	Chloroethane	64.52	0.40	J	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	47		1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.41	J	0.79	0.095
67-64-1	Acetone	58.08	45		12	3.0
67-63-0	Isopropyl alcohol	60.10	1000	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	3.0		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.39	J	0.79	0.11
110-54-3	Hexane	86.17	1.2		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.40	J	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	44		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.93		0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	1.3		0.79	0.25
67-66-3	Chloroform	119.38	0.98		0.98	0.12
109-99-9	Tetrahydrofuran	72.11	2.3	J	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	11		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.65		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	1.8		0.93	0.13
71-43-2	Benzene	78.11	1.2		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.33	J	0.81	0.069
142-82-5	Heptane	100.21	1.0		0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-1B Lab Sample ID: 200-20955-2
 Matrix: Air Lab File ID: 6267_016.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:15
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 23:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	4.1		0.21	0.13
80-62-6	Methyl methacrylate	100.12	0.63	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	1.8	J	18	0.72
75-27-4	Bromodichloromethane	163.83	0.47	J	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.60	J	2.0	0.11
108-88-3	Toluene	92.14	3.0		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.34	J	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	0.48	J	1.1	0.093
127-18-4	Tetrachloroethene	165.83	6.0		1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.55	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.74	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	1.5	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.62	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	2.1		0.87	0.15
100-42-5	Styrene	104.15	0.49	J	0.85	0.077
75-25-2	Bromoform	252.75	0.71	J	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.60	J	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.45	J	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.48	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.40	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	0.41	J	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	0.42	J	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.42	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.3		1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	0.39	J	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-1B Lab Sample ID: 200-20955-2
 Matrix: Air Lab File ID: 6267_016.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:15
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 23:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.42	J	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D
 Lims ID: 200-20955-A-2 Lab Sample ID: 200-20955-2
 Client ID: SS-VMP-1B
 Sample Type: Client
 Inject. Date: 21-Feb-2014 23:08:30 ALS Bottle#: 13 Worklist Smp#: 16
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-016
 Misc. Info.: 20955-2
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:53:27 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 09:54:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	111442	0.5204	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	62	24133	0.2993	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	43	16925	0.0923	
8 Chloromethane	50		3.539					
9 Butane	43	3.758	3.758	0.0	96	115561	2.16	
10 Vinyl chloride	62	3.801	3.796	0.005	59	5808	0.1043	
11 Butadiene	54	3.876	3.876	0.0	79	2888	0.0889	
12 Bromomethane	94	4.577	4.577	0.0	89	7130	0.0899	
14 Chloroethane	64	4.834	4.828	0.006	39	3387	0.1531	
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101	5.353	5.347	0.006	98	2035882	8.32	
23 1,1,2-Trichloro-1,2,2-trifluoro	101		6.476					
24 1,1-Dichloroethene	96	6.492	6.497	-0.005	72	6778	0.1043	
25 Acetone	43	6.717	6.717	0.0	87	1124841	18.8	
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.102	7.038	0.064	98	19854986	410.3	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	41266	0.8552	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61	8.059	8.059	0.0	62	6939	0.0978	
36 Hexane	57	8.487	8.493	-0.006	84	19445	0.3395	
37 1,1-Dichloroethane	63	8.953	8.947	0.006	73	9959	0.0991	
39 cis-1,2-Dichloroethene	96	10.087	10.087	0.0	65	20563	0.2336	
40 2-Butanone (MEK)	72	10.135	10.135	0.0	98	442613	14.9	
S 41 1,2-Dichloroethene, Total	61				0		0.3314	
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	682601	10.0	
44 Tetrahydrofuran	42	10.585	10.579	0.006	78	35877	0.7780	
45 Chloroform	83	10.708	10.702	0.006	97	39179	0.2008	
46 Cyclohexane	84	10.991	10.991	0.0	81	311543	3.22	
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	48		117	11.269	11.269	0.0	96	30154	0.1033	
	50		78	11.735	11.740	-0.005	93	100500	0.3885	
	51		57	11.756	11.761	-0.005	98	118130	0.3826	
	52		62	11.911	11.911	0.0	73	10592	0.0820	
	53		43	12.168	12.168	0.0	83	27902	0.2432	M
*	54		114	12.623	12.623	0.0	91	3877285	10.0	
	56		95	13.110	13.110	0.0	93	141349	0.7706	
	58		63		13.682					
	59		69	13.885	13.880	0.005	81	16095	0.1528	
	60		88	13.923	13.917	0.006	73	29023	0.5093	
	62		83	14.249	14.249	0.0	91	21043	0.0696	
	64		75		15.228					
	65		43	15.538	15.528	0.010	87	27948	0.1475	
	66		92	15.854	15.849	0.005	93	223646	0.8036	
	70		75	16.437	16.437	0.0	63	15604	0.0744	7
	71		83	16.812	16.812	0.0	88	12172	0.0873	
	72		166	16.961	16.961	0.0	97	263177	0.8799	
	73		43	17.288	17.282	0.006	87	19545	0.1173	7
	74		129		17.587					
	75		107		17.860					
*	76		117	18.786	18.786	0.0	81	3798691	10.0	
	77		112	18.844	18.844	0.0	44	48610	0.1204	
	78		91	19.016	19.016	0.0	96	98342	0.1701	
	80		106	19.267	19.272	-0.005	99	82279	0.3482	
S	82		106				0		0.4913	7
	83		106	20.102	20.102	0.0	89	35308	0.1431	
	84		104	20.150	20.144	0.006	79	37843	0.1152	
	85		173	20.530	20.530	0.0	94	23528	0.0692	
\$	87		95	21.107	21.107	0.0	98	1926572	NC	
	88		83	21.359	21.364	-0.005	93	29563	0.0881	
	90		91	21.466	21.471	-0.005	98	63597	0.0907	
	92		91	21.653	21.653	0.0	89	37814	0.0798	
	91		105	21.648	21.653	-0.005	88	55123	0.0966	
	94		105	21.755	21.760	-0.005	84	45956	0.0815	
	96		119	22.242	22.242	0.0	86	44168	0.0771	
	97		105	22.327	22.332	-0.005	94	46728	0.0856	
	98		105		22.562					
	99		119		22.760					
	100		146	22.777	22.776	0.001	95	76061	0.2244	
	101		146	22.910	22.910	0.0	92	21288	0.0647	
	102		91		23.103					
	103		91		23.338					
	105		146	23.451	23.451	0.0	94	24788	0.0693	
	107		180		26.013					
	108		225		26.227					
	109		128		26.505					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Worklist Smp#: 16

Client ID: SS-VMP-1B

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

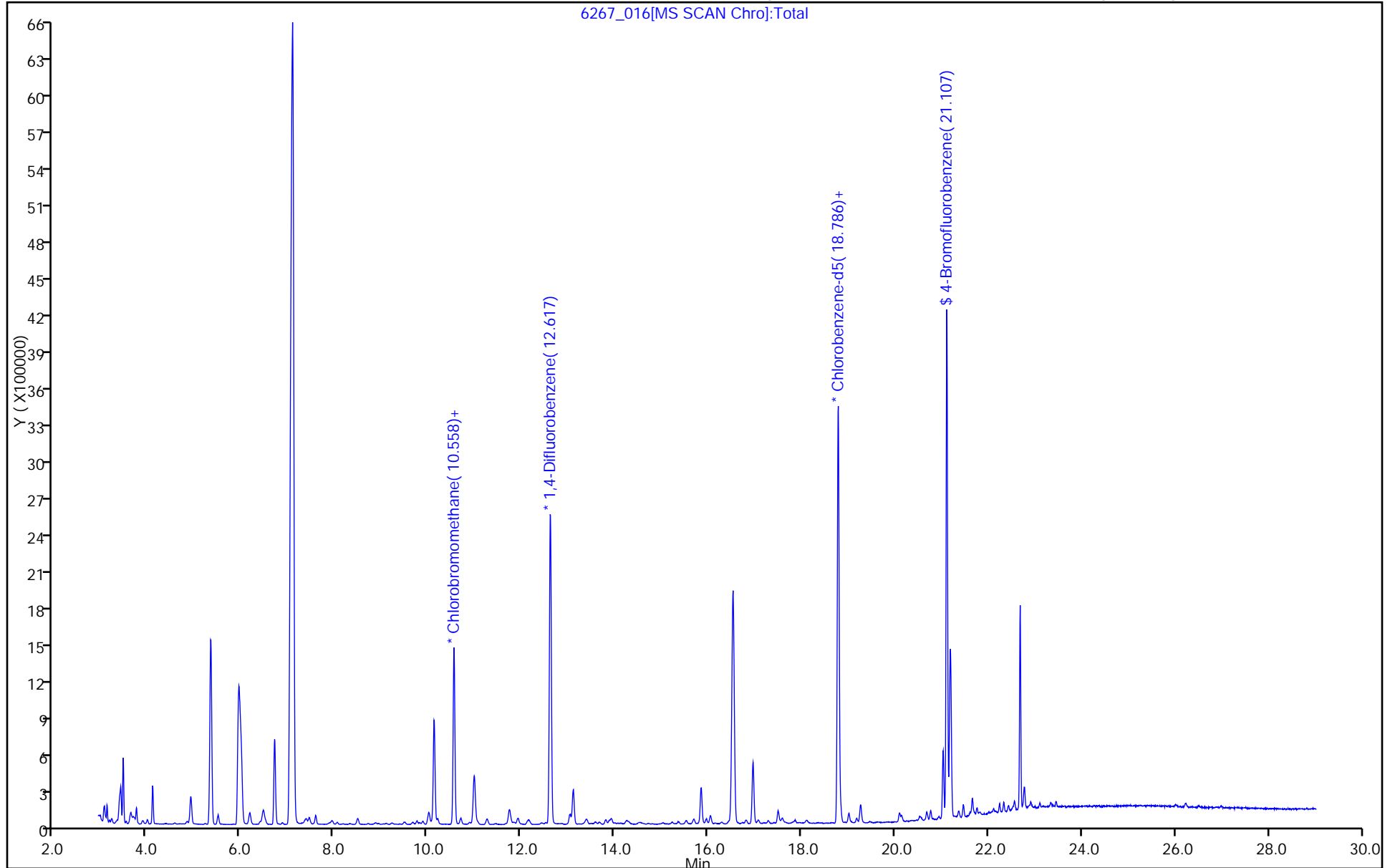
ALS Bottle#: 13

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

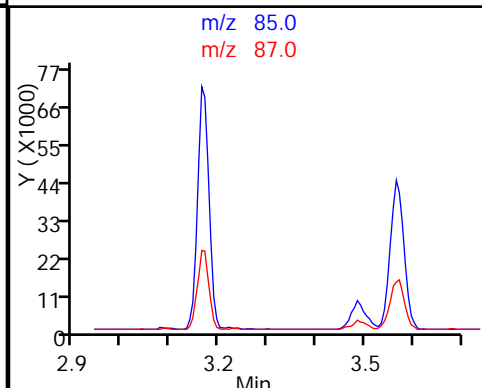
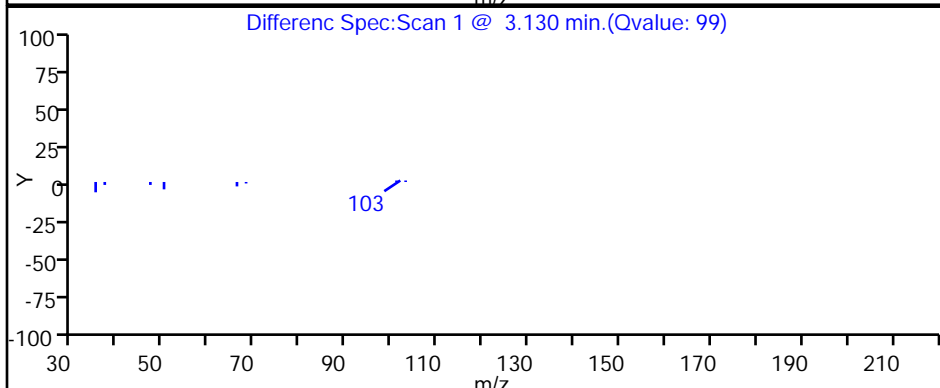
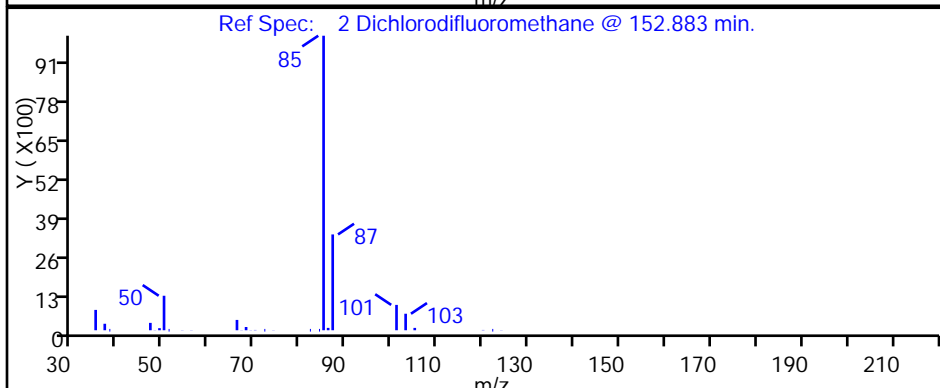
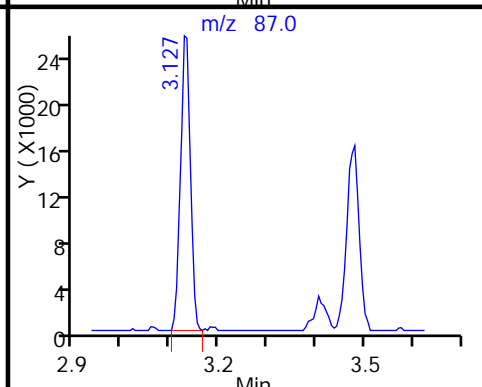
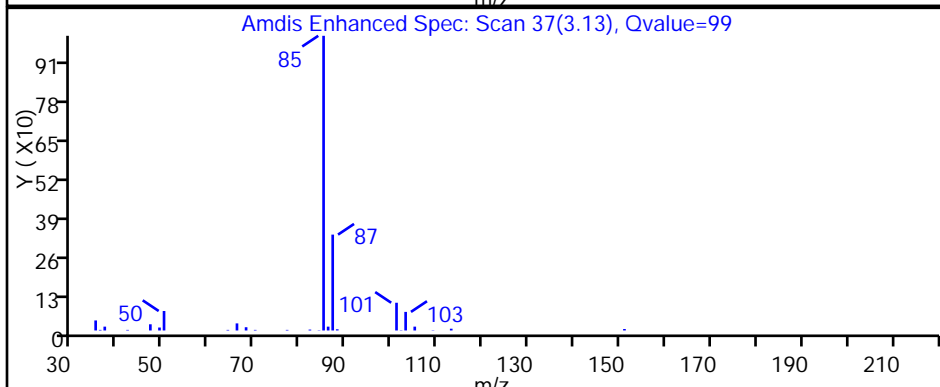
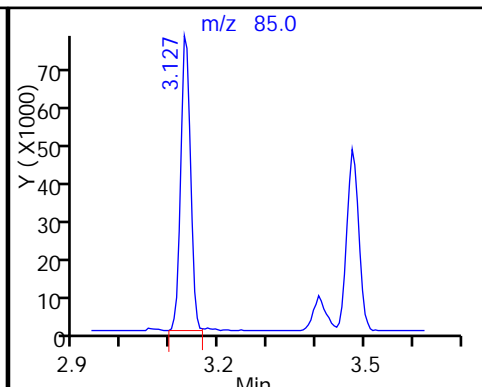
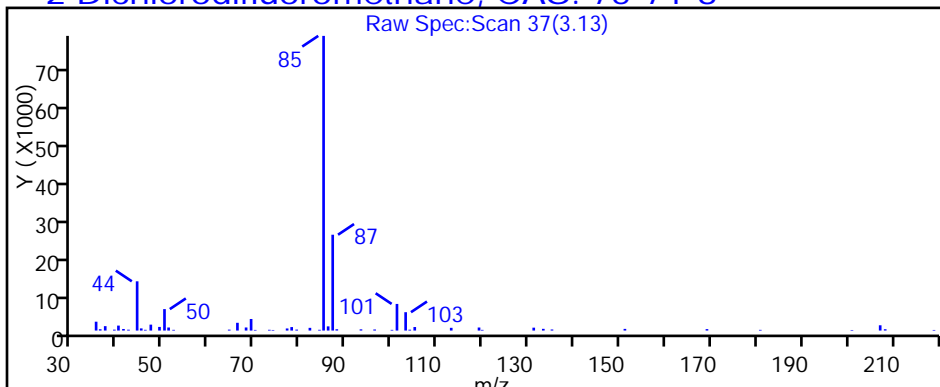
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

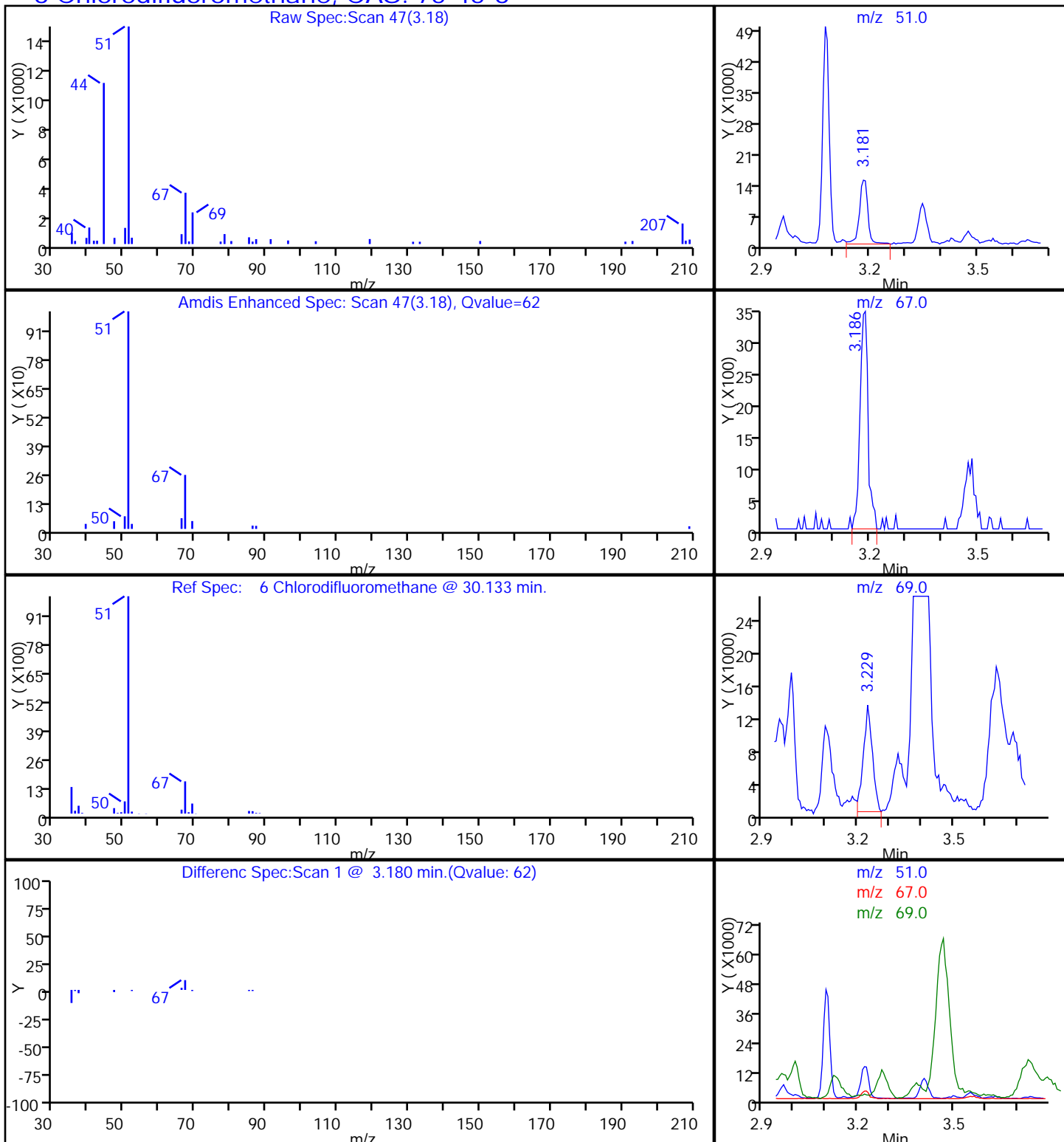
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

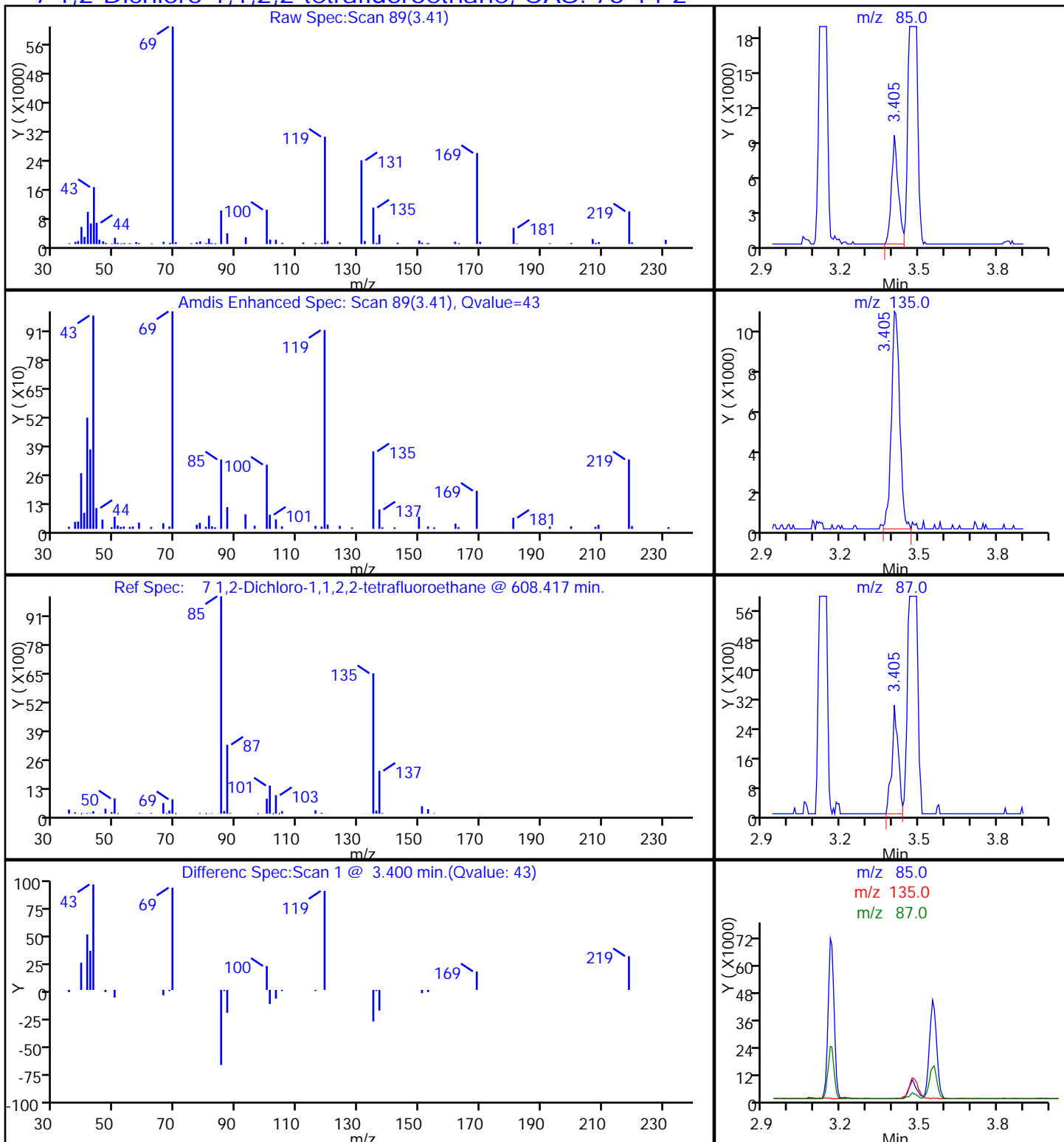
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

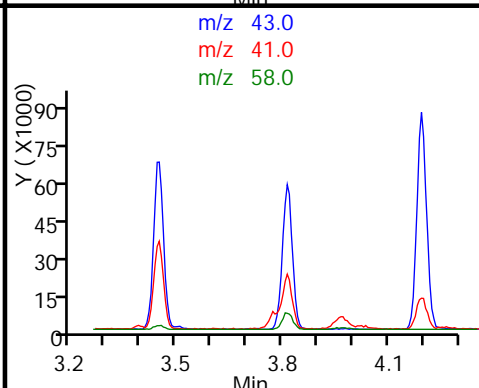
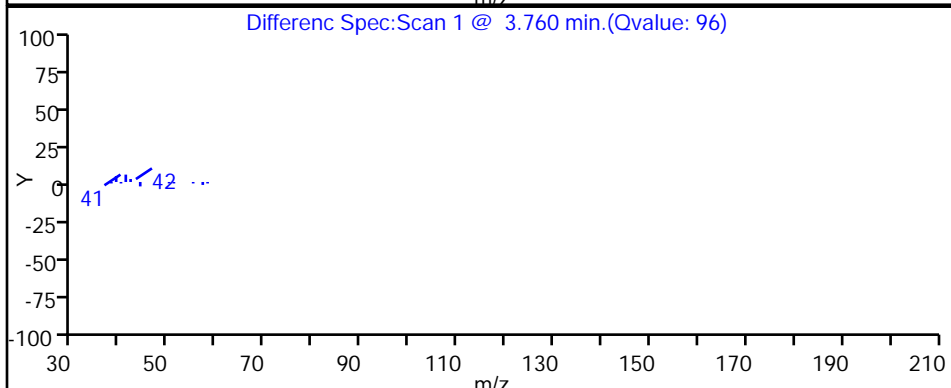
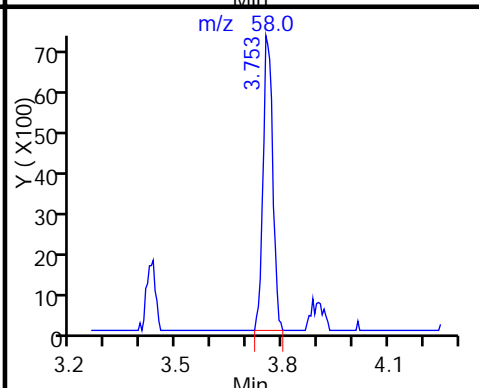
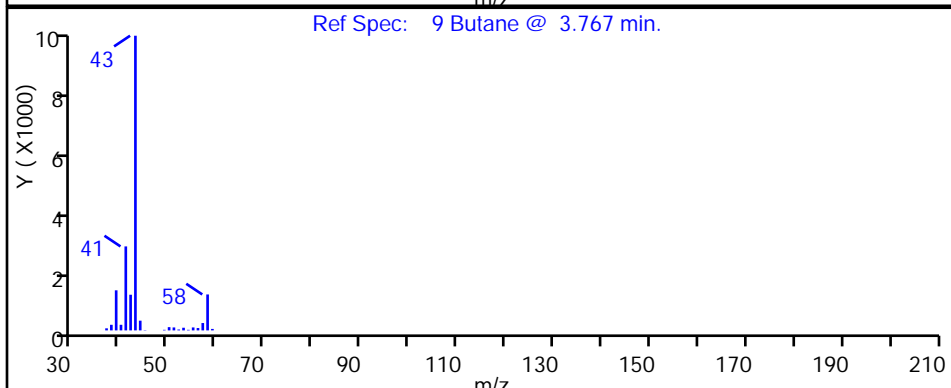
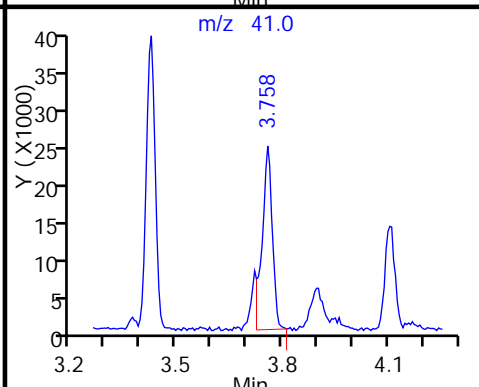
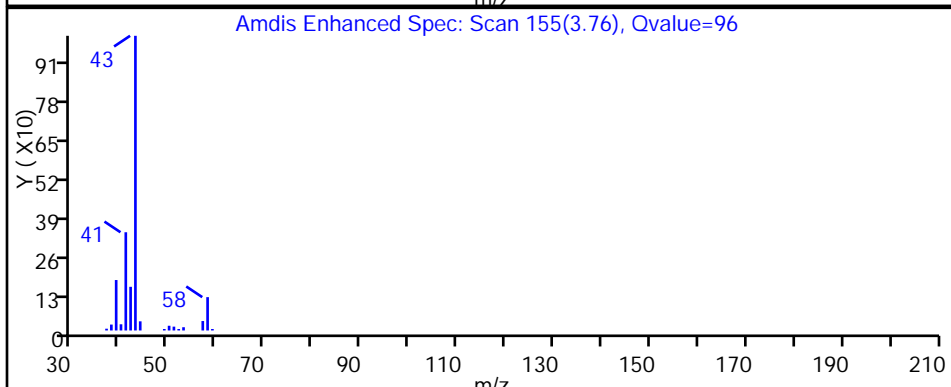
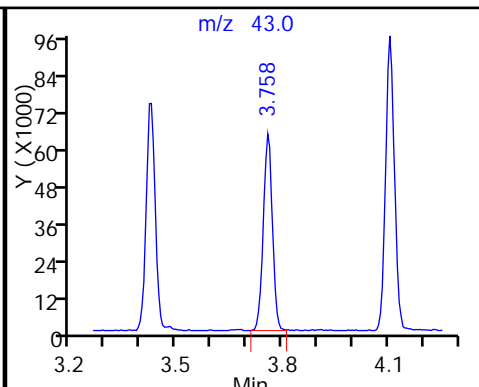
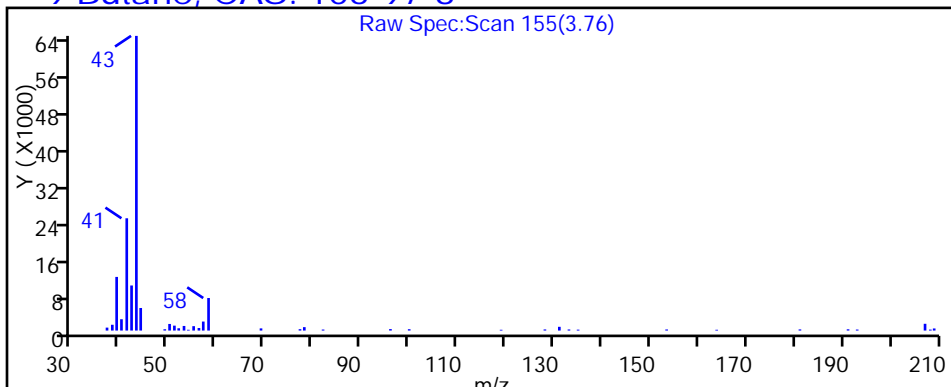
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

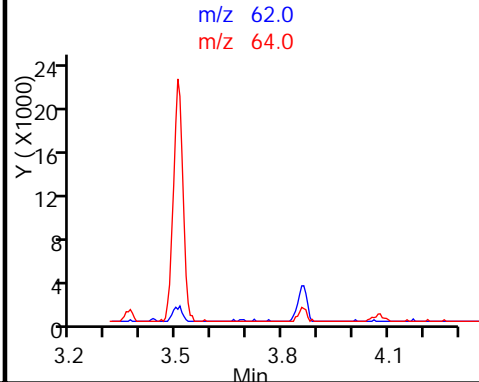
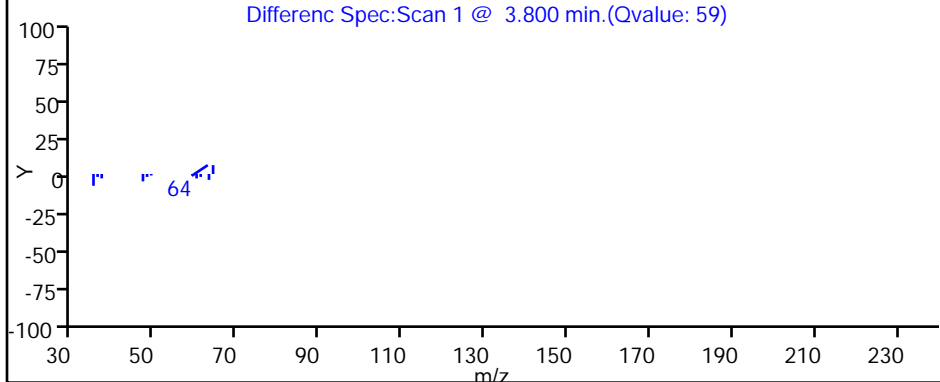
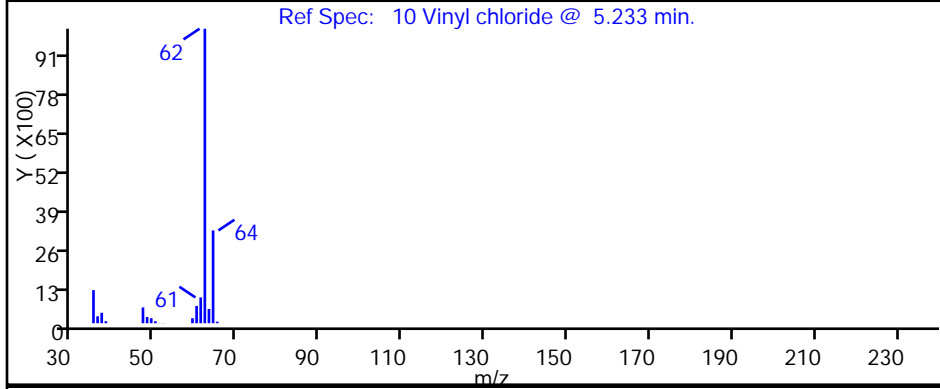
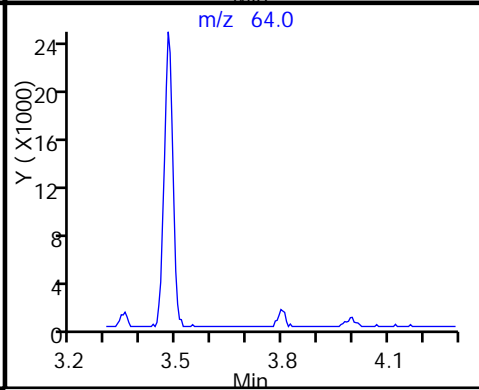
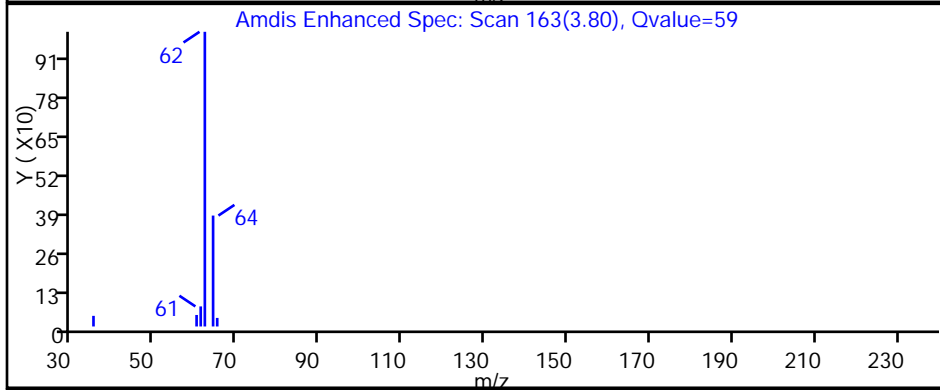
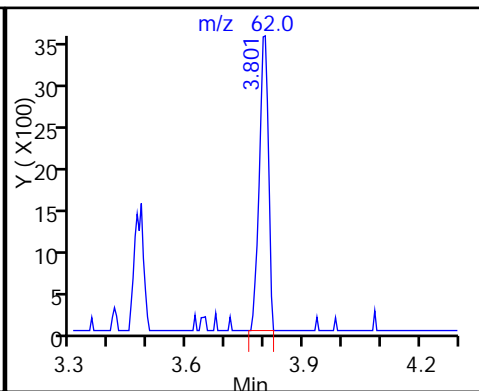
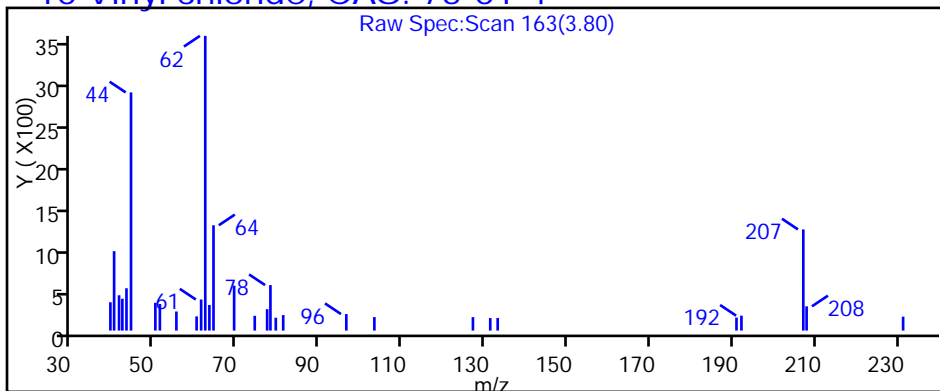
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

10 Vinyl chloride, CAS: 75-01-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

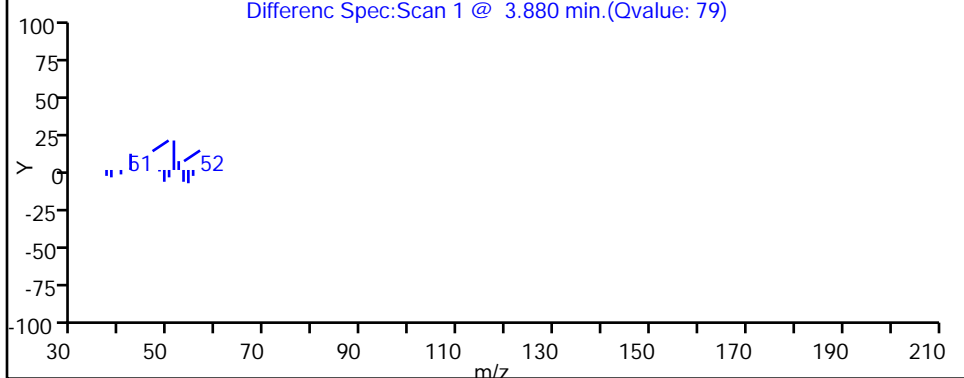
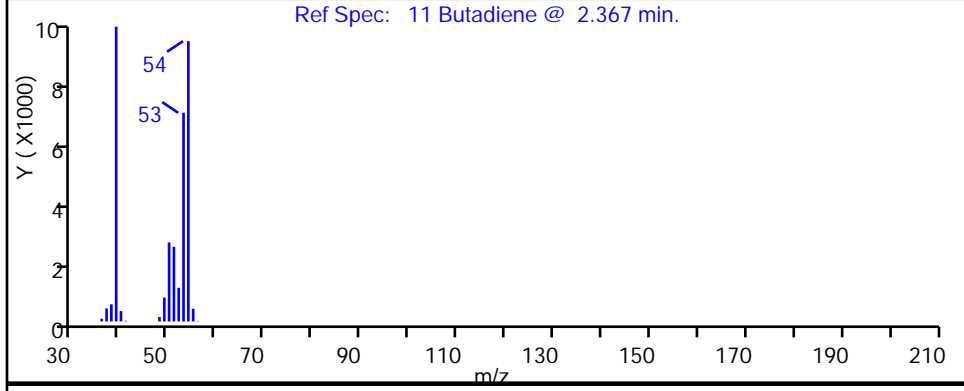
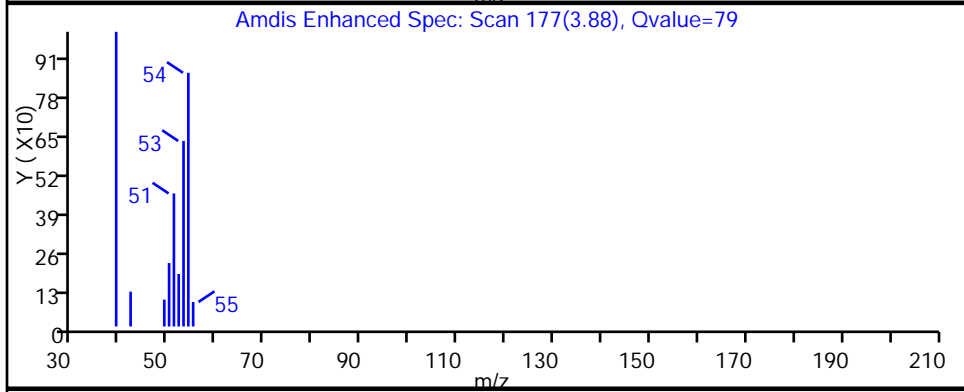
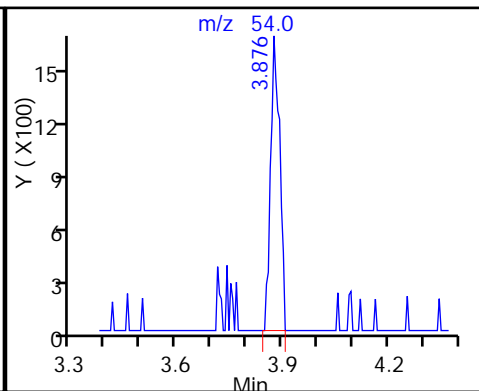
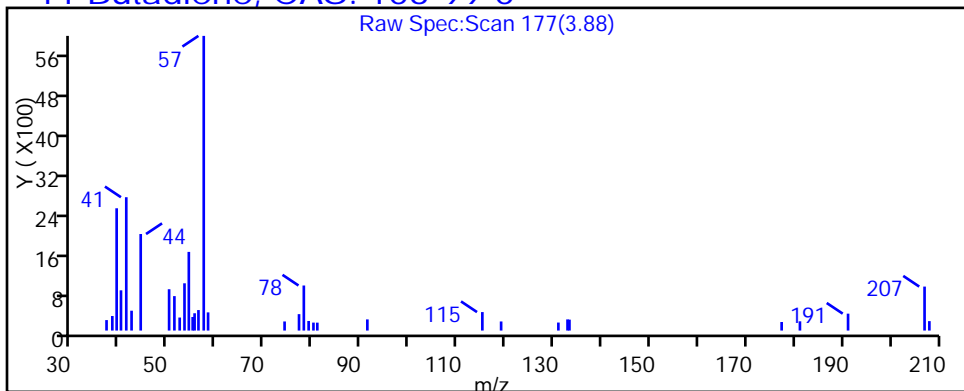
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

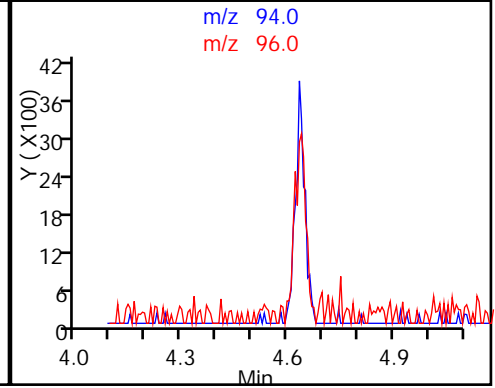
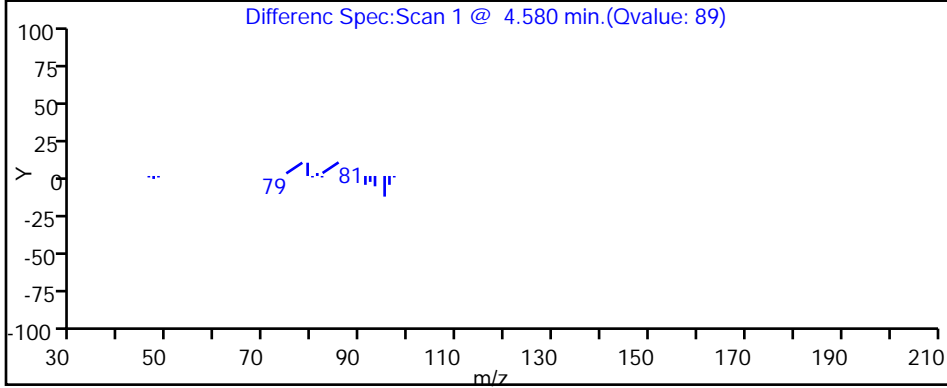
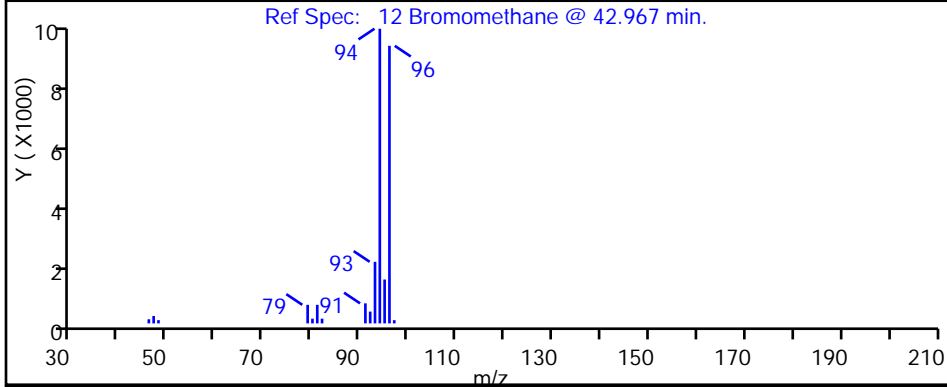
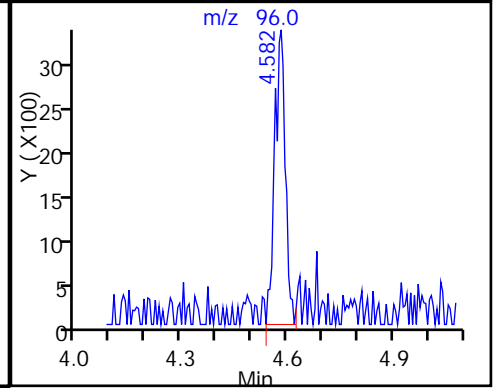
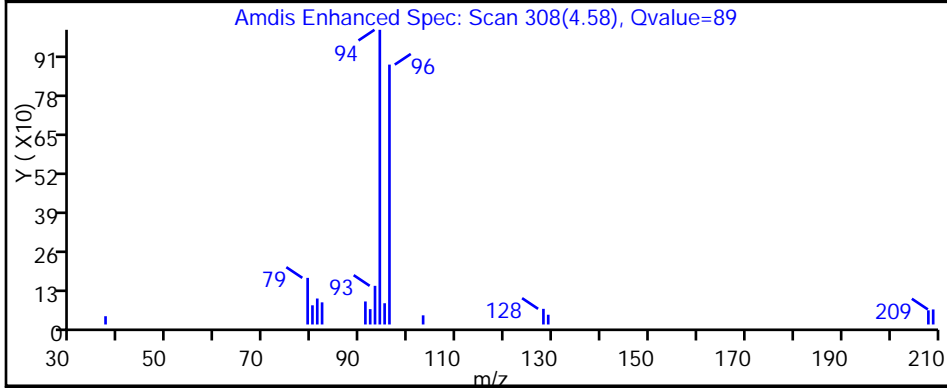
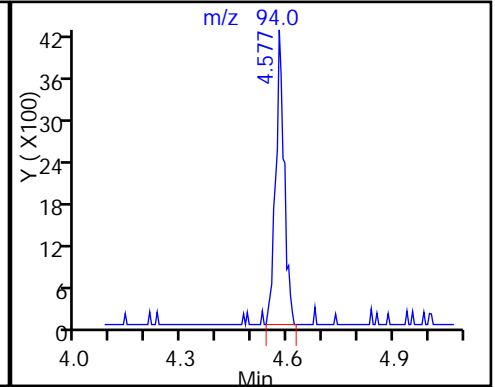
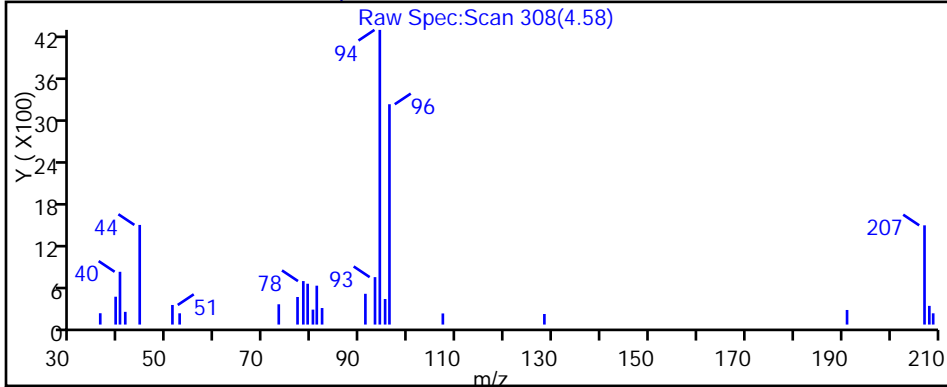
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

12 Bromomethane, CAS: 74-83-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

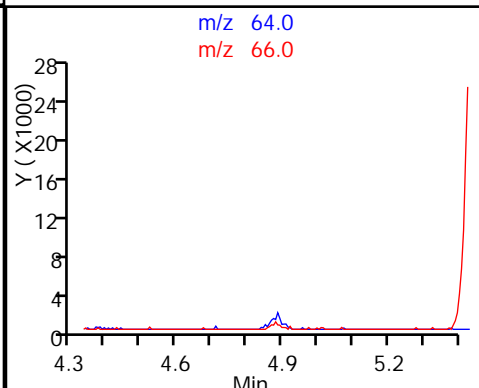
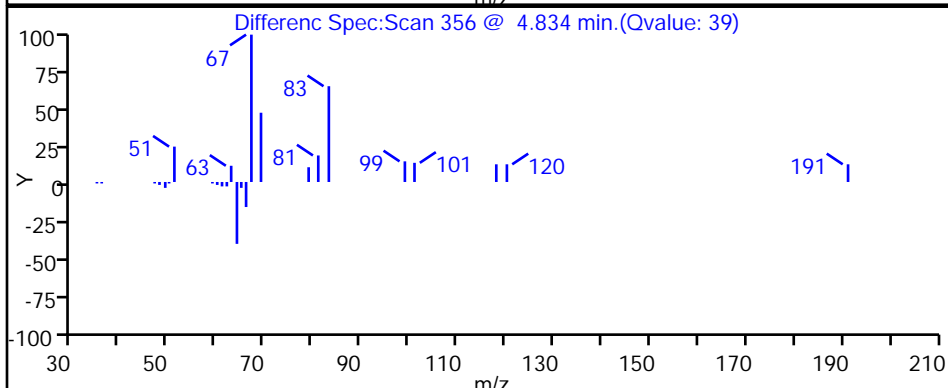
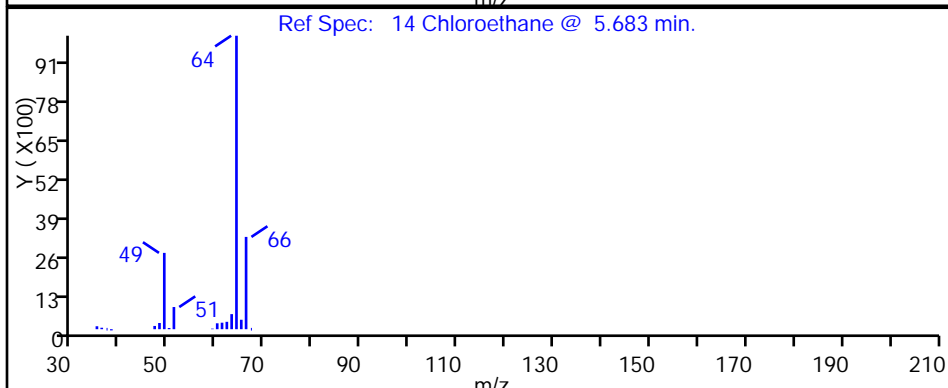
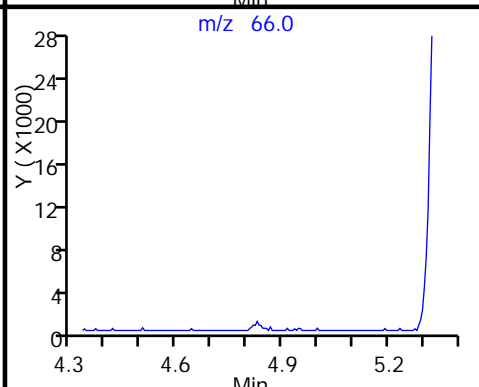
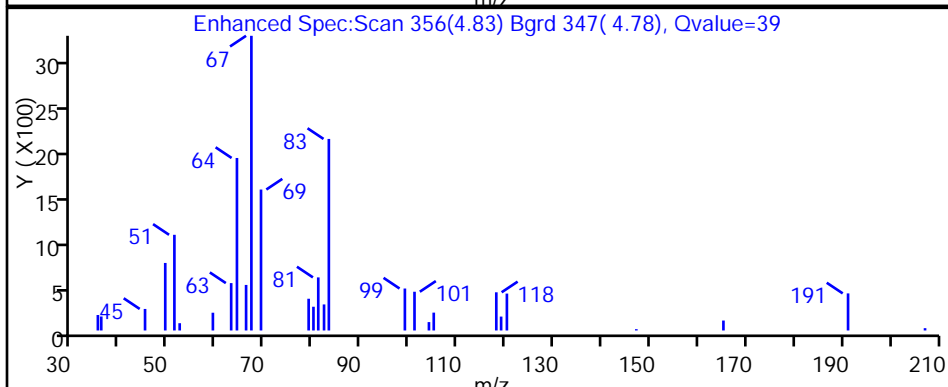
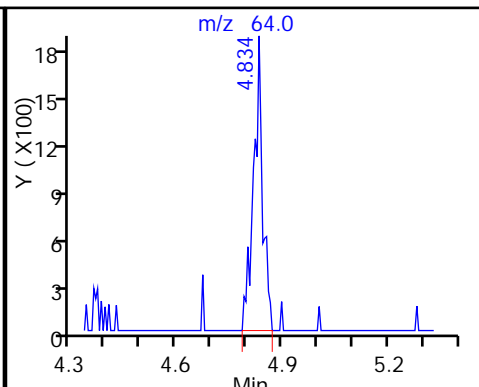
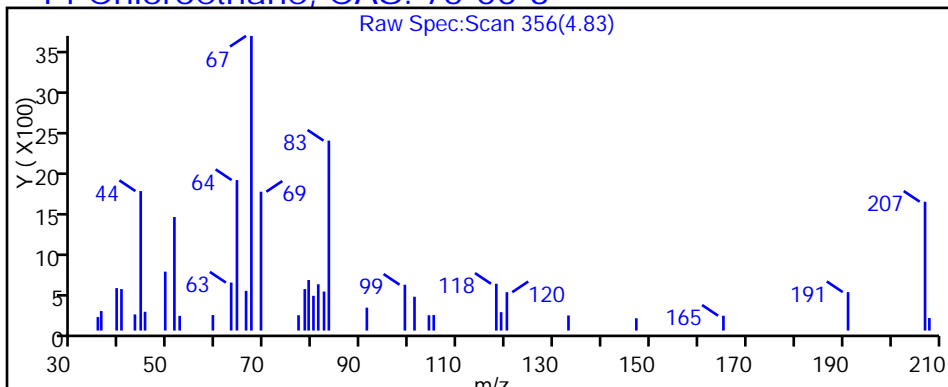
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

14 Chloroethane, CAS: 75-00-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

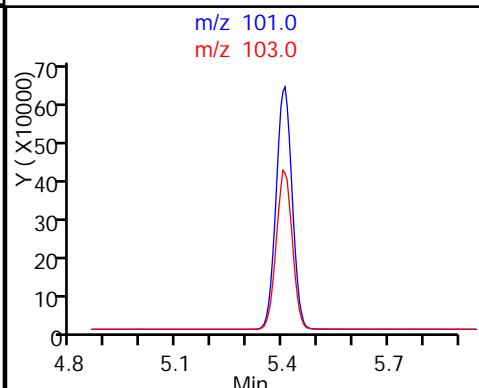
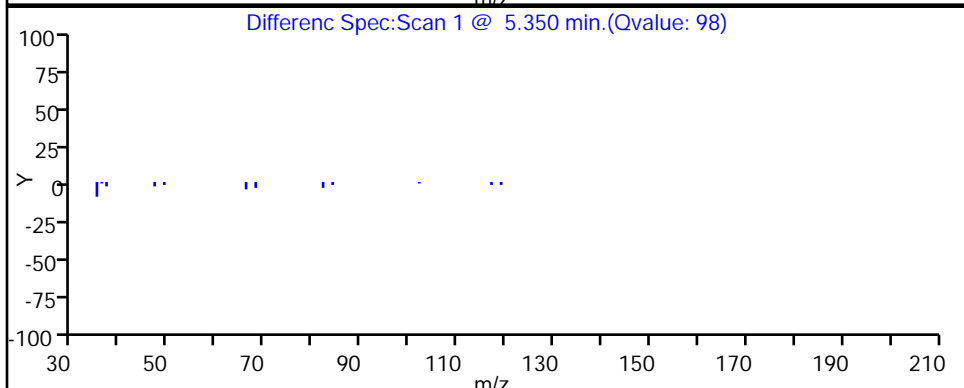
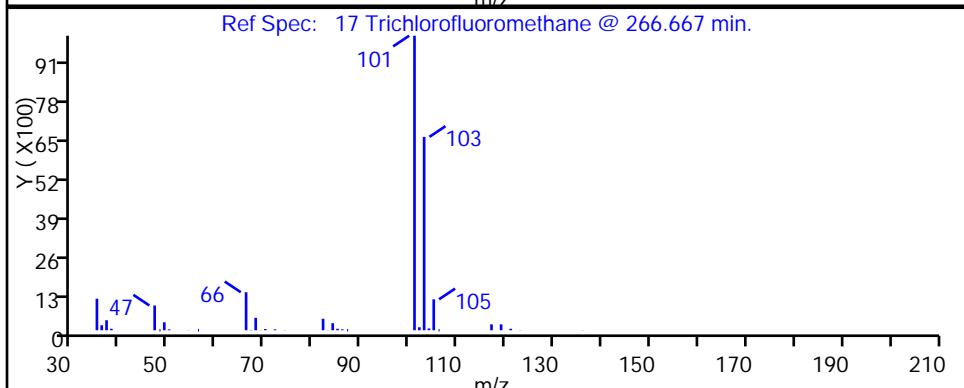
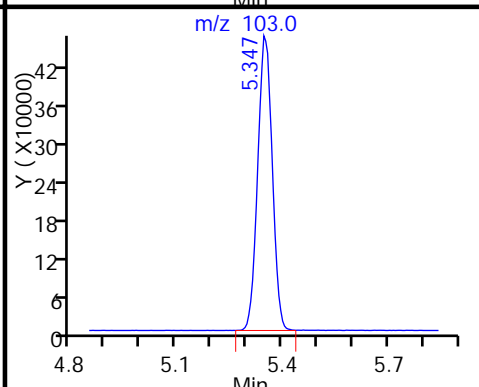
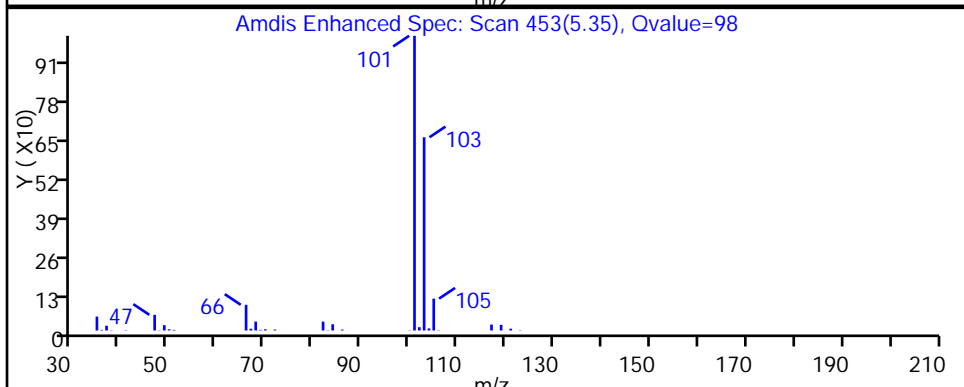
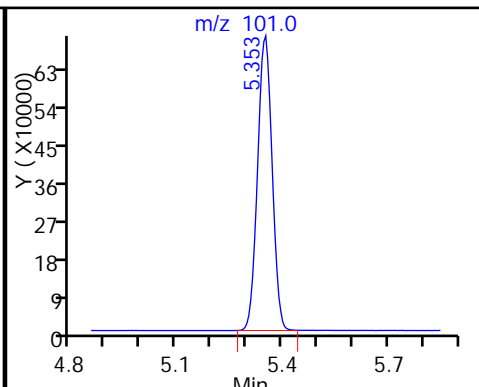
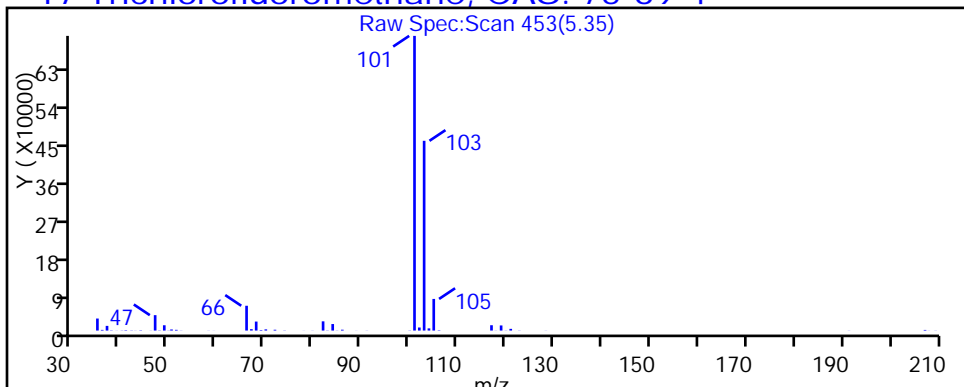
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

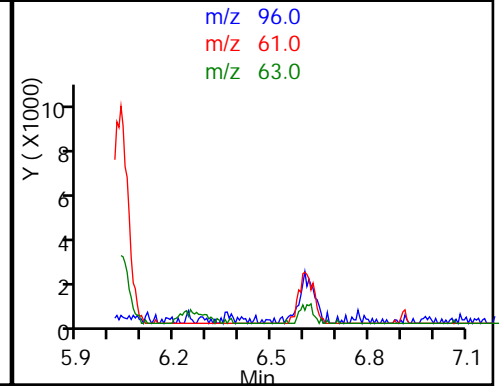
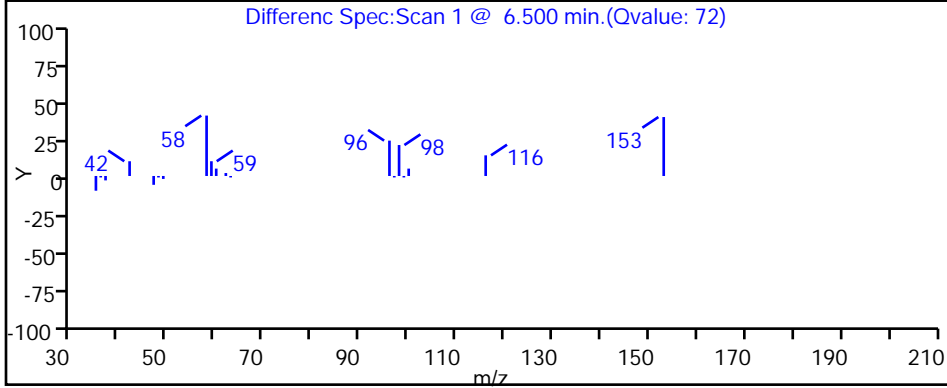
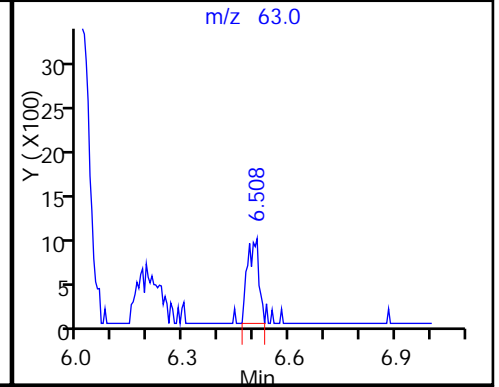
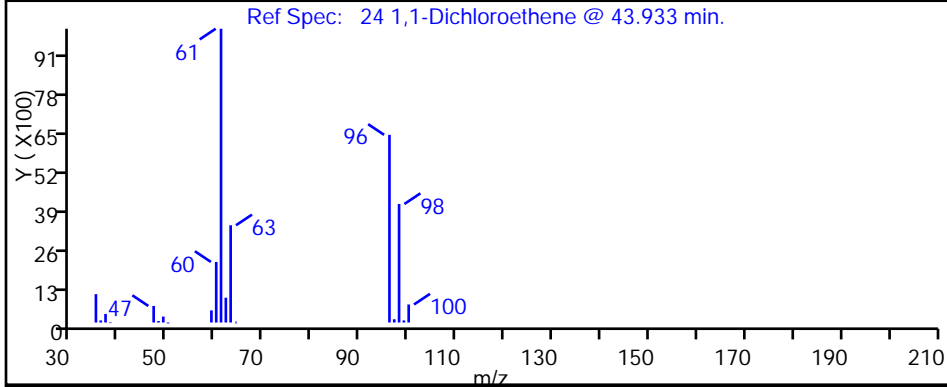
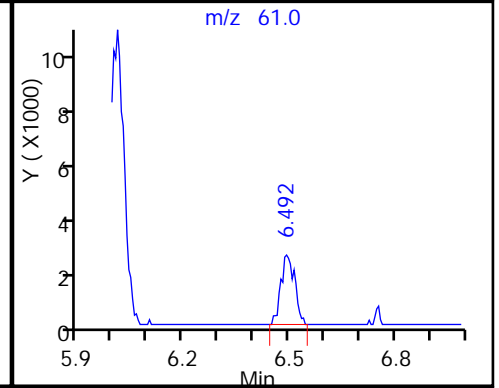
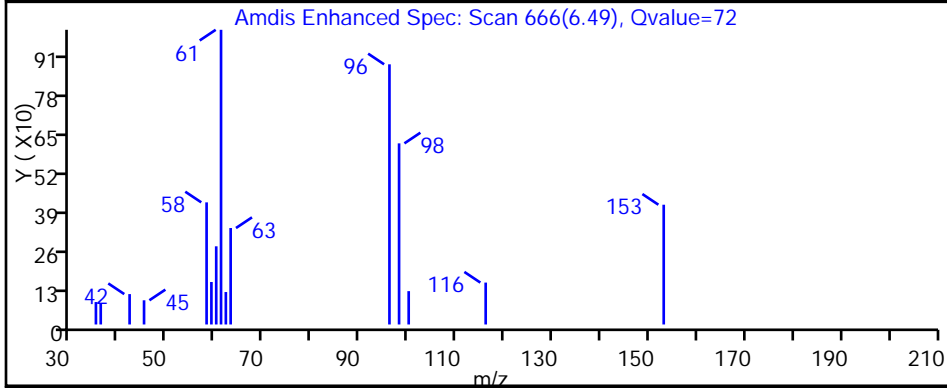
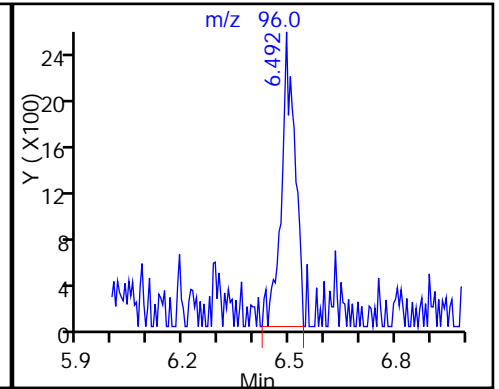
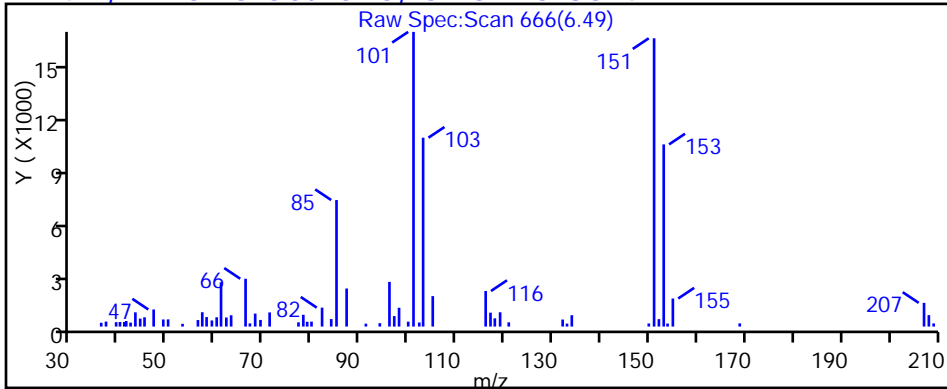
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

24 1,1-Dichloroethene, CAS: 75-35-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

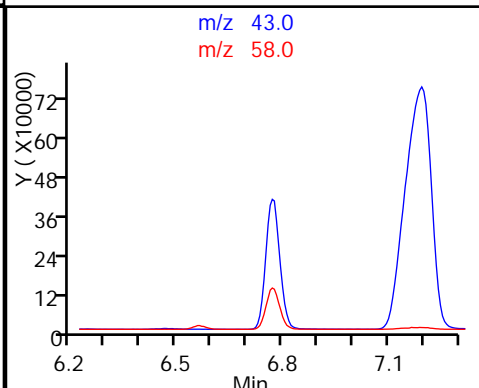
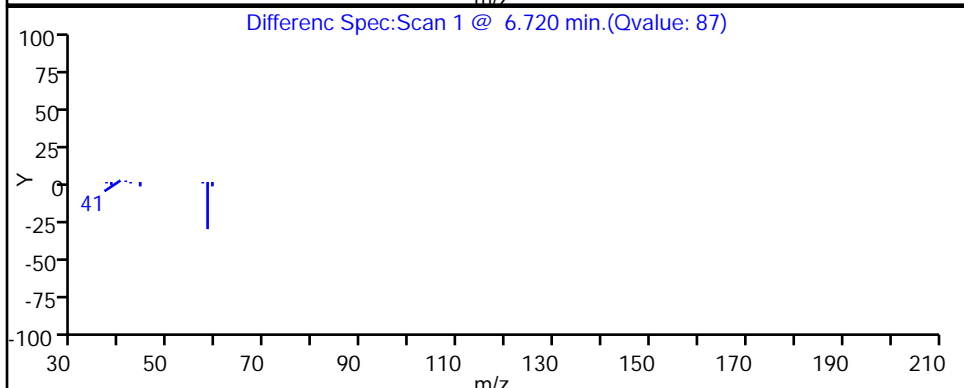
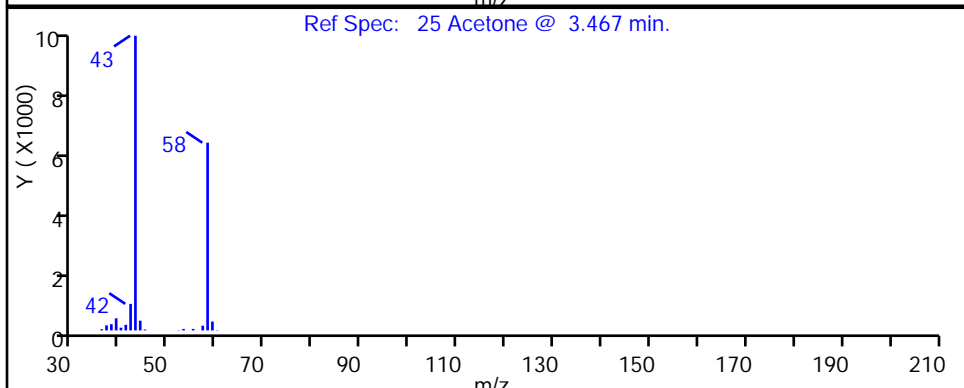
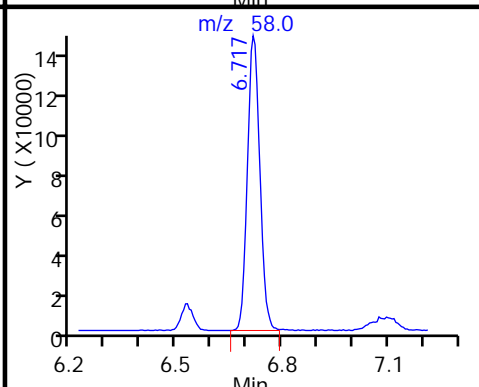
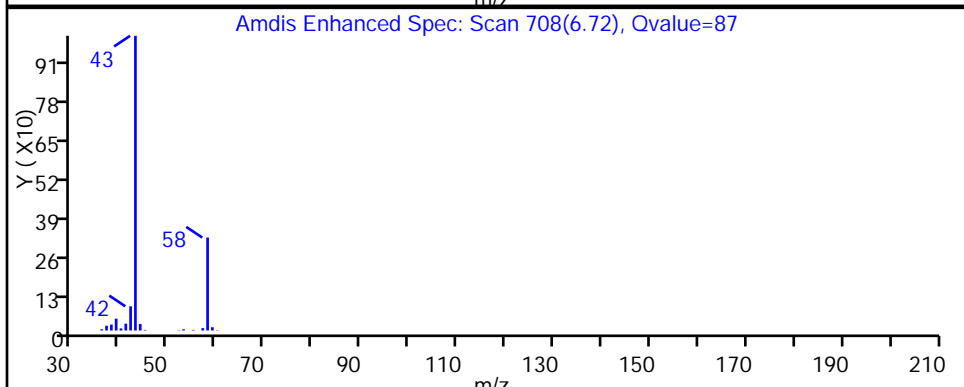
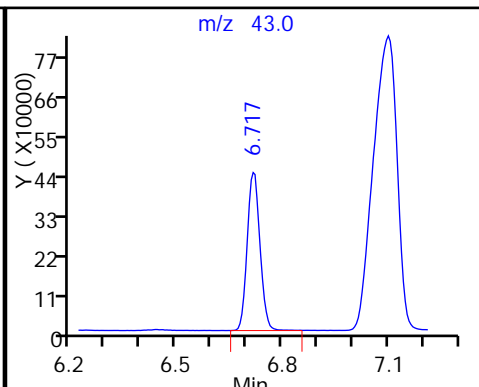
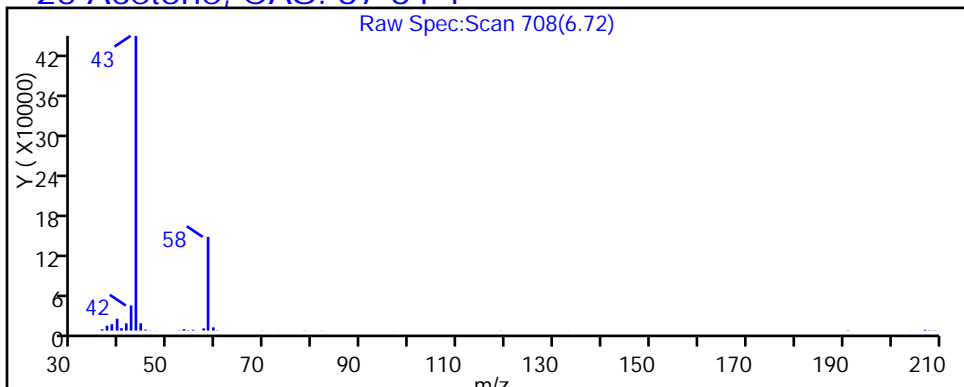
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

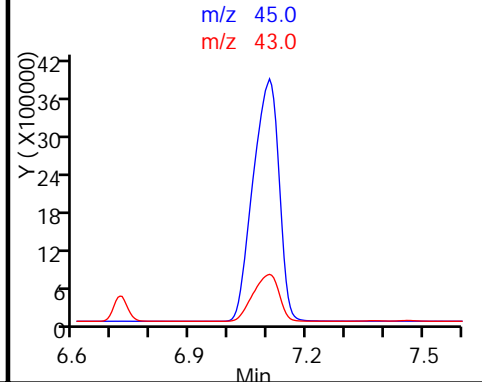
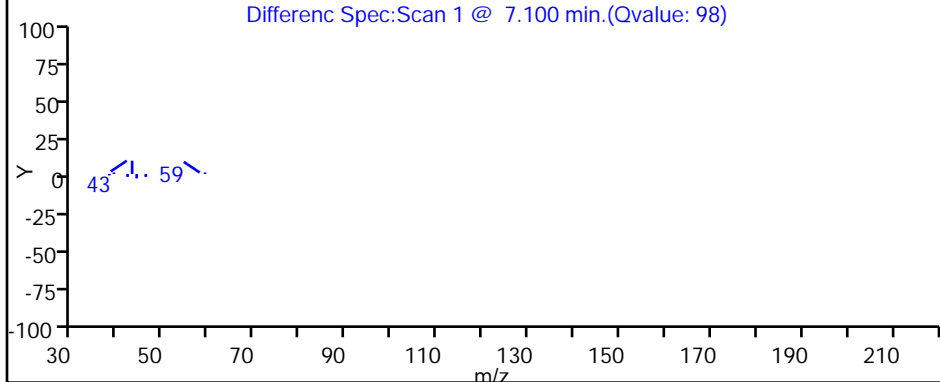
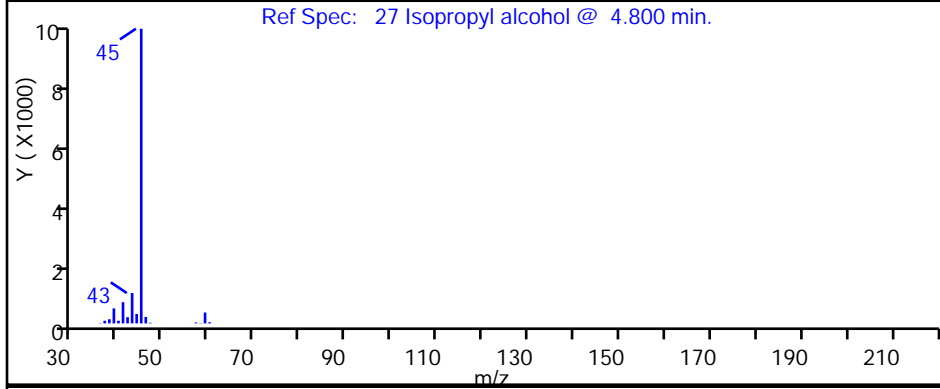
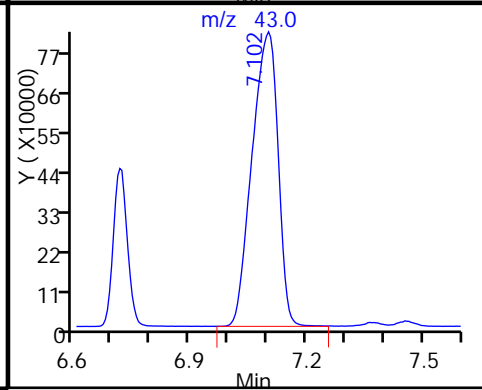
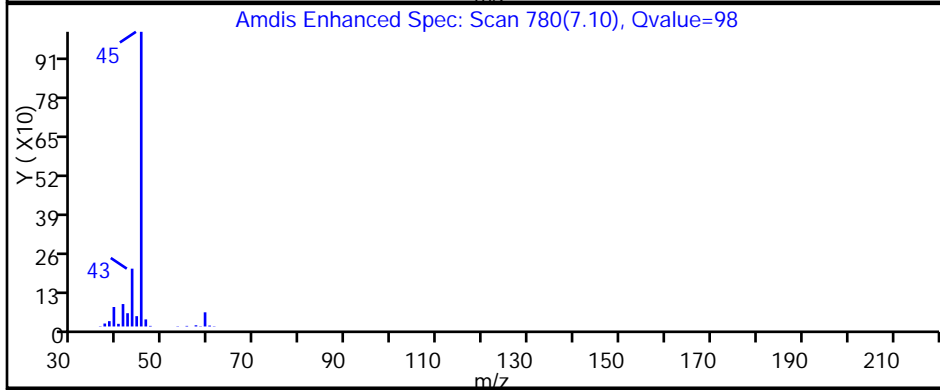
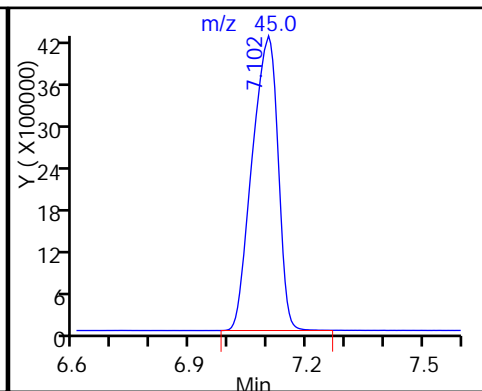
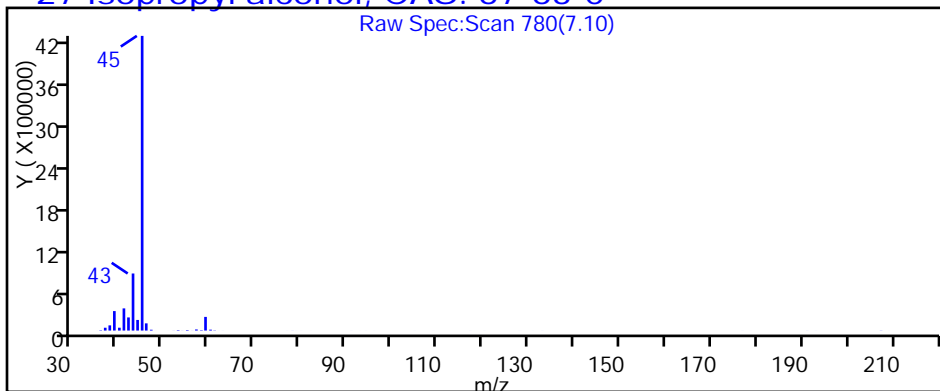
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

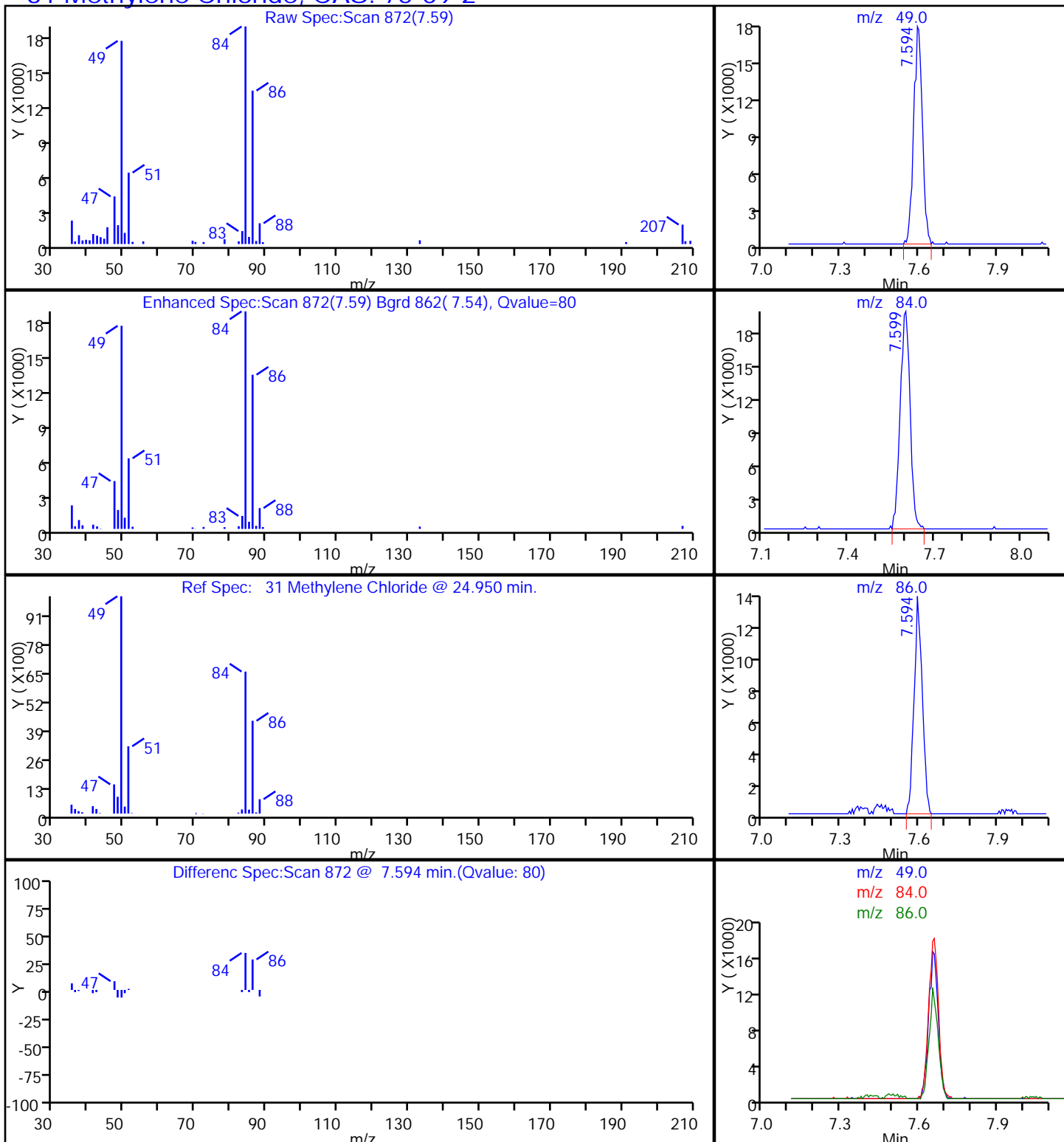
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

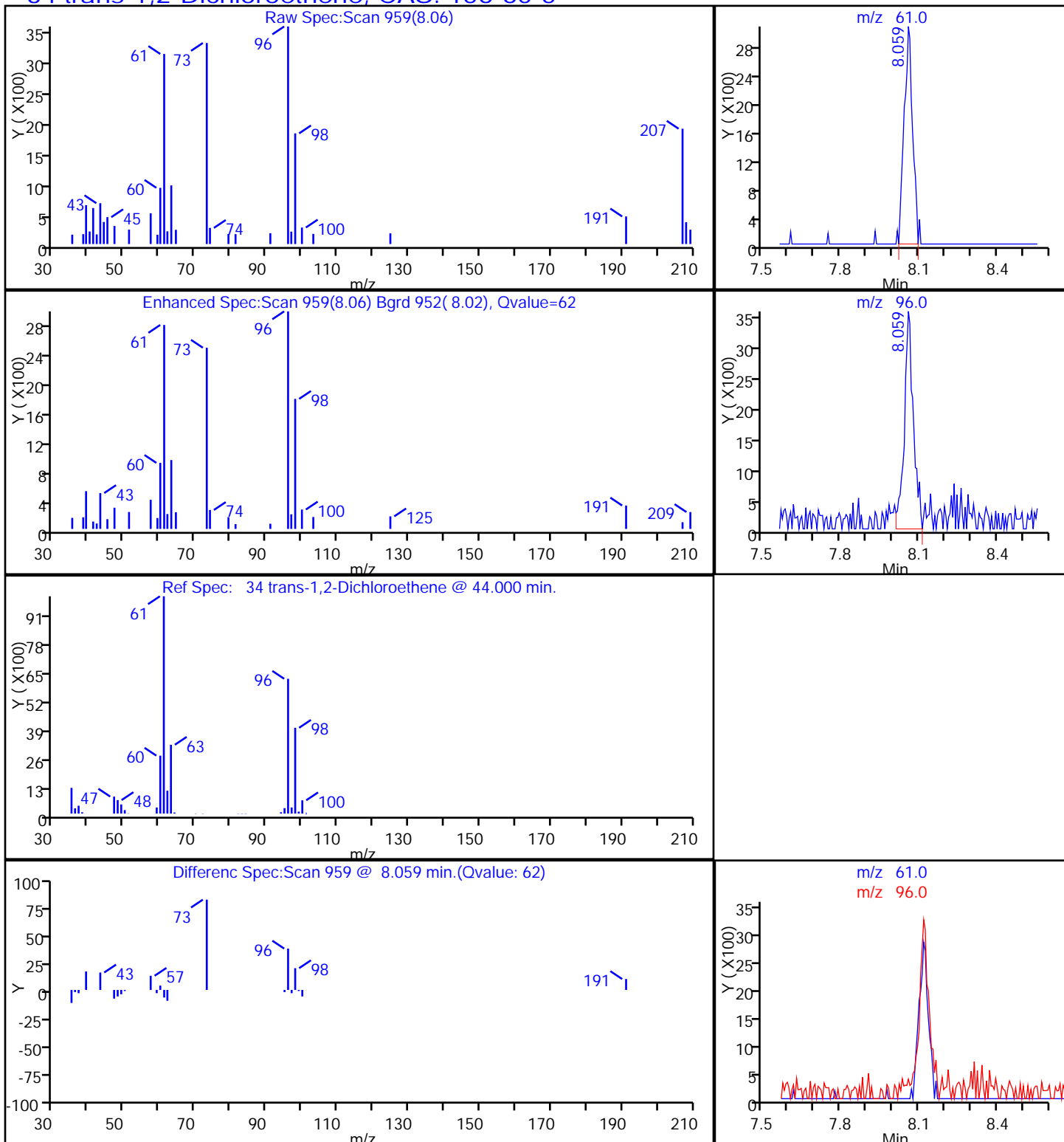
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

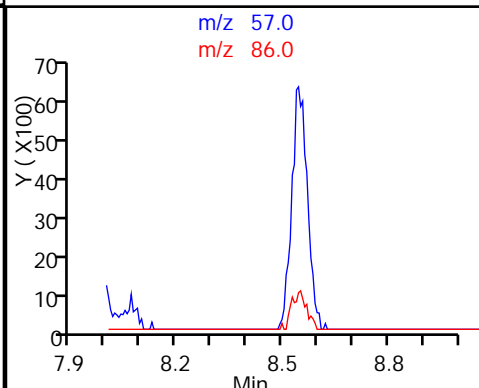
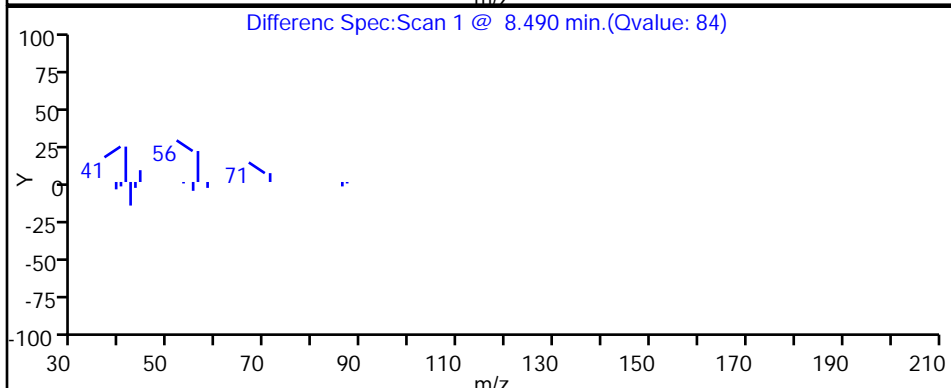
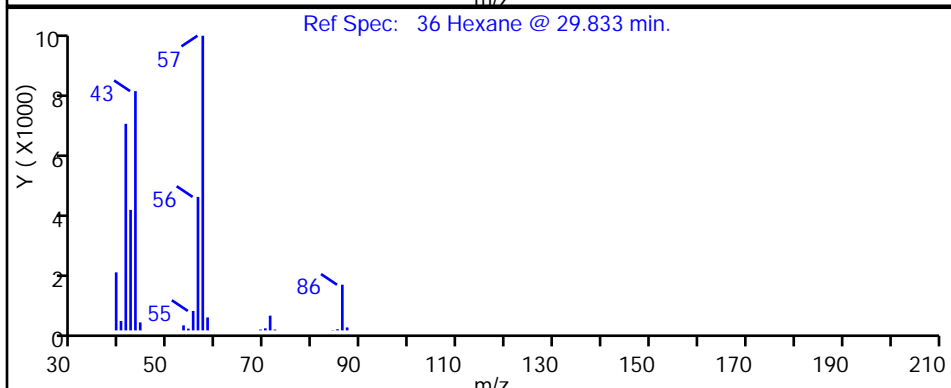
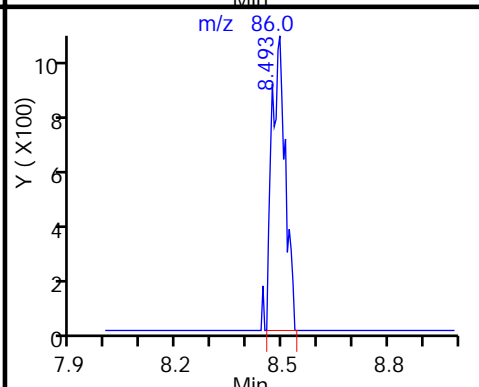
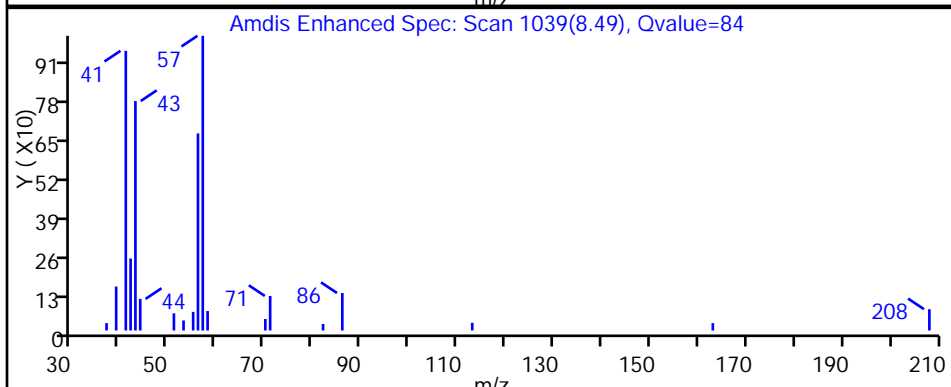
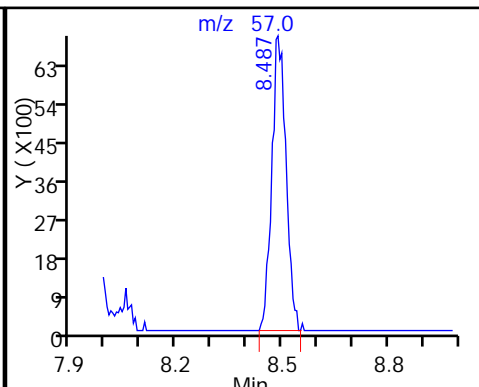
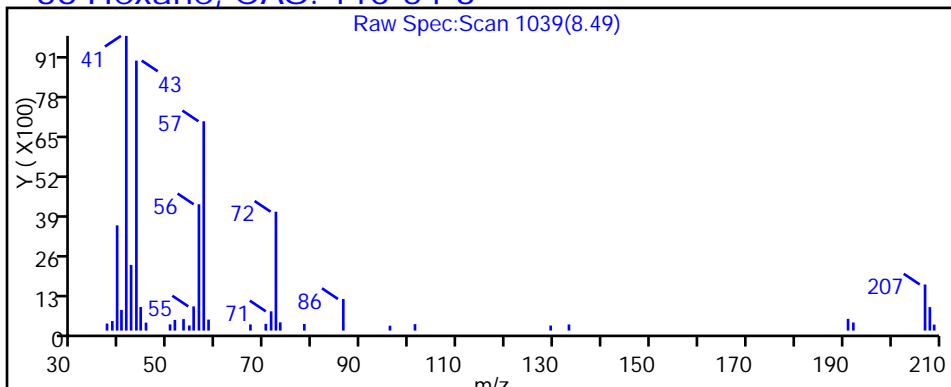
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

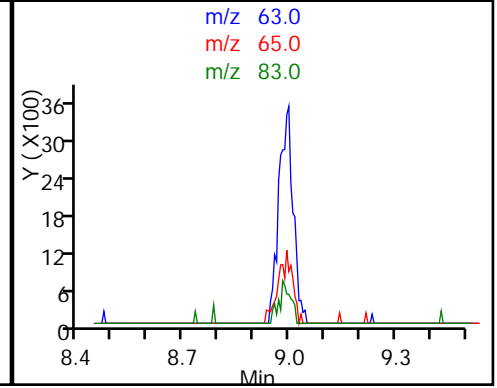
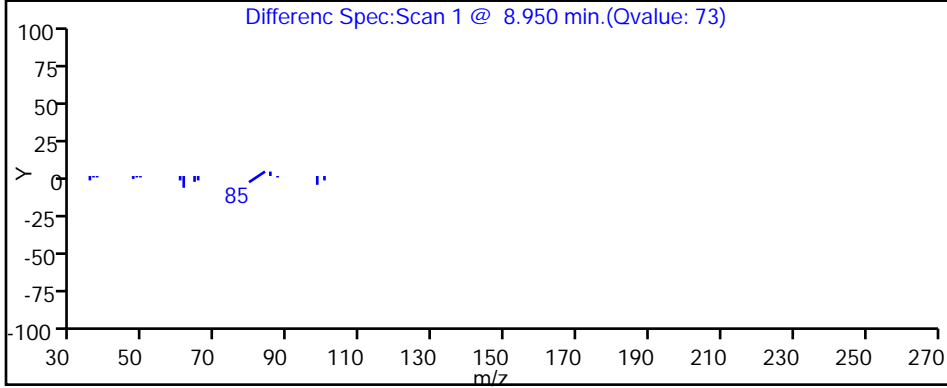
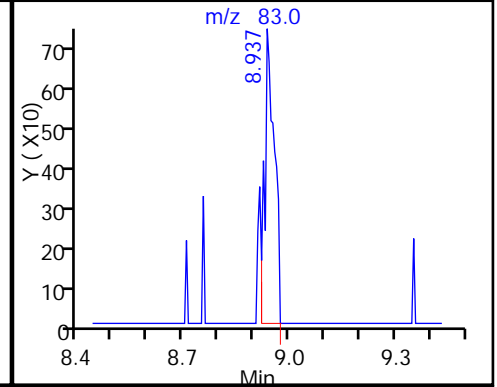
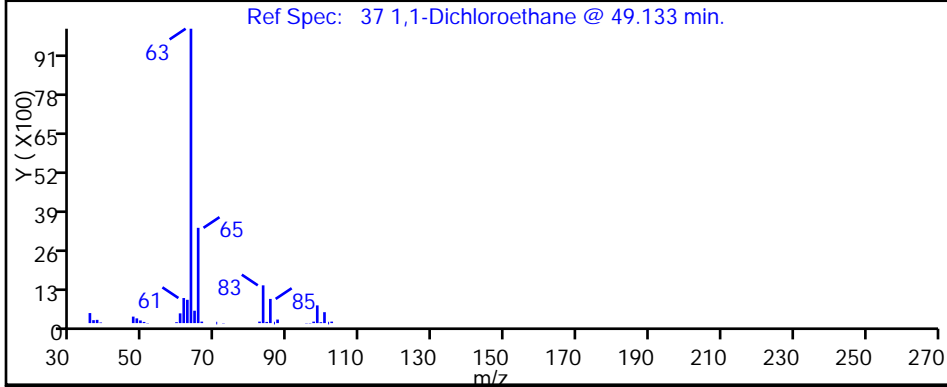
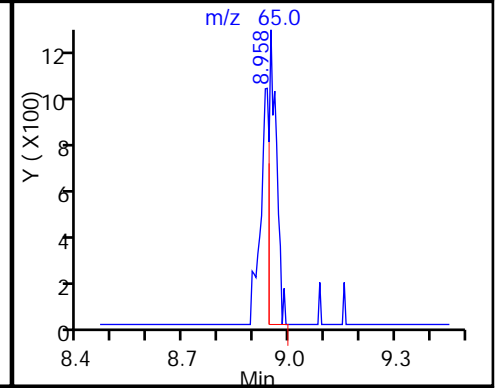
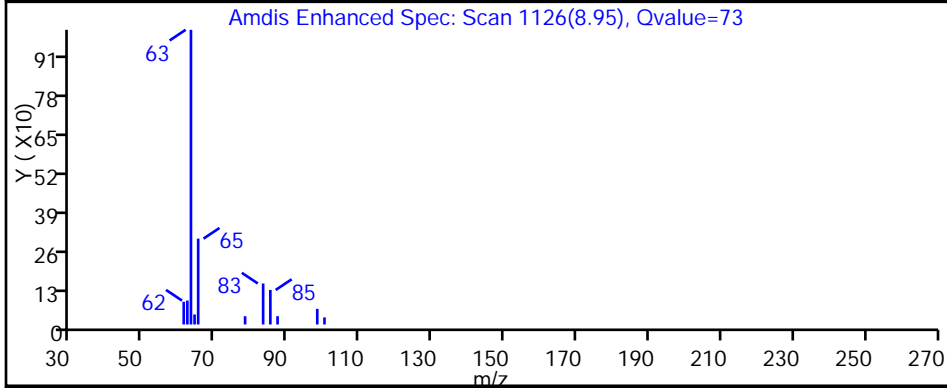
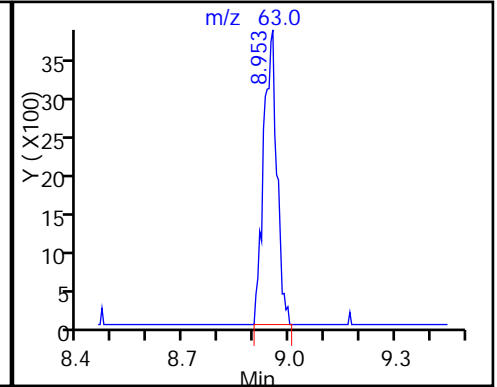
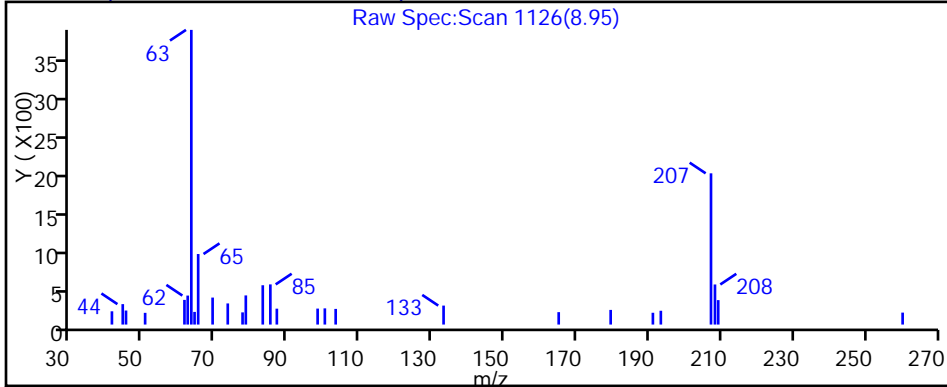
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

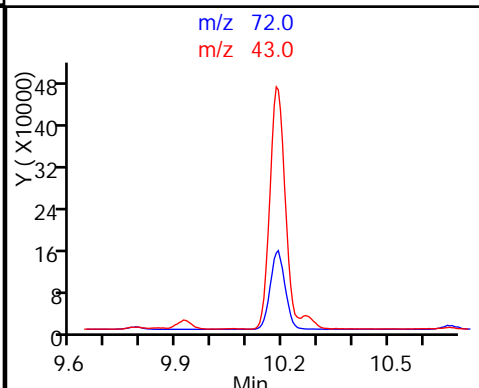
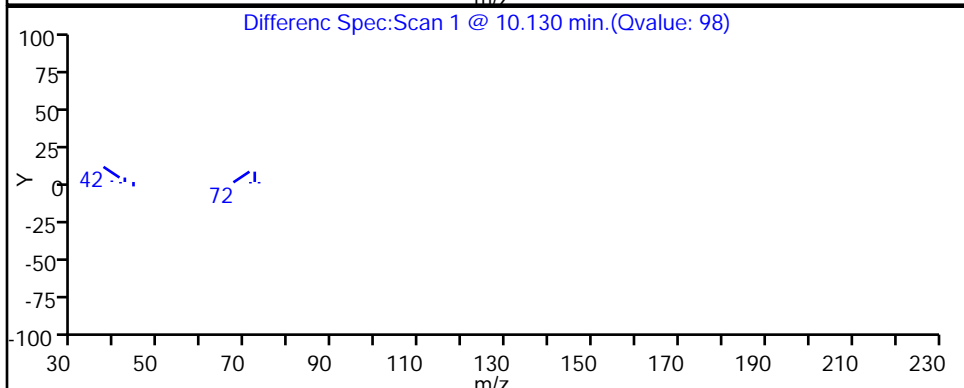
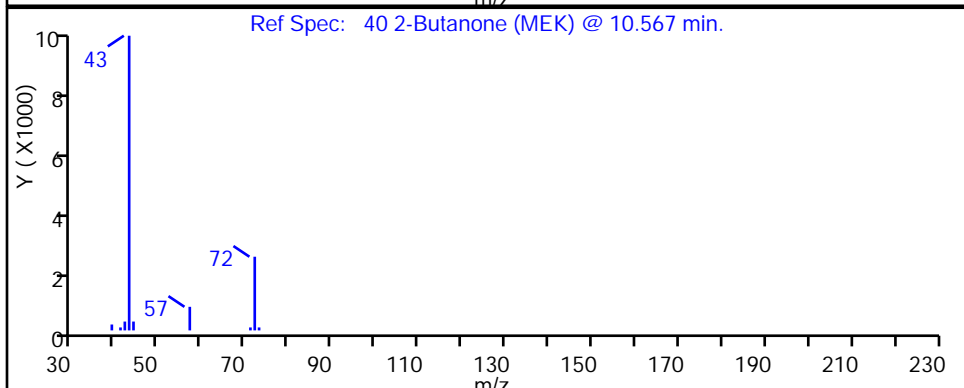
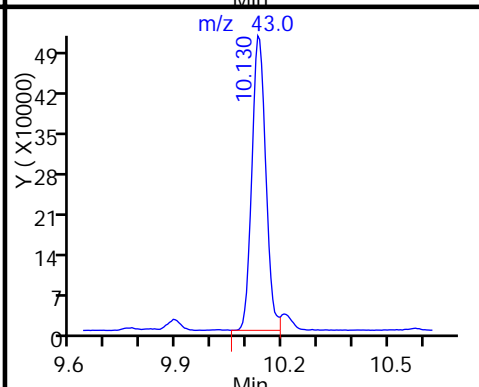
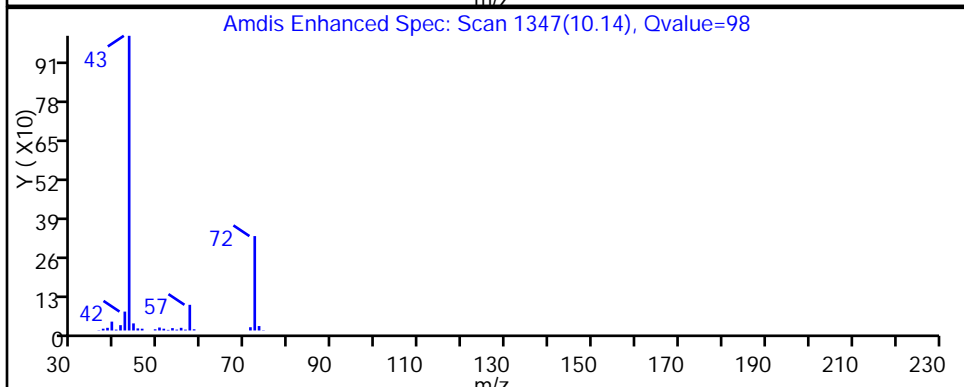
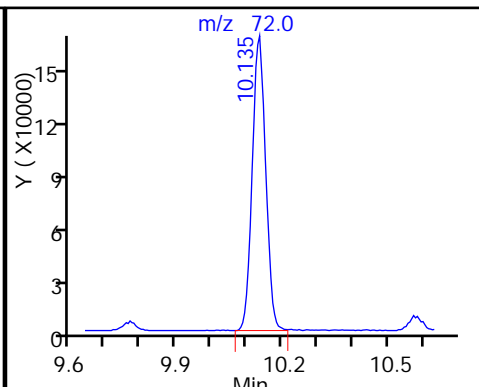
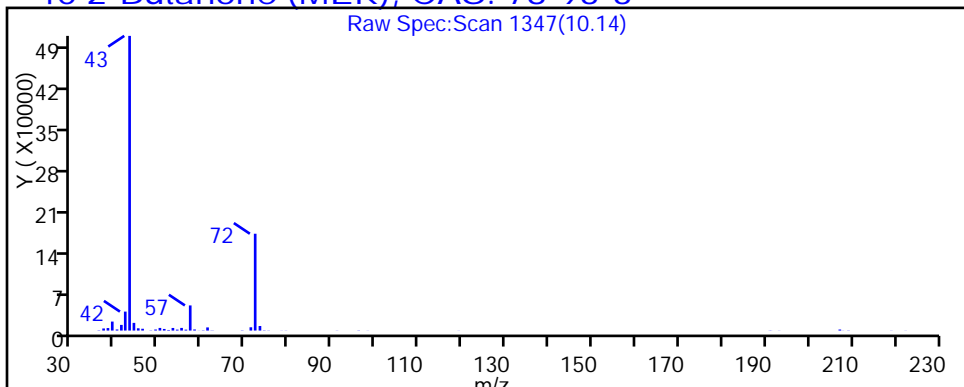
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

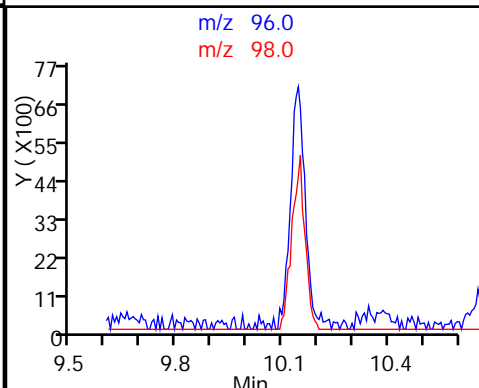
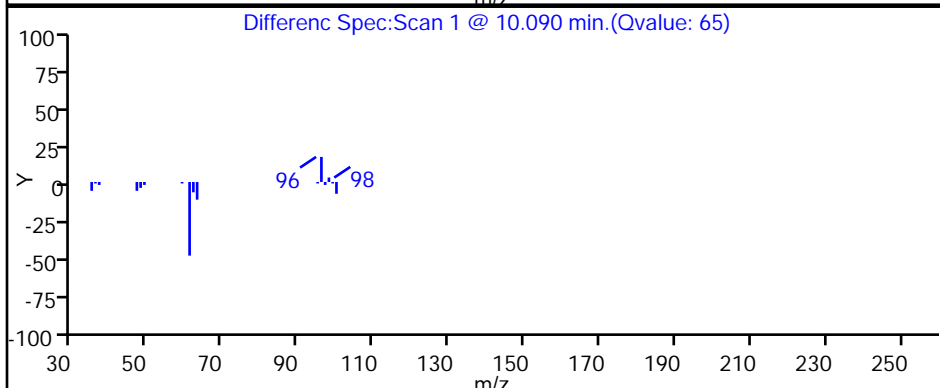
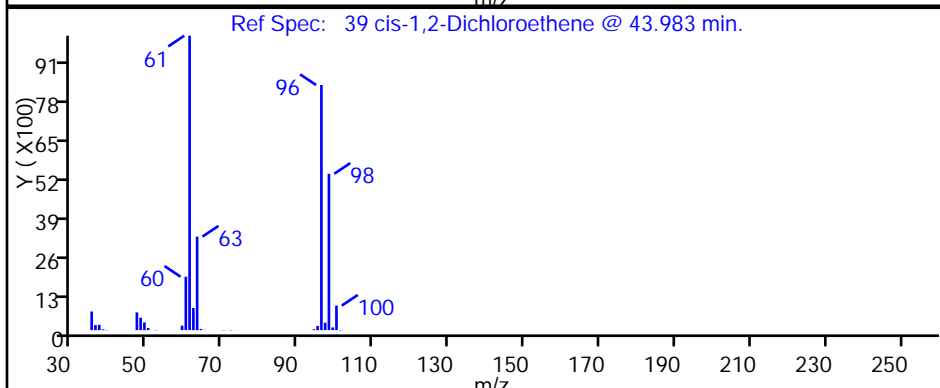
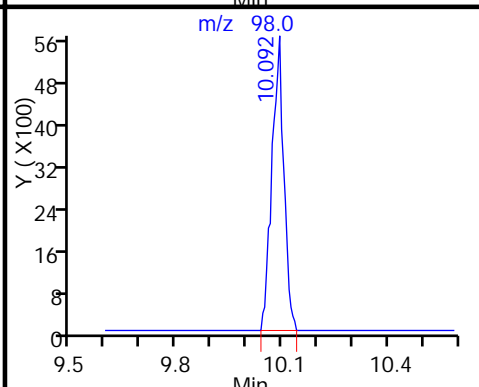
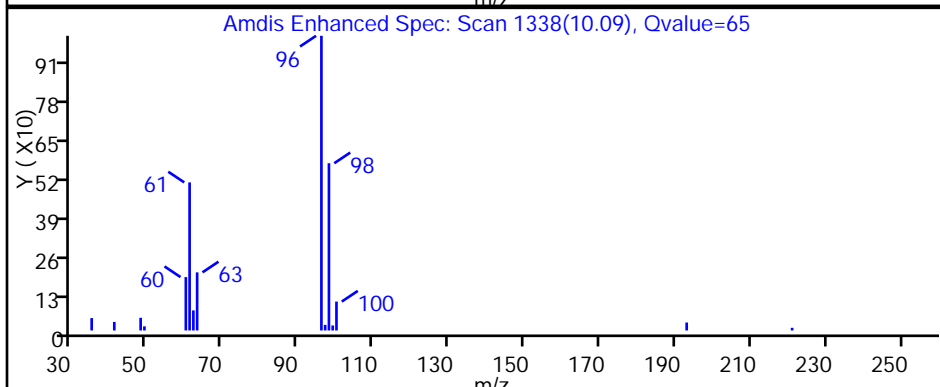
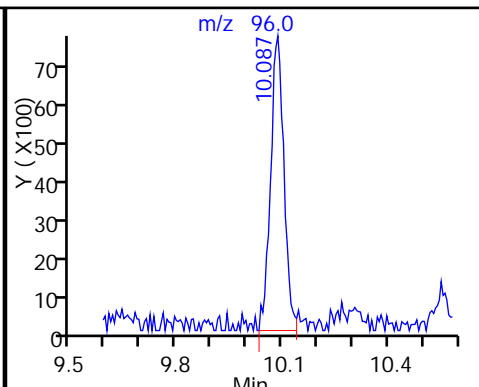
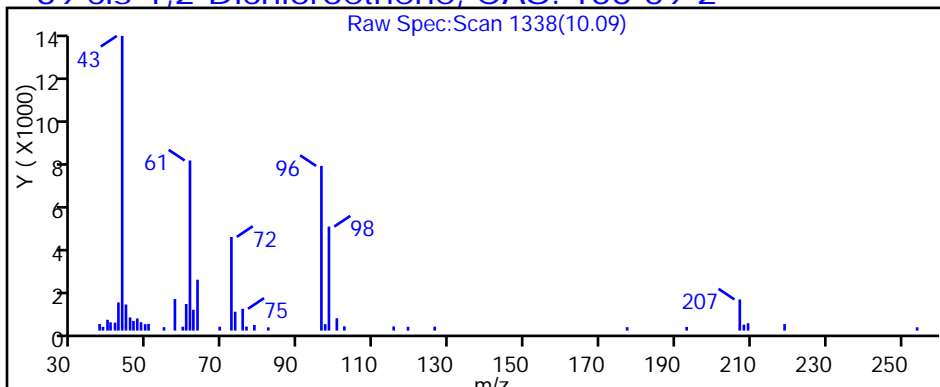
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

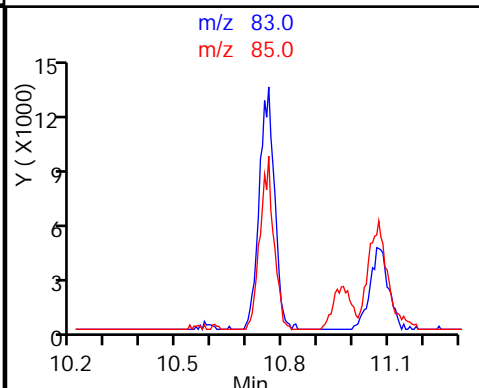
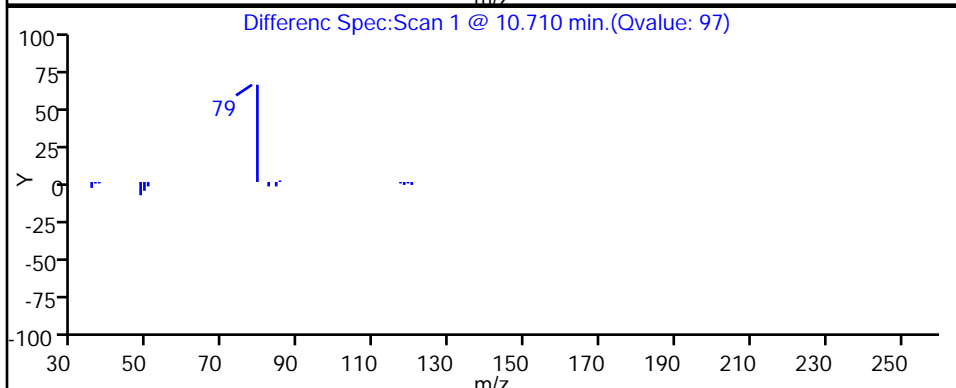
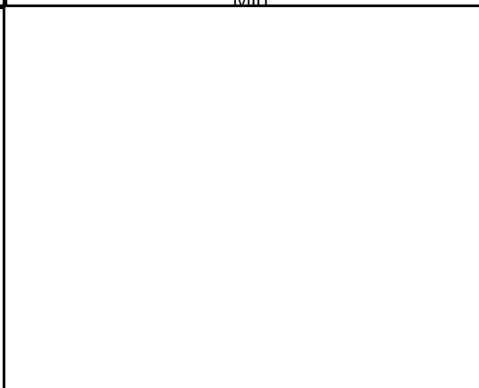
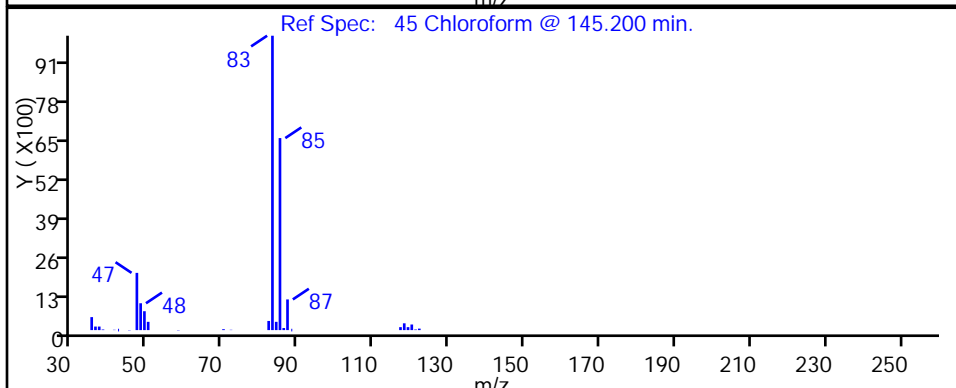
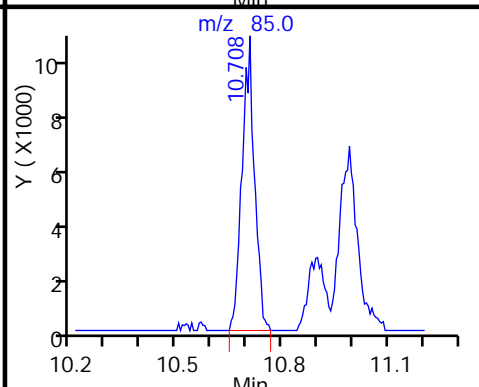
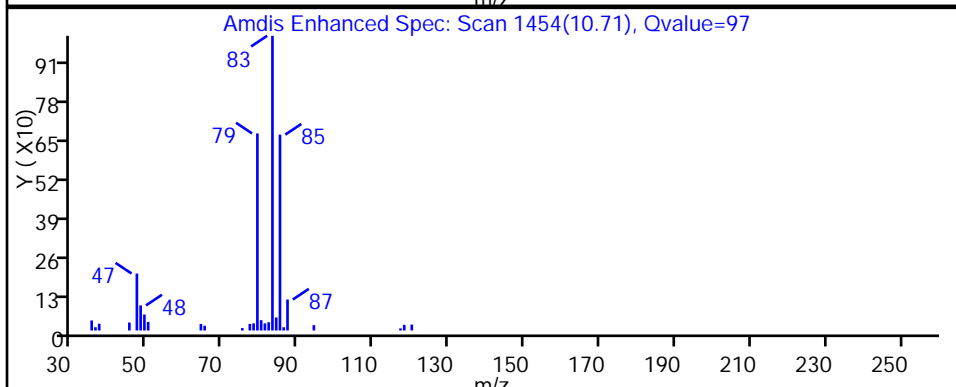
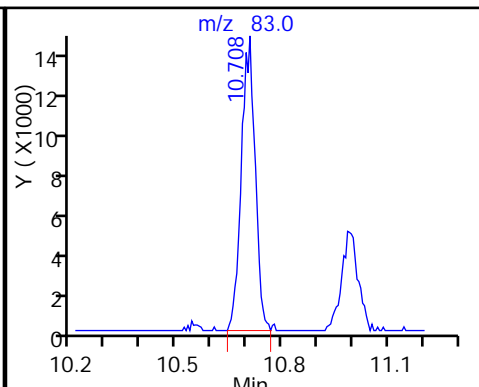
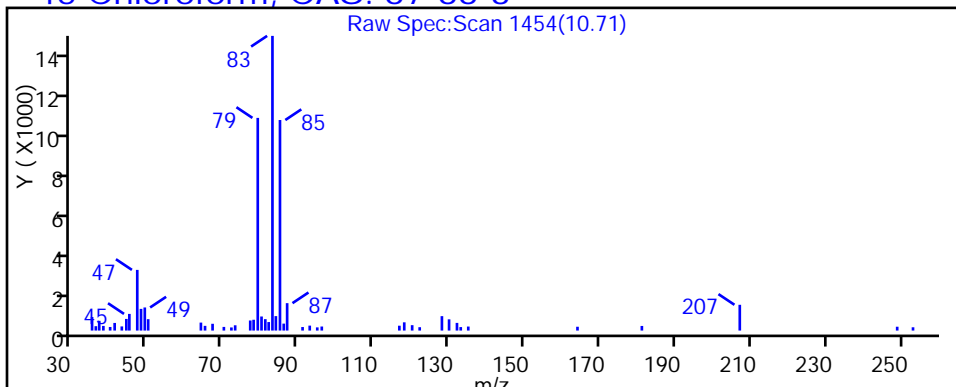
Method: TO15_LLJN_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

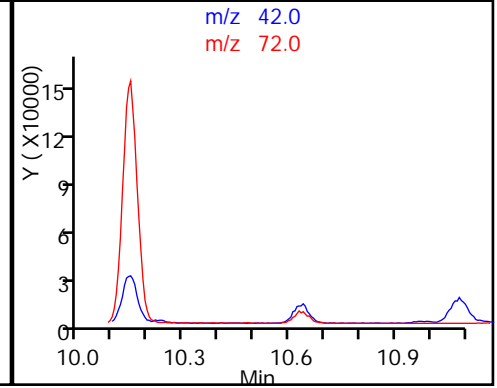
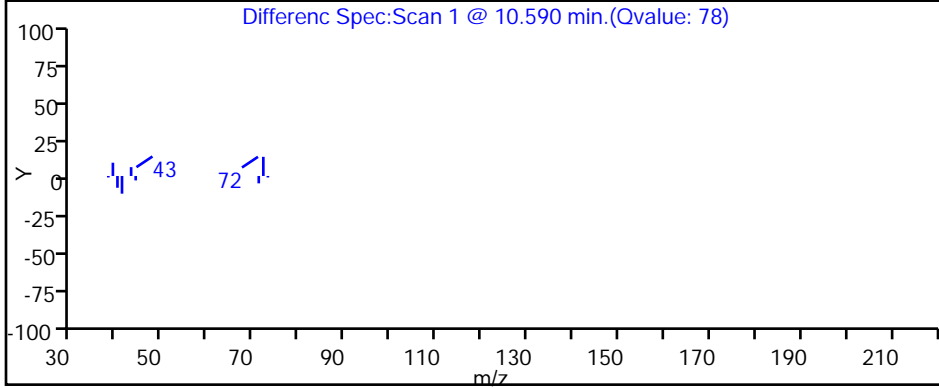
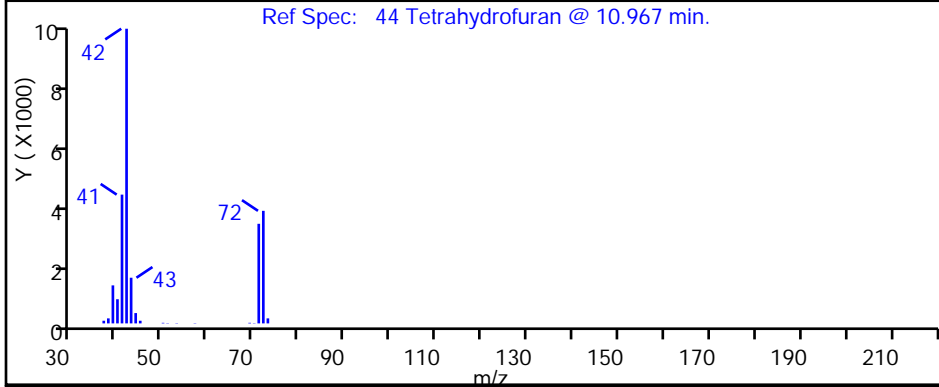
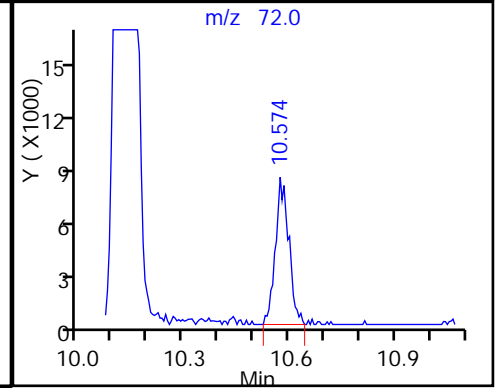
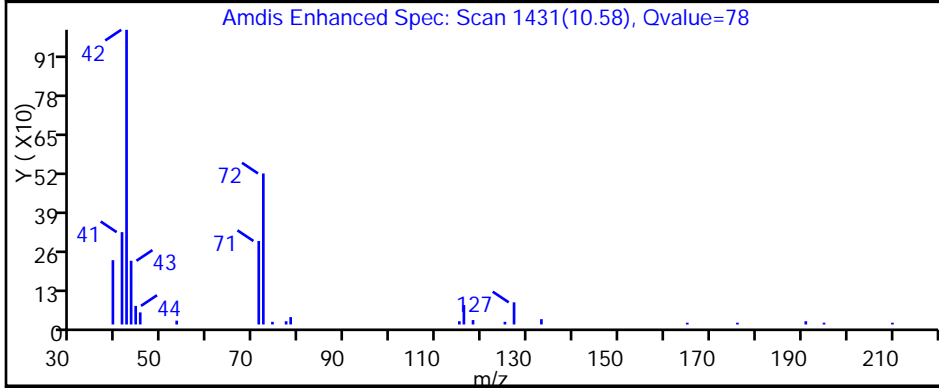
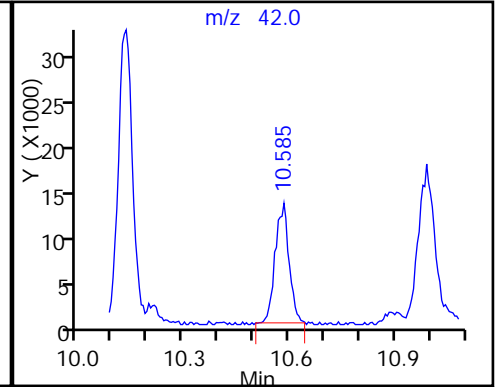
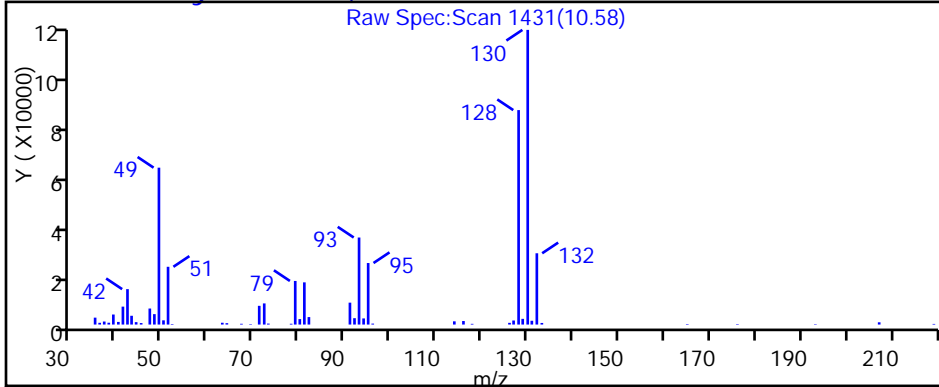
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

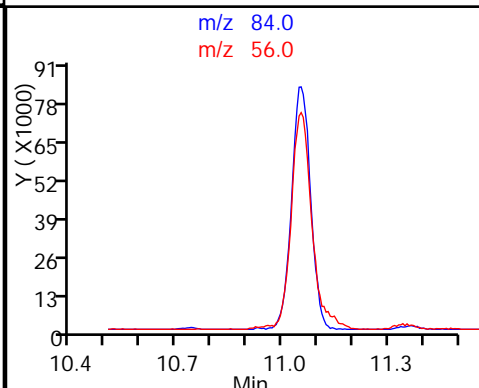
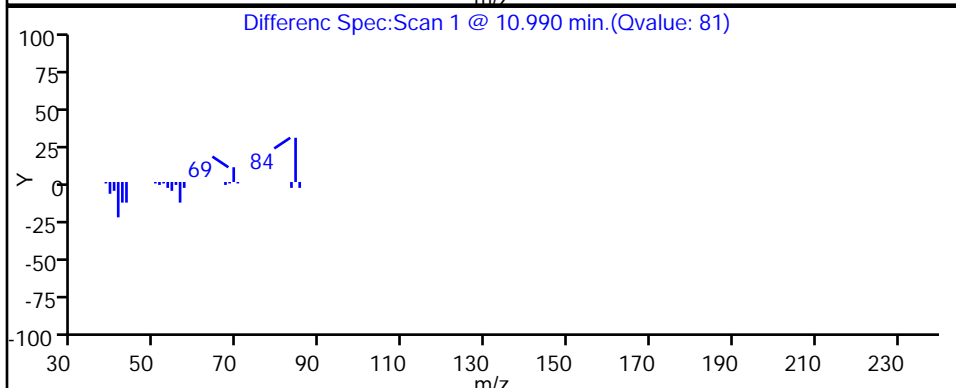
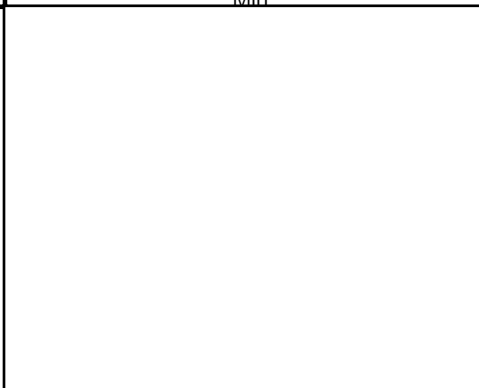
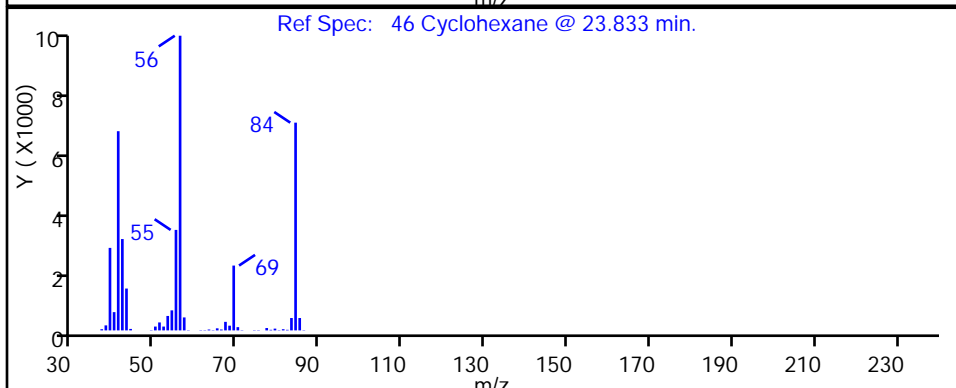
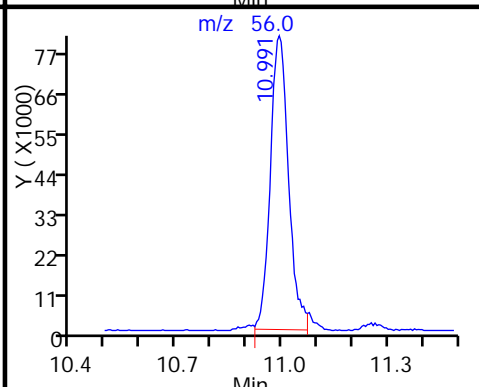
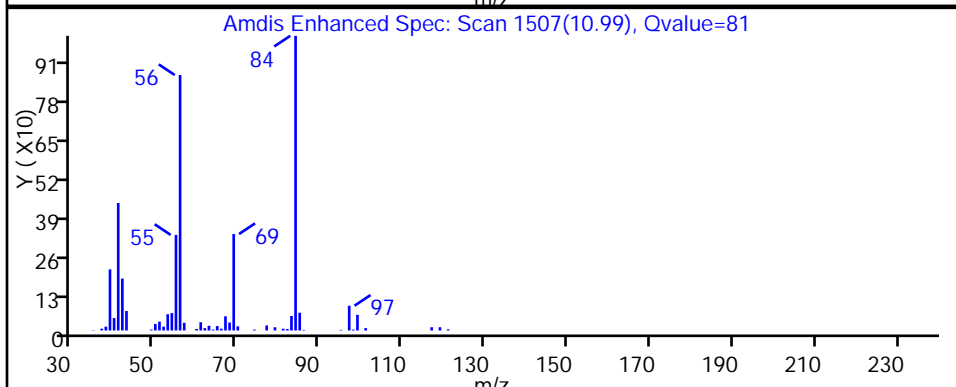
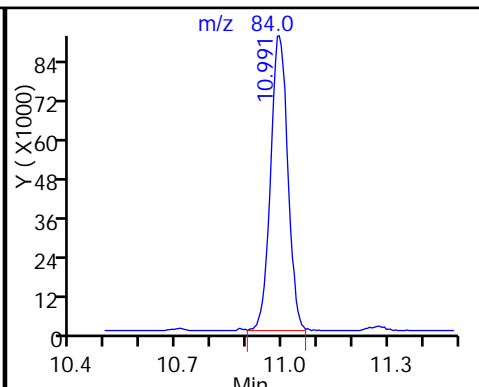
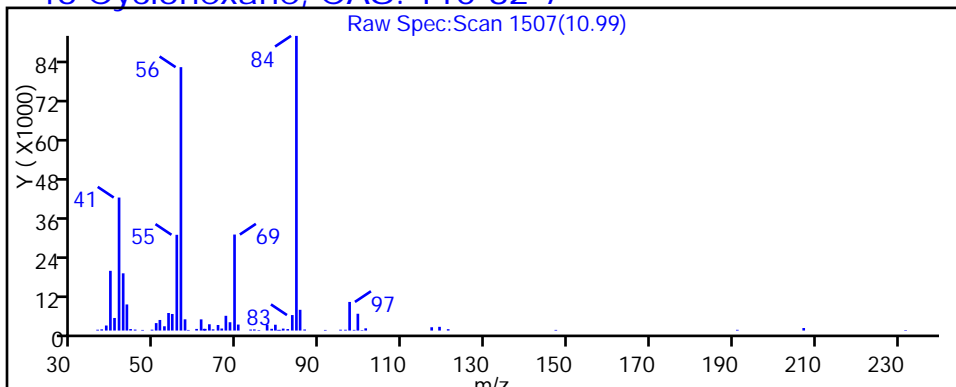
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

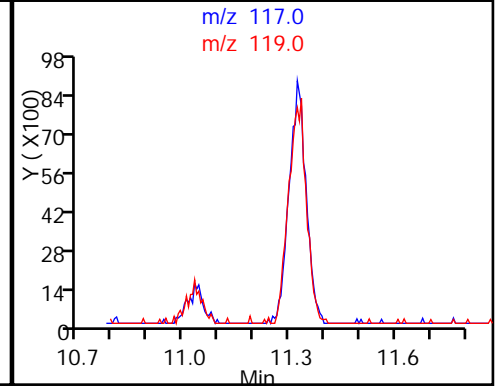
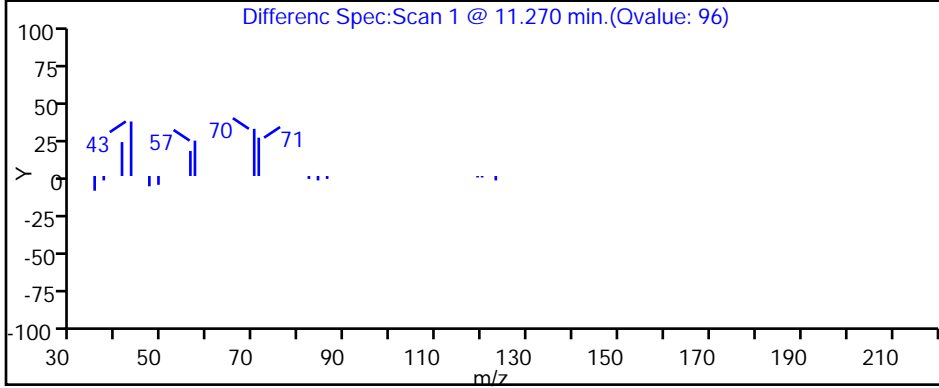
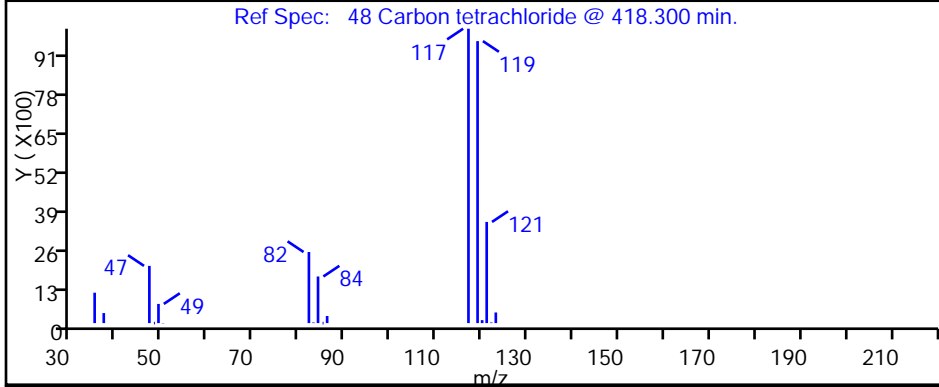
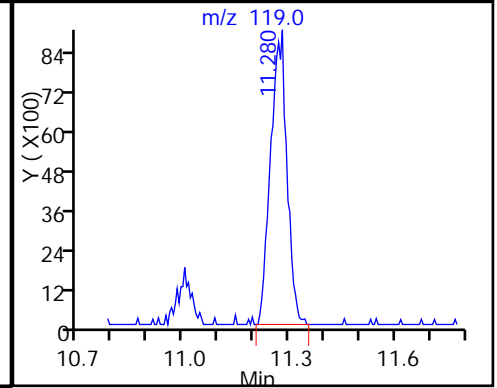
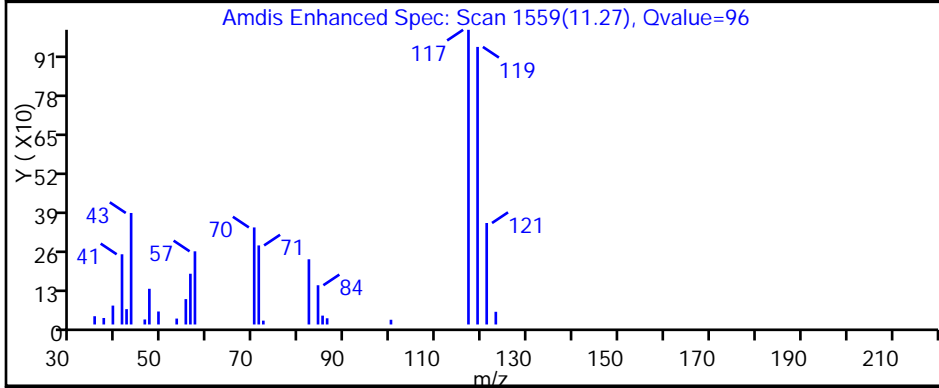
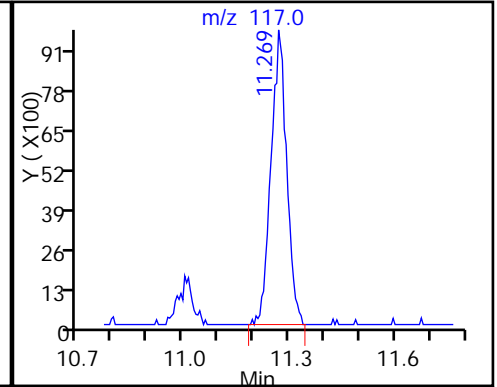
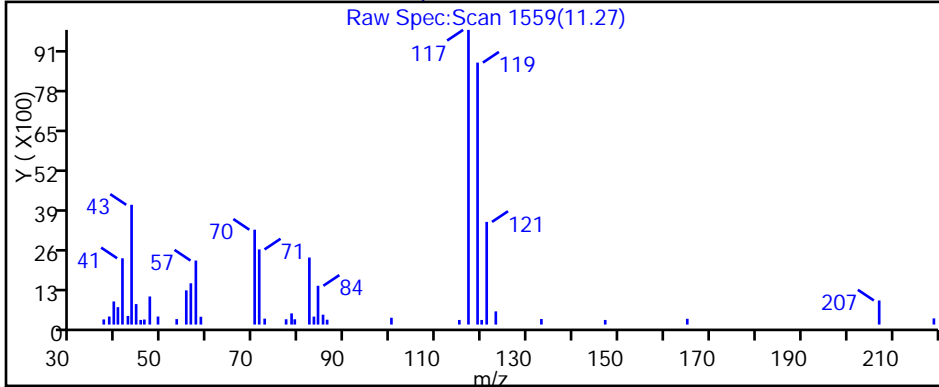
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

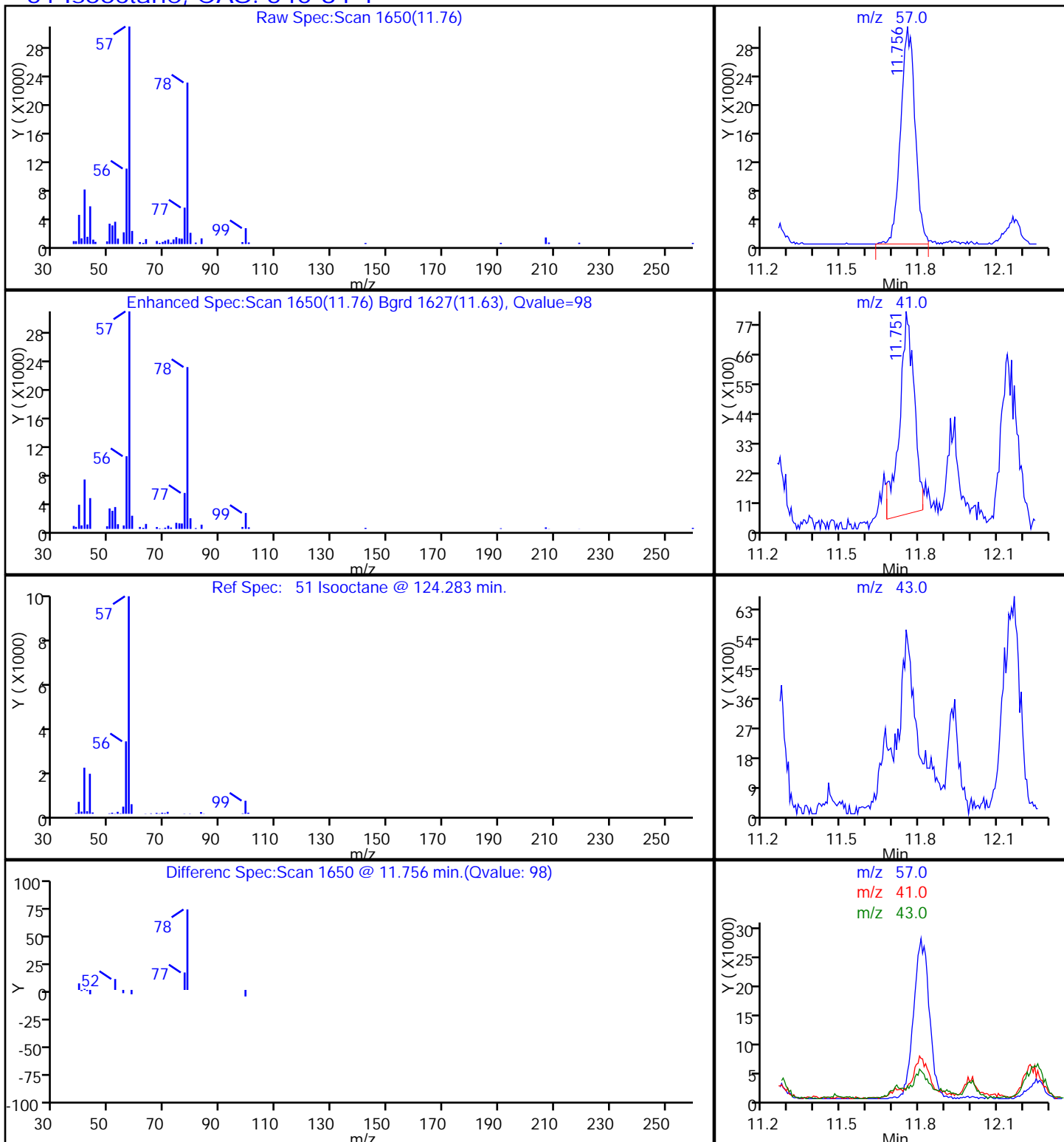
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

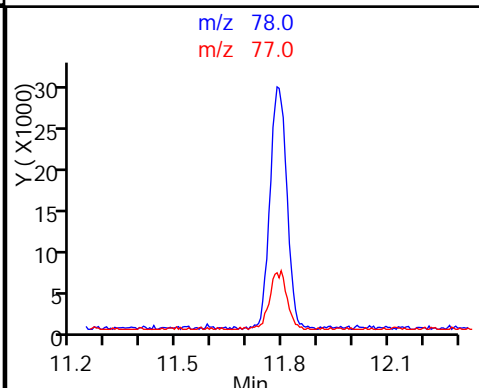
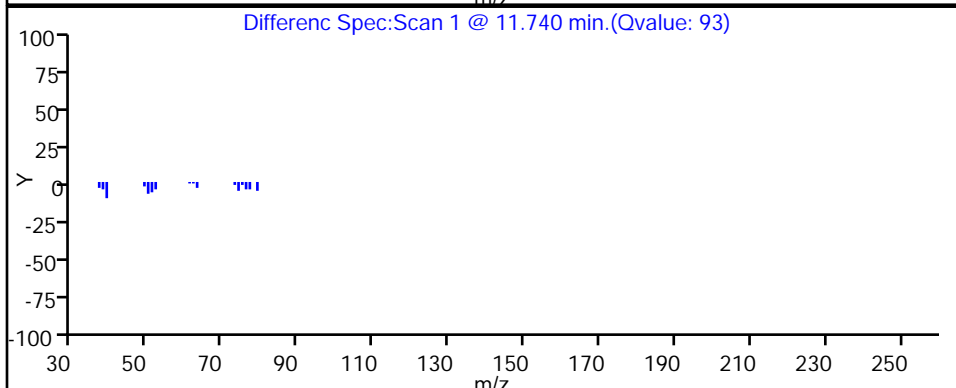
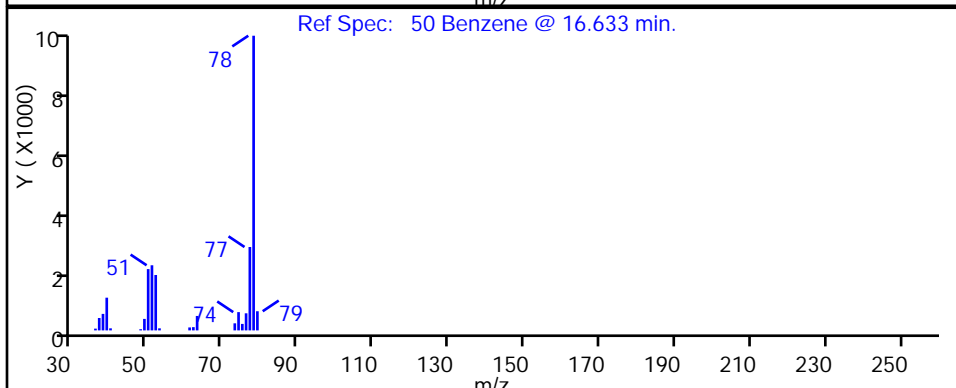
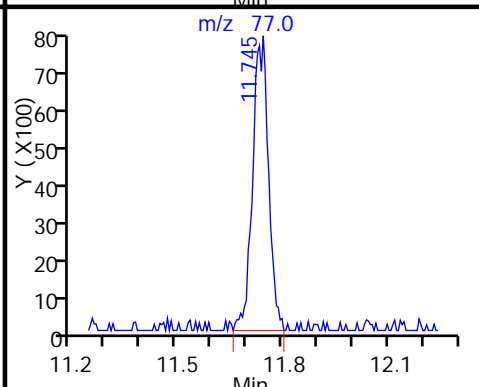
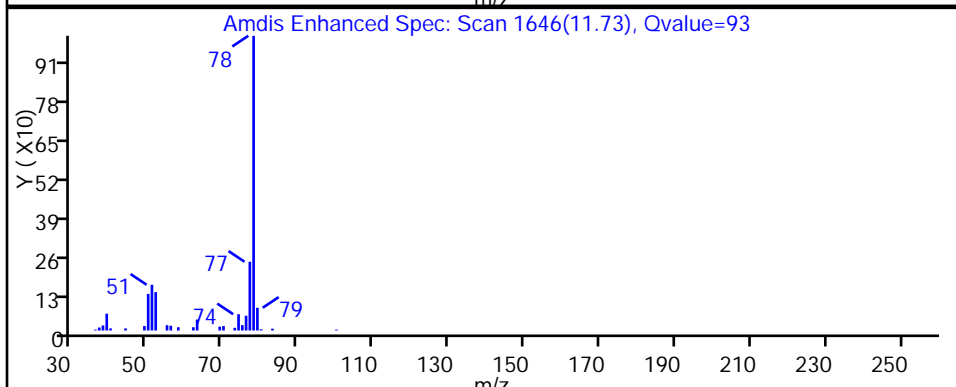
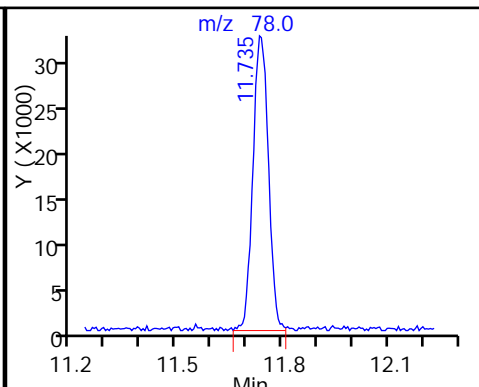
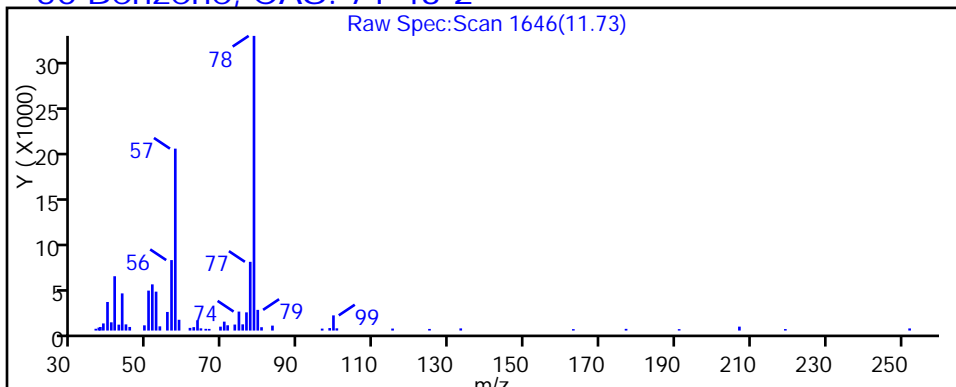
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

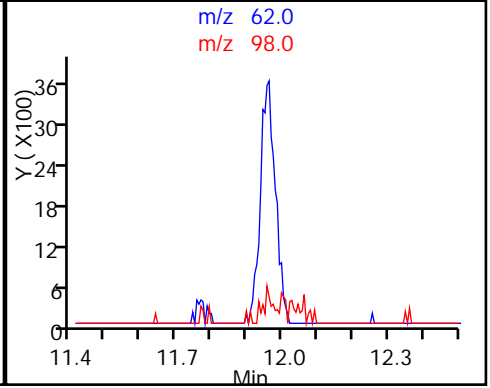
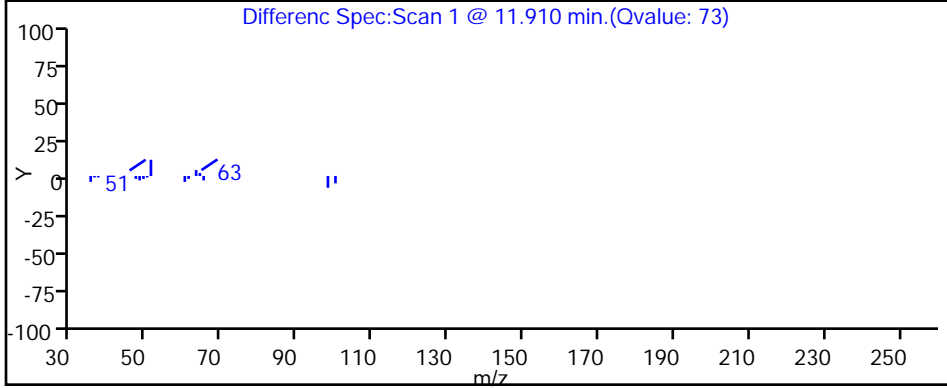
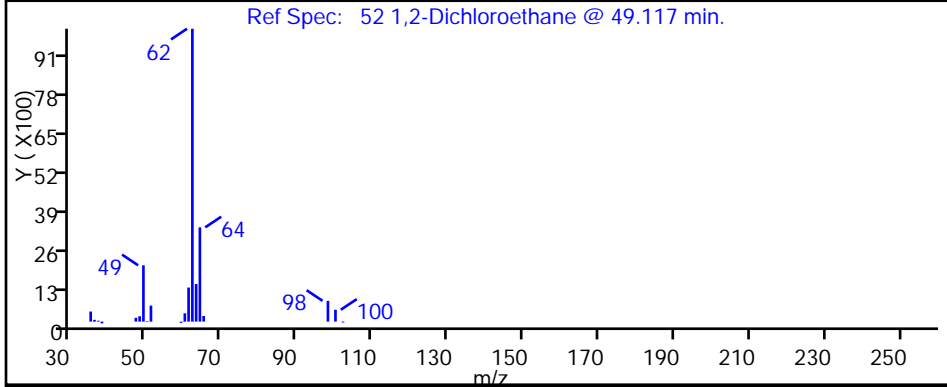
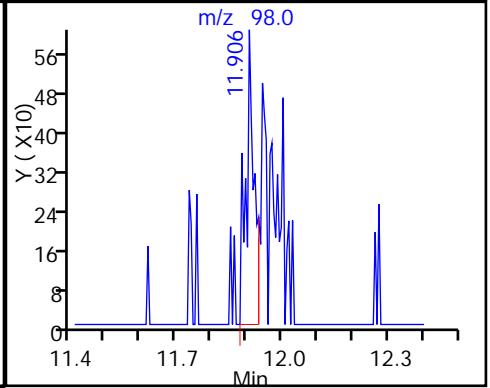
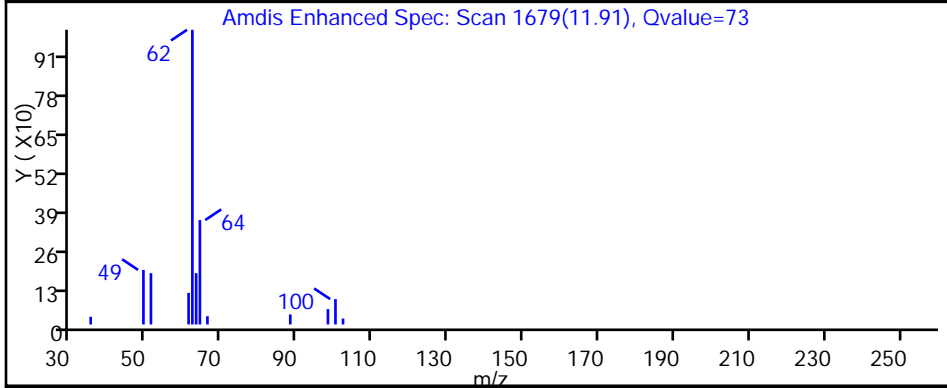
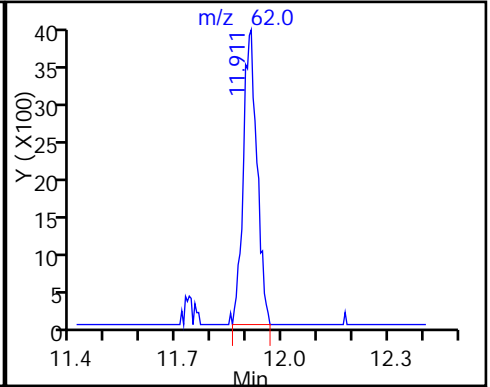
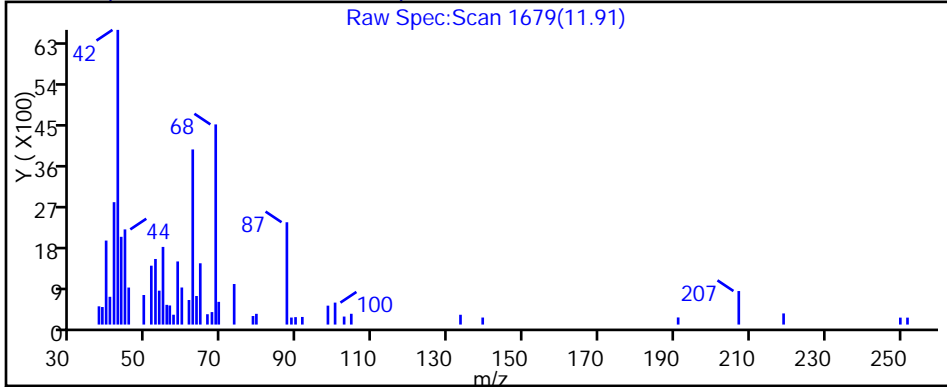
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

52 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

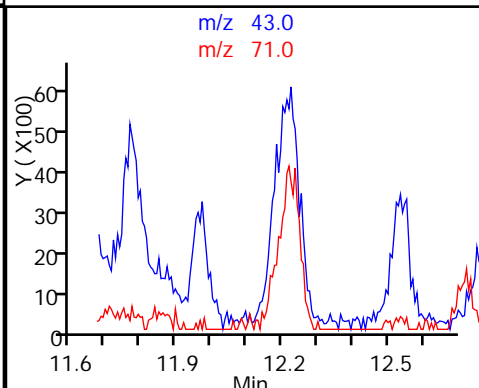
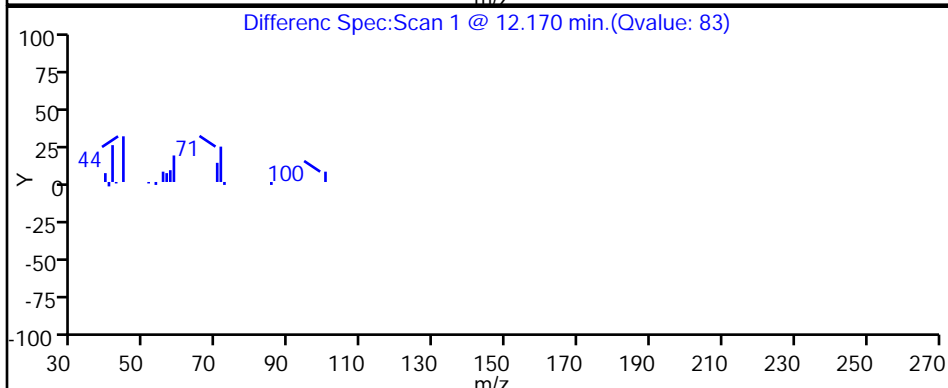
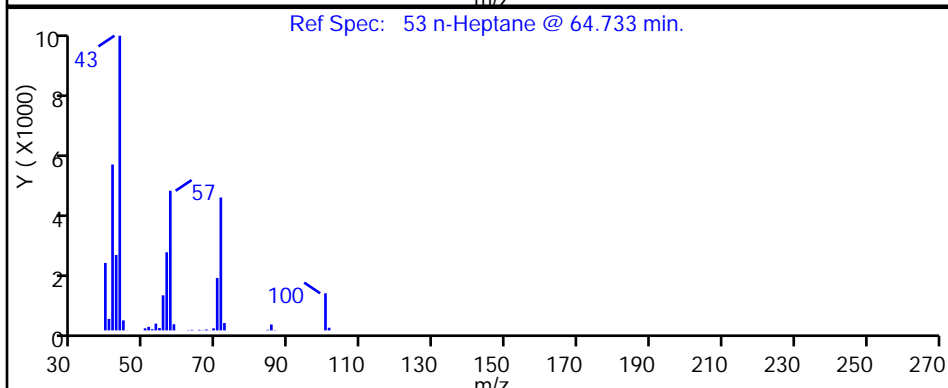
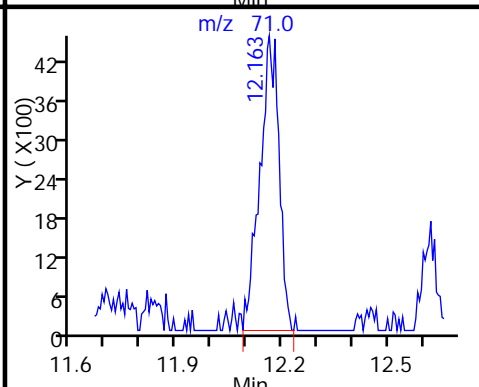
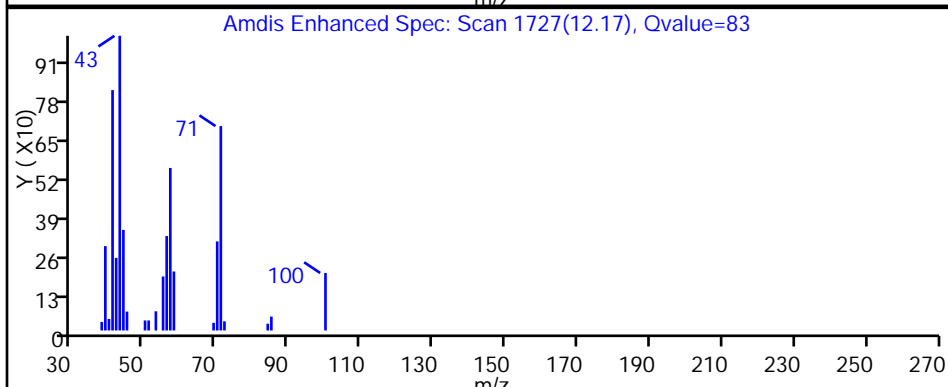
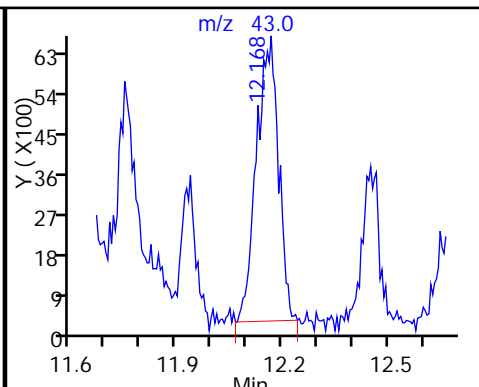
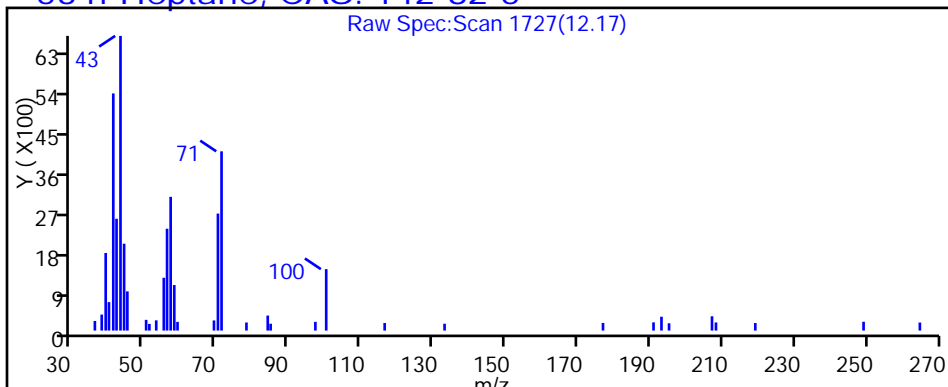
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

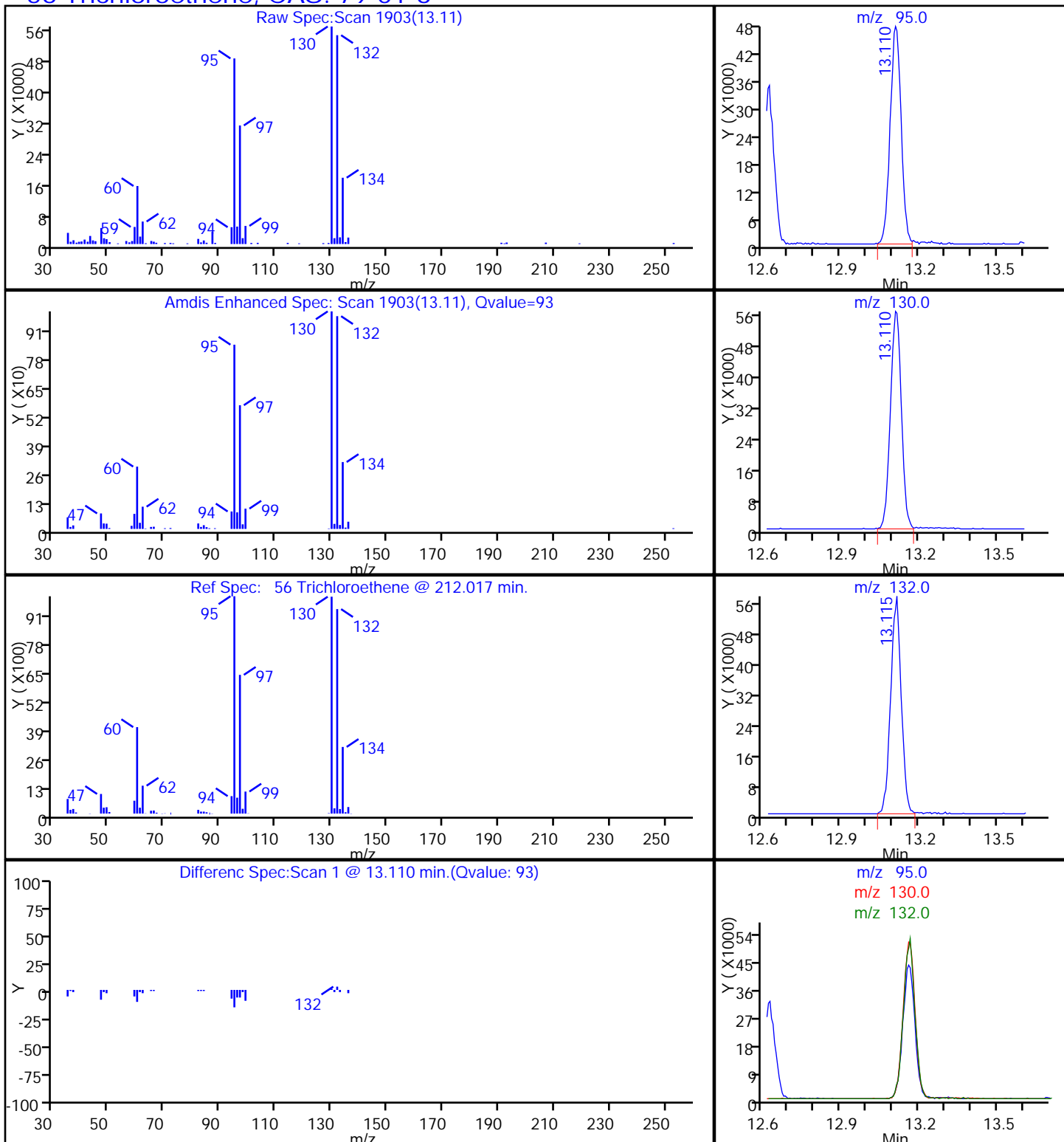
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

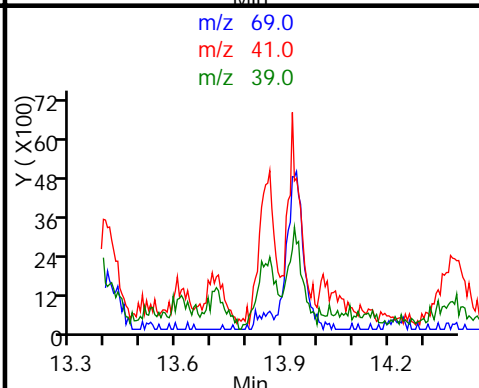
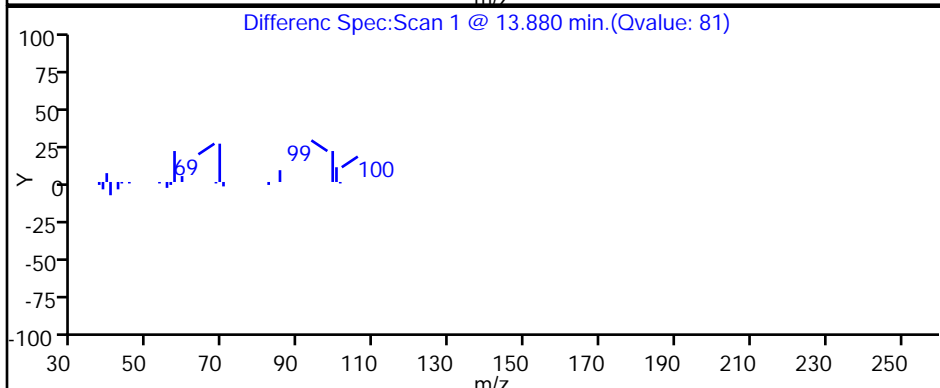
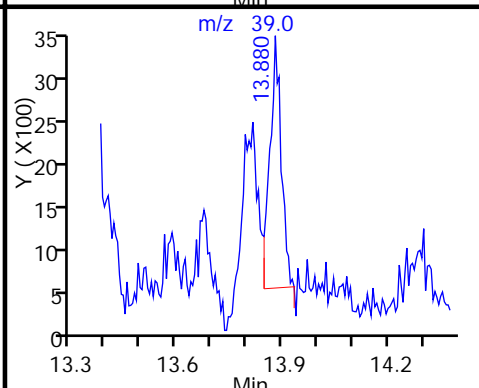
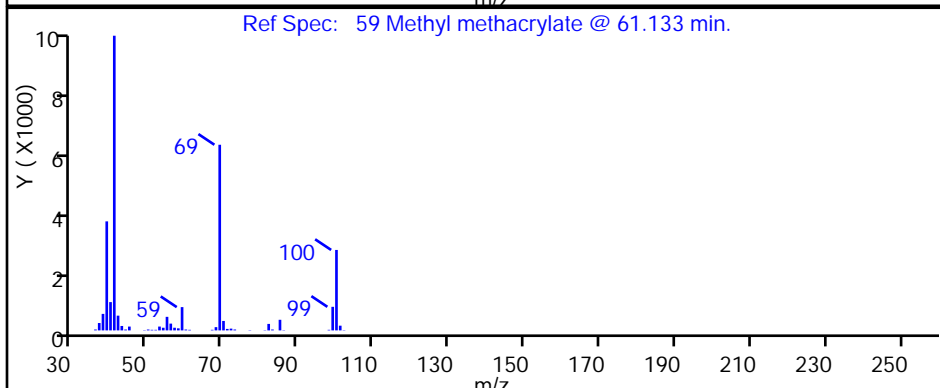
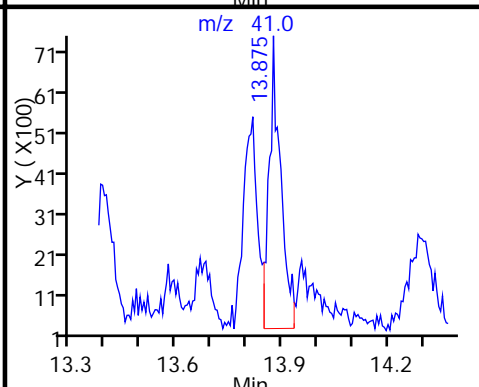
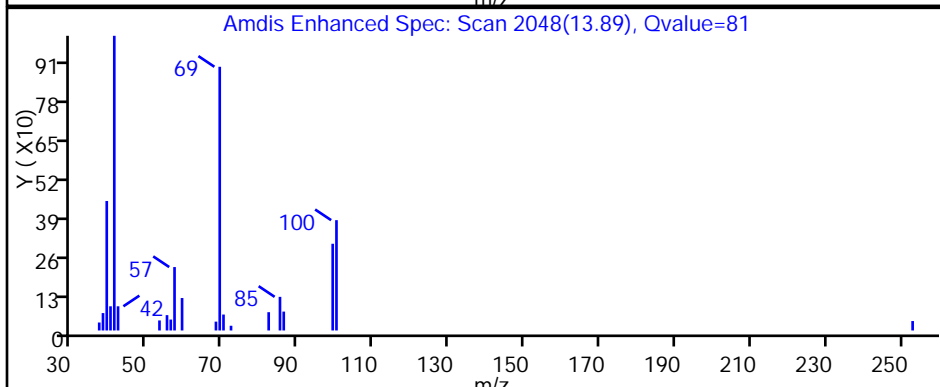
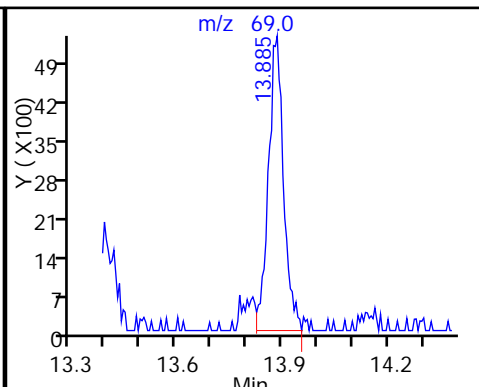
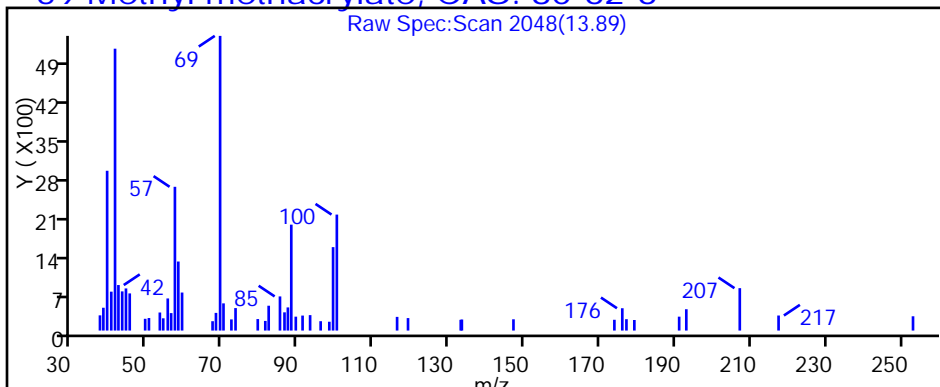
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

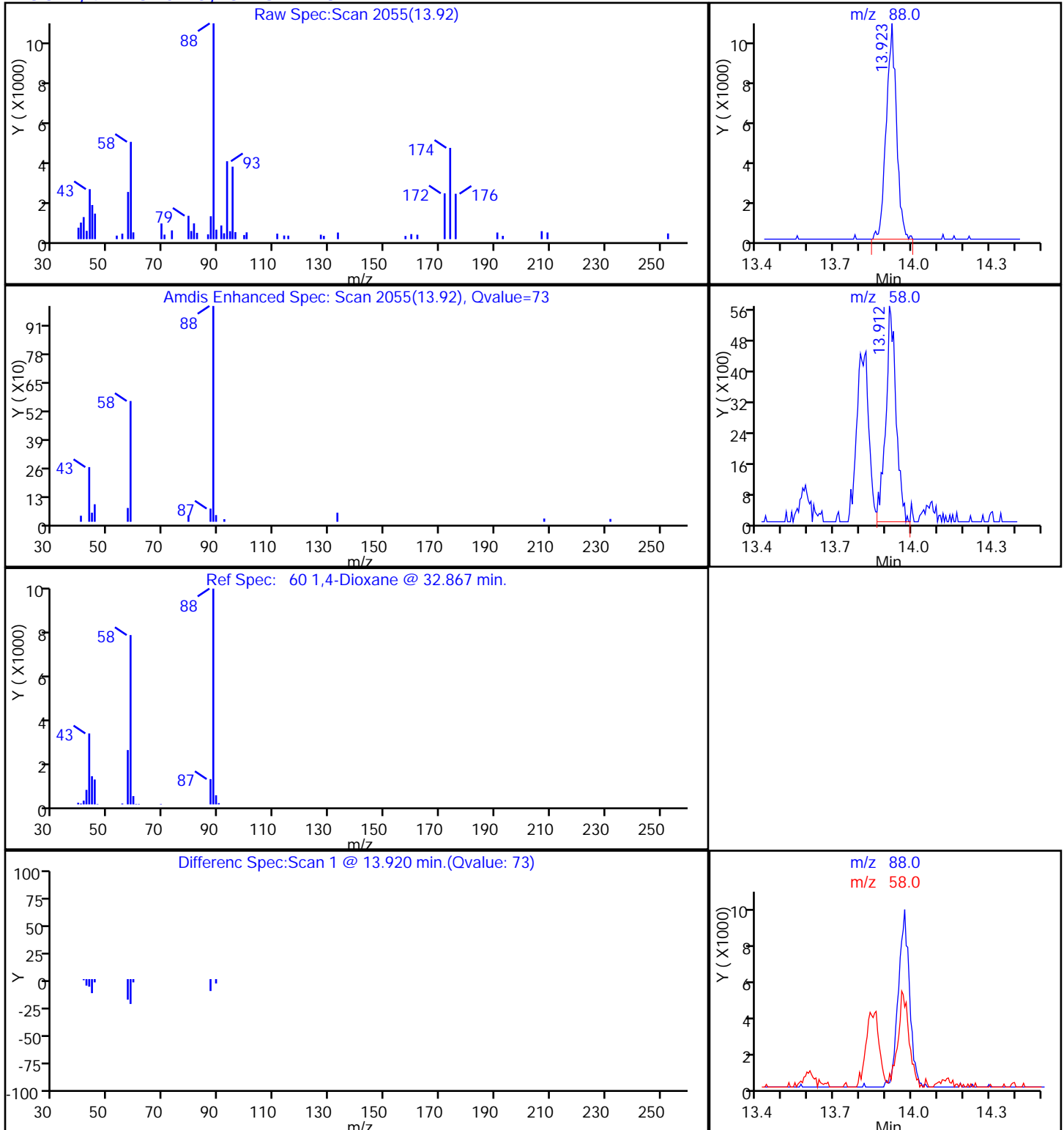
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 1,4-Dioxane, CAS: 123-91-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

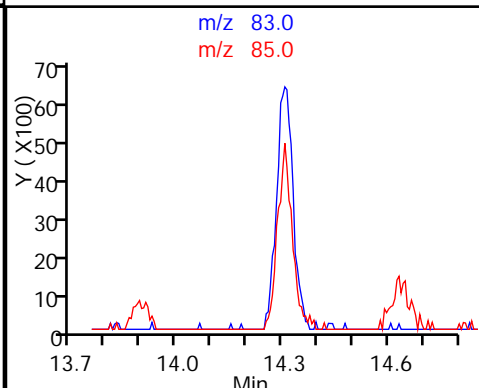
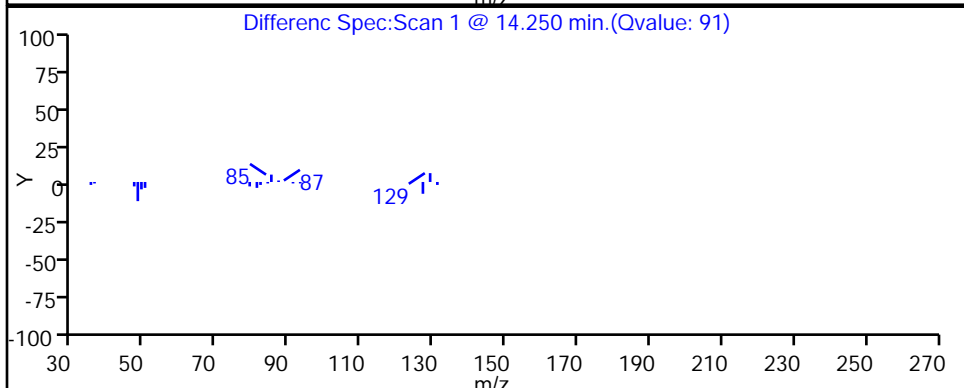
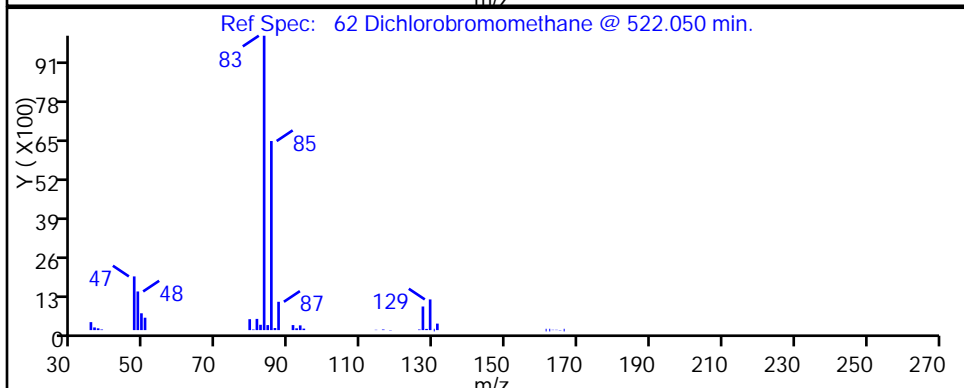
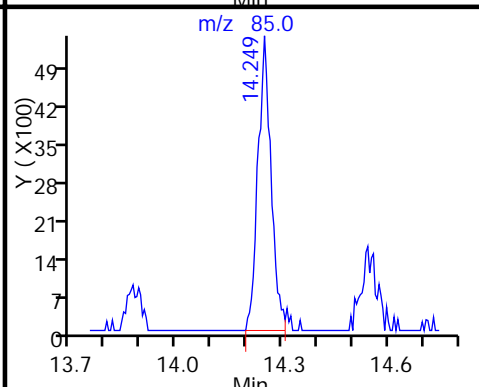
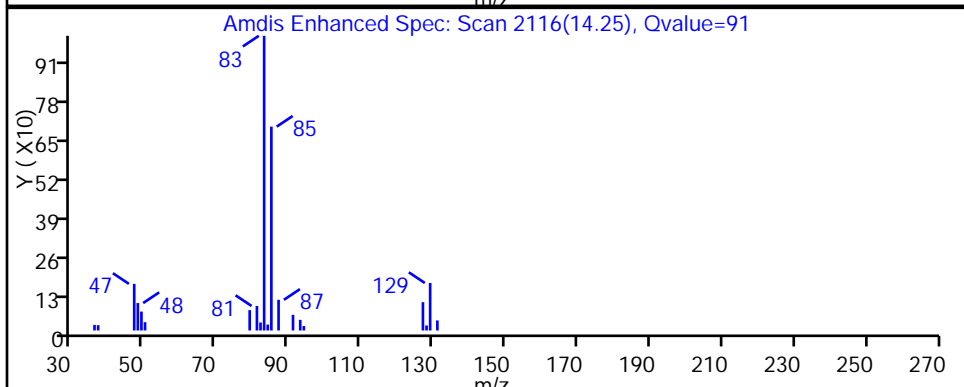
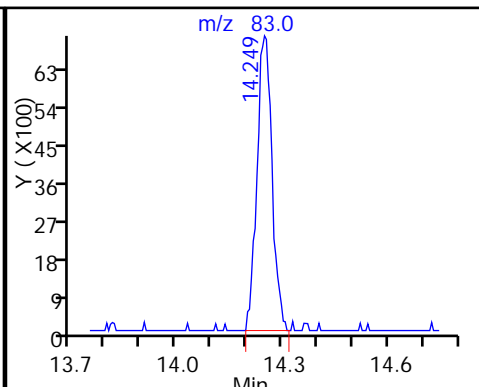
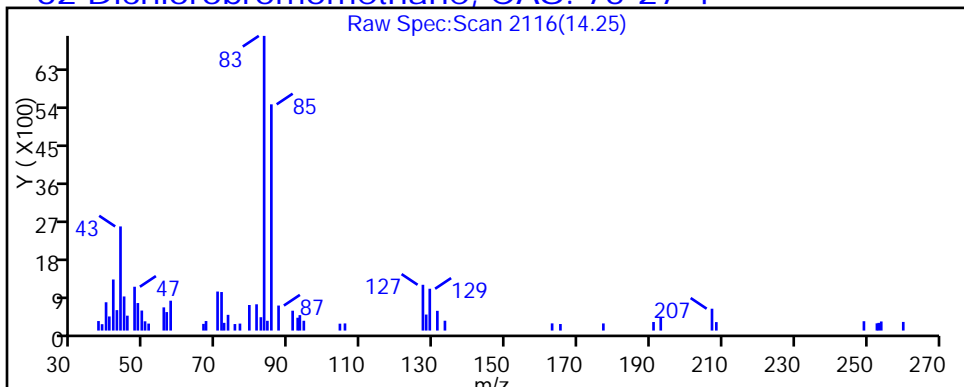
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

62 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

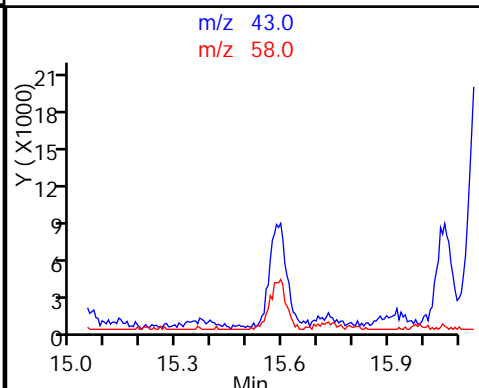
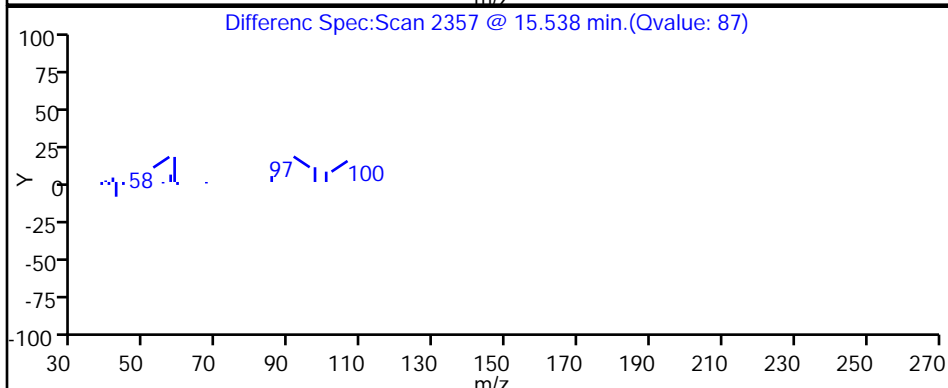
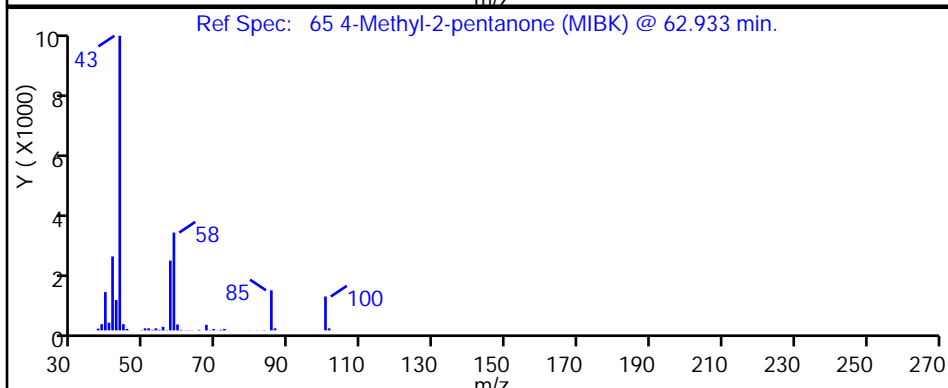
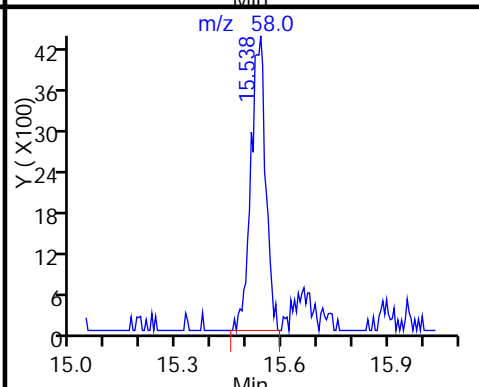
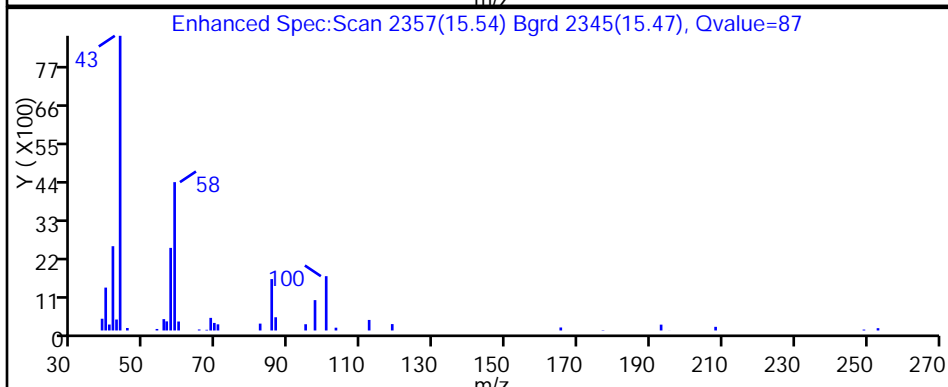
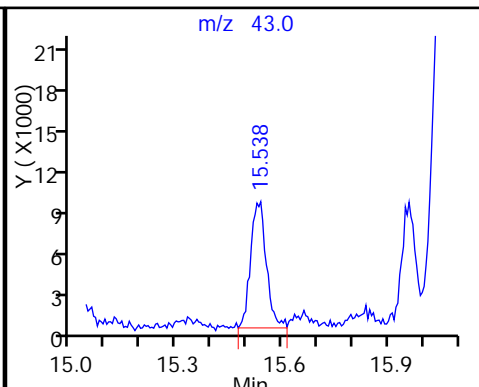
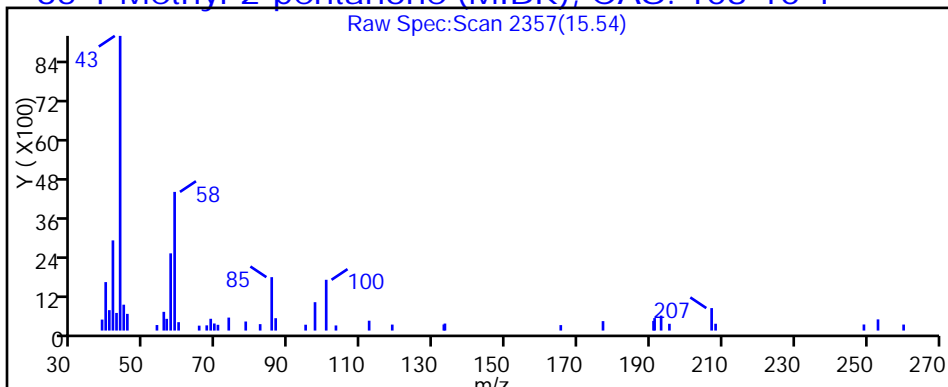
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

65 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

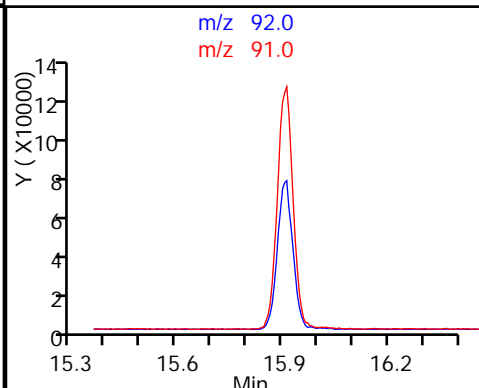
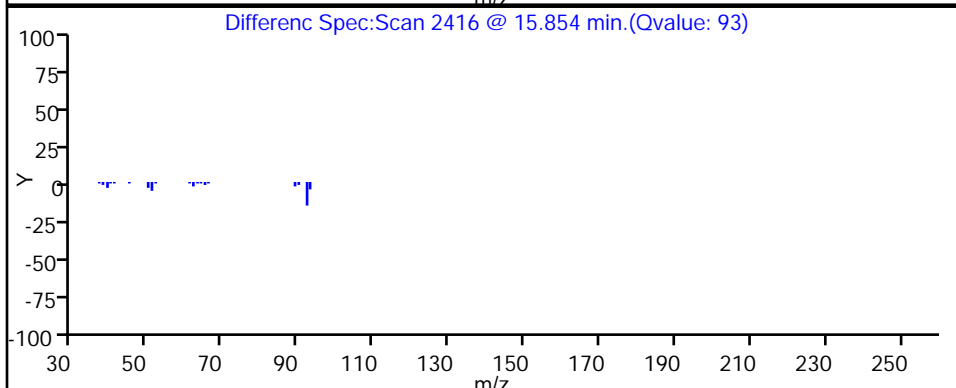
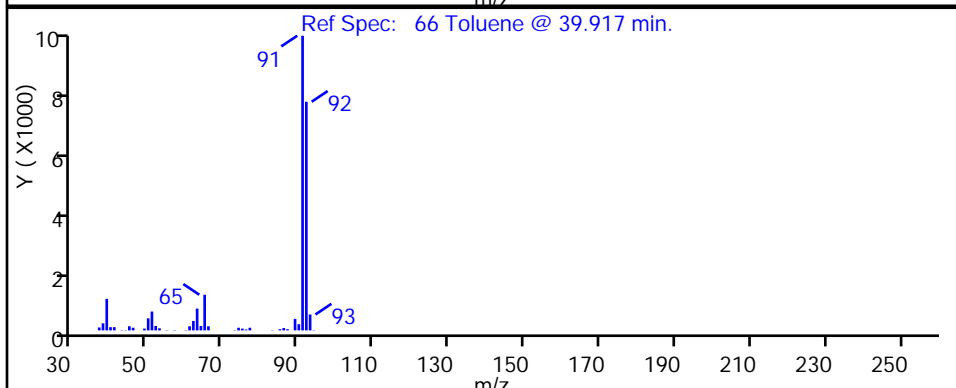
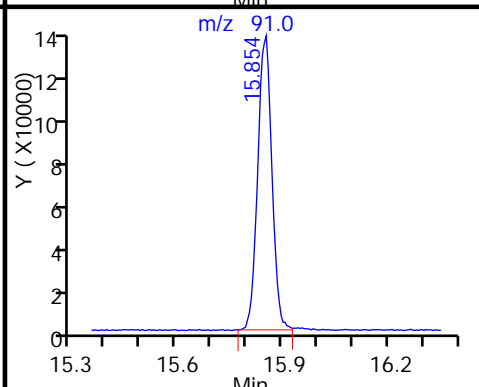
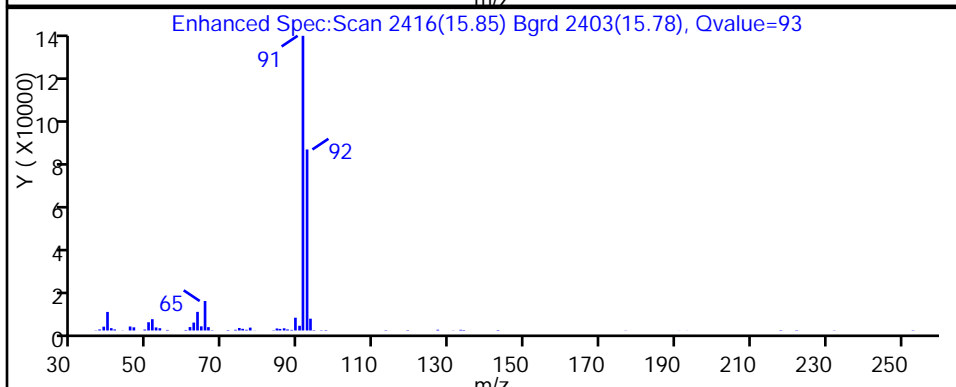
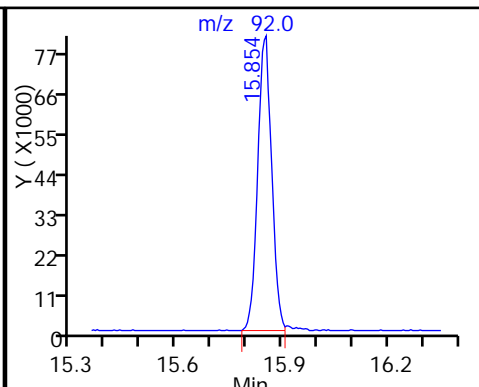
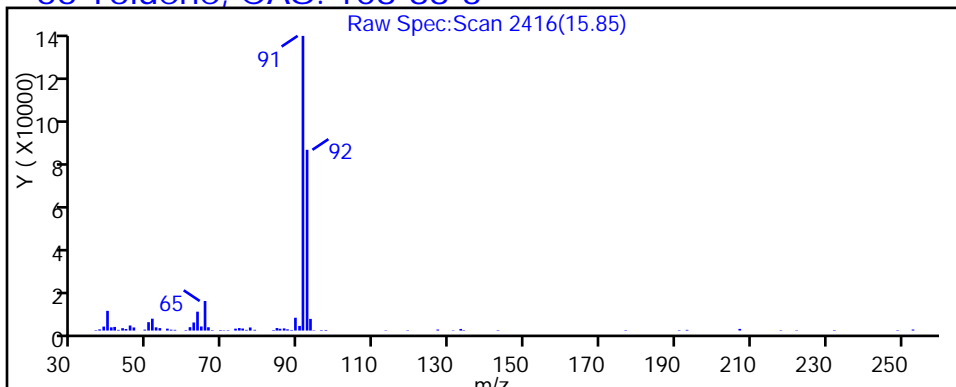
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

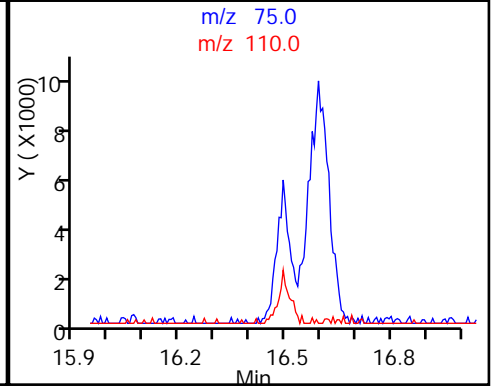
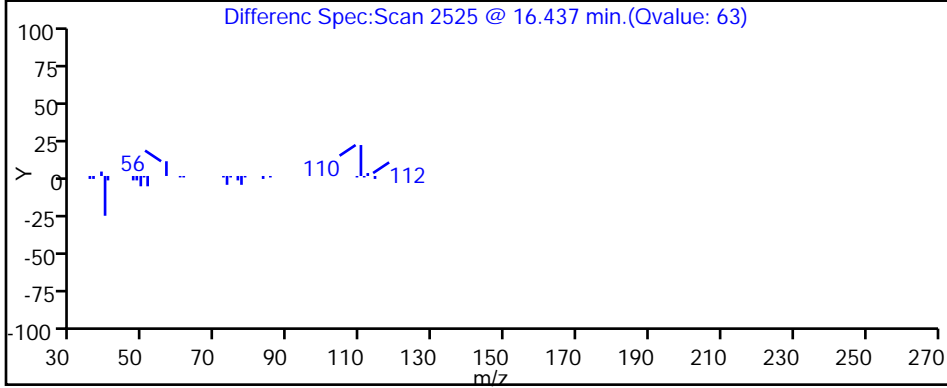
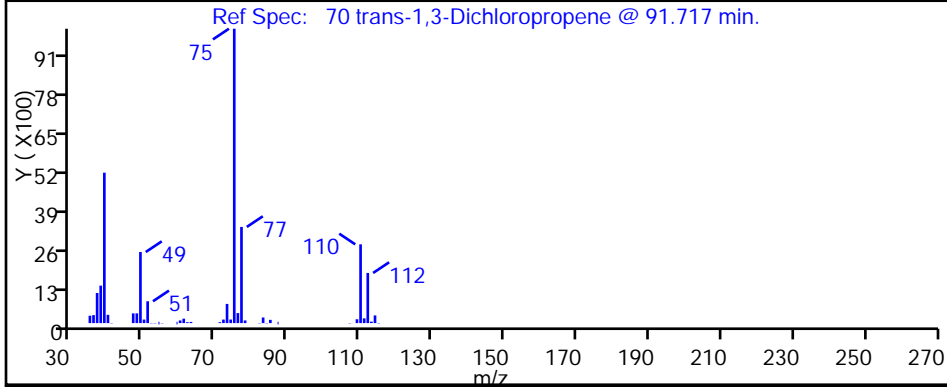
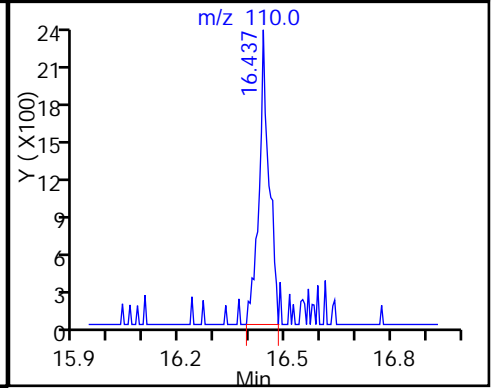
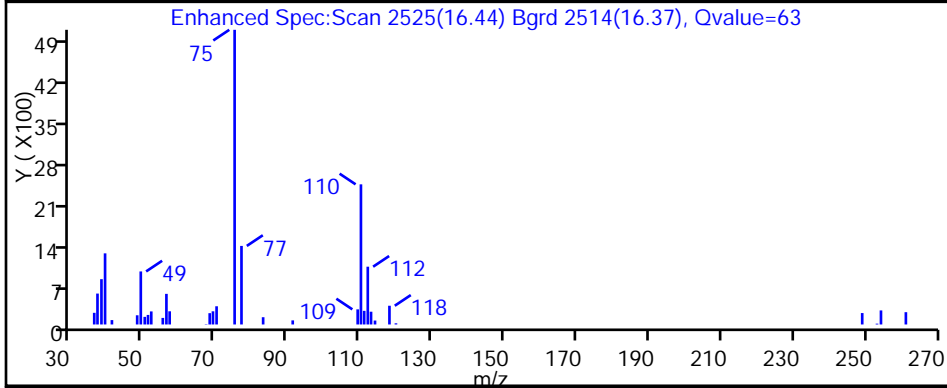
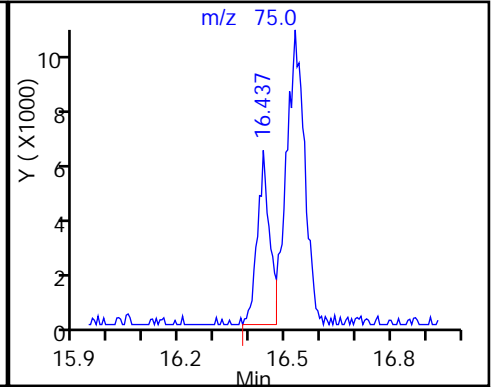
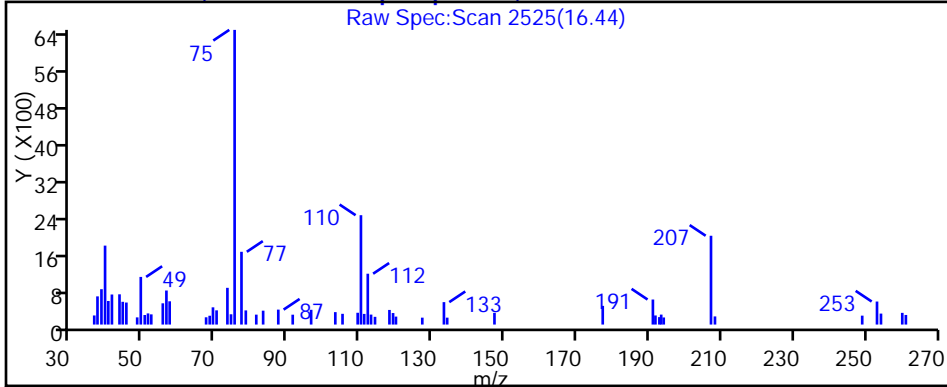
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

70 trans-1,3-Dichloropropene, CAS: 10061-02-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

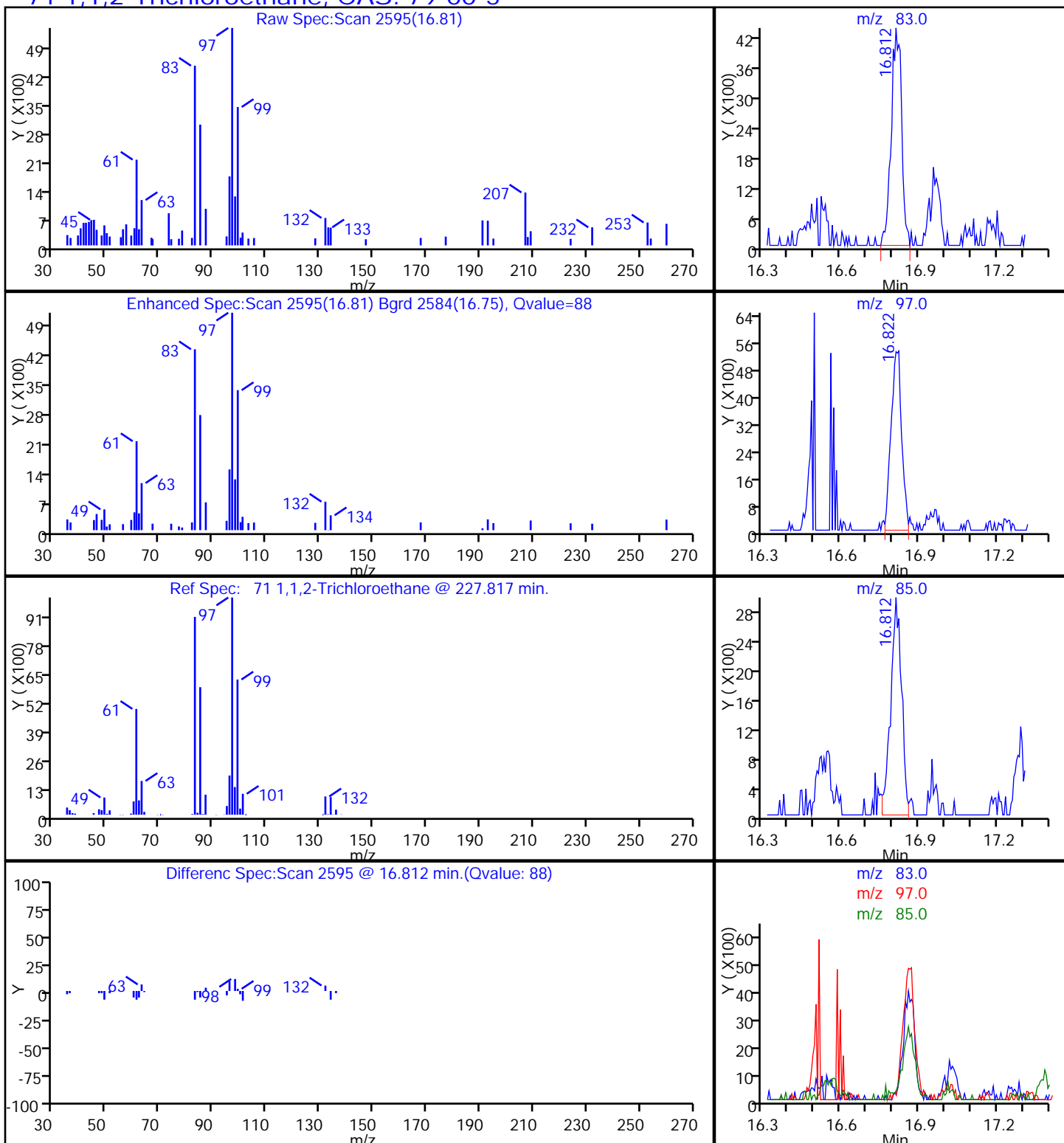
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

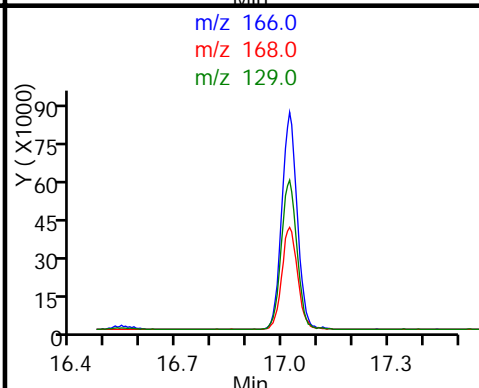
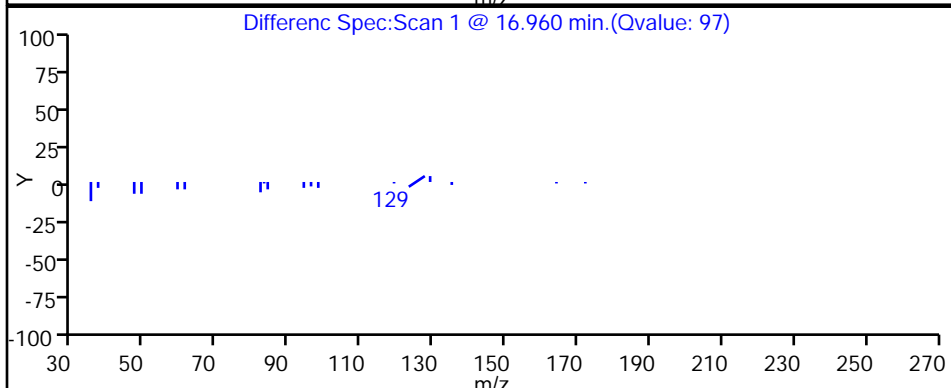
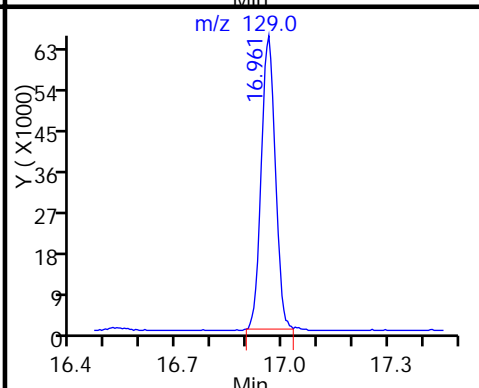
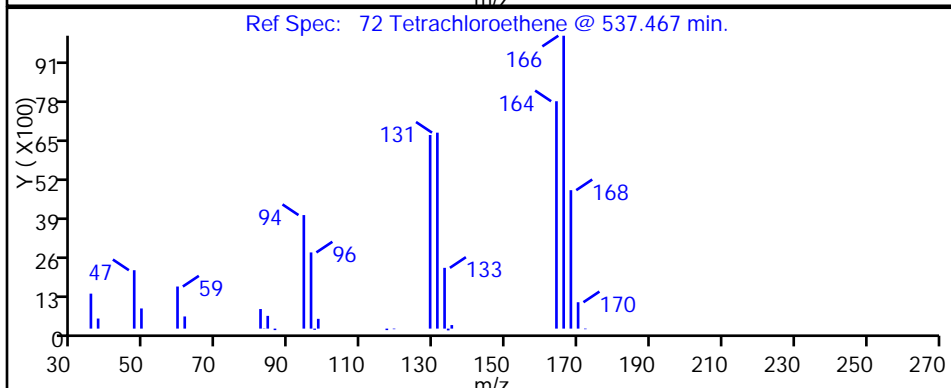
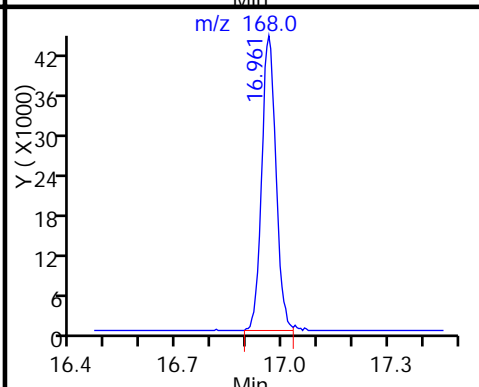
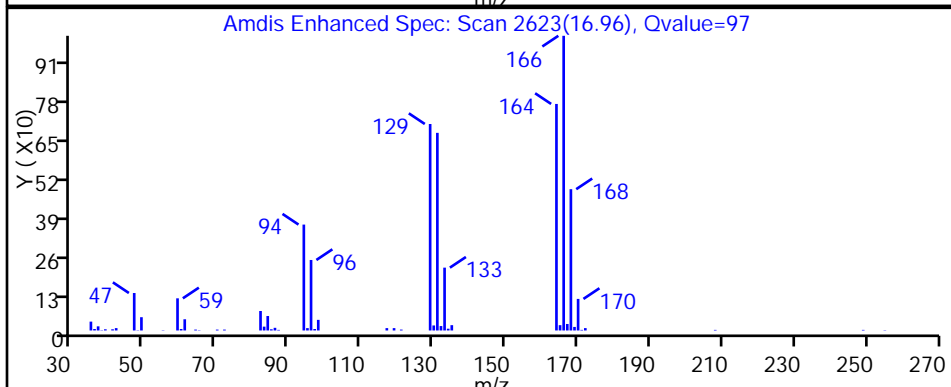
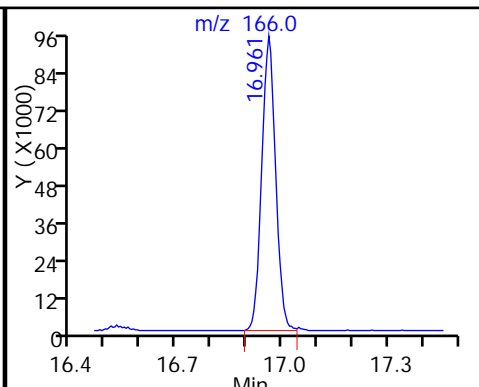
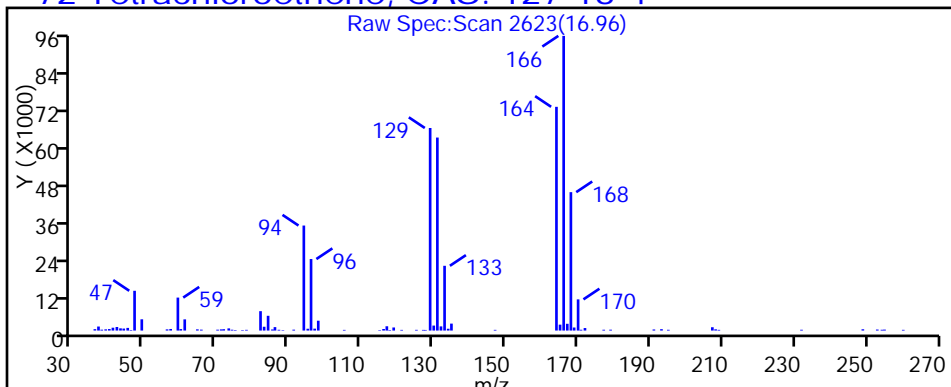
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

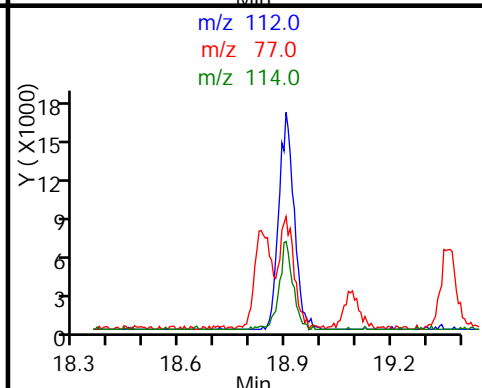
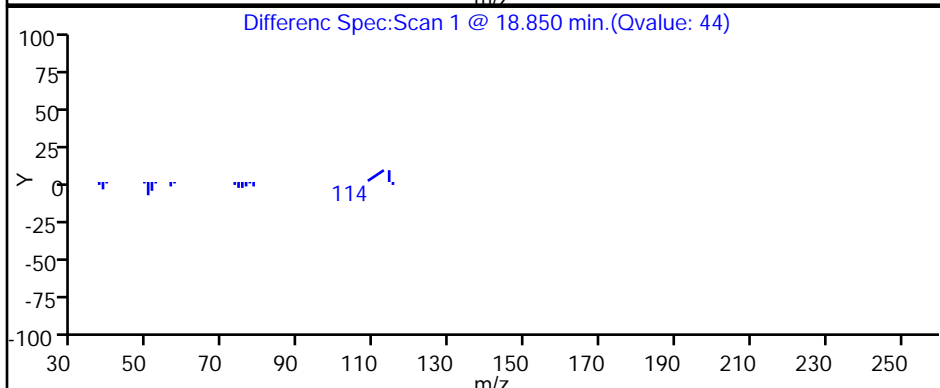
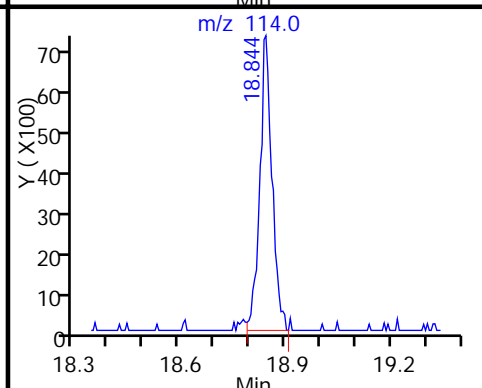
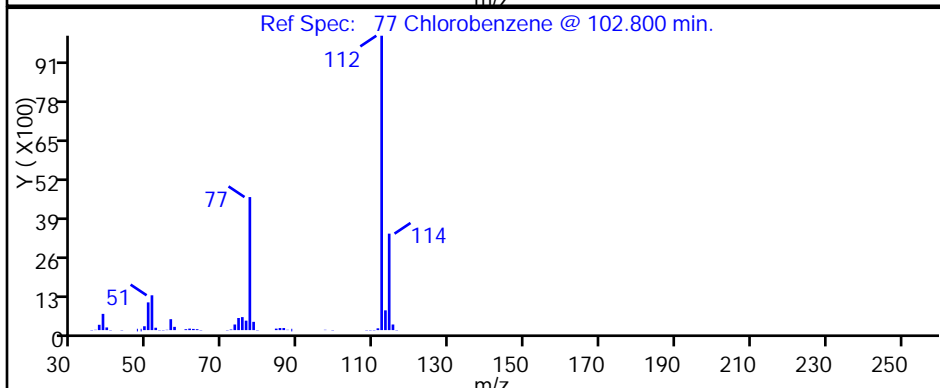
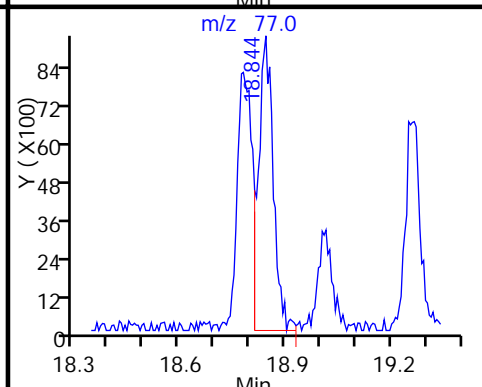
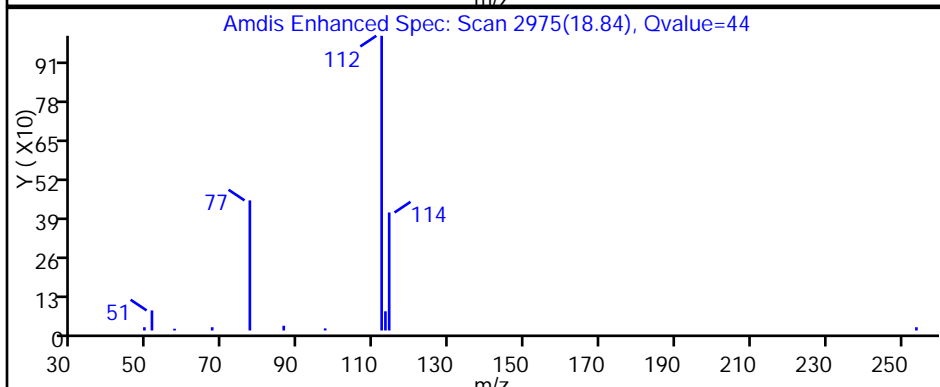
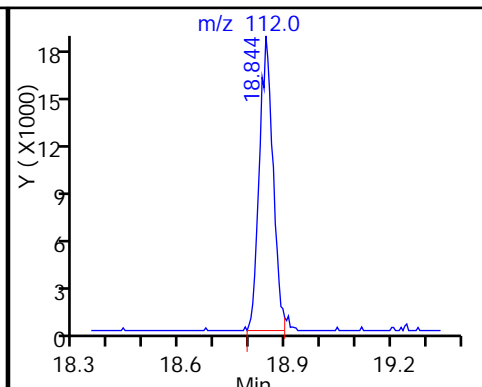
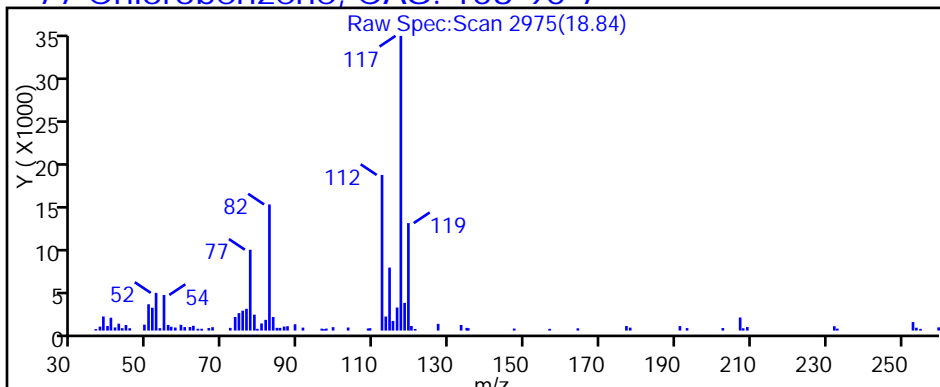
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

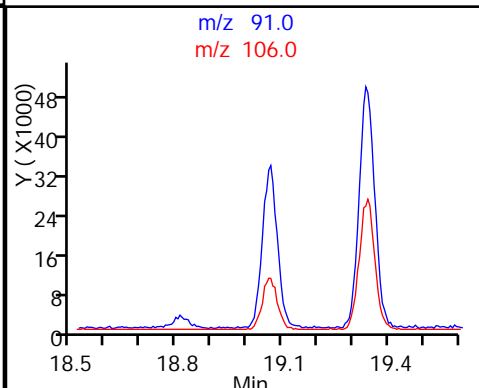
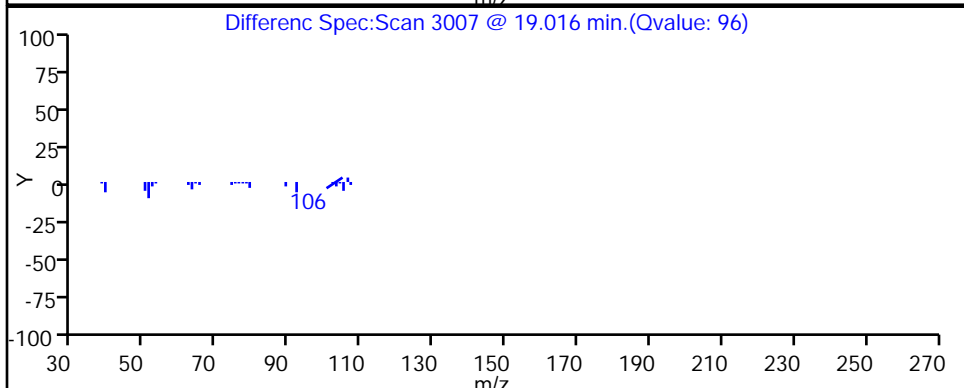
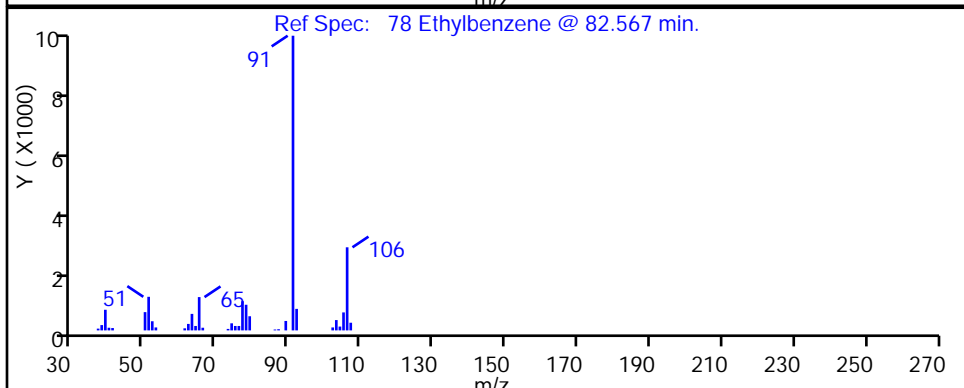
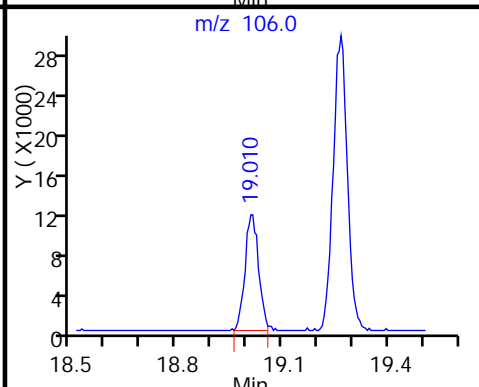
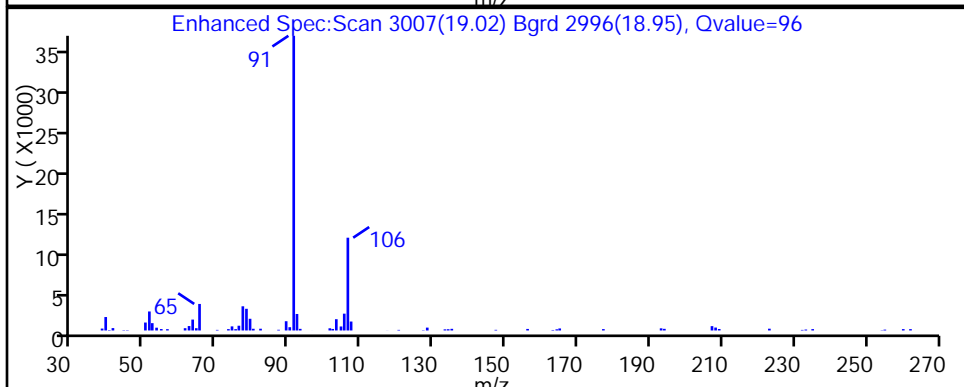
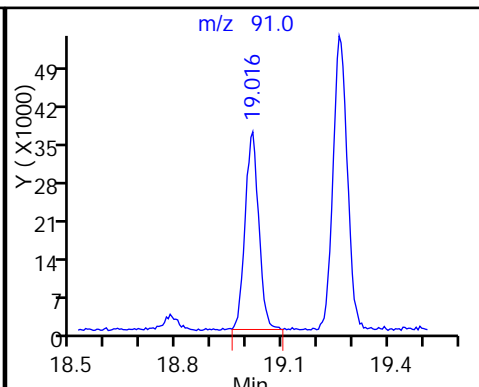
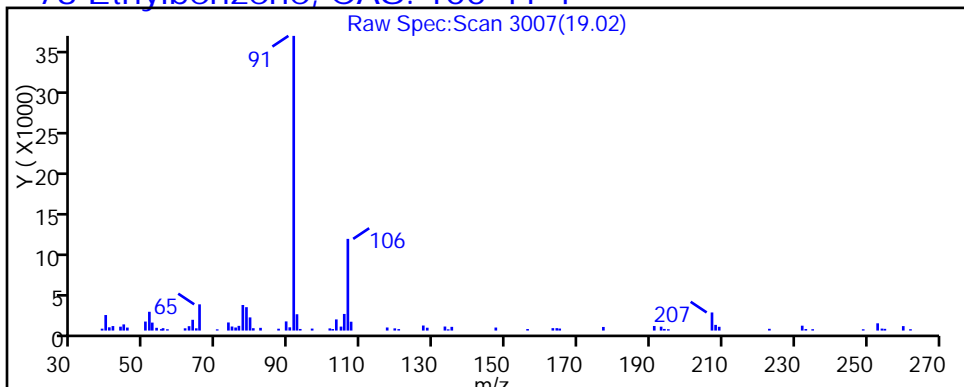
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

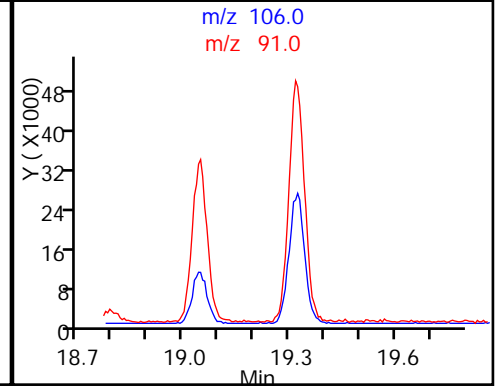
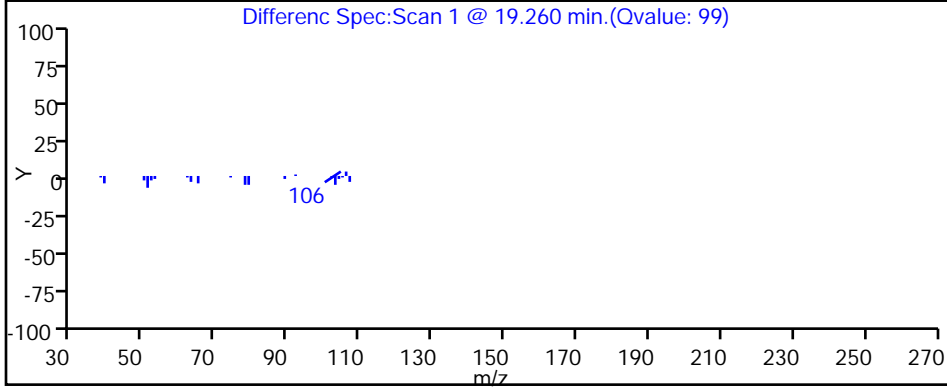
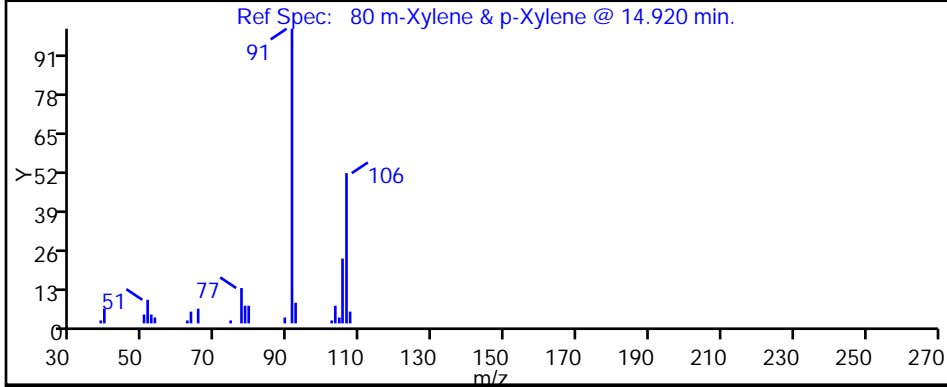
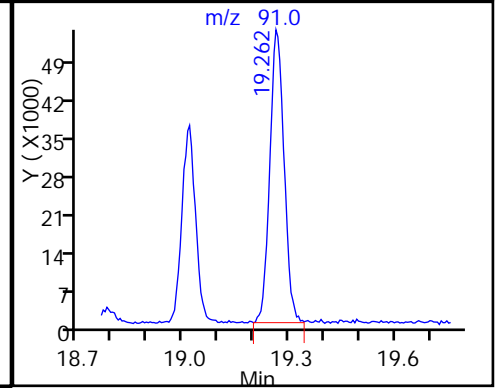
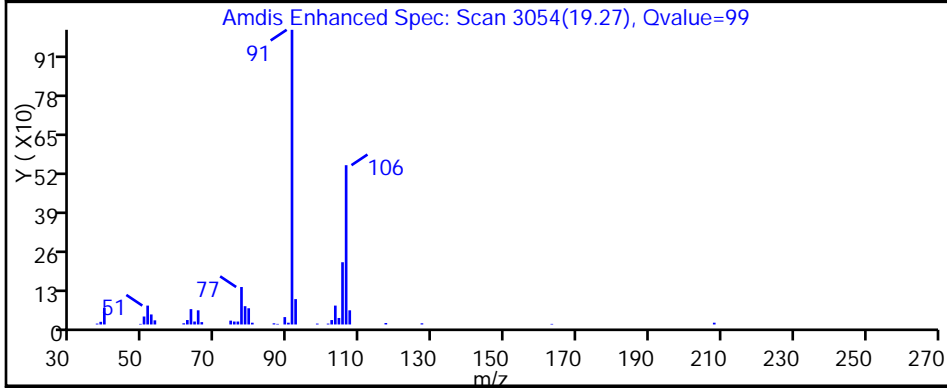
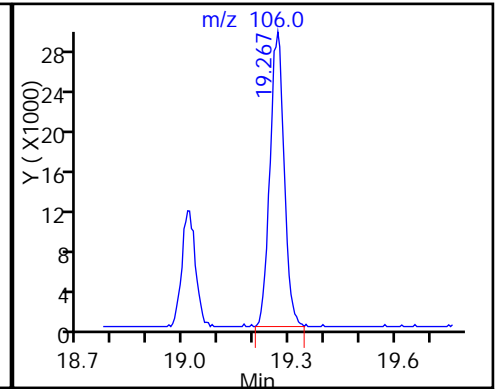
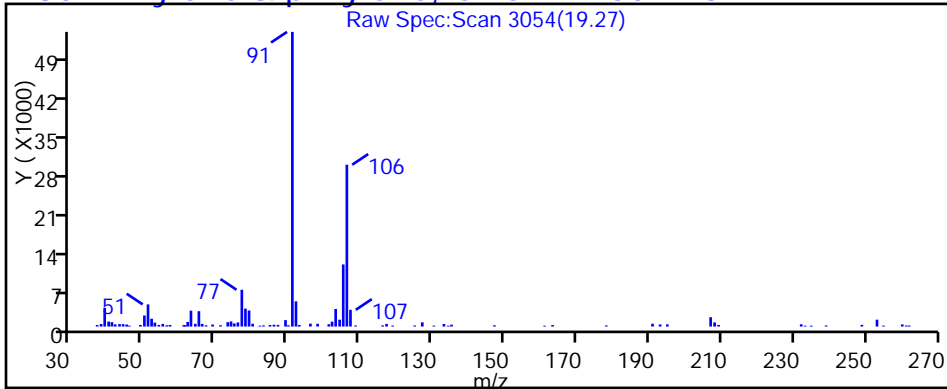
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTv-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

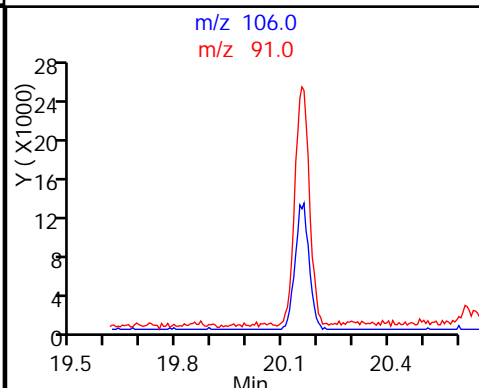
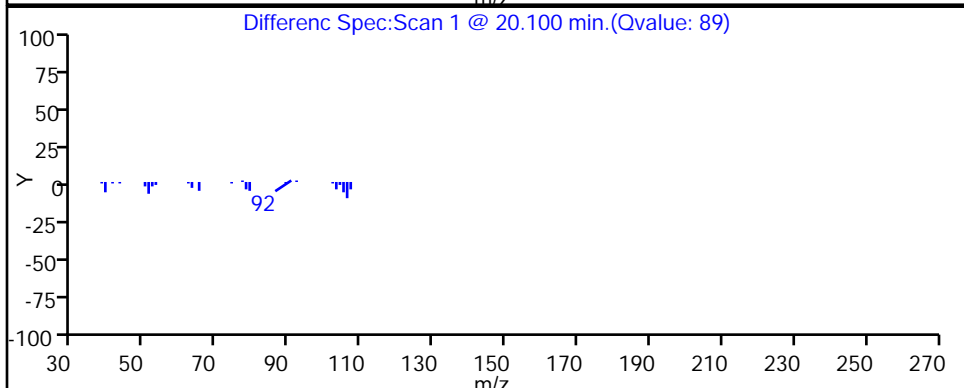
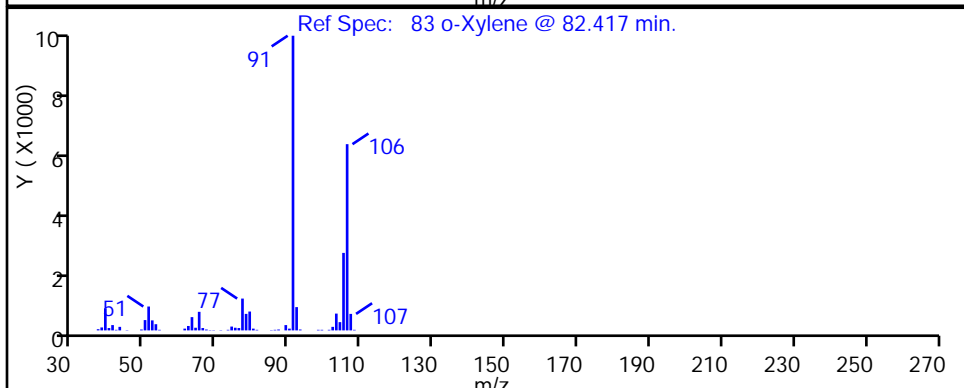
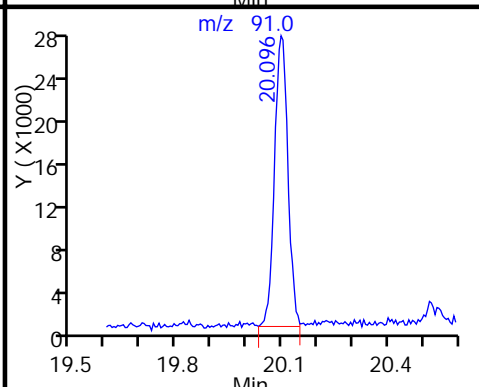
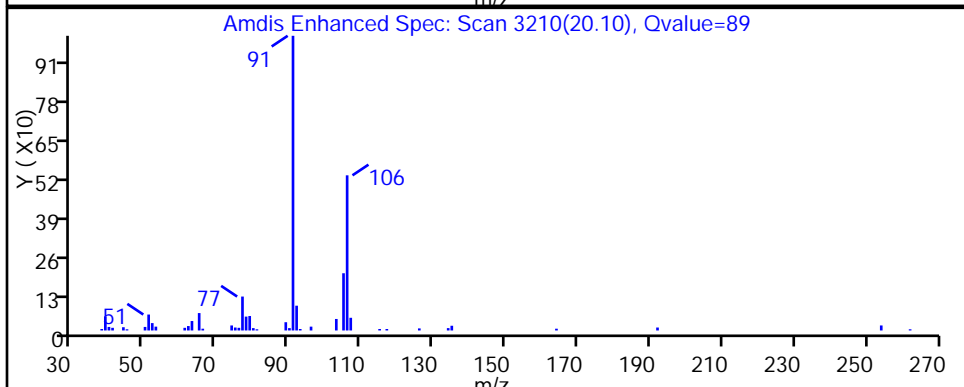
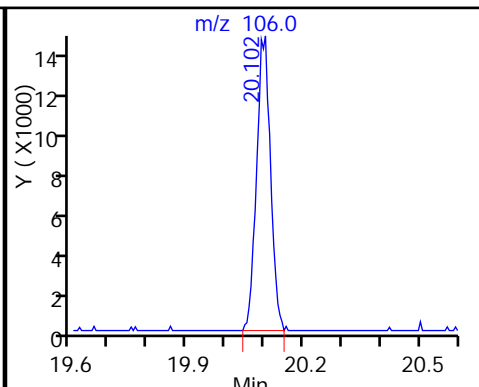
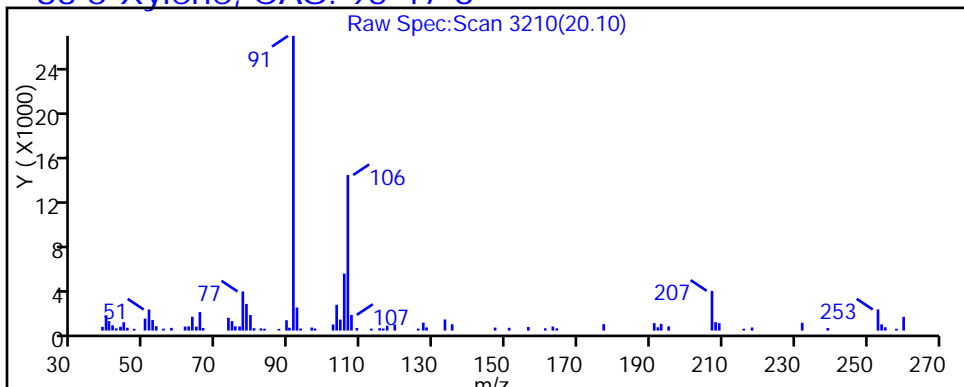
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

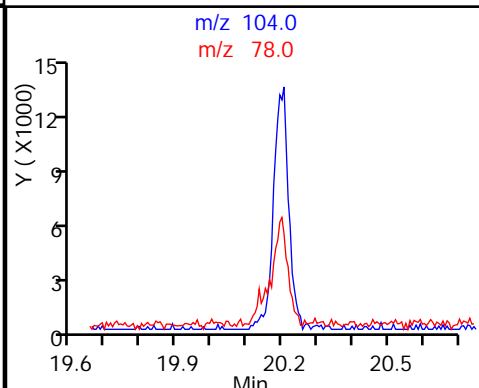
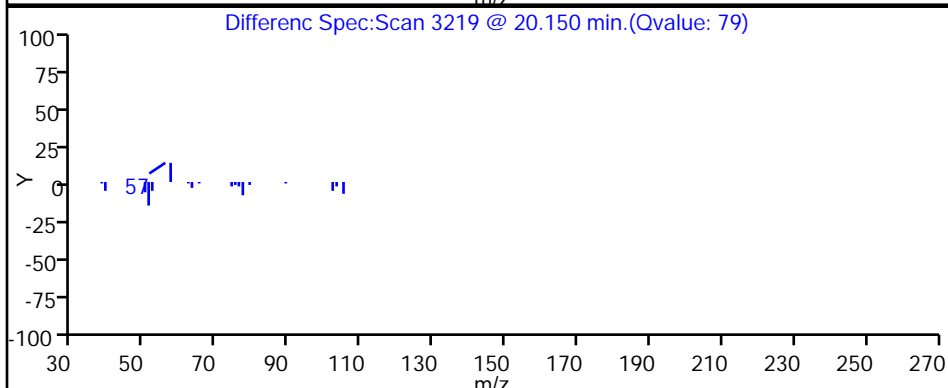
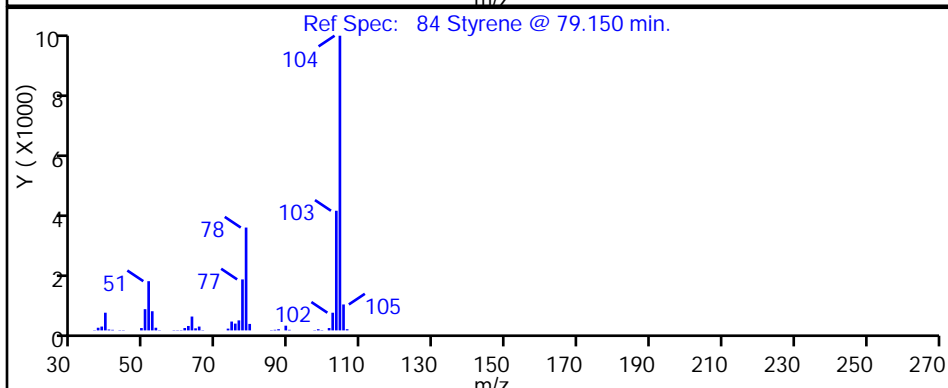
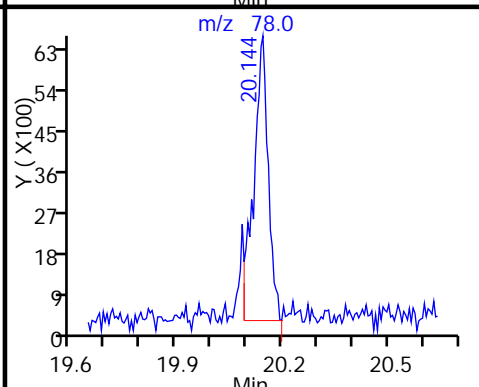
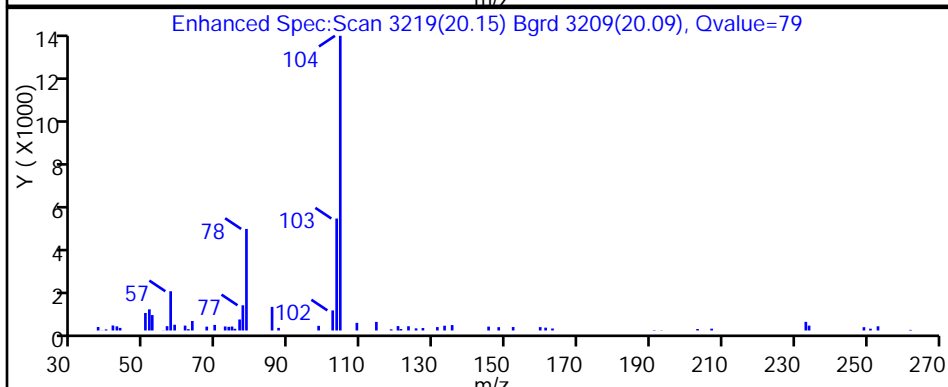
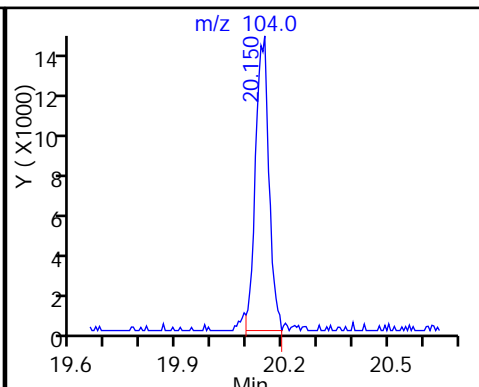
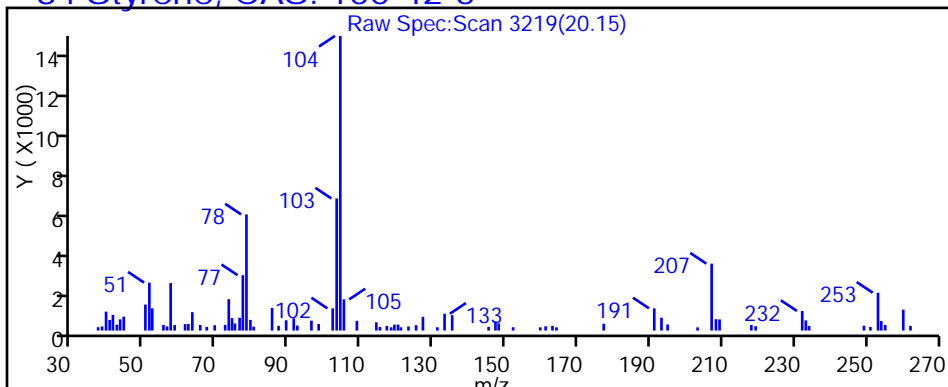
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

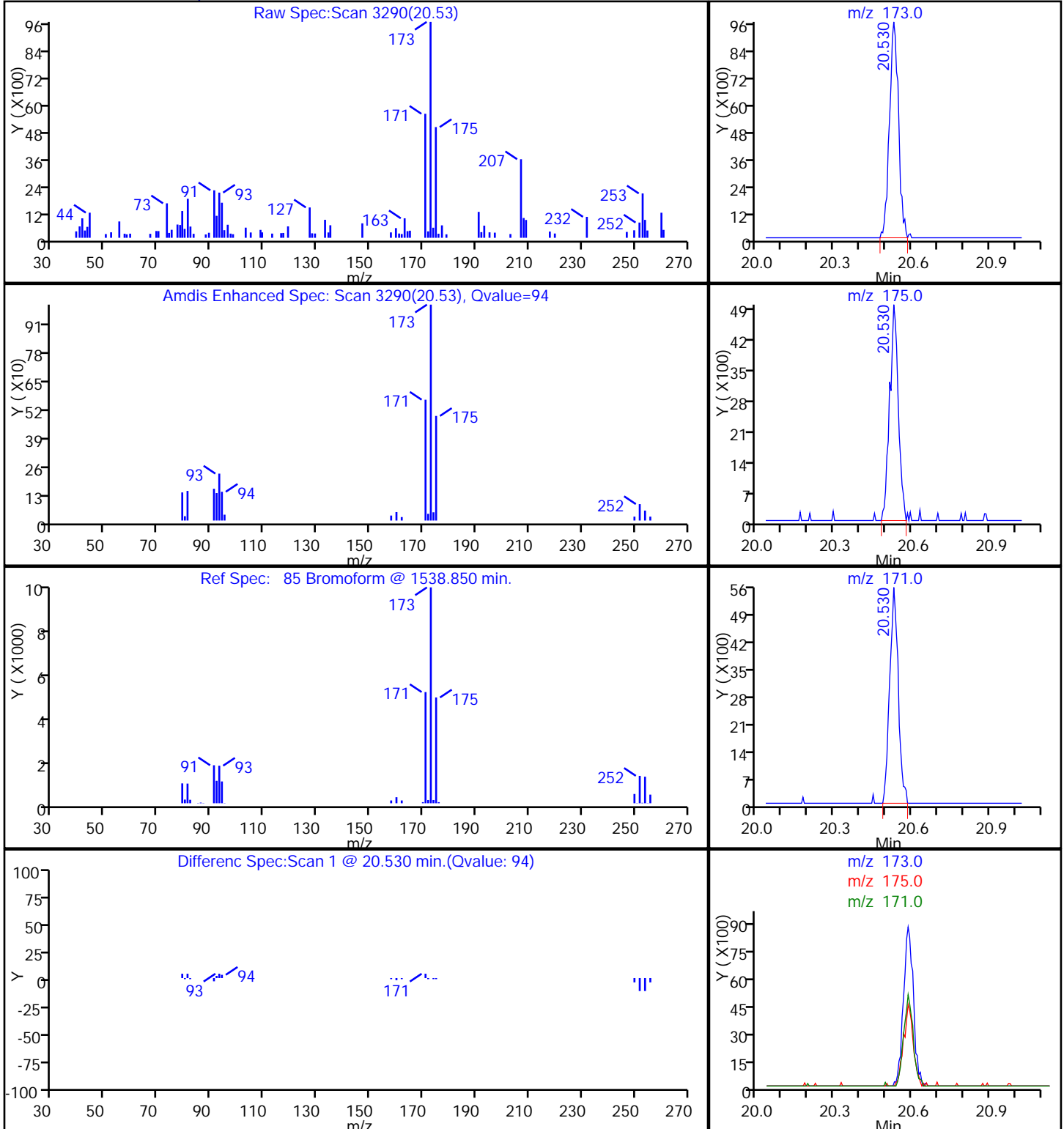
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

85 Bromoform, CAS: 75-25-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

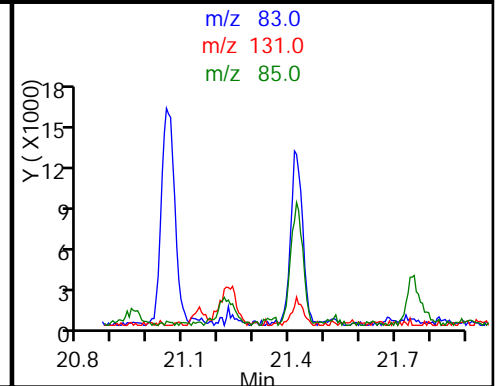
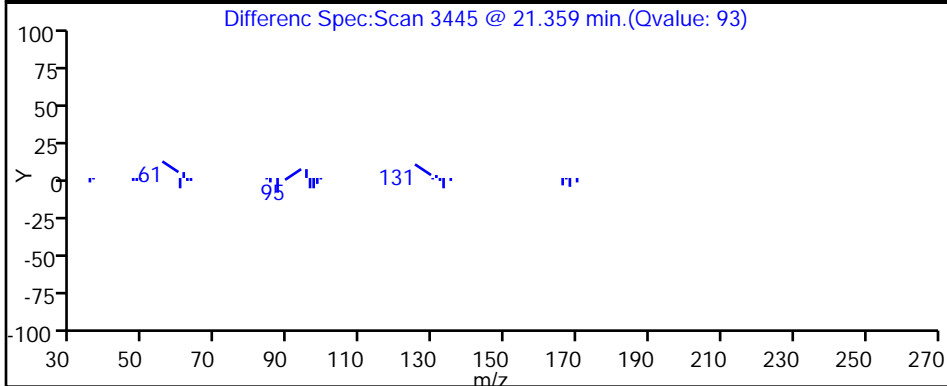
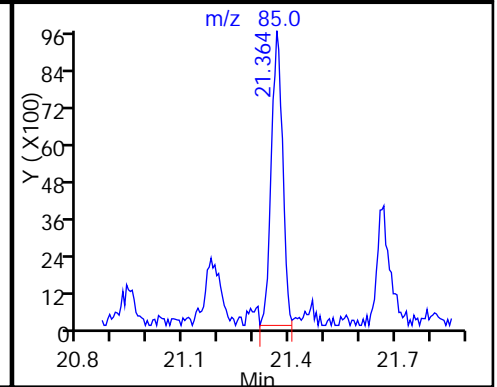
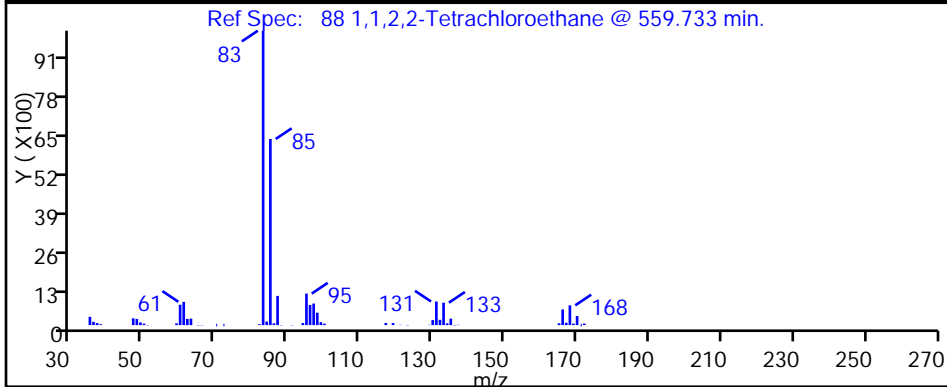
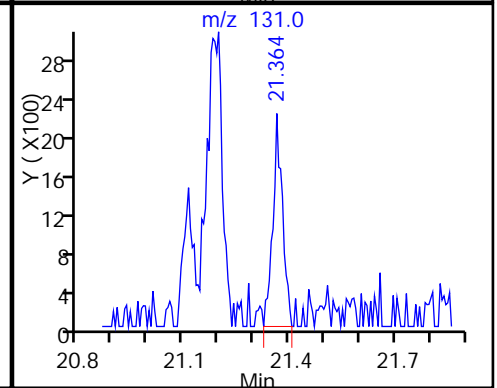
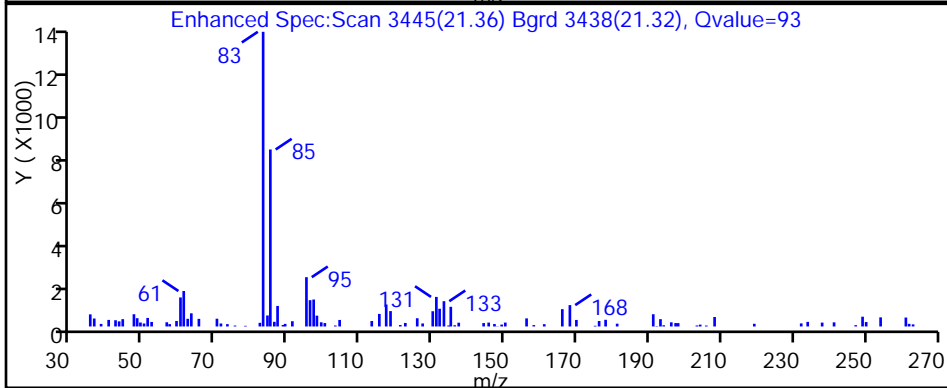
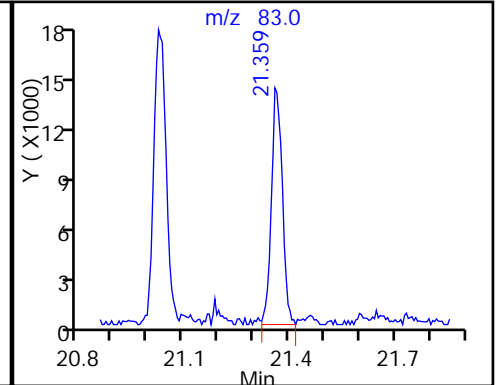
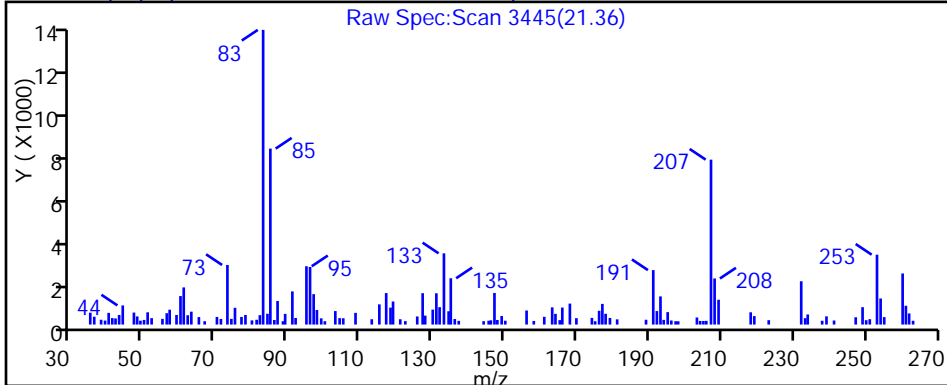
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

88 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

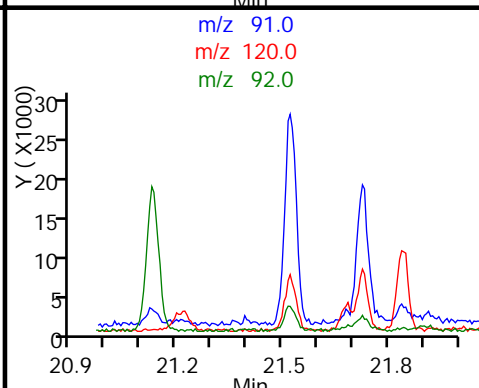
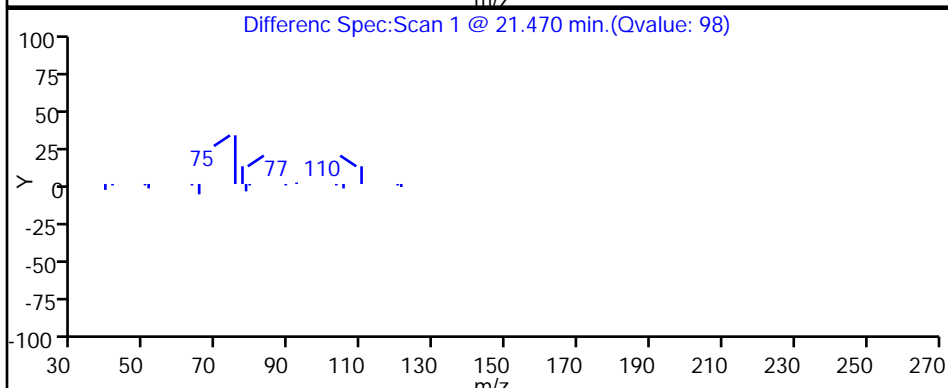
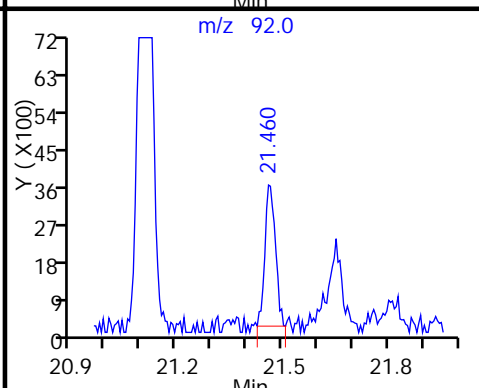
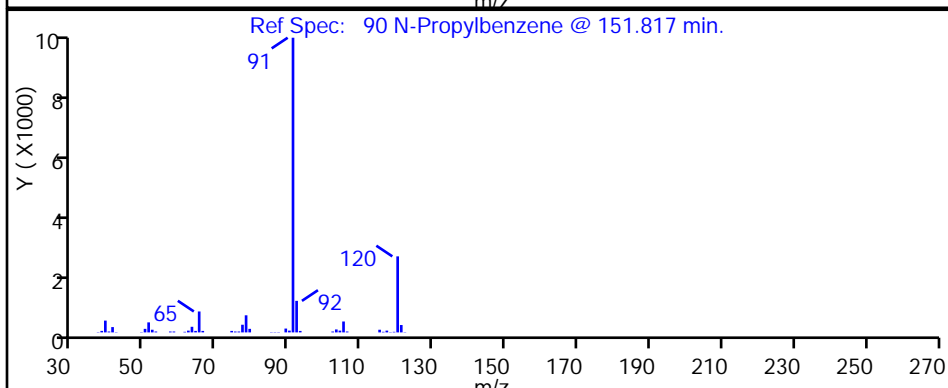
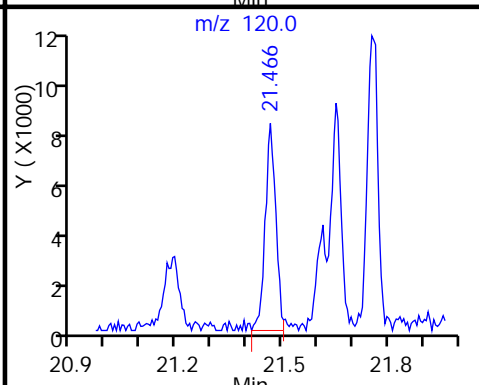
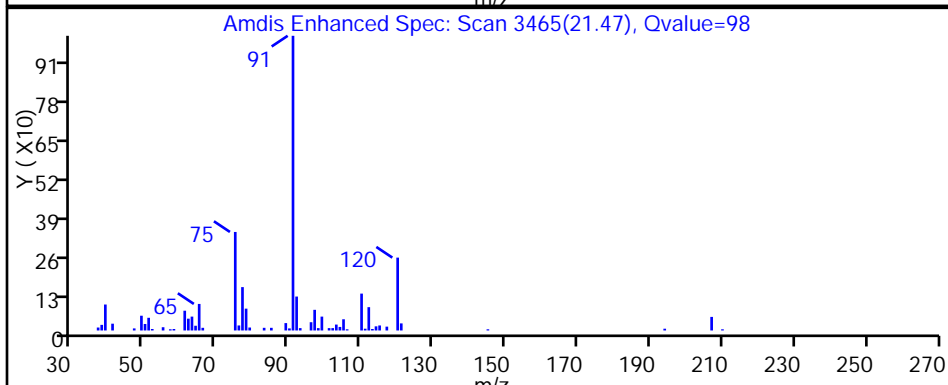
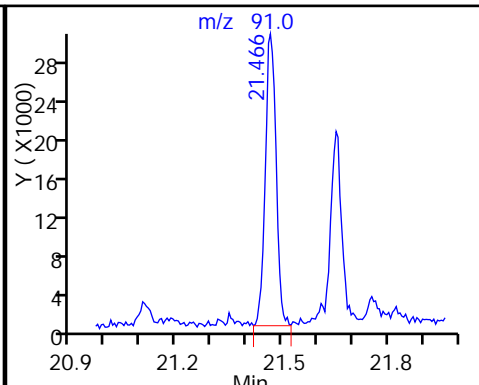
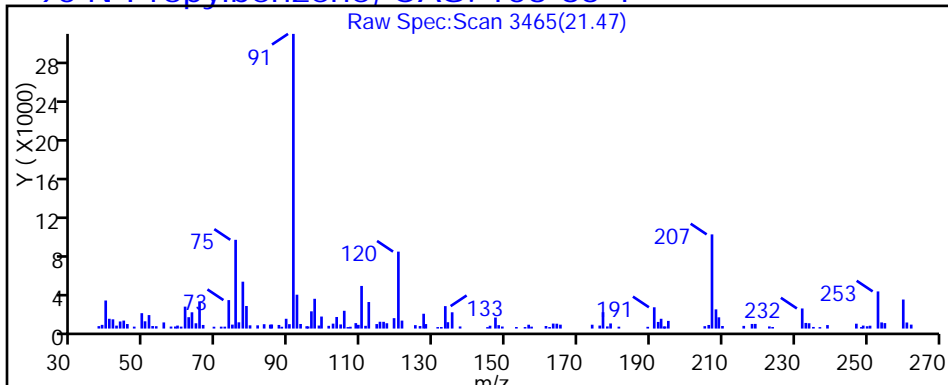
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

90 N-Propylbenzene, CAS: 103-65-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

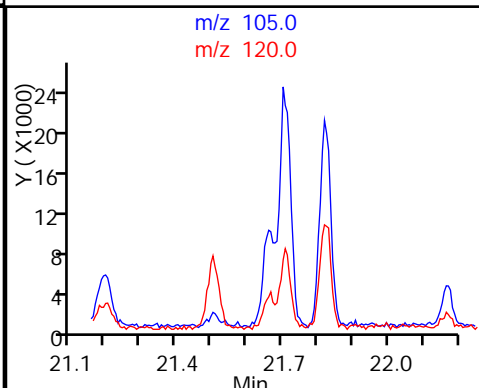
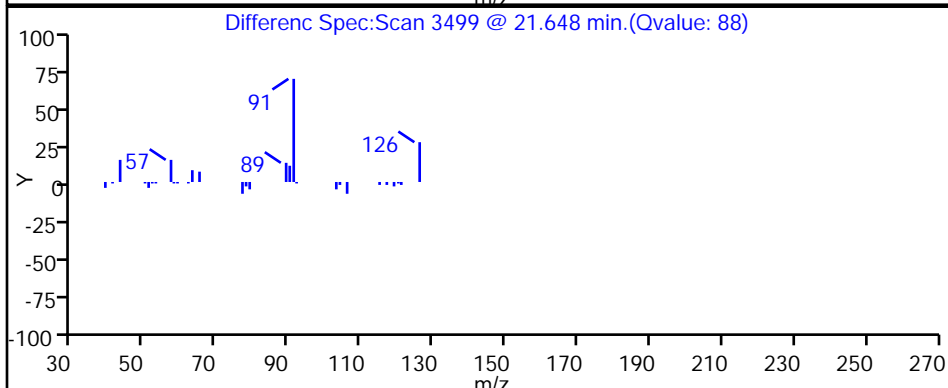
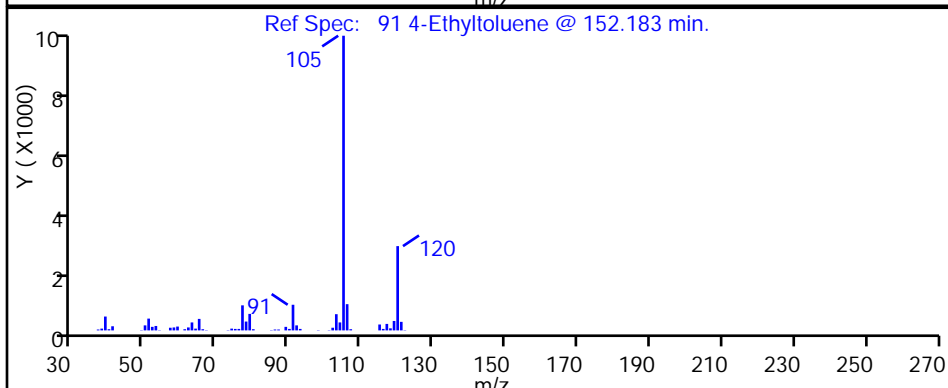
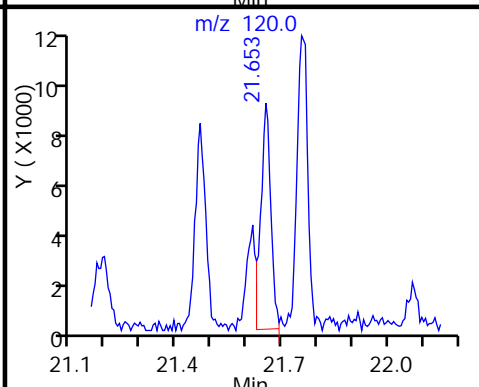
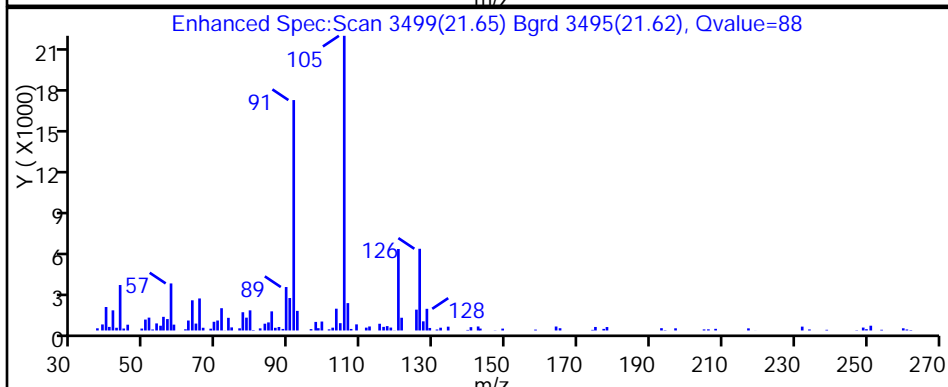
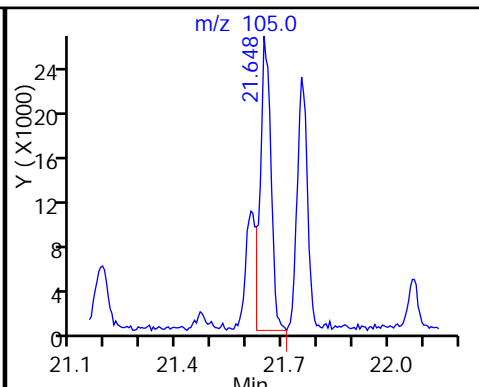
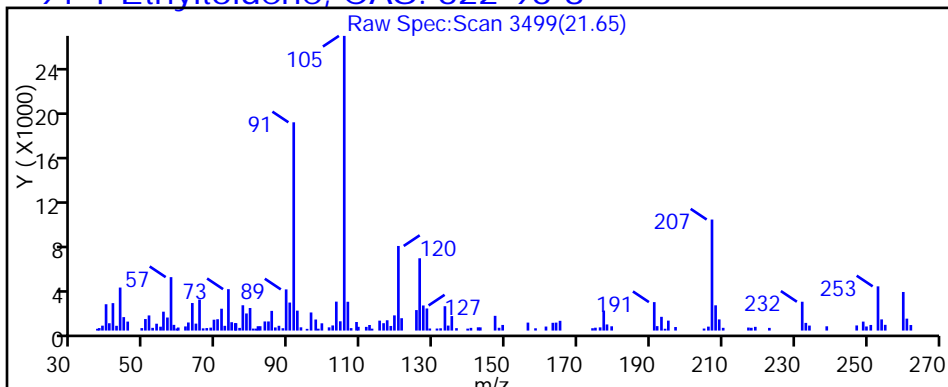
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

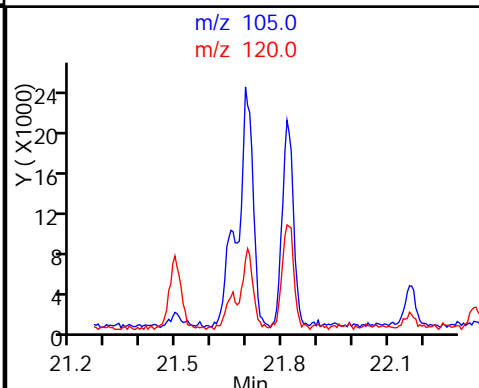
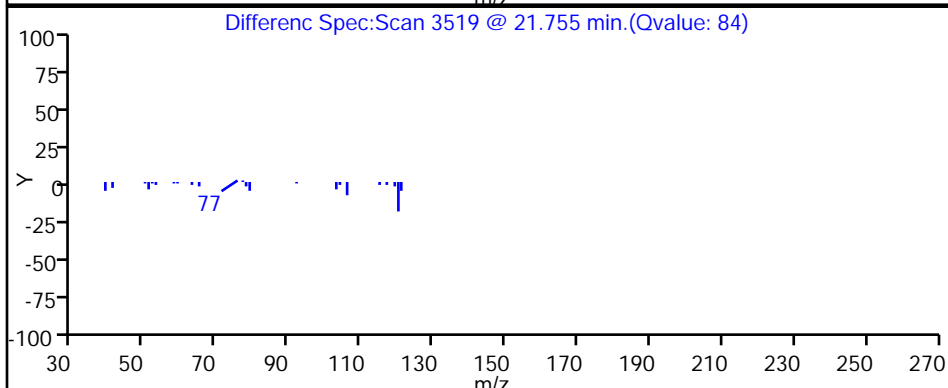
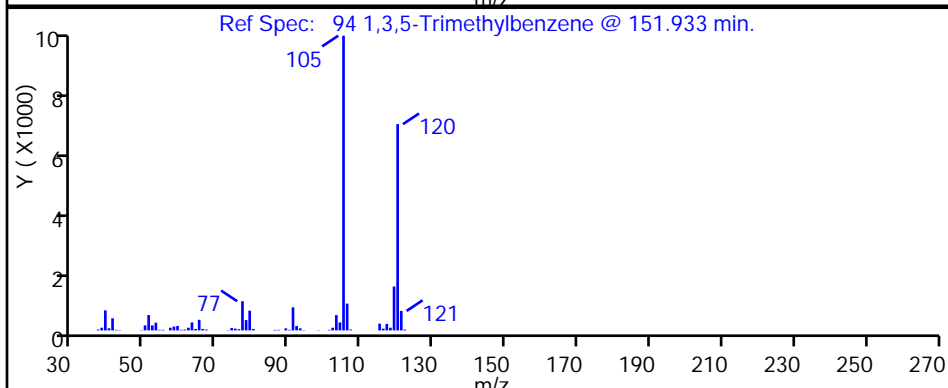
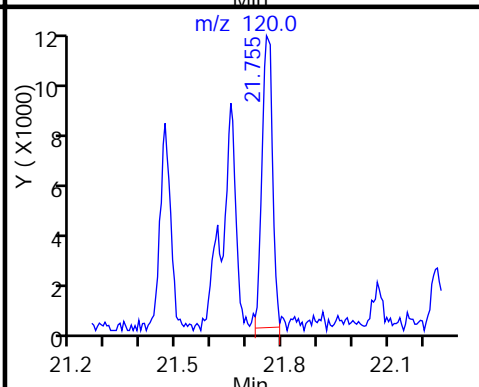
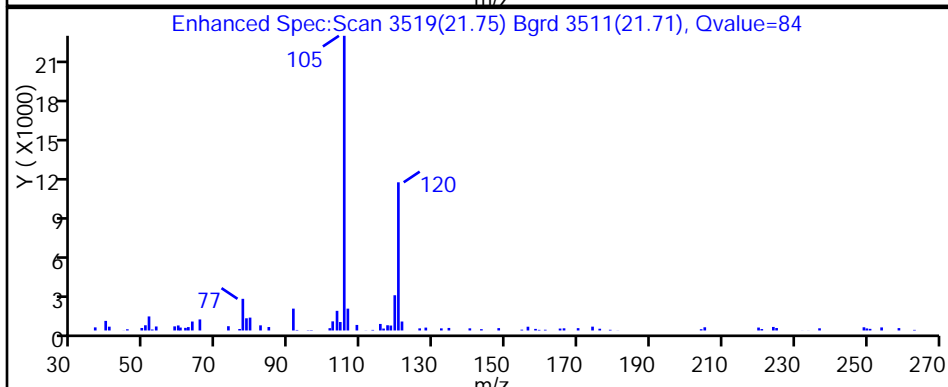
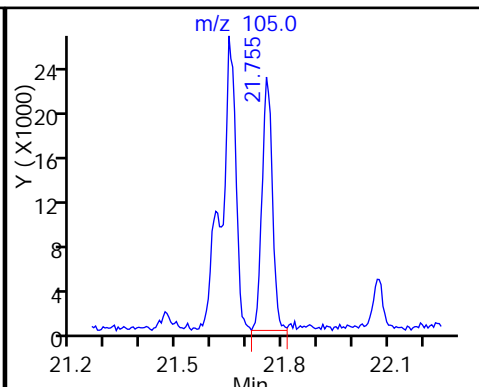
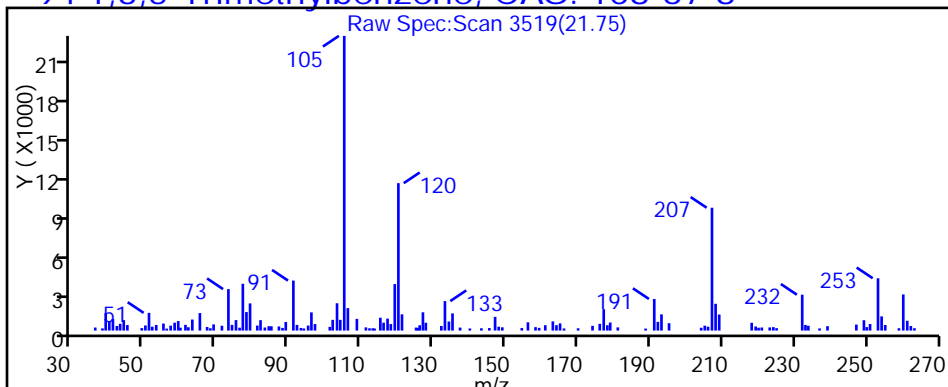
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

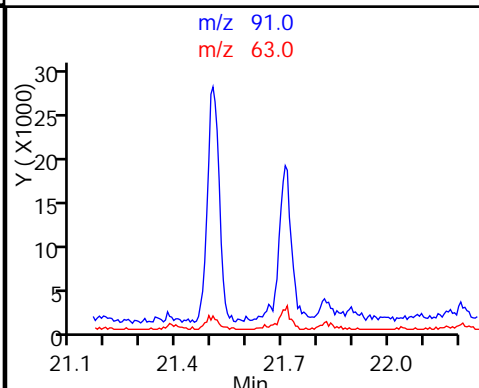
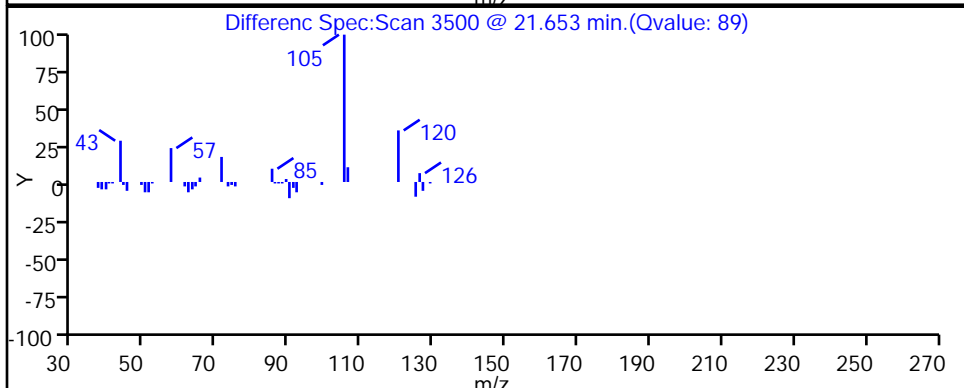
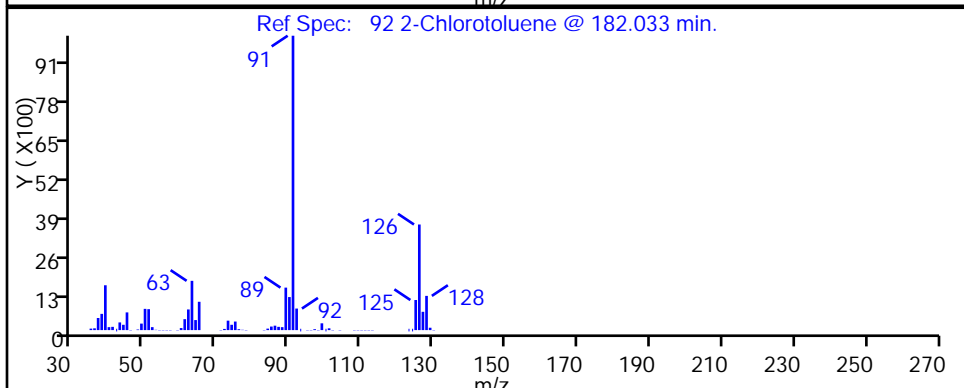
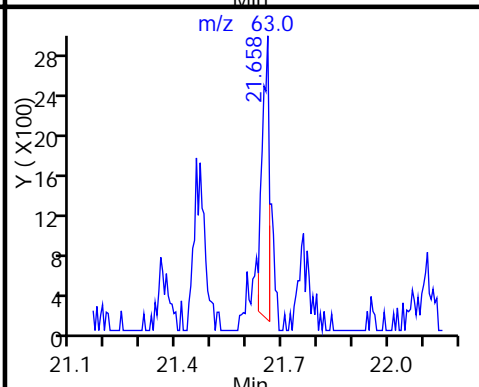
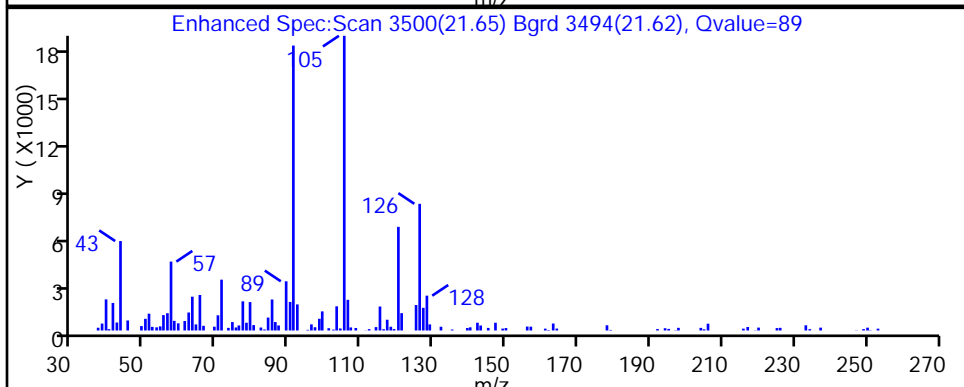
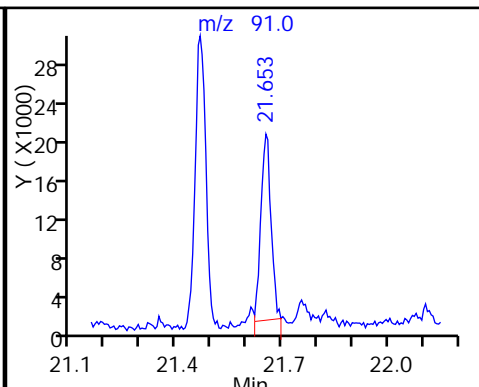
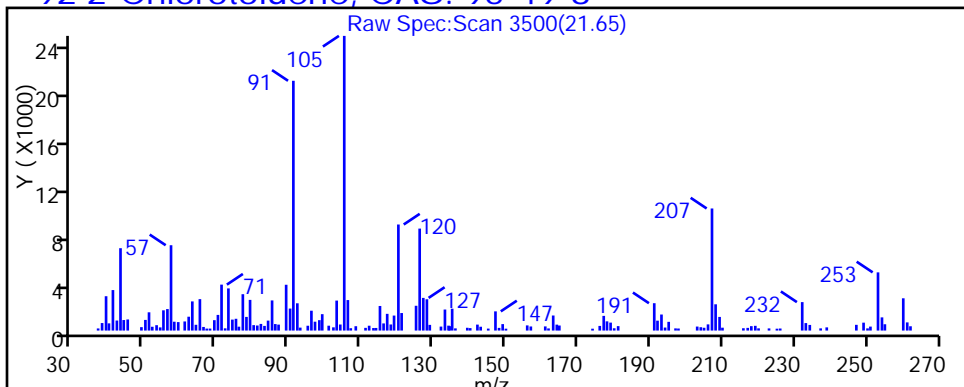
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

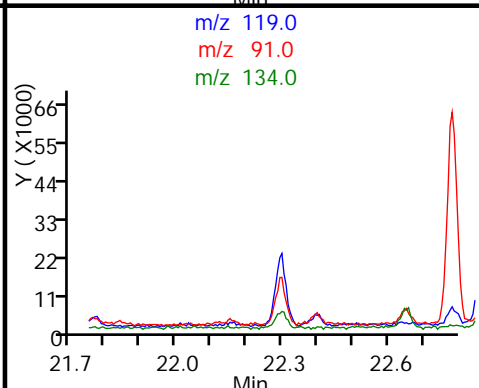
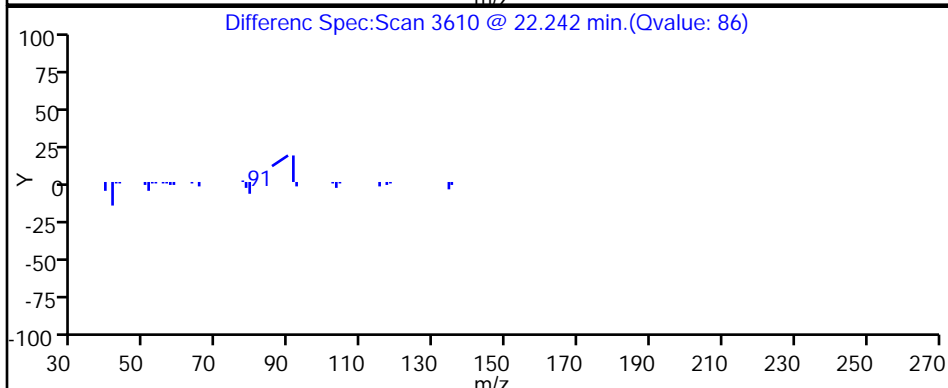
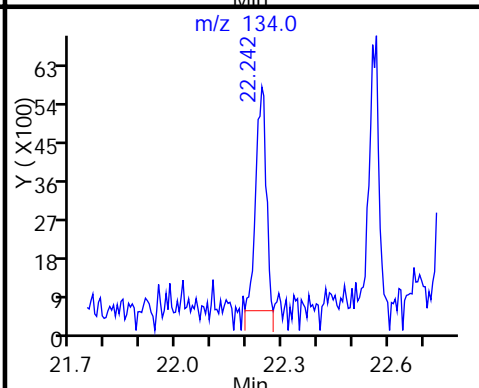
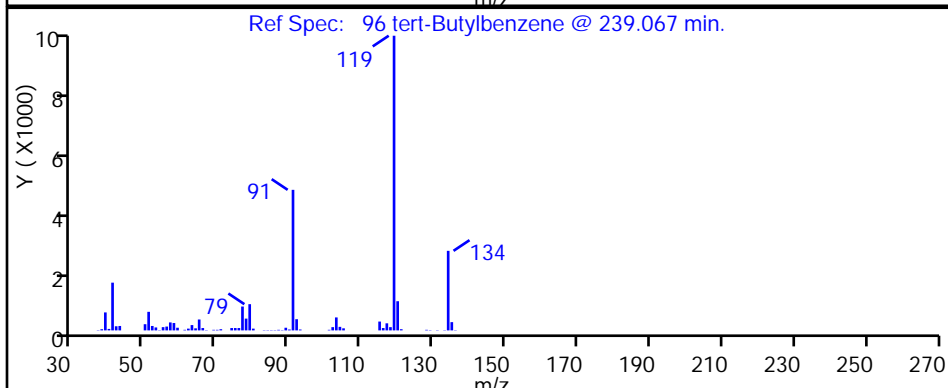
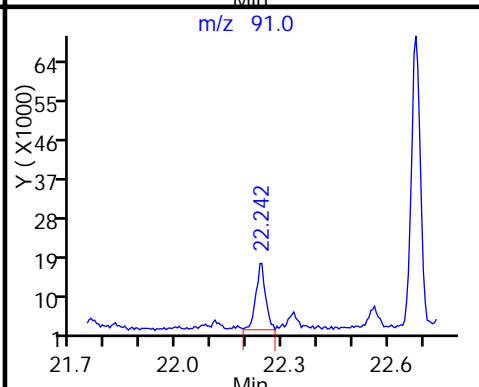
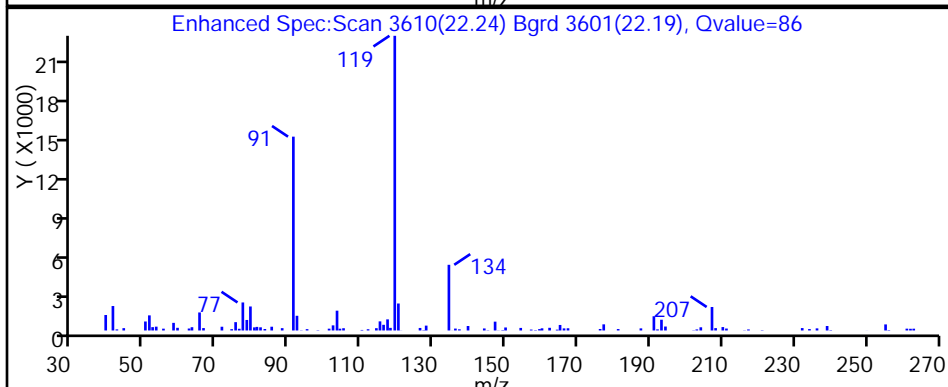
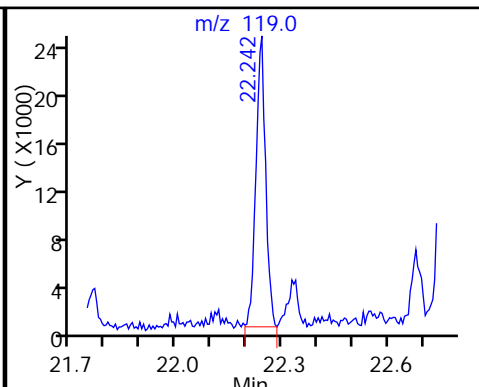
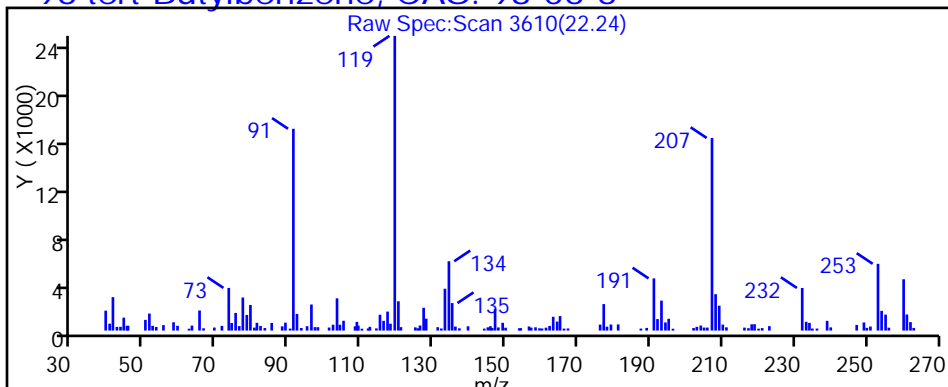
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

96 tert-Butylbenzene, CAS: 98-06-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

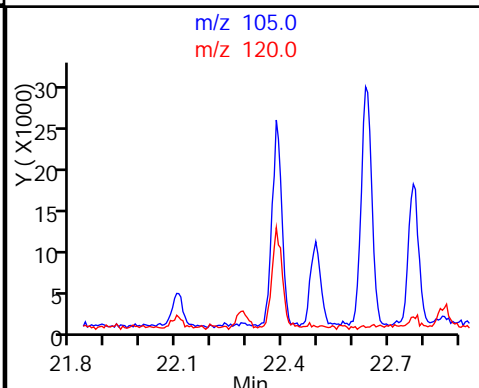
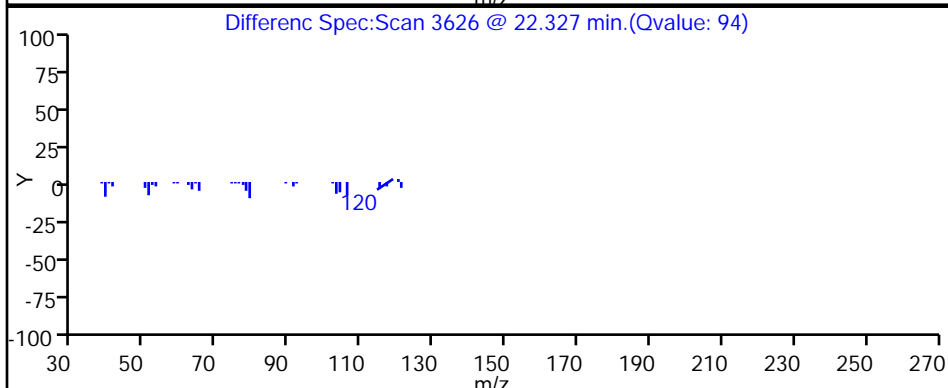
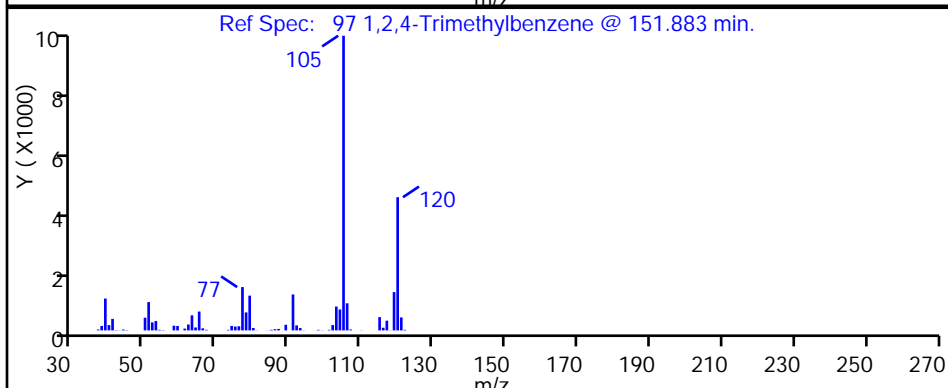
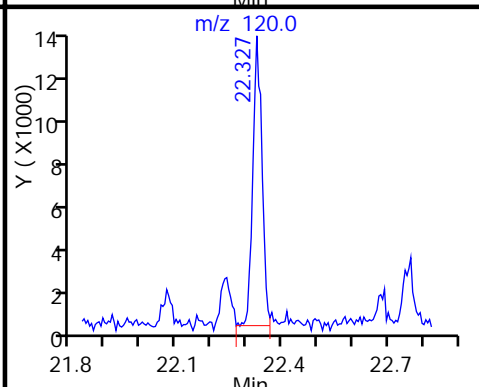
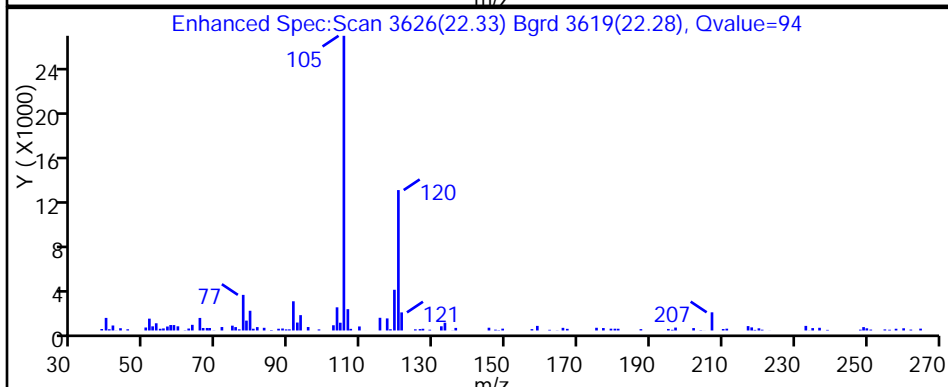
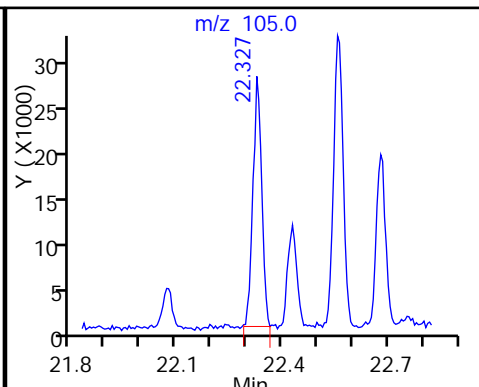
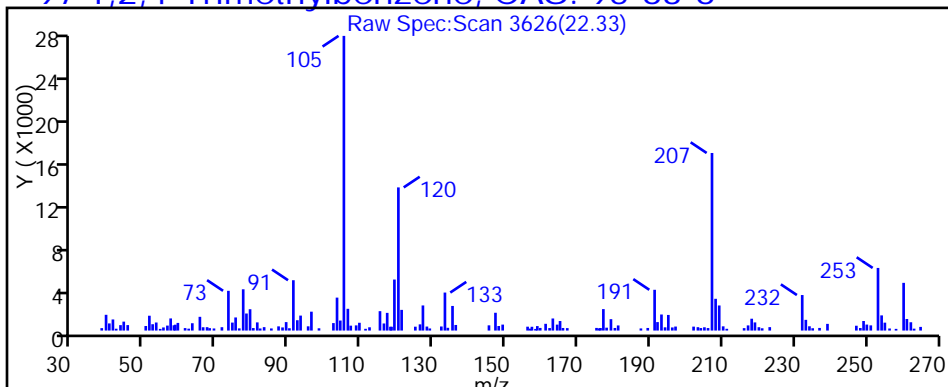
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

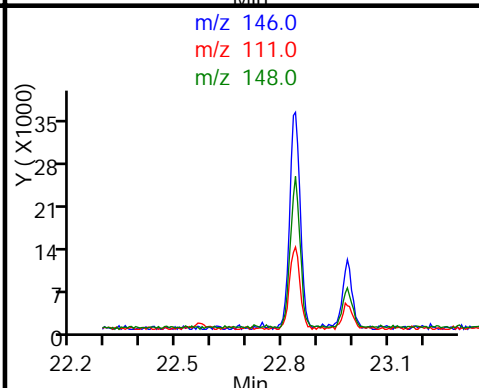
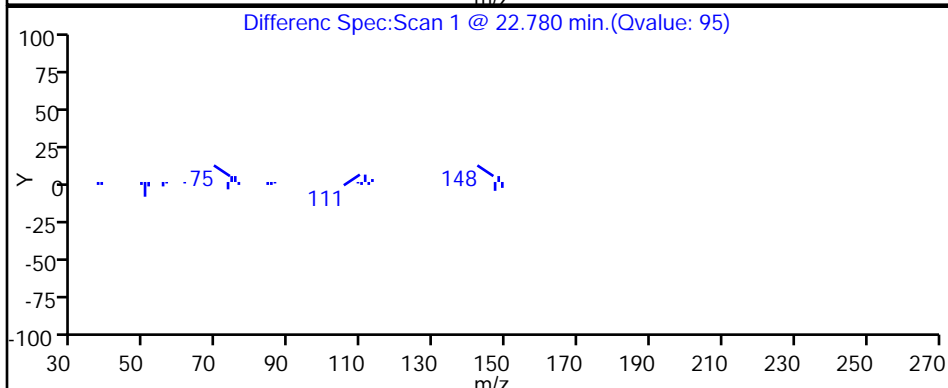
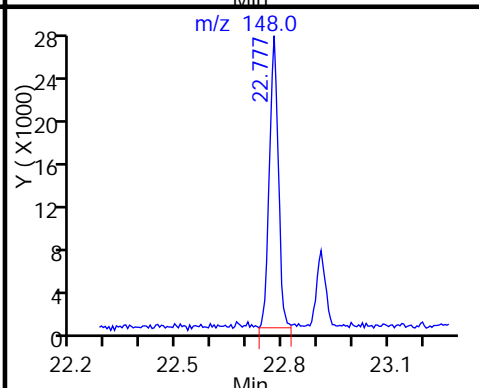
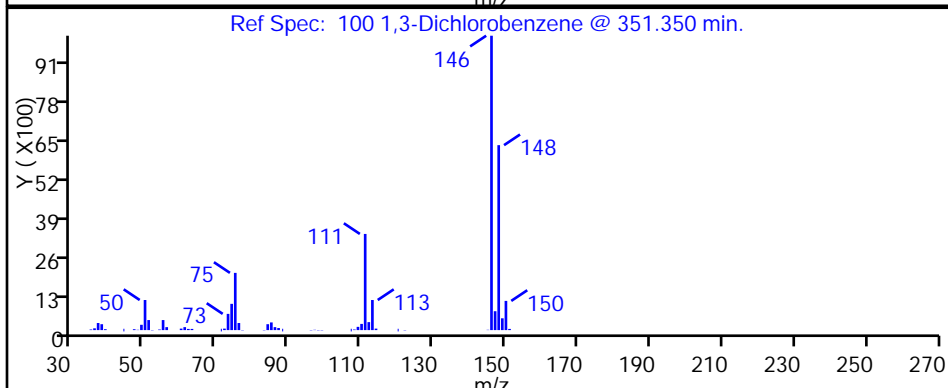
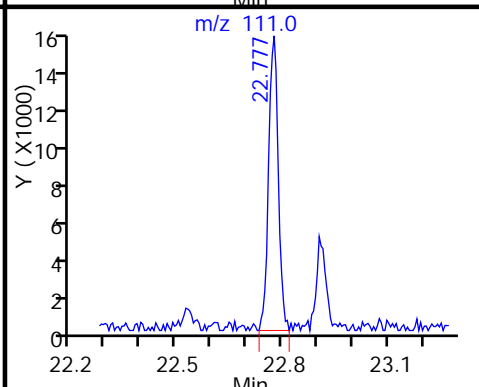
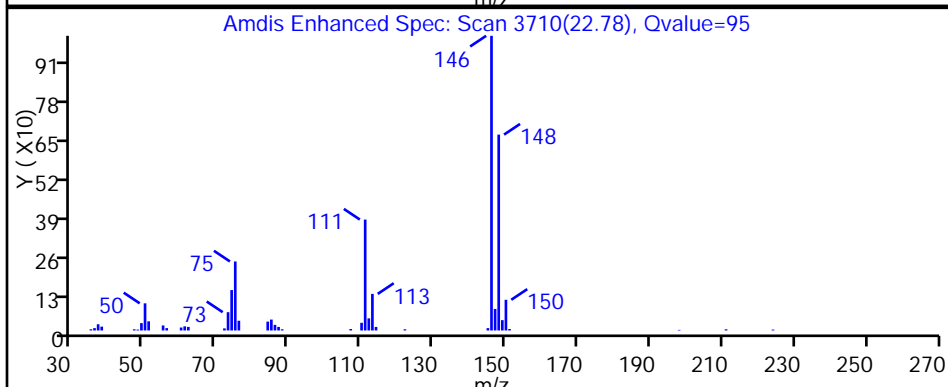
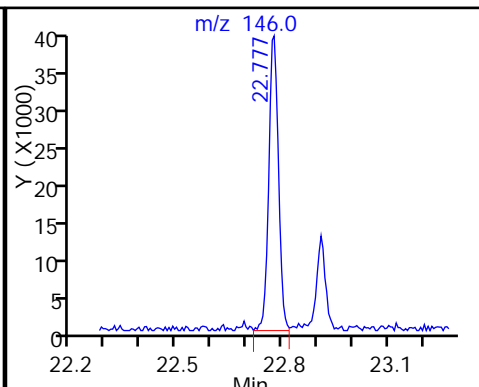
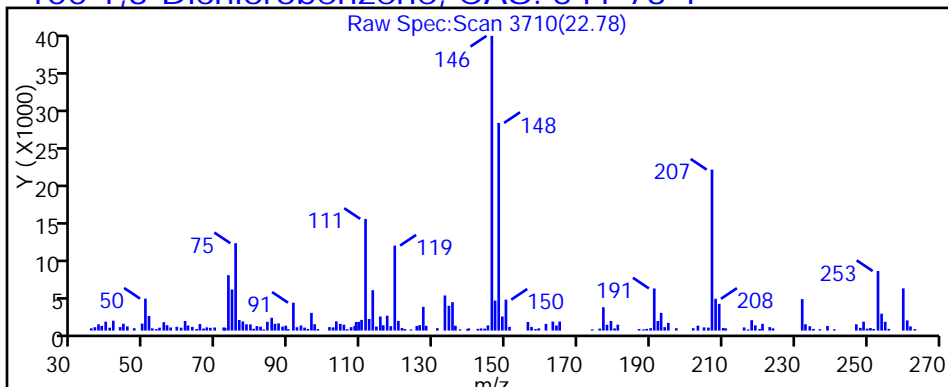
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

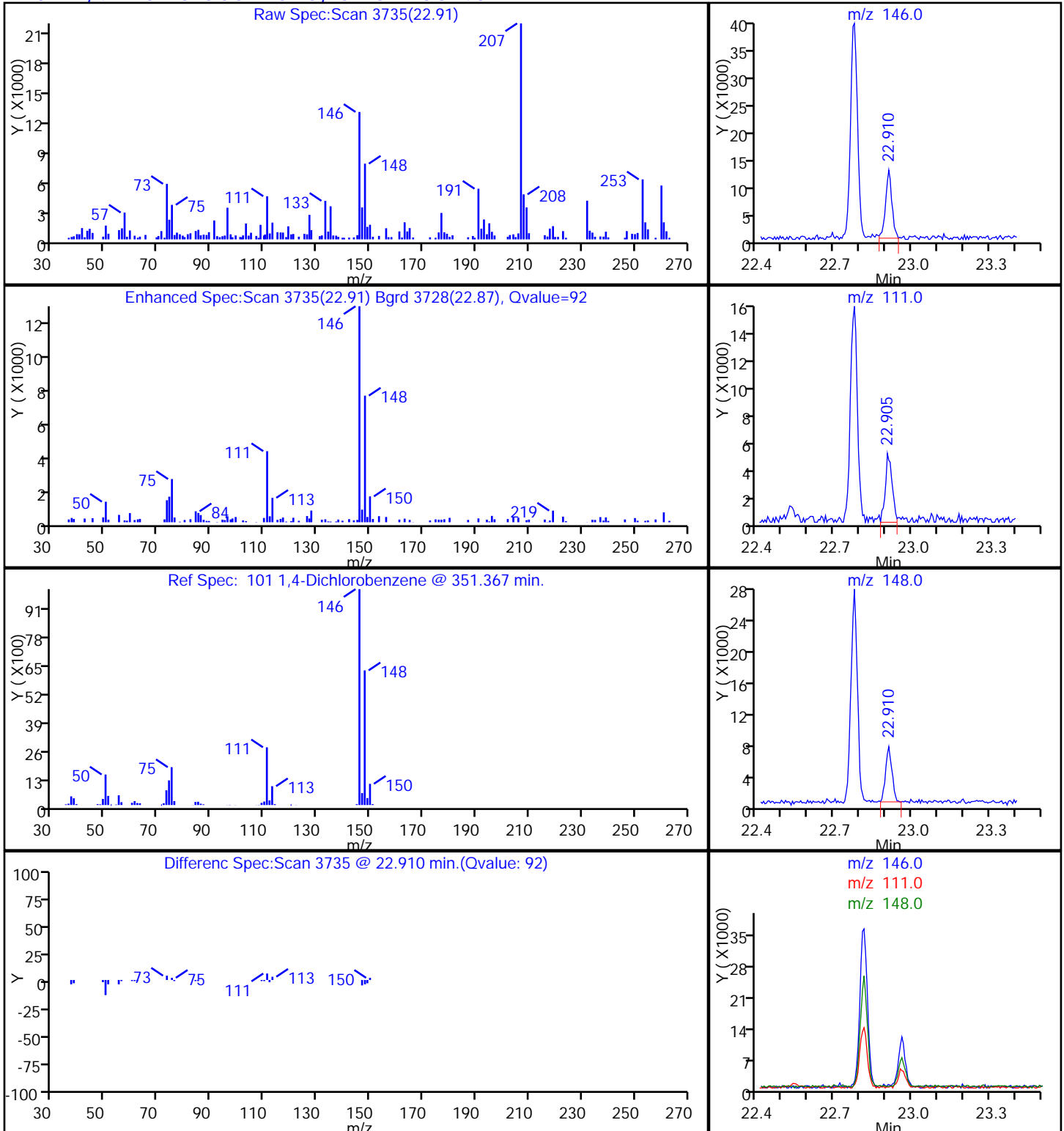
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D

Injection Date: 21-Feb-2014 23:08:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-2

Lab Sample ID: 200-20955-2

Client ID: SS-VMP-1B

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

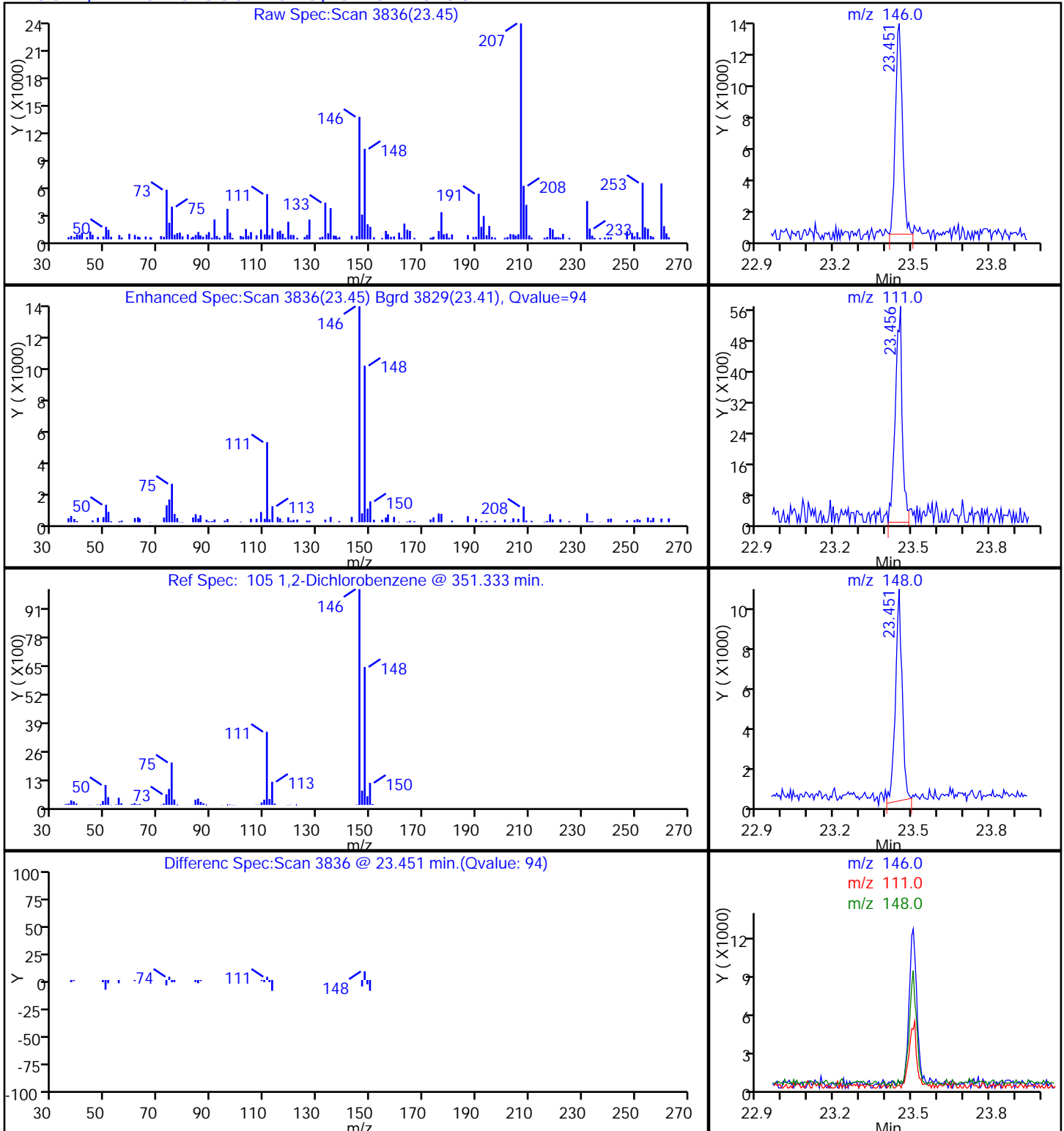
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

105 1,2-Dichlorobenzene, CAS: 95-50-1



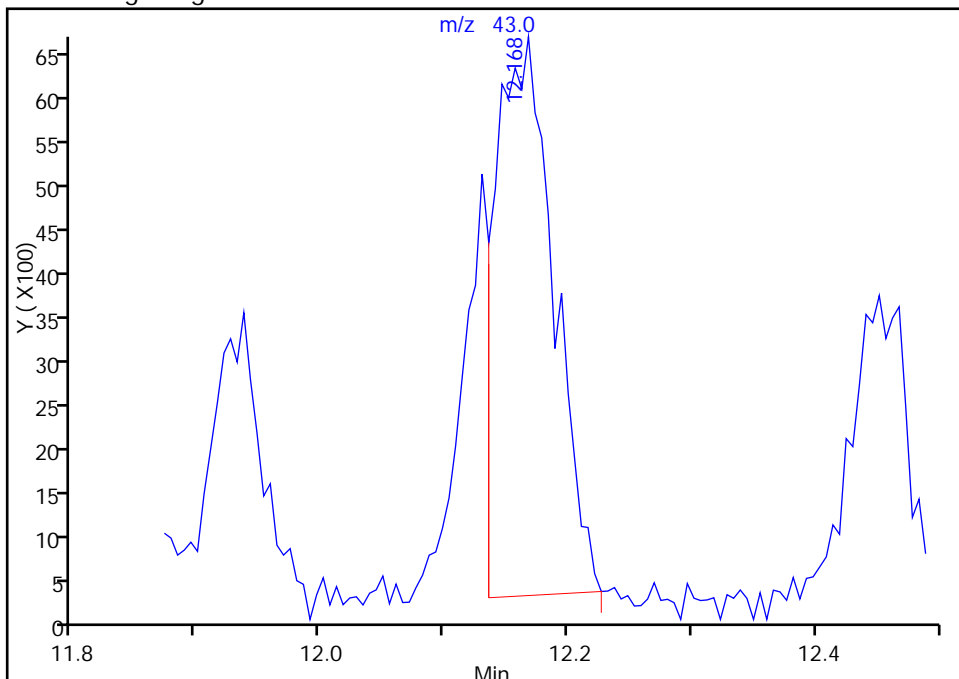
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D
Injection Date: 21-Feb-2014 23:08:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-2 Lab Sample ID: 200-20955-2
Client ID: SS-VMP-1B
Operator ID: bl ALS Bottle#: 13 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

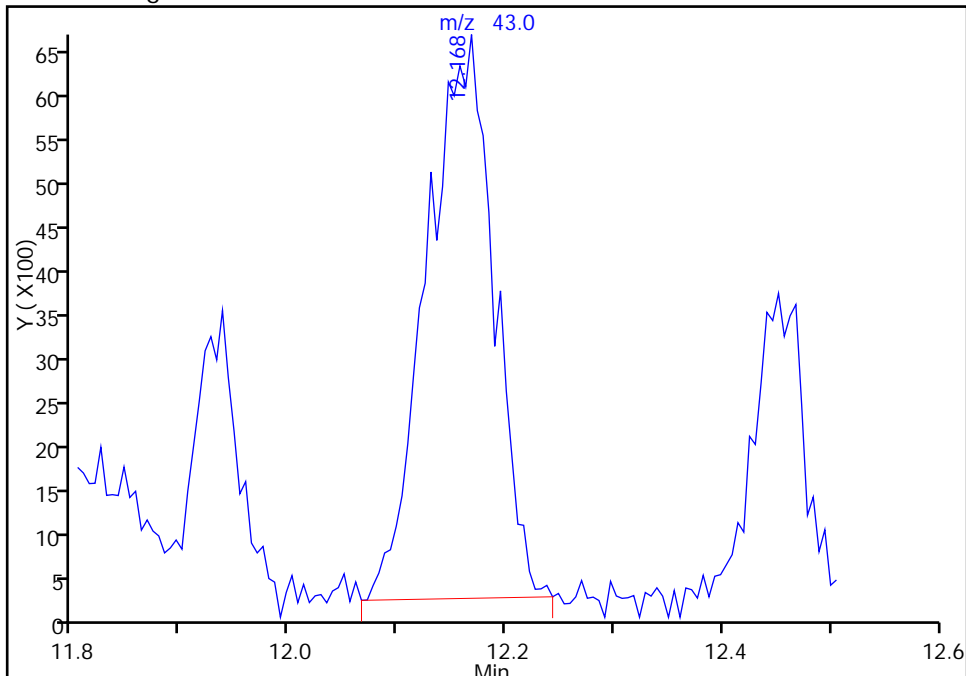
RT: 12.17
Response: 21077
Amount: 0.183709

Processing Integration Results



RT: 12.17
Response: 27902
Amount: 0.243196

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 11:52:28
Audit Action: Manually Integrated
Audit Reason: Baseline Event

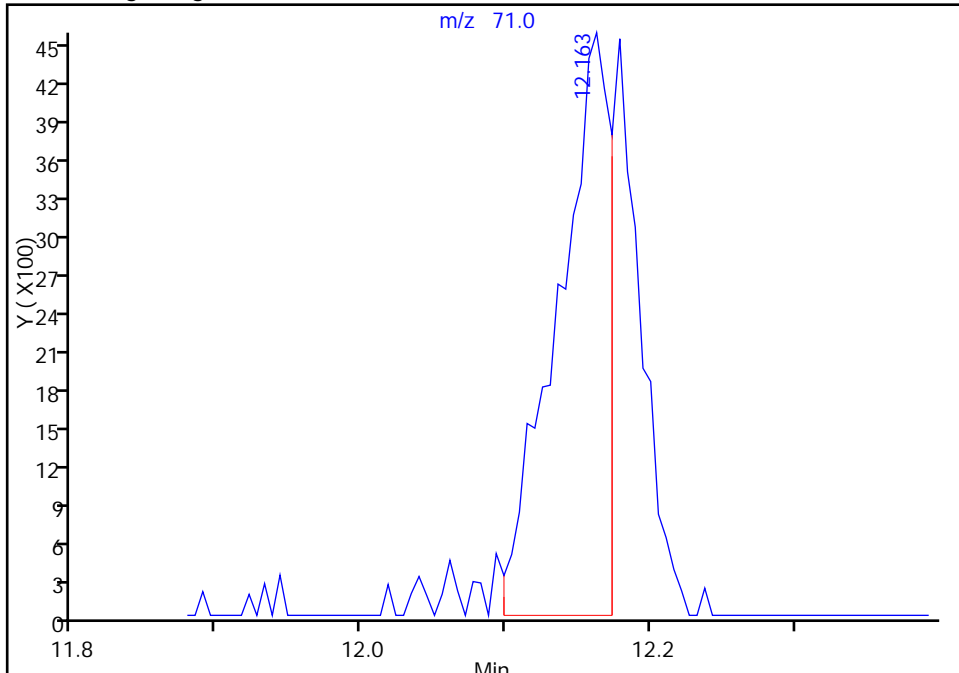
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_016.D
Injection Date: 21-Feb-2014 23:08:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-2 Lab Sample ID: 200-20955-2
Client ID: SS-VMP-1B
Operator ID: bl ALS Bottle#: 13 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

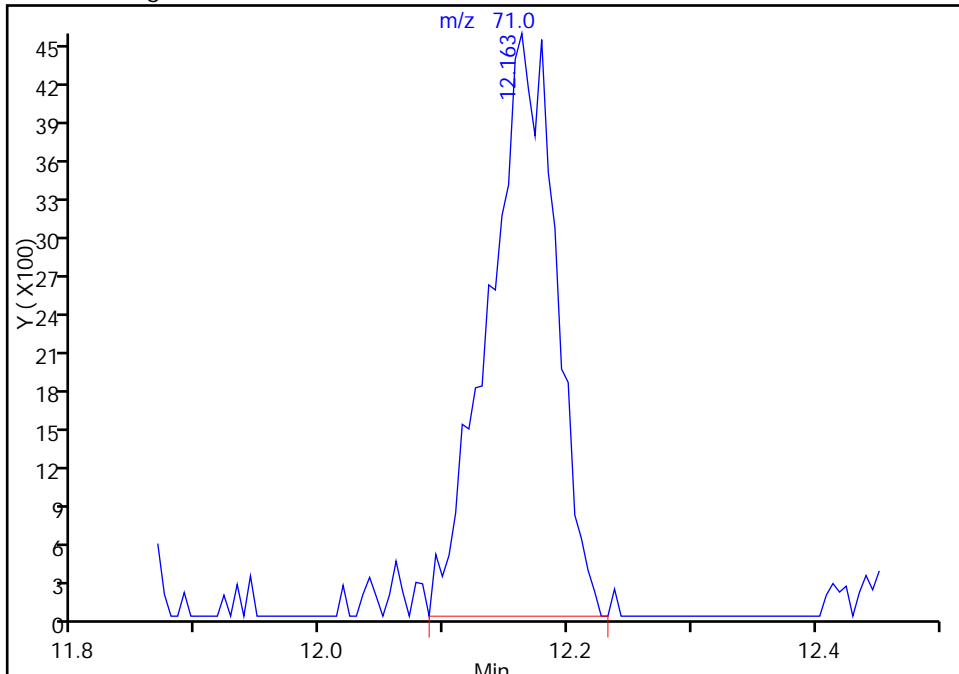
RT: 12.16
Response: 11599
Amount: 0.183709

Processing Integration Results



RT: 12.16
Response: 17055
Amount: 0.243196

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 11:52:28
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2B Lab Sample ID: 200-20955-4
 Matrix: Air Lab File ID: 6267_017.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:21
 Sample wt/vol: 80 (mL) Date Analyzed: 02/21/2014 23:55
 Soil Aliquot Vol: _____ Dilution Factor: 2.5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	27		1.3	0.075
75-45-6	Freon 22	86.47	0.32	J	1.3	0.12
76-14-2	Freon-114	170.92	0.50	U	0.50	0.088
74-87-3	Chloromethane	50.49	1.3	U	1.3	0.34
106-97-8	n-Butane	58.12	1.3	U	1.3	0.71
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.095
106-99-0	1,3-Butadiene	54.09	0.50	U	0.50	0.11
74-83-9	Bromomethane	94.94	0.50	U	0.50	0.070
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.075
593-60-2	Vinyl bromide	106.96	0.50	U	0.50	0.075
75-69-4	Freon 11	137.37	0.82		0.50	0.075
76-13-1	Freon 113	187.38	0.54		0.50	0.045
75-35-4	1,1-Dichloroethene	96.94	0.50	U	0.50	0.060
67-64-1	Acetone	58.08	15		13	3.1
67-63-0	Isopropyl alcohol	60.10	630	E	13	0.54
75-15-0	Carbon disulfide	76.14	1.3	U	1.3	0.17
107-05-1	Allyl chloride	76.53	1.3	U	1.3	0.085
75-09-2	Methylene Chloride	84.93	0.57	J	1.3	0.31
75-65-0	tert-Butyl alcohol	74.12	13	U	13	0.82
1634-04-4	Methyl tert-butyl ether	88.15	0.50	U	0.50	0.055
156-60-5	trans-1,2-Dichloroethene	96.94	0.50	U	0.50	0.073
110-54-3	Hexane	86.17	0.21	J	0.50	0.085
75-34-3	1,1-Dichloroethane	98.96	0.13	J	0.50	0.095
78-93-3	Methyl Ethyl Ketone	72.11	19		1.3	0.61
156-59-2	cis-1,2-Dichloroethene	96.94	0.50	U	0.50	0.095
540-59-0	1,2-Dichloroethene, Total	96.94	0.50	U	0.50	0.16
67-66-3	Chloroform	119.38	0.23	J	0.50	0.063
109-99-9	Tetrahydrofuran	72.11	1.0	J	13	0.12
71-55-6	1,1,1-Trichloroethane	133.41	13		0.50	0.053
110-82-7	Cyclohexane	84.16	9.3		0.50	0.063
56-23-5	Carbon tetrachloride	153.81	0.10	U	0.10	0.053
540-84-1	2,2,4-Trimethylpentane	114.23	0.50	U	0.50	0.068
71-43-2	Benzene	78.11	0.29	J	0.50	0.048
107-06-2	1,2-Dichloroethane	98.96	0.50	U	0.50	0.043
142-82-5	Heptane	100.21	0.50	U	0.50	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2B Lab Sample ID: 200-20955-4
 Matrix: Air Lab File ID: 6267_017.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:21
 Sample wt/vol: 80 (mL) Date Analyzed: 02/21/2014 23:55
 Soil Aliquot Vol: _____ Dilution Factor: 2.5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	4.2		0.10	0.060
80-62-6	Methyl methacrylate	100.12	1.3	U	1.3	0.075
78-87-5	1,2-Dichloropropane	112.99	0.50	U	0.50	0.080
123-91-1	1,4-Dioxane	88.11	13	U	13	0.50
75-27-4	Bromodichloromethane	163.83	0.50	U	0.50	0.043
10061-01-5	cis-1,3-Dichloropropene	110.97	0.50	U	0.50	0.070
108-10-1	methyl isobutyl ketone	100.16	1.3	U	1.3	0.068
108-88-3	Toluene	92.14	0.85		0.50	0.043
10061-02-6	trans-1,3-Dichloropropene	110.97	0.50	U	0.50	0.055
79-00-5	1,1,2-Trichloroethane	133.41	0.50	U	0.50	0.043
127-18-4	Tetrachloroethene	165.83	0.36	J	0.50	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.3	U	1.3	0.50
124-48-1	Dibromochloromethane	208.29	0.50	U	0.50	0.050
106-93-4	1,2-Dibromoethane	187.87	0.50	U	0.50	0.050
108-90-7	Chlorobenzene	112.56	0.14	J	0.50	0.020
100-41-4	Ethylbenzene	106.17	0.18	J	0.50	0.033
179601-23-1	m,p-Xylene	106.17	0.30	J	1.3	0.058
95-47-6	Xylene, o-	106.17	0.12	J	0.50	0.040
1330-20-7	Xylene (total)	106.17	0.42	J	0.50	0.085
100-42-5	Styrene	104.15	0.39	J	0.50	0.045
75-25-2	Bromoform	252.75	0.50	U	0.50	0.025
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.50	U	0.50	0.040
103-65-1	n-Propylbenzene	120.19	0.50	U	0.50	0.20
622-96-8	4-Ethyltoluene	120.20	0.075	J	0.50	0.045
108-67-8	1,3,5-Trimethylbenzene	120.20	0.059	J	0.50	0.030
95-49-8	2-Chlorotoluene	126.59	0.50	U	0.50	0.033
98-06-6	tert-Butylbenzene	134.22	0.50	U	0.50	0.043
95-63-6	1,2,4-Trimethylbenzene	120.20	0.16	J	0.50	0.035
135-98-8	sec-Butylbenzene	134.22	0.50	U	0.50	0.20
99-87-6	4-Isopropyltoluene	134.22	0.50	U	0.50	0.20
541-73-1	1,3-Dichlorobenzene	147.00	0.47	J	0.50	0.035
106-46-7	1,4-Dichlorobenzene	147.00	0.50	U	0.50	0.035
100-44-7	Benzyl chloride	126.58	0.50	U	0.50	0.20
104-51-8	n-Butylbenzene	134.22	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2B Lab Sample ID: 200-20955-4
 Matrix: Air Lab File ID: 6267_017.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:21
 Sample wt/vol: 80 (mL) Date Analyzed: 02/21/2014 23:55
 Soil Aliquot Vol: _____ Dilution Factor: 2.5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.50	U	0.50	0.035
120-82-1	1,2,4-Trichlorobenzene	181.45	1.3	U	1.3	0.068
87-68-3	Hexachloro-1,3-butadiene	260.76	0.50	U	0.50	0.055
91-20-3	Naphthalene	128.17	1.3	U	1.3	0.50

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2B Lab Sample ID: 200-20955-4
 Matrix: Air Lab File ID: 6267_017.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:21
 Sample wt/vol: 80 (mL) Date Analyzed: 02/21/2014 23:55
 Soil Aliquot Vol: _____ Dilution Factor: 2.5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	130		6.2	0.37
75-45-6	Freon 22	86.47	1.1	J	4.4	0.42
76-14-2	Freon-114	170.92	3.5	U	3.5	0.61
74-87-3	Chloromethane	50.49	2.6	U	2.6	0.70
106-97-8	n-Butane	58.12	3.0	U	3.0	1.7
75-01-4	Vinyl chloride	62.50	0.26	U	0.26	0.24
106-99-0	1,3-Butadiene	54.09	1.1	U	1.1	0.23
74-83-9	Bromomethane	94.94	1.9	U	1.9	0.27
75-00-3	Chloroethane	64.52	3.3	U	3.3	0.20
593-60-2	Vinyl bromide	106.96	2.2	U	2.2	0.33
75-69-4	Freon 11	137.37	4.6		2.8	0.42
76-13-1	Freon 113	187.38	4.1		3.8	0.34
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.24
67-64-1	Acetone	58.08	36		30	7.4
67-63-0	Isopropyl alcohol	60.10	1500	E	31	1.3
75-15-0	Carbon disulfide	76.14	3.9	U	3.9	0.51
107-05-1	Allyl chloride	76.53	3.9	U	3.9	0.27
75-09-2	Methylene Chloride	84.93	2.0	J	4.3	1.1
75-65-0	tert-Butyl alcohol	74.12	38	U	38	2.5
1634-04-4	Methyl tert-butyl ether	88.15	1.8	U	1.8	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.29
110-54-3	Hexane	86.17	0.75	J	1.8	0.30
75-34-3	1,1-Dichloroethane	98.96	0.51	J	2.0	0.38
78-93-3	Methyl Ethyl Ketone	72.11	56		3.7	1.8
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.38
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.63
67-66-3	Chloroform	119.38	1.1	J	2.4	0.31
109-99-9	Tetrahydrofuran	72.11	3.0	J	37	0.34
71-55-6	1,1,1-Trichloroethane	133.41	72		2.7	0.29
110-82-7	Cyclohexane	84.16	32		1.7	0.22
56-23-5	Carbon tetrachloride	153.81	0.63	U	0.63	0.33
540-84-1	2,2,4-Trimethylpentane	114.23	2.3	U	2.3	0.32
71-43-2	Benzene	78.11	0.92	J	1.6	0.15
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.17
142-82-5	Heptane	100.21	2.0	U	2.0	0.47

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2B Lab Sample ID: 200-20955-4
 Matrix: Air Lab File ID: 6267_017.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:21
 Sample wt/vol: 80 (mL) Date Analyzed: 02/21/2014 23:55
 Soil Aliquot Vol: _____ Dilution Factor: 2.5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	23		0.54	0.32
80-62-6	Methyl methacrylate	100.12	5.1	U	5.1	0.31
78-87-5	1,2-Dichloropropane	112.99	2.3	U	2.3	0.37
123-91-1	1,4-Dioxane	88.11	45	U	45	1.8
75-27-4	Bromodichloromethane	163.83	3.4	U	3.4	0.28
10061-01-5	cis-1,3-Dichloropropene	110.97	2.3	U	2.3	0.32
108-10-1	methyl isobutyl ketone	100.16	5.1	U	5.1	0.28
108-88-3	Toluene	92.14	3.2		1.9	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	2.3	U	2.3	0.25
79-00-5	1,1,2-Trichloroethane	133.41	2.7	U	2.7	0.23
127-18-4	Tetrachloroethene	165.83	2.4	J	3.4	0.27
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.1	U	5.1	2.0
124-48-1	Dibromochloromethane	208.29	4.3	U	4.3	0.43
106-93-4	1,2-Dibromoethane	187.87	3.8	U	3.8	0.38
108-90-7	Chlorobenzene	112.56	0.64	J	2.3	0.093
100-41-4	Ethylbenzene	106.17	0.78	J	2.2	0.14
179601-23-1	m,p-Xylene	106.17	1.3	J	5.4	0.25
95-47-6	Xylene, o-	106.17	0.53	J	2.2	0.17
1330-20-7	Xylene (total)	106.17	1.8	J	2.2	0.37
100-42-5	Styrene	104.15	1.7	J	2.1	0.19
75-25-2	Bromoform	252.75	5.2	U	5.2	0.26
79-34-5	1,1,2,2-Tetrachloroethane	167.85	3.4	U	3.4	0.27
103-65-1	n-Propylbenzene	120.19	2.5	U	2.5	0.98
622-96-8	4-Ethyltoluene	120.20	0.37	J	2.5	0.22
108-67-8	1,3,5-Trimethylbenzene	120.20	0.29	J	2.5	0.15
95-49-8	2-Chlorotoluene	126.59	2.6	U	2.6	0.17
98-06-6	tert-Butylbenzene	134.22	2.7	U	2.7	0.23
95-63-6	1,2,4-Trimethylbenzene	120.20	0.79	J	2.5	0.17
135-98-8	sec-Butylbenzene	134.22	2.7	U	2.7	1.1
99-87-6	4-Isopropyltoluene	134.22	2.7	U	2.7	1.1
541-73-1	1,3-Dichlorobenzene	147.00	2.8	J	3.0	0.21
106-46-7	1,4-Dichlorobenzene	147.00	3.0	U	3.0	0.21
100-44-7	Benzyl chloride	126.58	2.6	U	2.6	1.0
104-51-8	n-Butylbenzene	134.22	2.7	U	2.7	1.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2B Lab Sample ID: 200-20955-4
 Matrix: Air Lab File ID: 6267_017.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:21
 Sample wt/vol: 80 (mL) Date Analyzed: 02/21/2014 23:55
 Soil Aliquot Vol: _____ Dilution Factor: 2.5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	3.0	U	3.0	0.21
120-82-1	1,2,4-Trichlorobenzene	181.45	9.3	U	9.3	0.50
87-68-3	Hexachloro-1,3-butadiene	260.76	5.3	U	5.3	0.59
91-20-3	Naphthalene	128.17	6.6	U	6.6	2.6

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D
 Lims ID: 200-20955-A-4 Lab Sample ID: 200-20955-4
 Client ID: SS-VMP-2B
 Sample Type: Client
 Inject. Date: 21-Feb-2014 23:55:30 ALS Bottle#: 14 Worklist Smp#: 17
 Purge Vol: 200.000 mL Dil. Factor: 2.5000
 Sample Info: 200-0006267-017
 Misc. Info.: 20955-4
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:43:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	2318299	10.8	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	44	10473	0.1295	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101	5.347	5.347	0.0	94	80172	0.3266	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.471	6.476	-0.005	89	33036	0.2145	
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43	6.722	6.717	0.005	87	362619	6.02	
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.075	7.038	0.037	98	12185977	250.9	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	69	11019	0.2276	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57	8.493	8.493	0.0	77	4874	0.0848	
37 1,1-Dichloroethane	63	8.947	8.947	0.0	36	5081	0.0504	
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.135	10.135	0.0	98	224976	7.53	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	684971	10.0	
44 Tetrahydrofuran	42	10.590	10.579	0.011	79	18844	0.4082	
45 Chloroform	83	10.697	10.702	-0.005	48	18012	0.0920	
46 Cyclohexane	84	10.991	10.991	0.0	83	360269	3.72	
47 1,1,1-Trichloroethane	97	11.002	11.002	0.0	95	1210544	5.28	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags				
	48			117	11.269	11.269	0.0	54	6102	0.0209	
	50			78	11.740	11.740	0.0	86	29735	0.1148	
	51			57		11.761					
	52			62		11.911					
	53			43		12.168					
*	54			114	12.623	12.623	0.0	91	3881161	10.0	
	56			95	13.110	13.110	0.0	94	309930	1.69	
	58			63		13.682					
	59			69		13.880					
	60			88		13.917					
	62			83		14.249					
	64			75		15.228					
	65			43		15.528					
	66			92	15.849	15.849	0.0	93	93748	0.3395	
	70			75		16.437					
	71			83		16.812					
	72			166	16.961	16.961	0.0	95	42312	0.1426	
	73			43		17.282					
	74			129		17.587					
	75			107		17.860					
*	76			117	18.786	18.786	0.0	81	3768778	10.0	
	77			112	18.844	18.844	0.0	29	22194	0.0554	
	78			91	19.016	19.016	0.0	89	41433	0.0722	
	80			106	19.267	19.272	-0.005	99	28279	0.1206	
S	82			106				0		0.1691	7
	83			106	20.091	20.102	-0.011	32	11876	0.0485	
	84			104	20.150	20.144	0.006	96	50858	0.1561	
	85			173		20.530					
\$	87			95	21.107	21.107	0.0	96	1865534	NC	
	88			83		21.364					
	90			91		21.471					
	92			91		21.653					
	91			105	21.653	21.653	0.0	74	16950	0.0300	7
	94			105	21.755	21.760	-0.005	65	13139	0.0235	7
	96			119		22.242					
	97			105	22.332	22.332	0.0	95	34815	0.0643	
	98			105		22.562					
	99			119		22.760					
	100			146	22.776	22.776	0.0	96	63752	0.1895	
	101			146		22.910					
	102			91		23.103					
	103			91		23.338					
	105			146		23.451					
	107			180		26.013					
	108			225		26.227					
	109			128		26.505					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Worklist Smp#: 17

Client ID: SS-VMP-2B

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

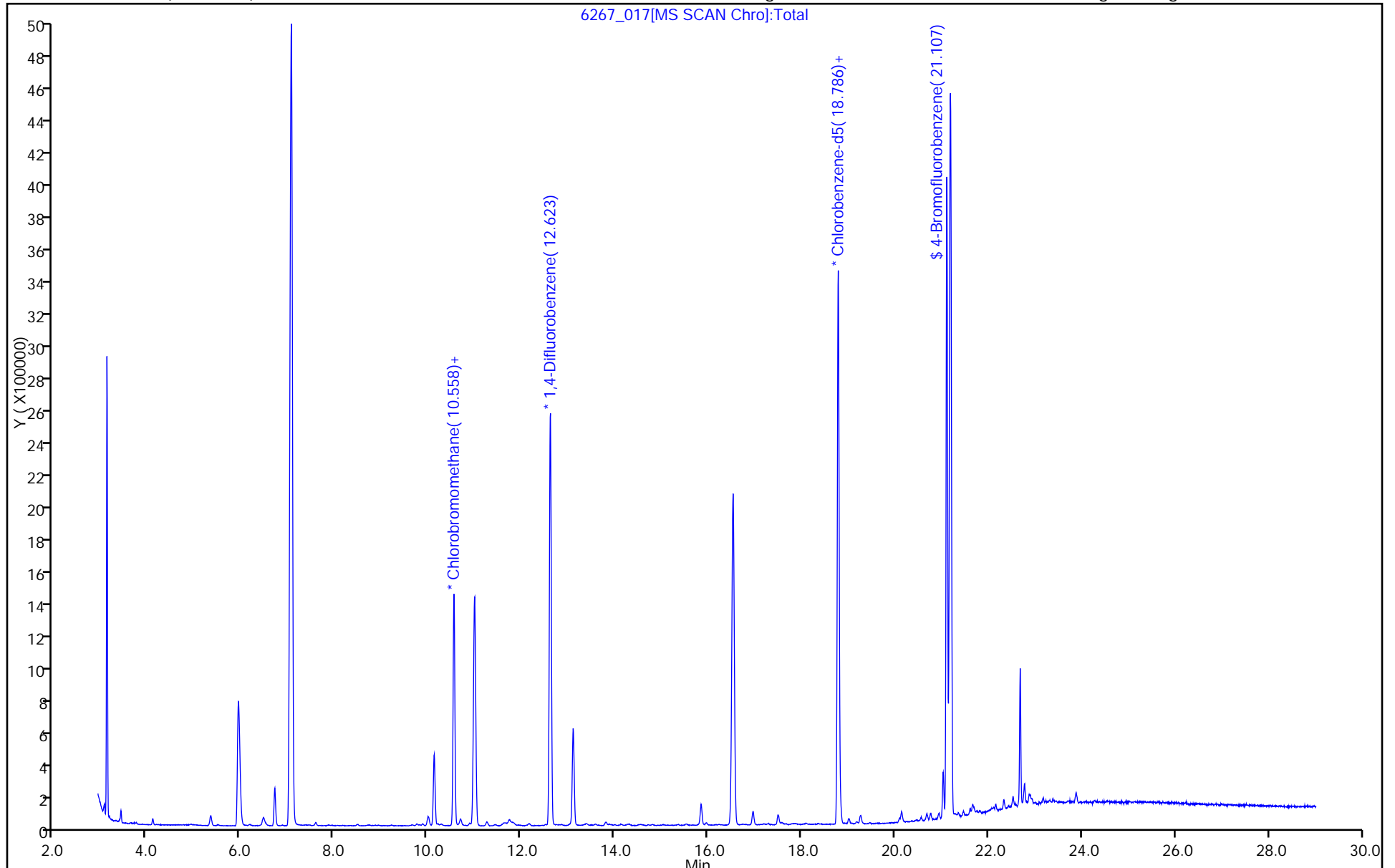
ALS Bottle#: 14

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

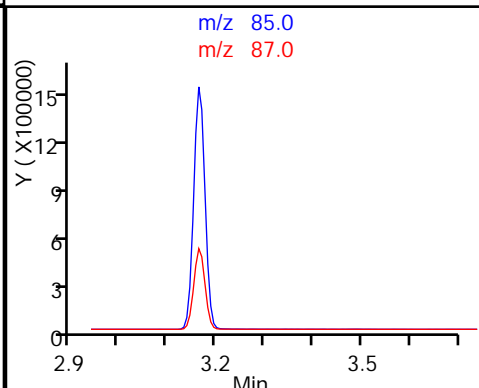
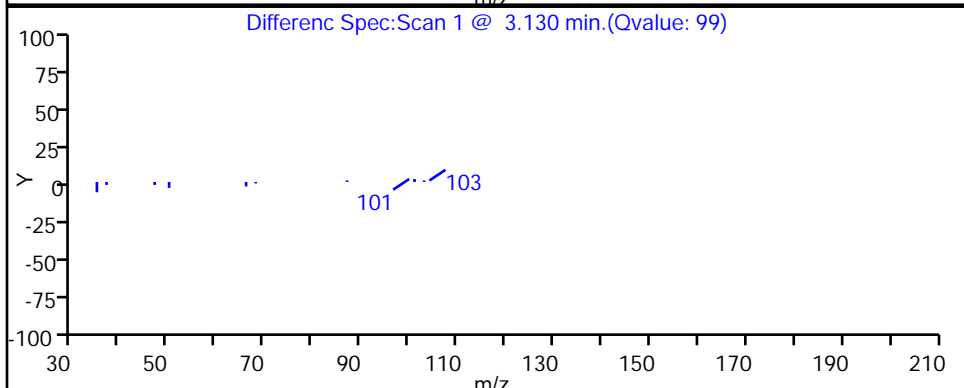
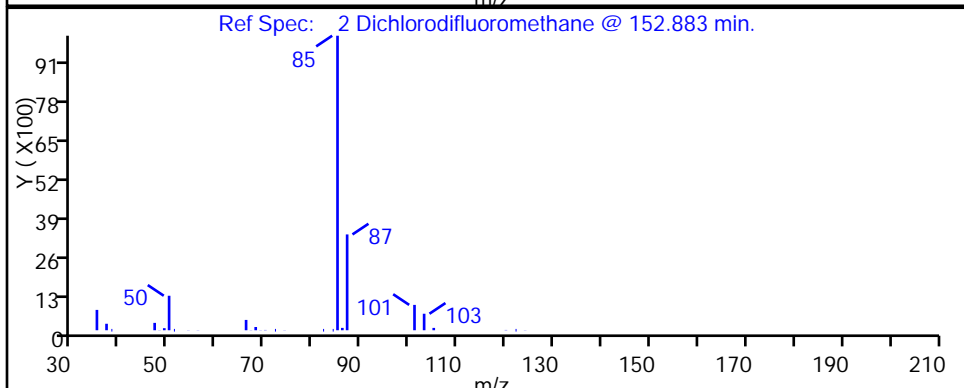
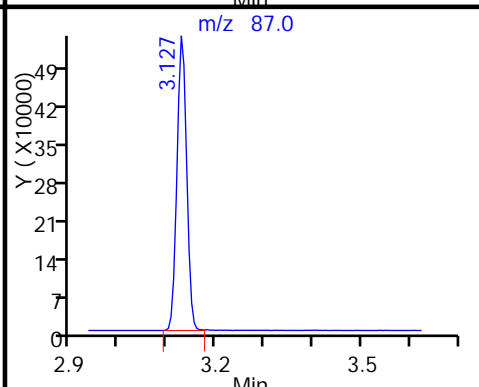
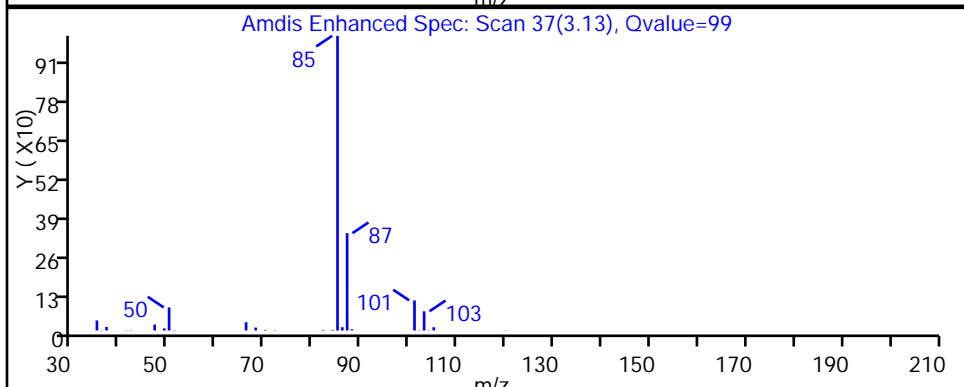
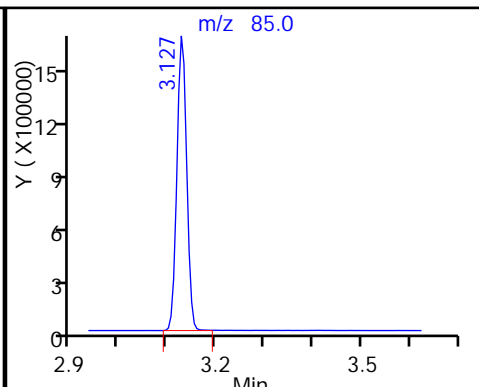
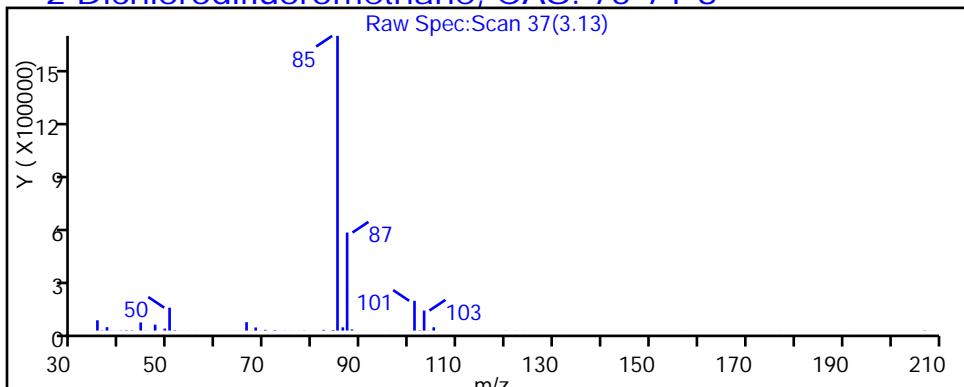
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

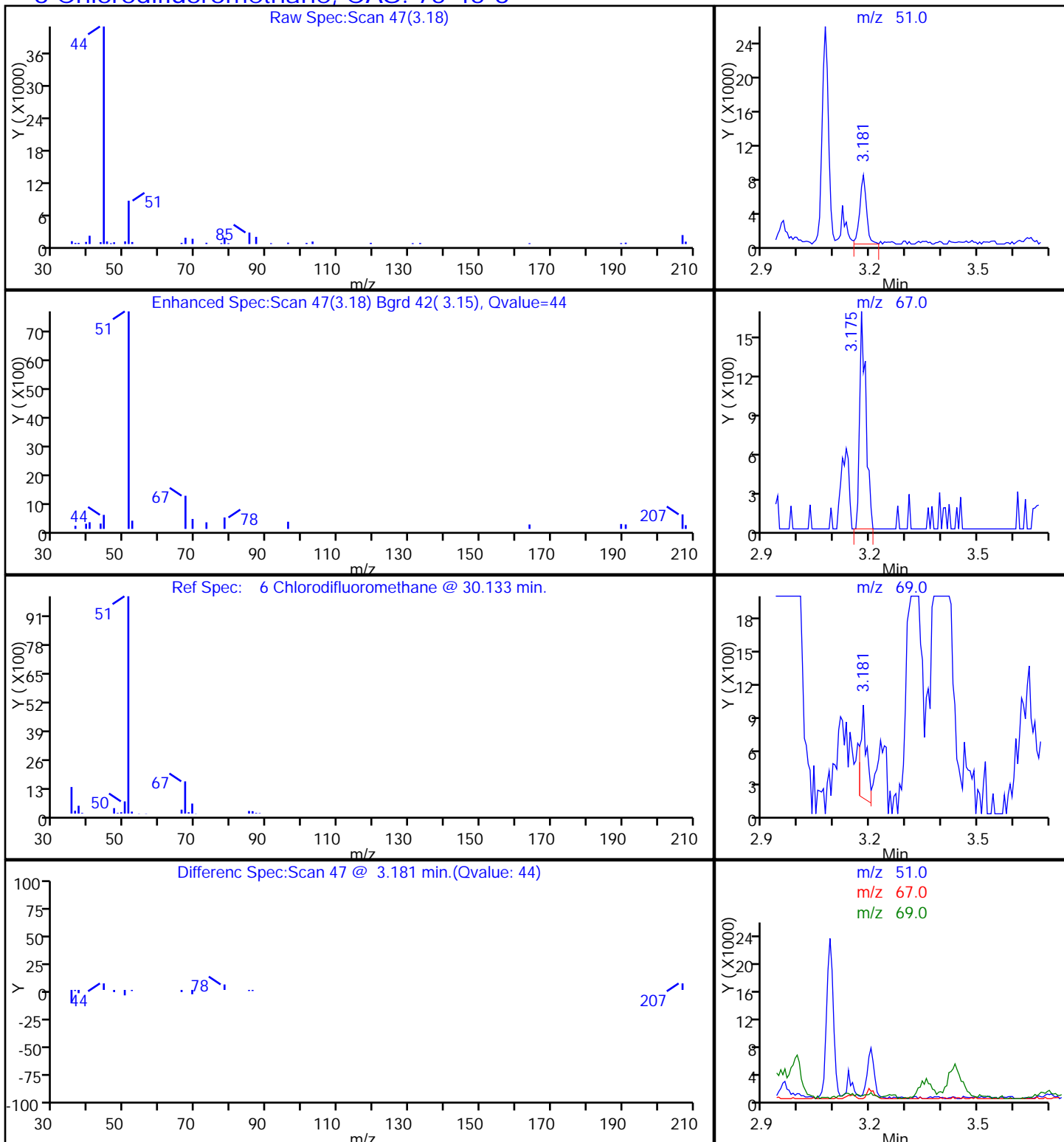
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

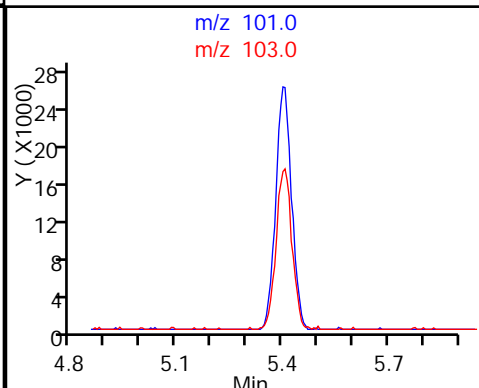
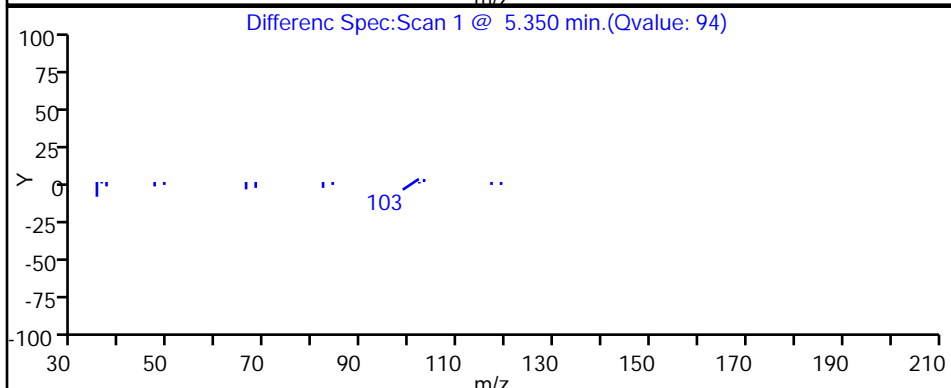
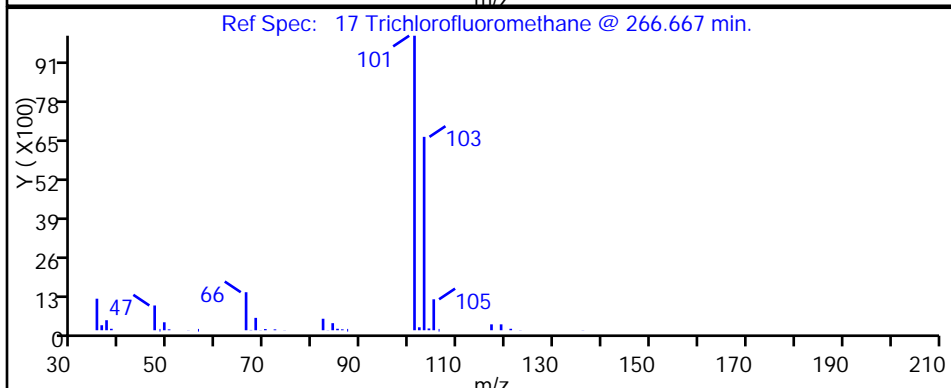
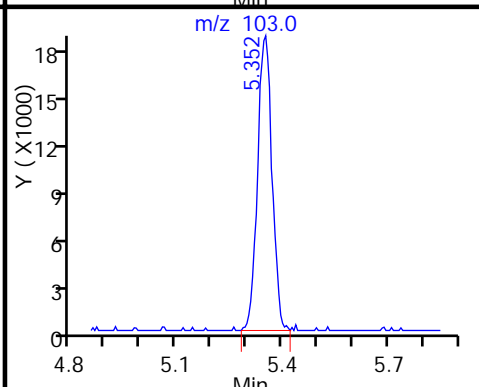
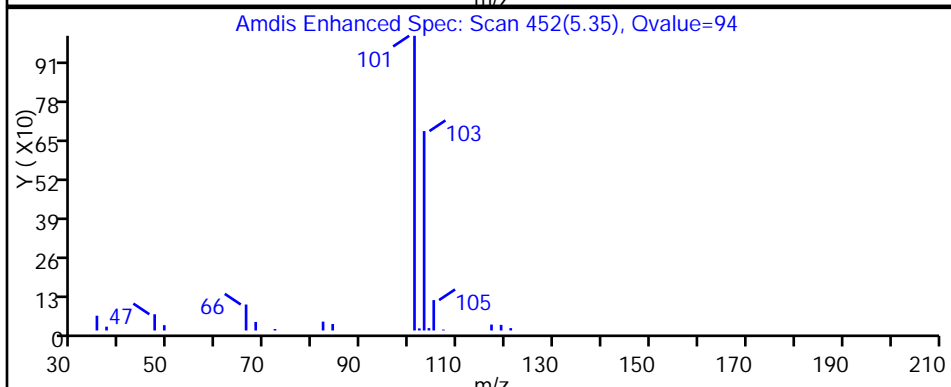
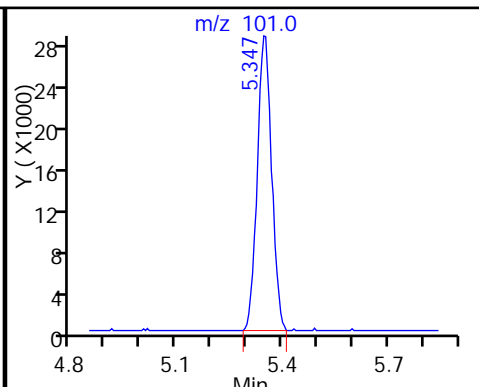
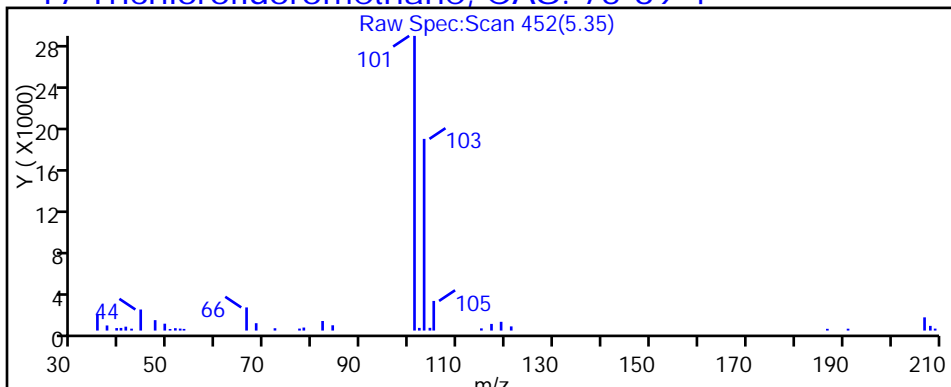
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

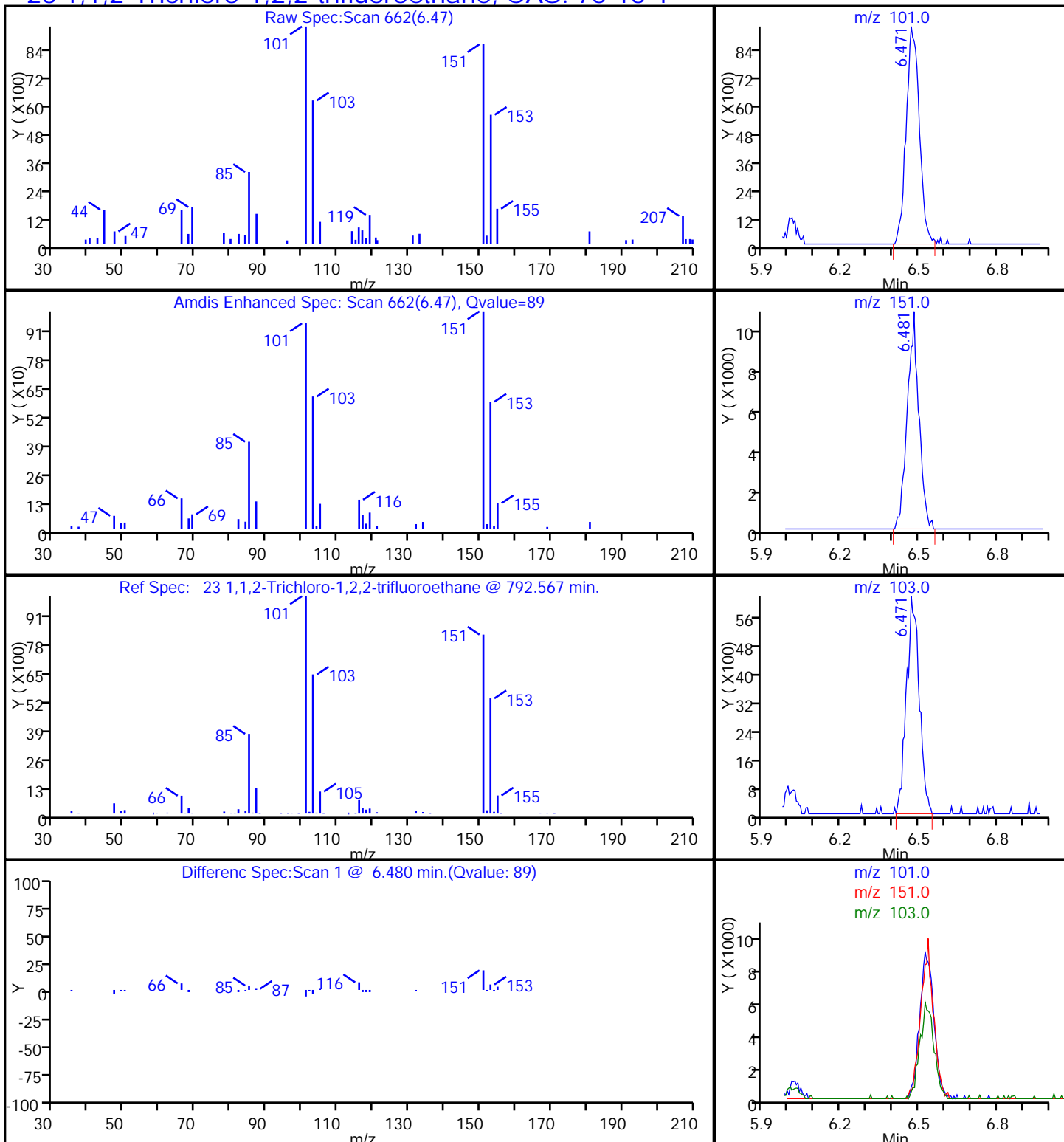
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

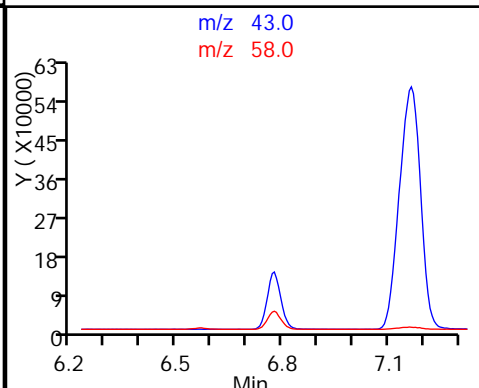
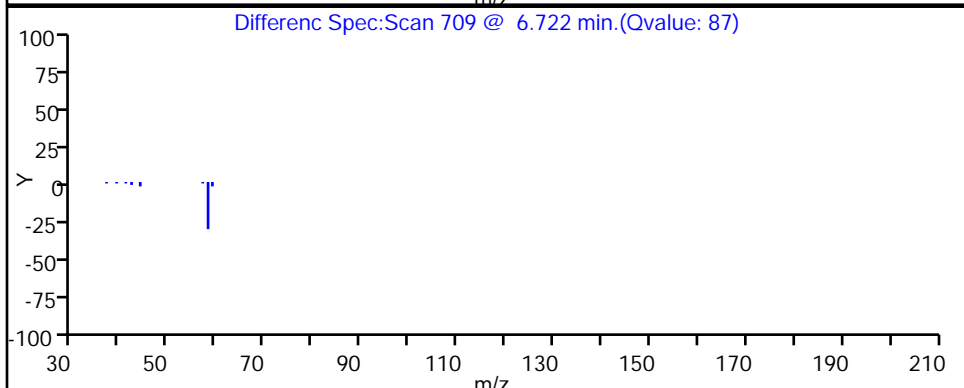
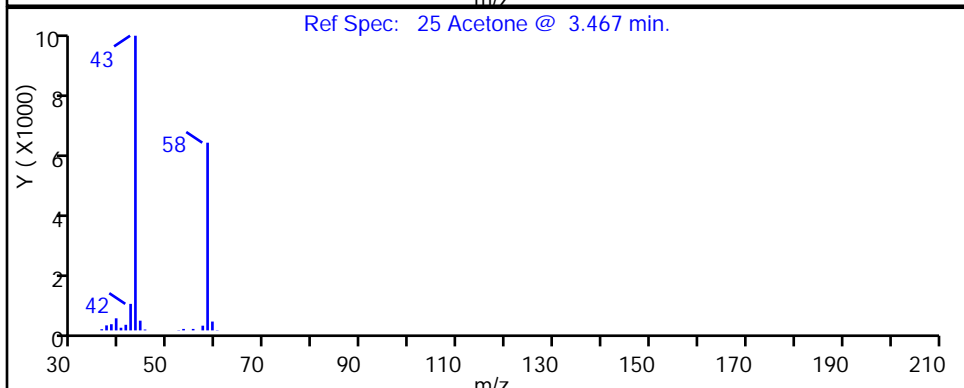
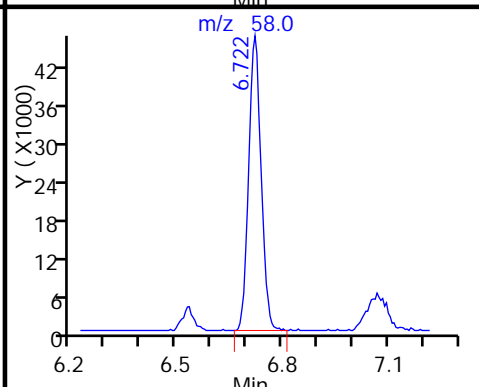
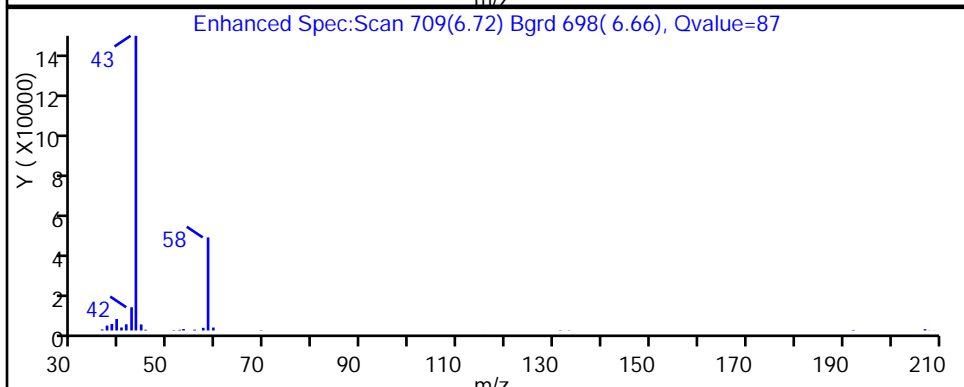
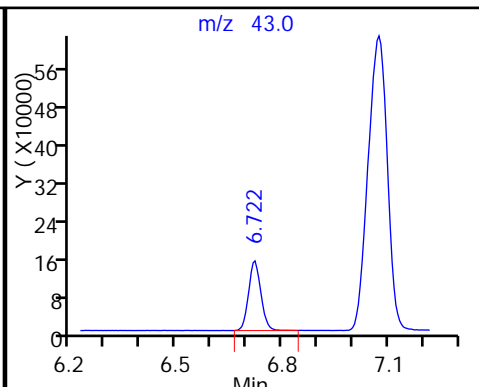
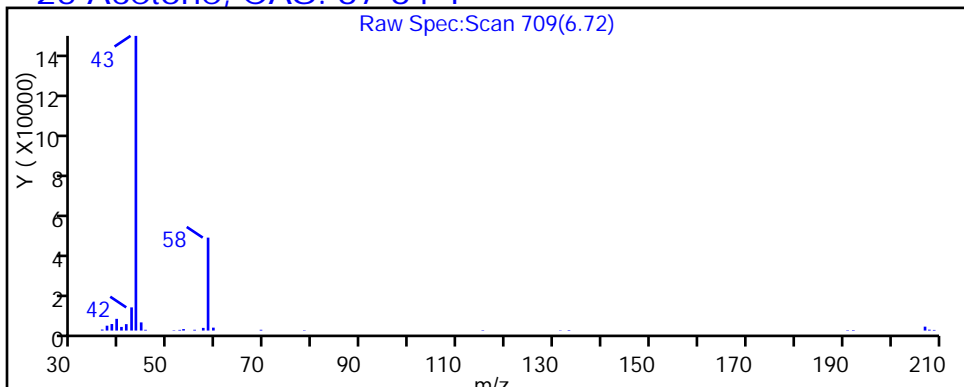
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

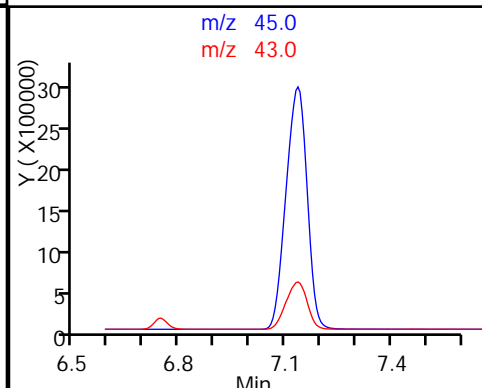
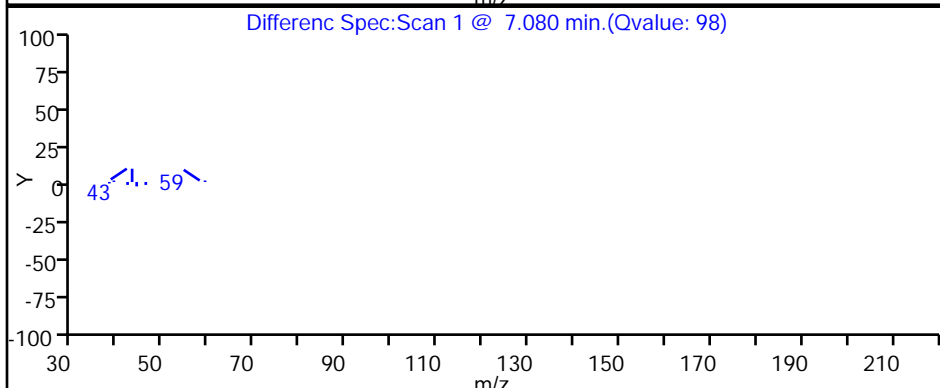
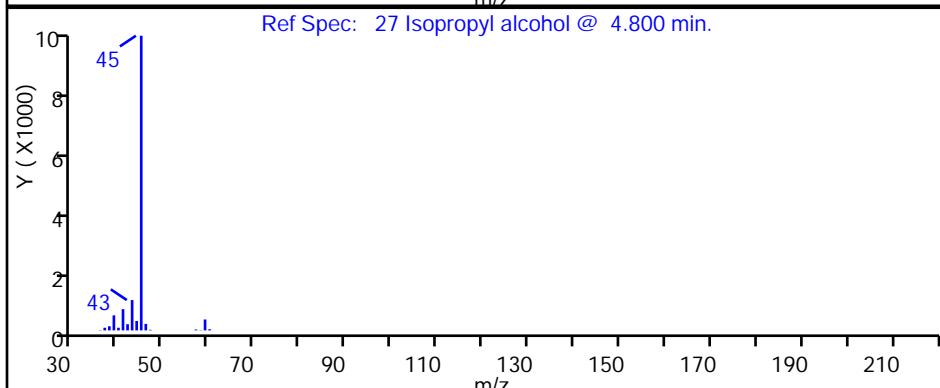
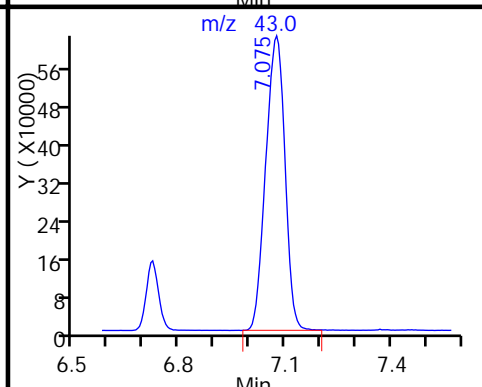
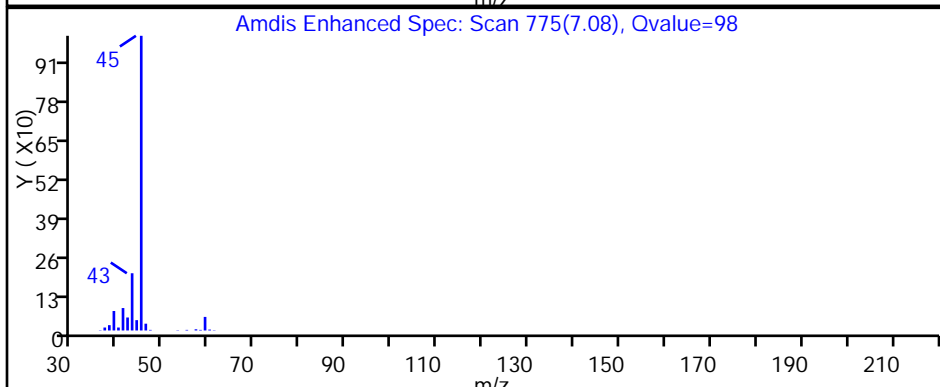
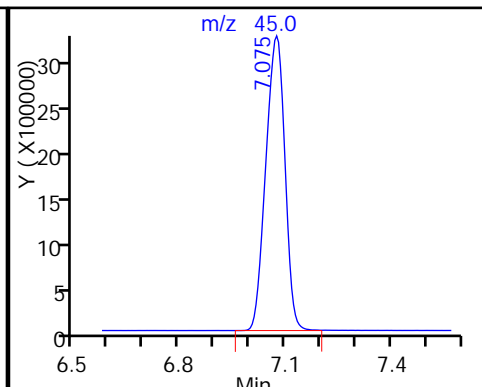
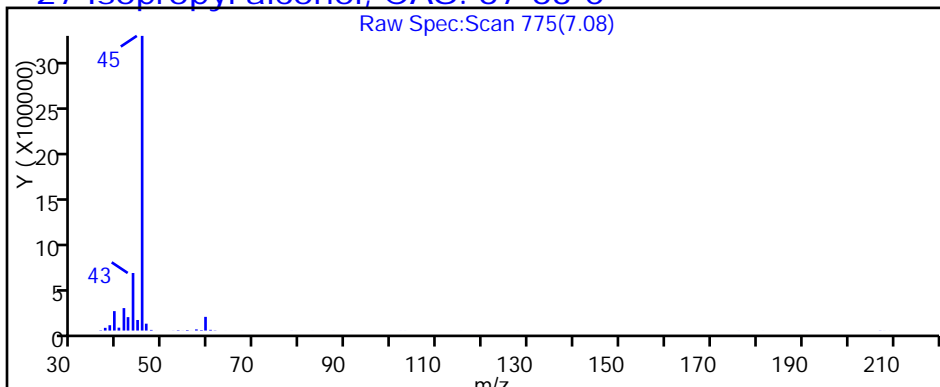
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

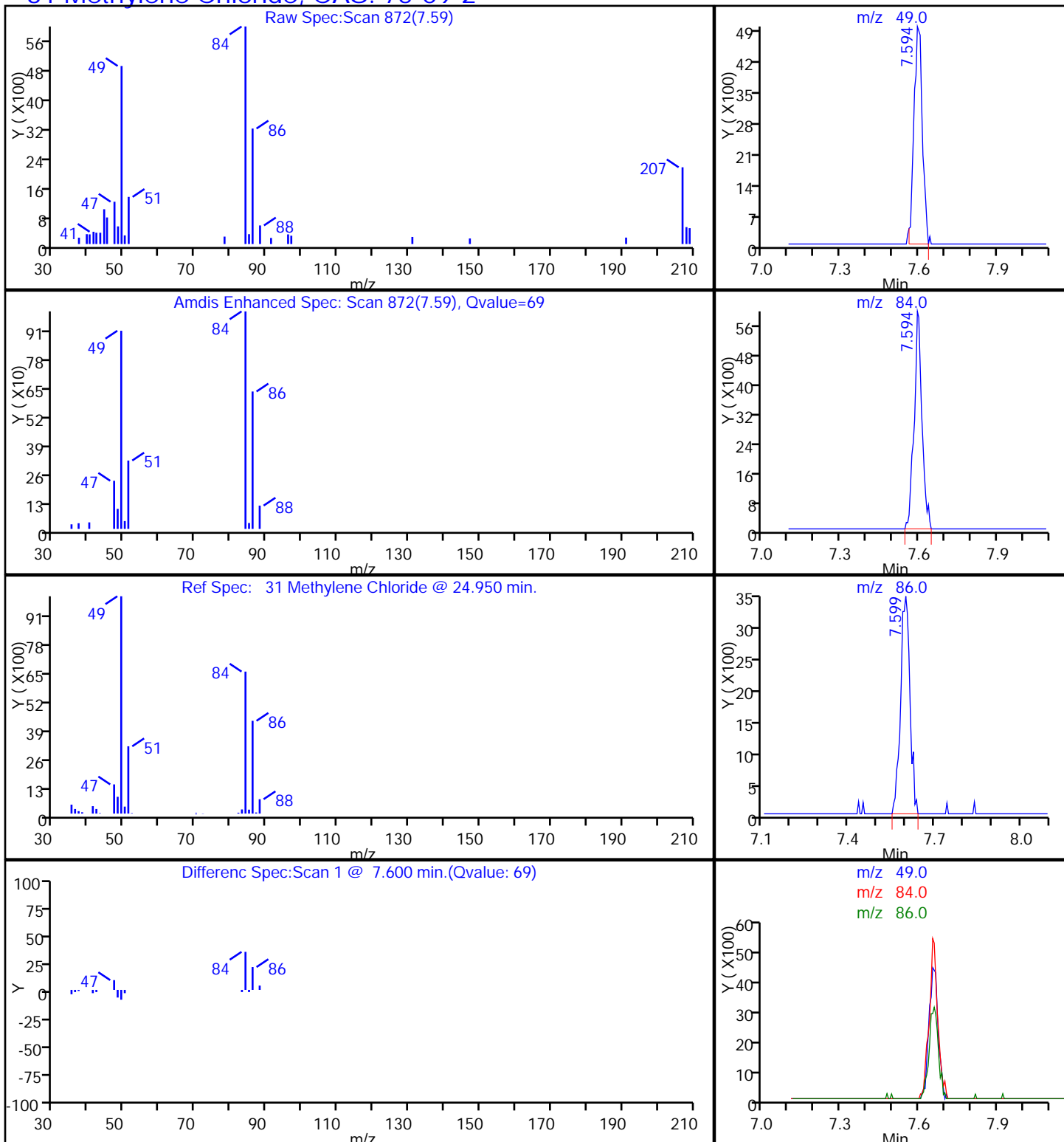
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

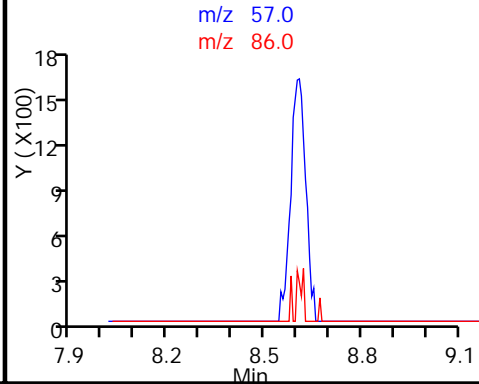
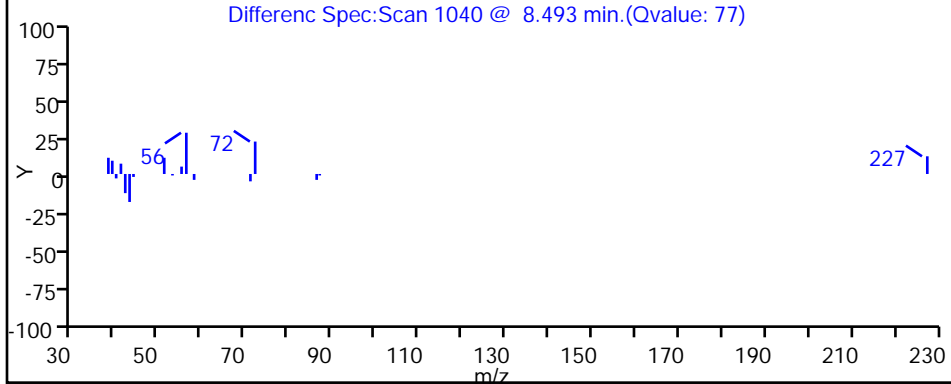
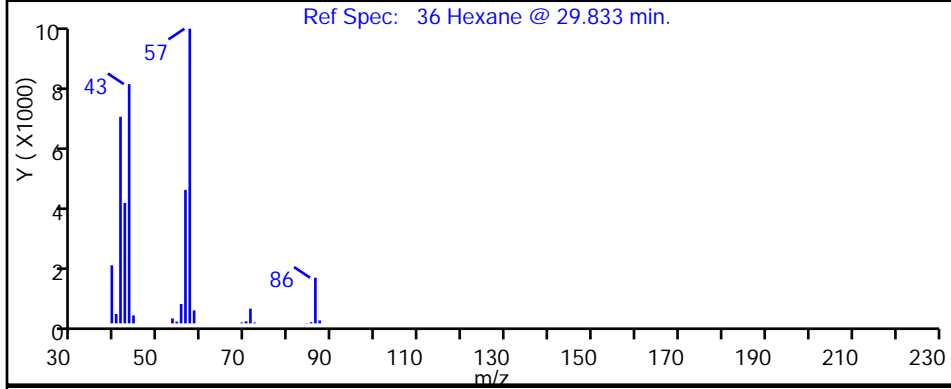
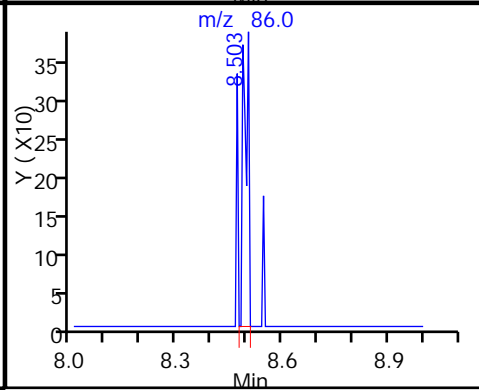
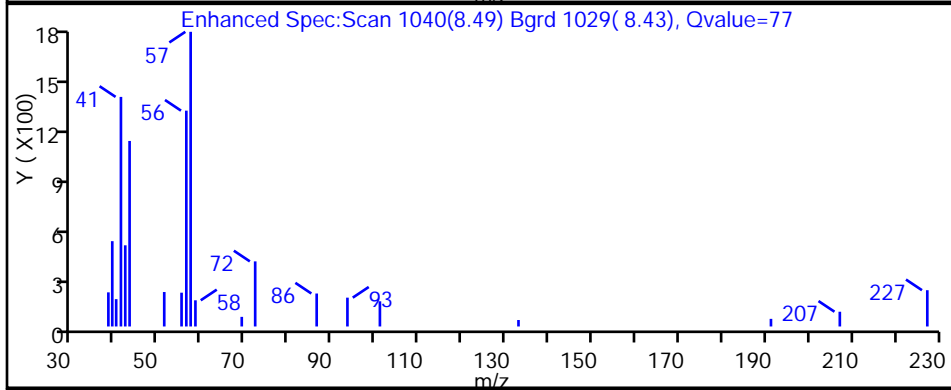
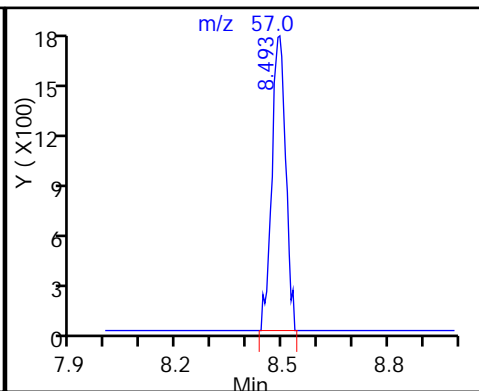
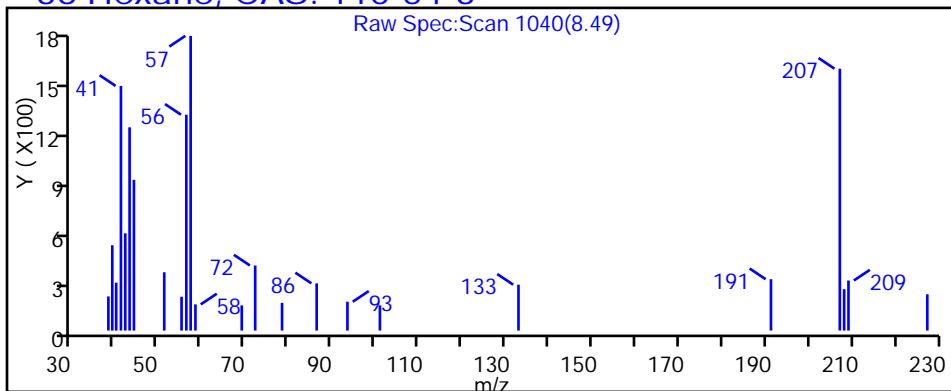
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

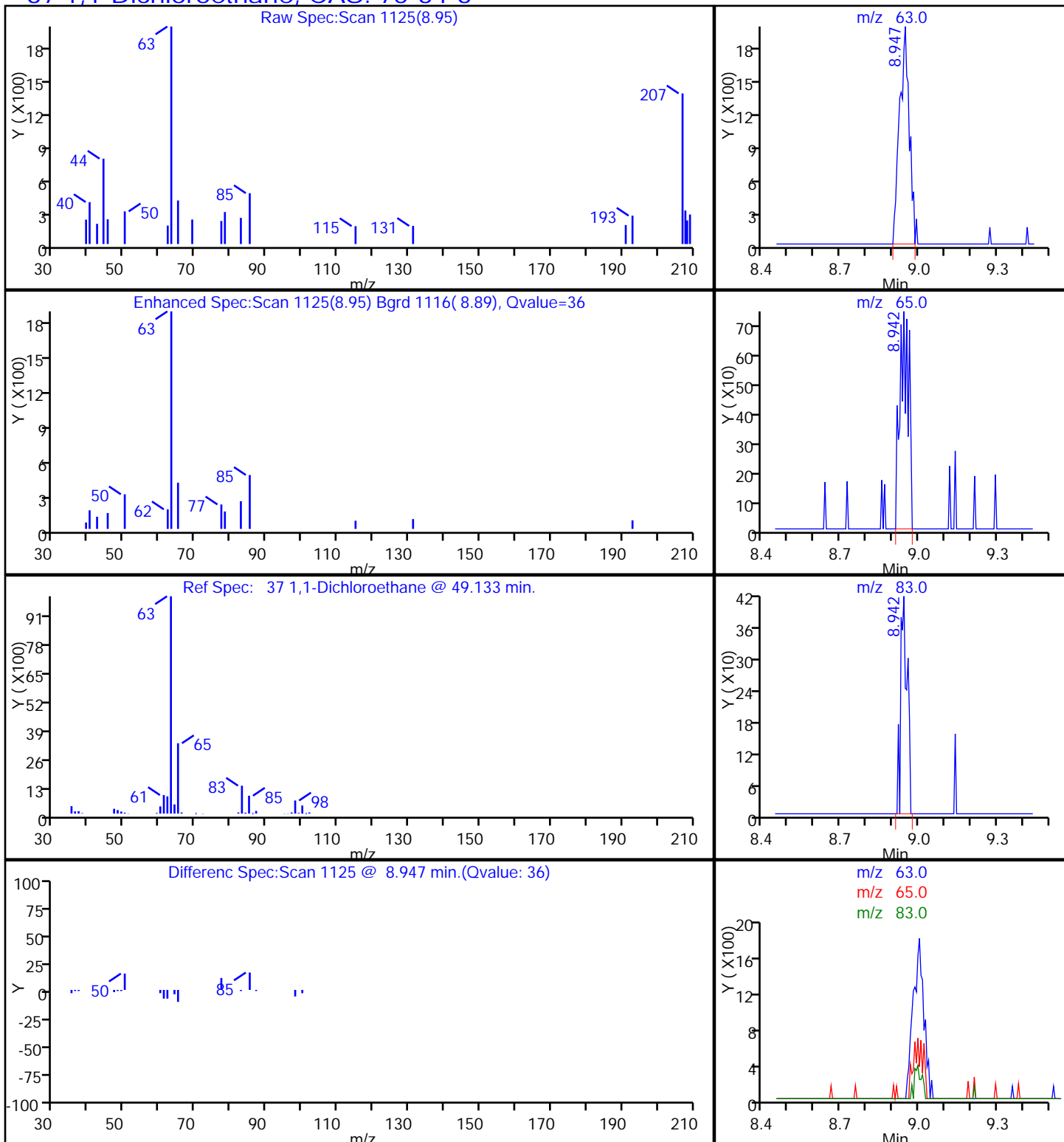
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

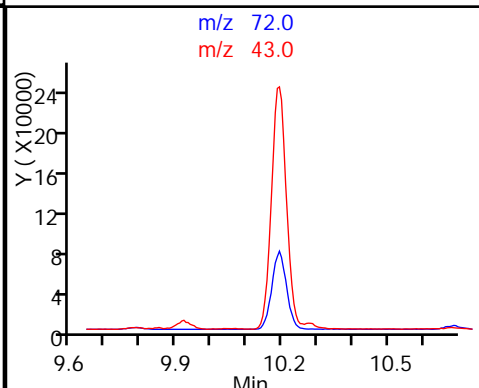
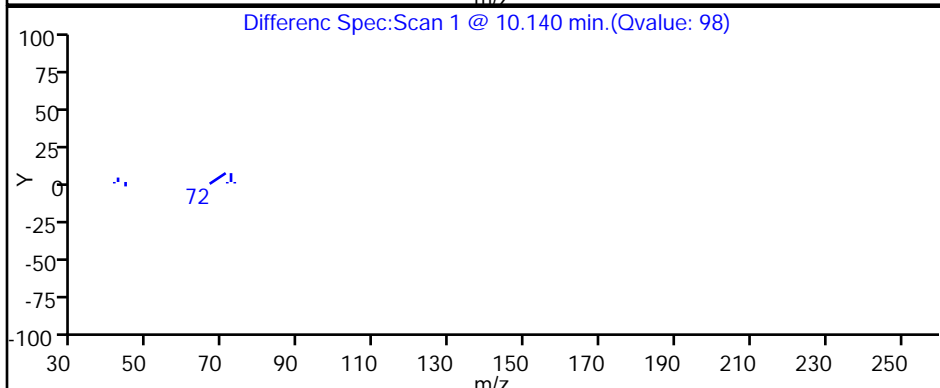
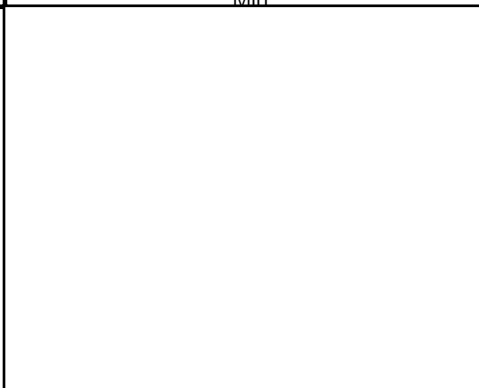
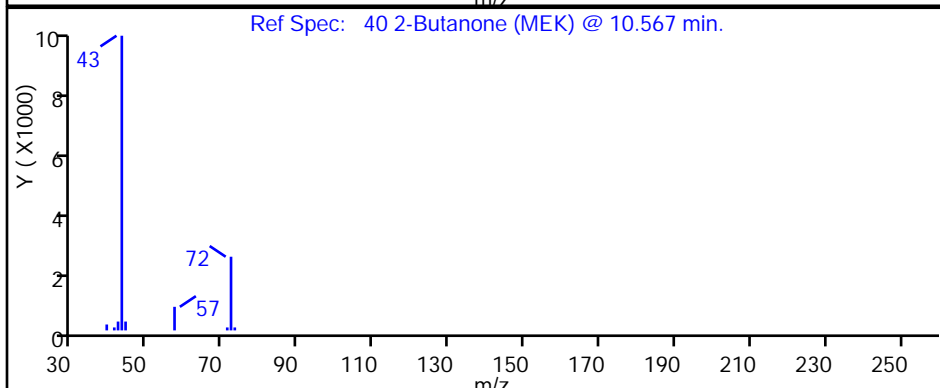
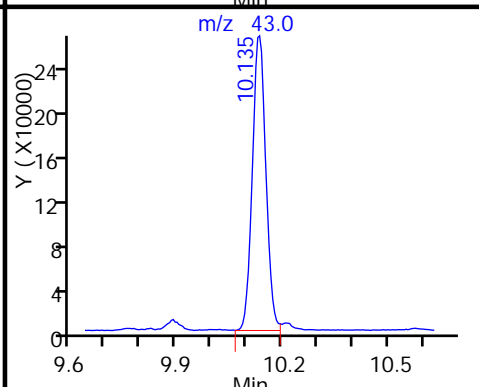
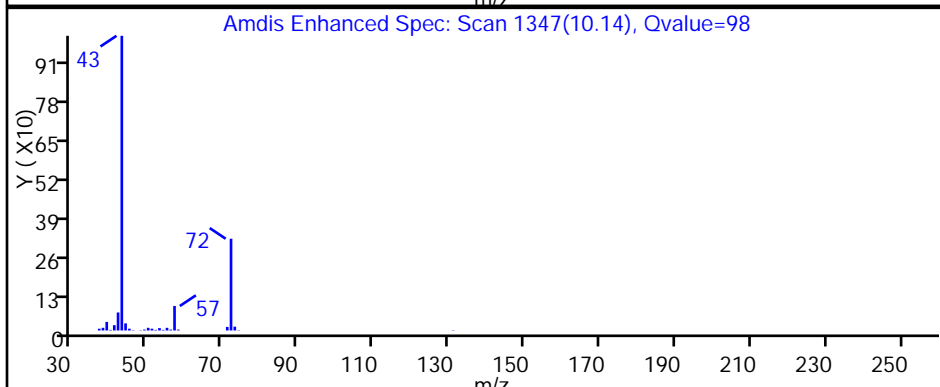
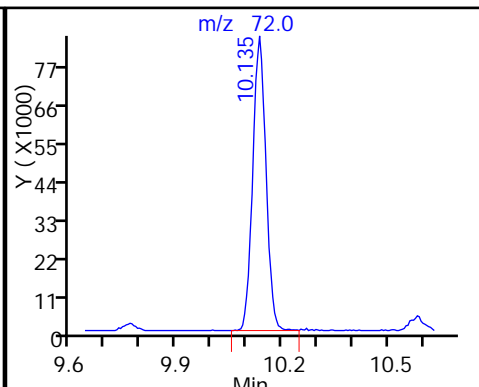
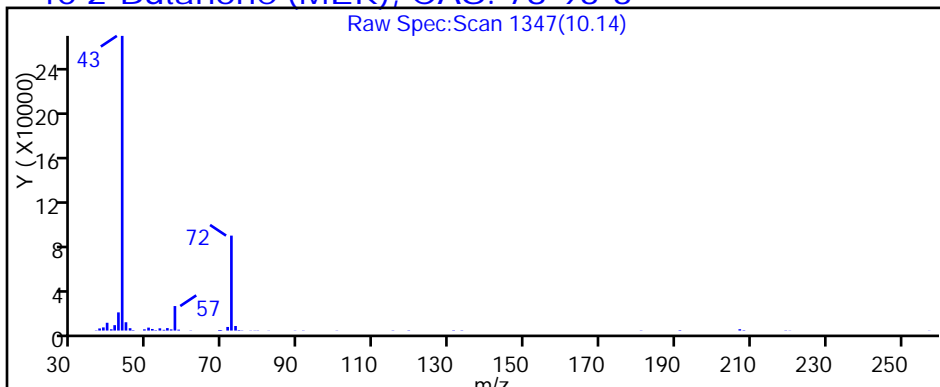
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

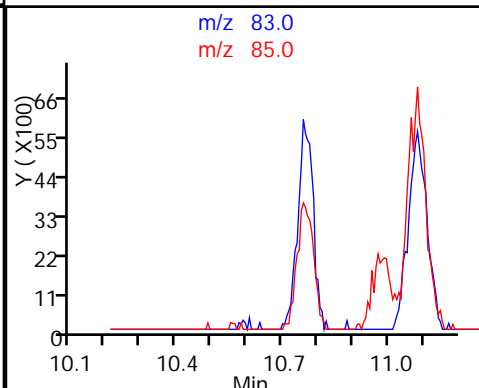
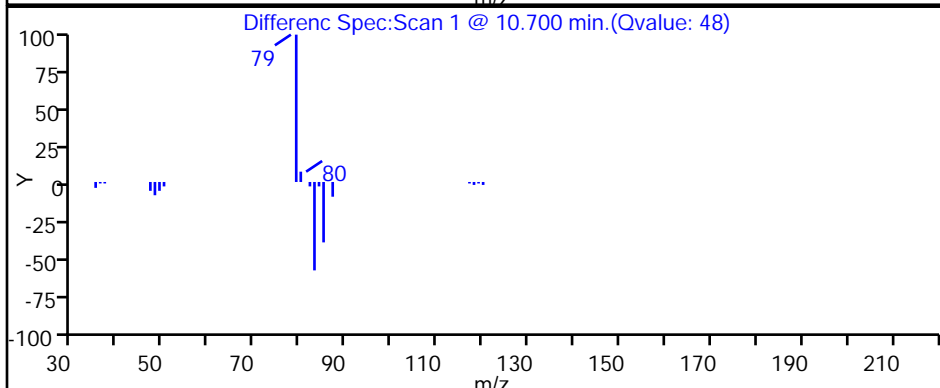
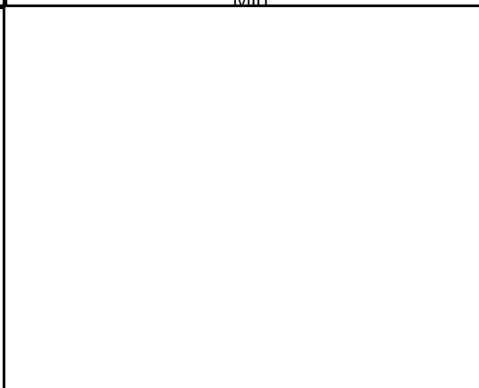
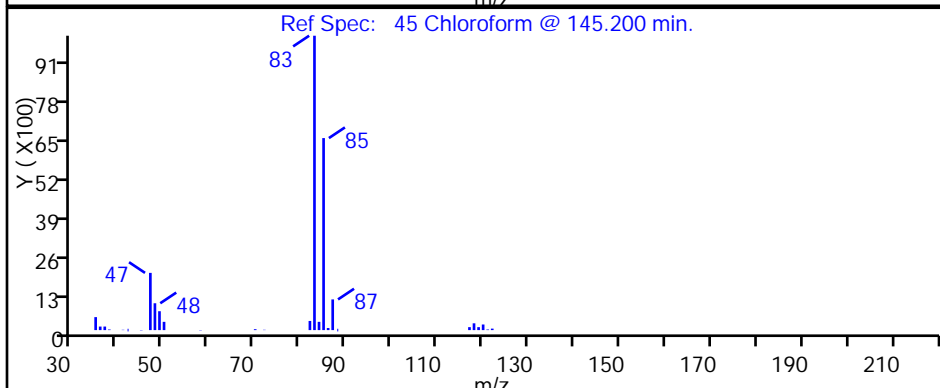
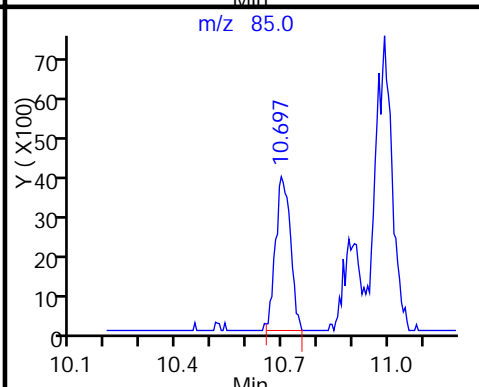
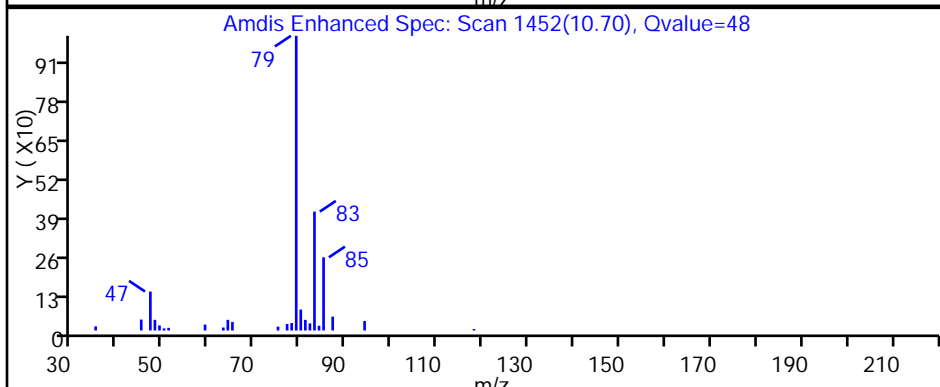
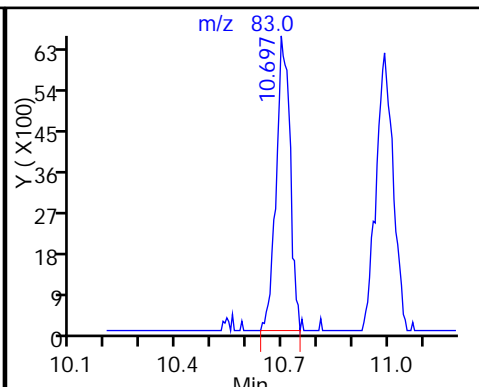
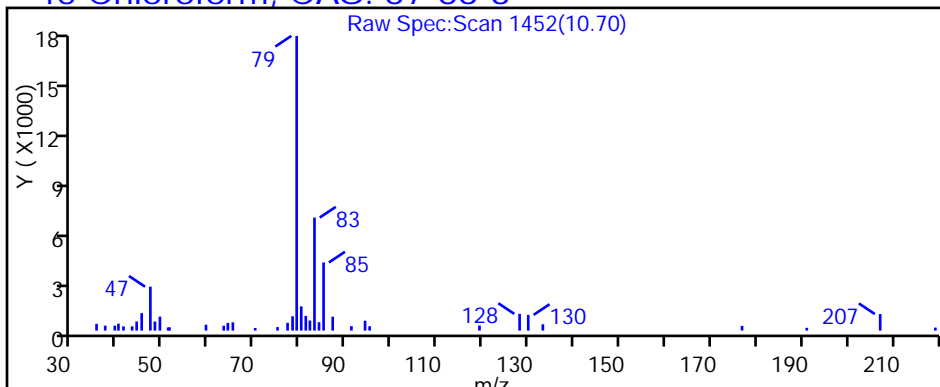
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

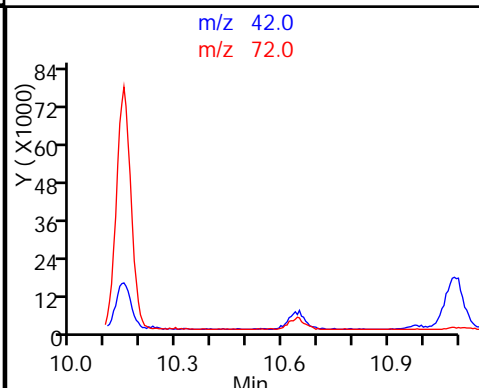
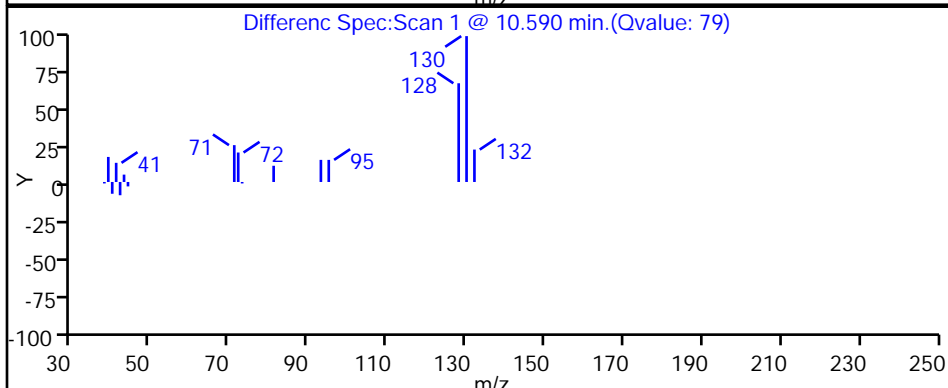
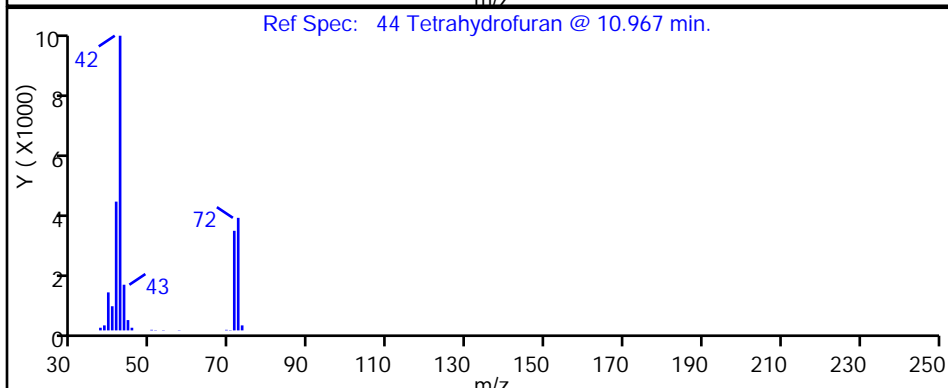
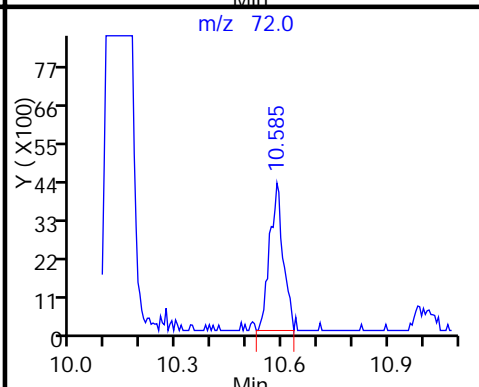
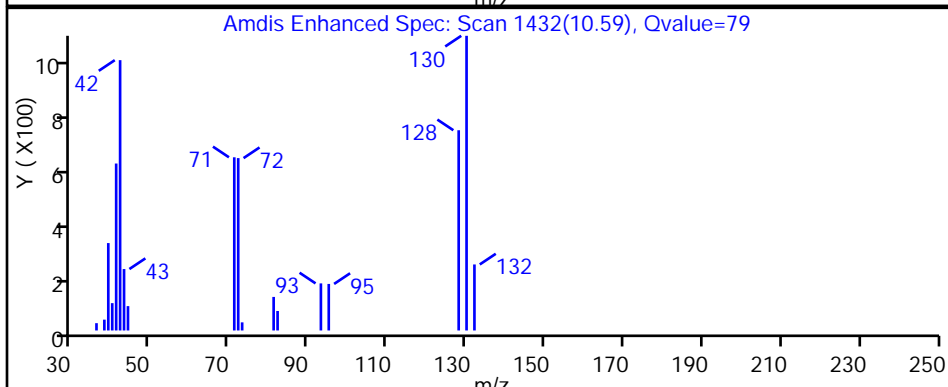
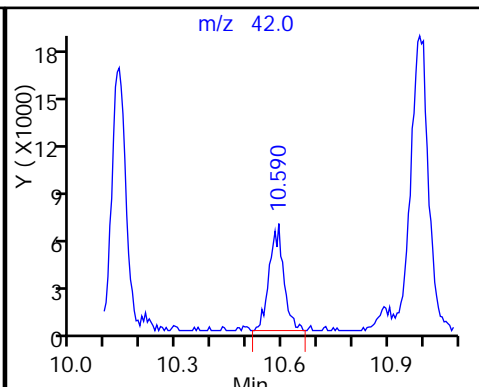
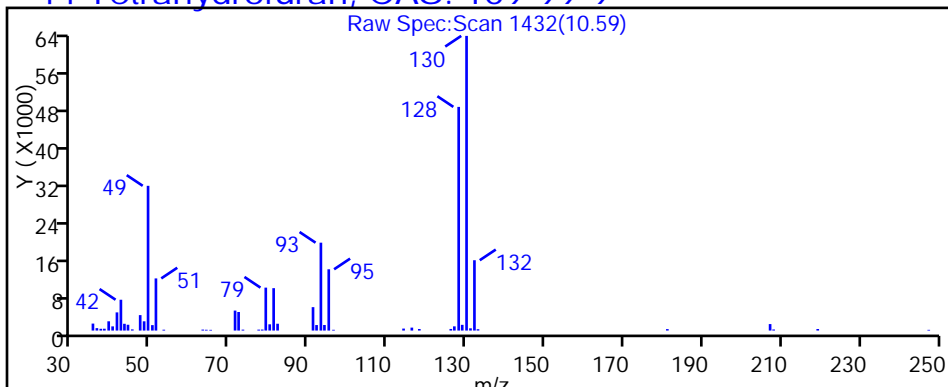
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

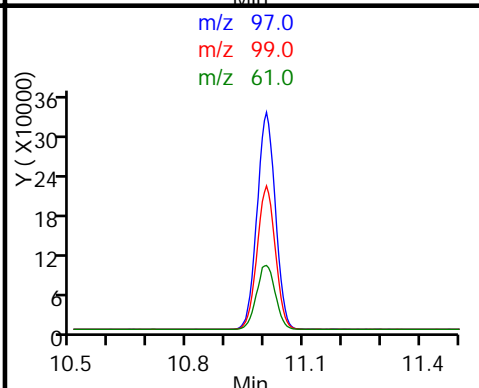
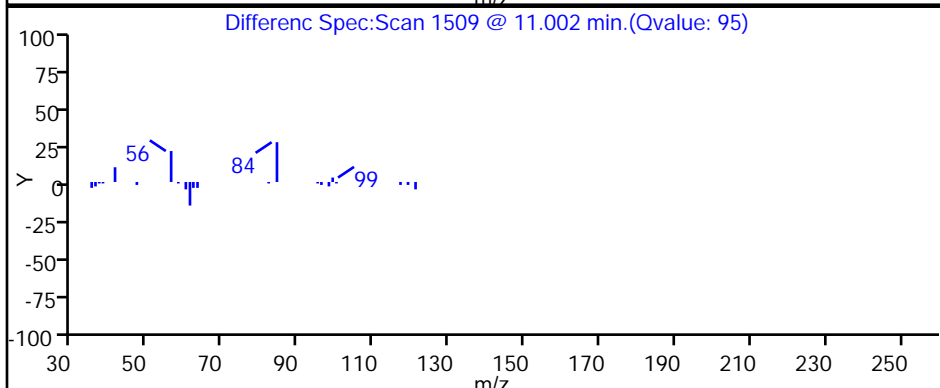
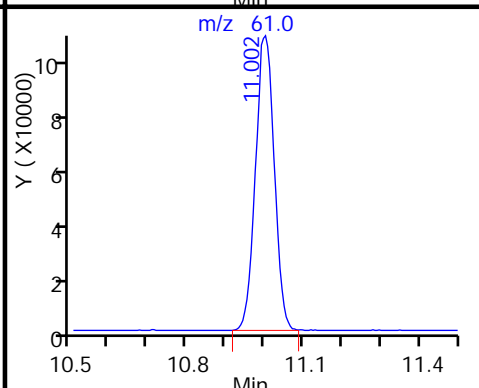
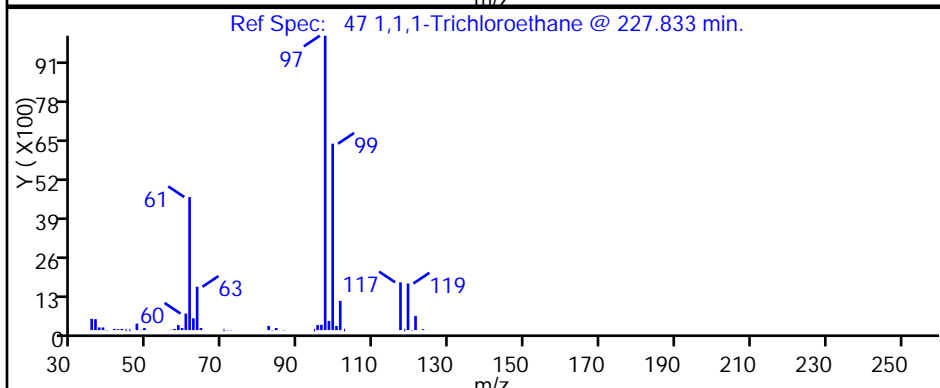
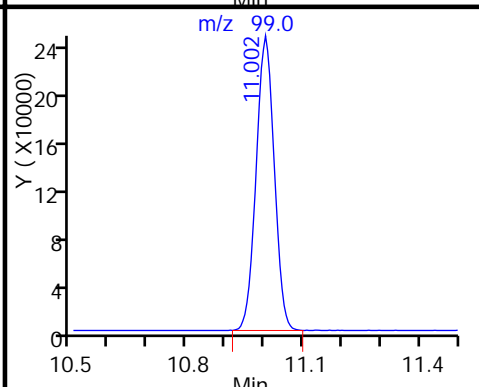
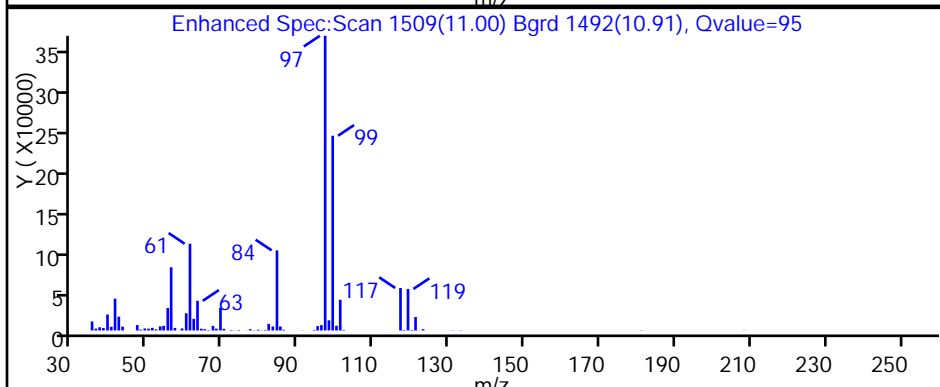
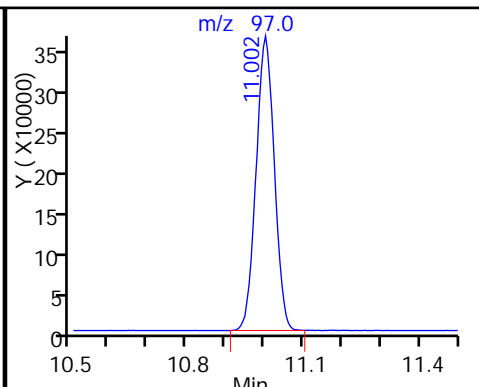
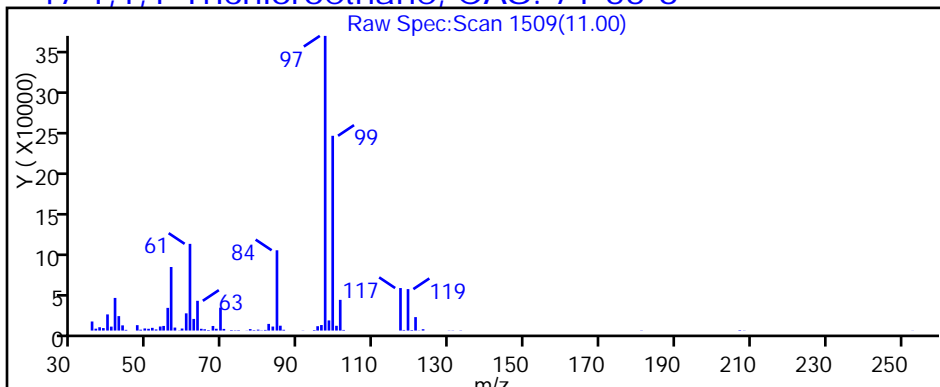
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

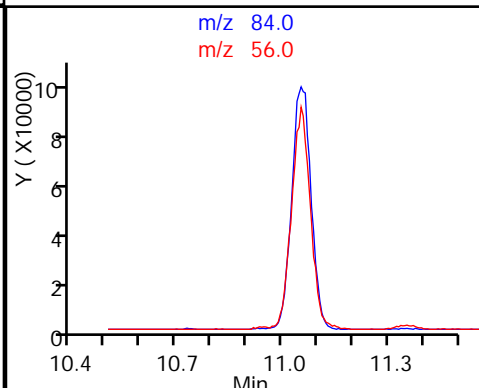
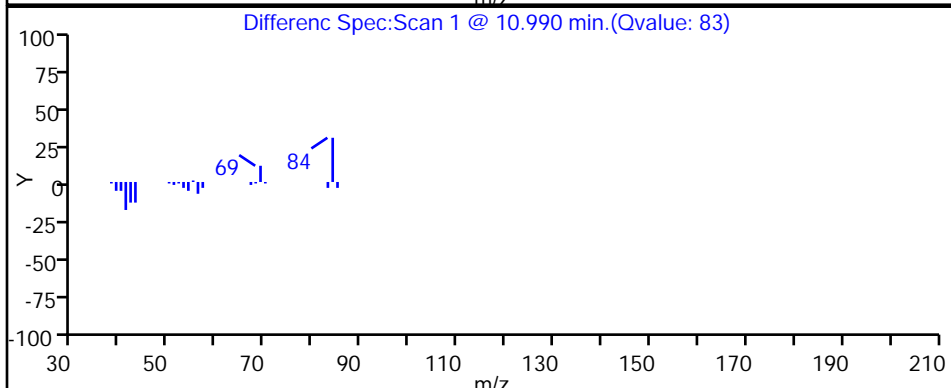
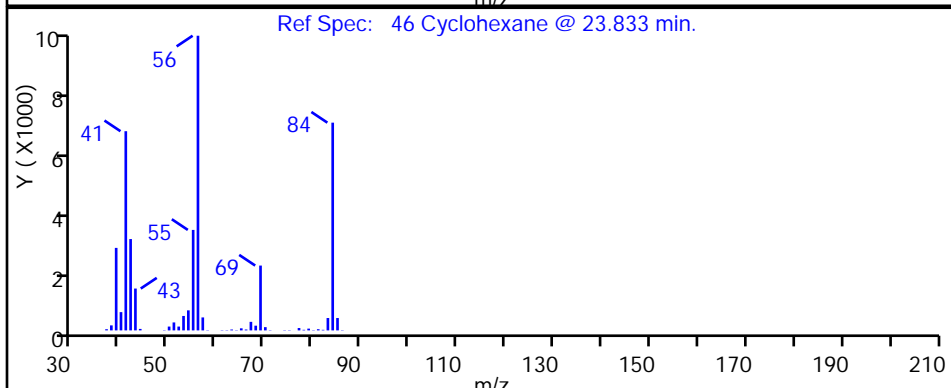
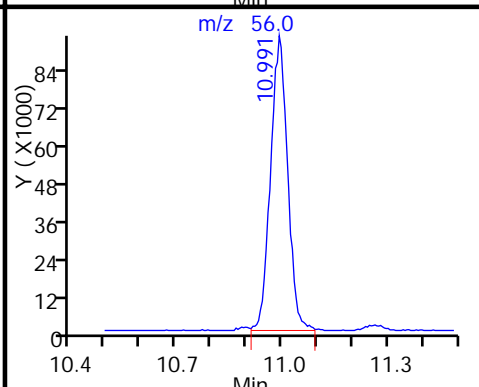
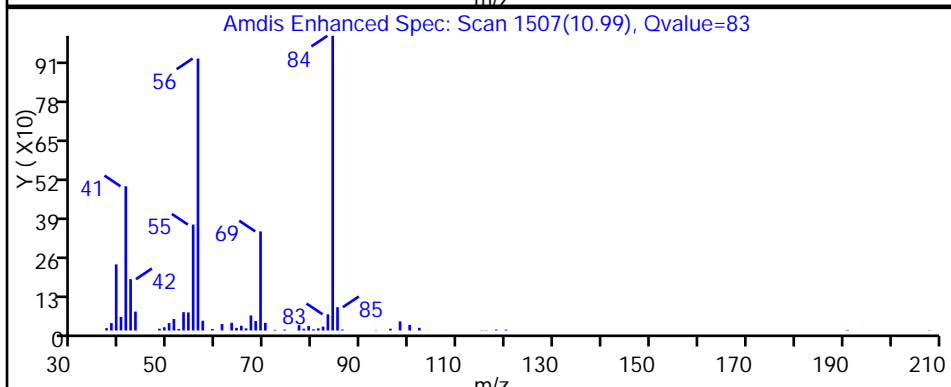
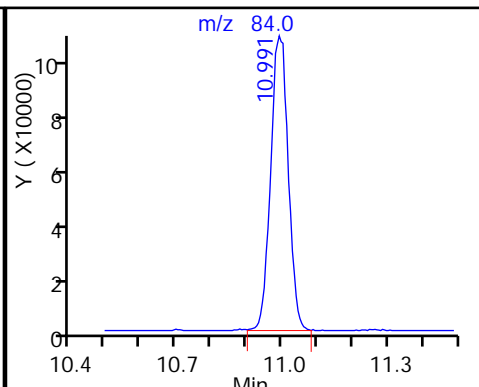
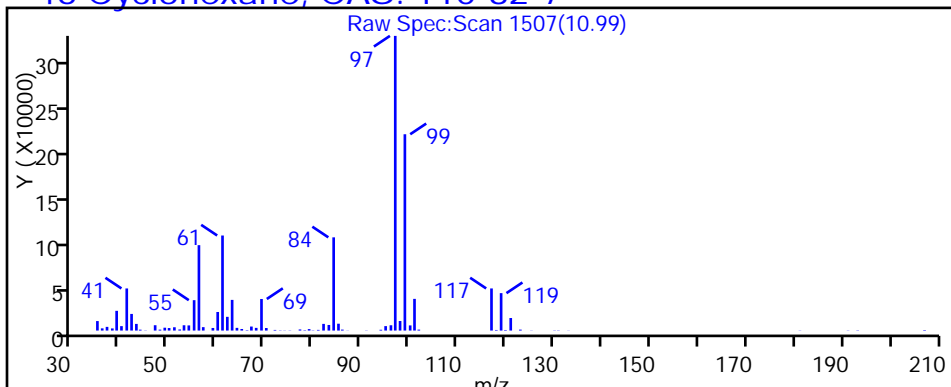
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

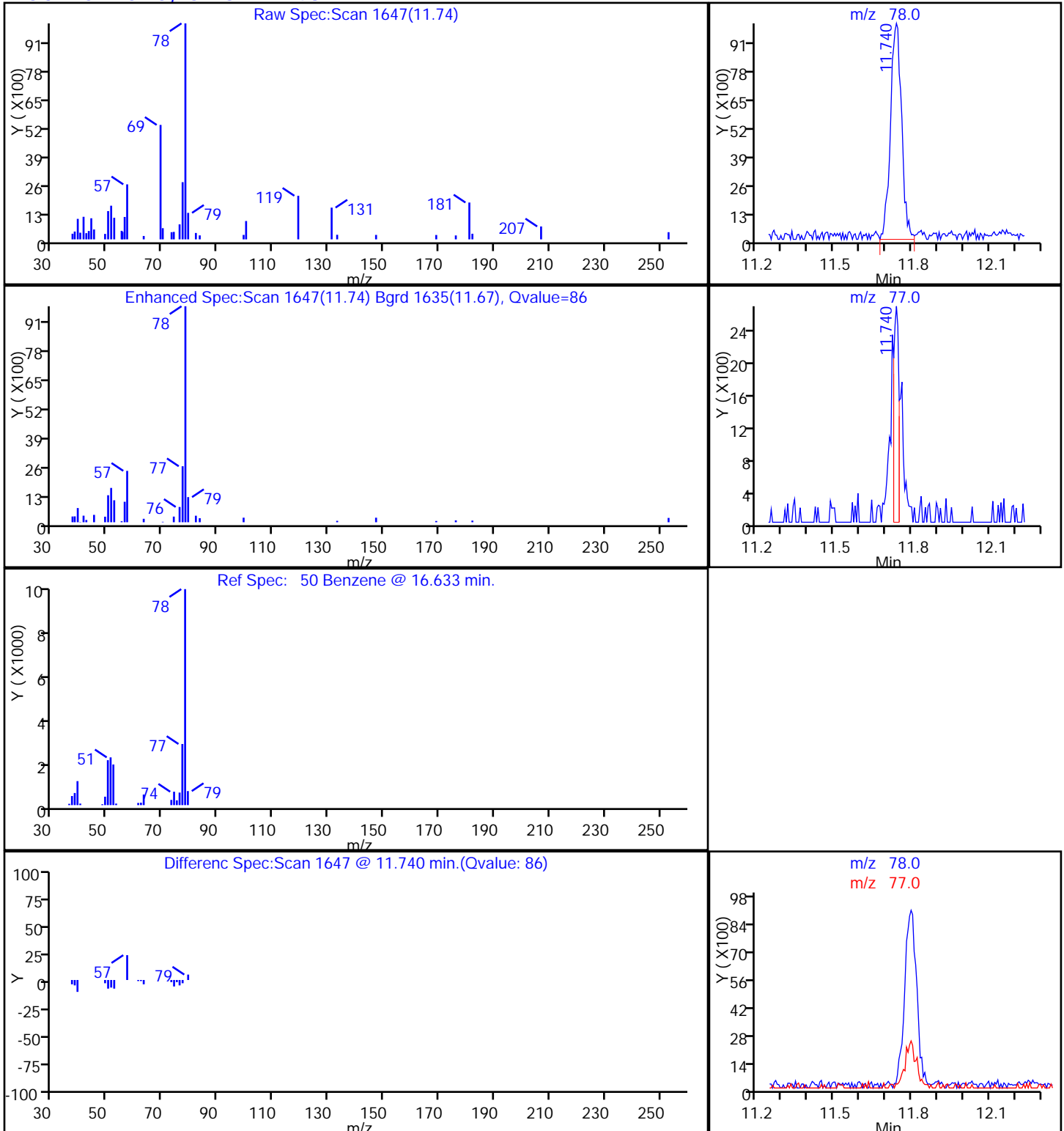
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

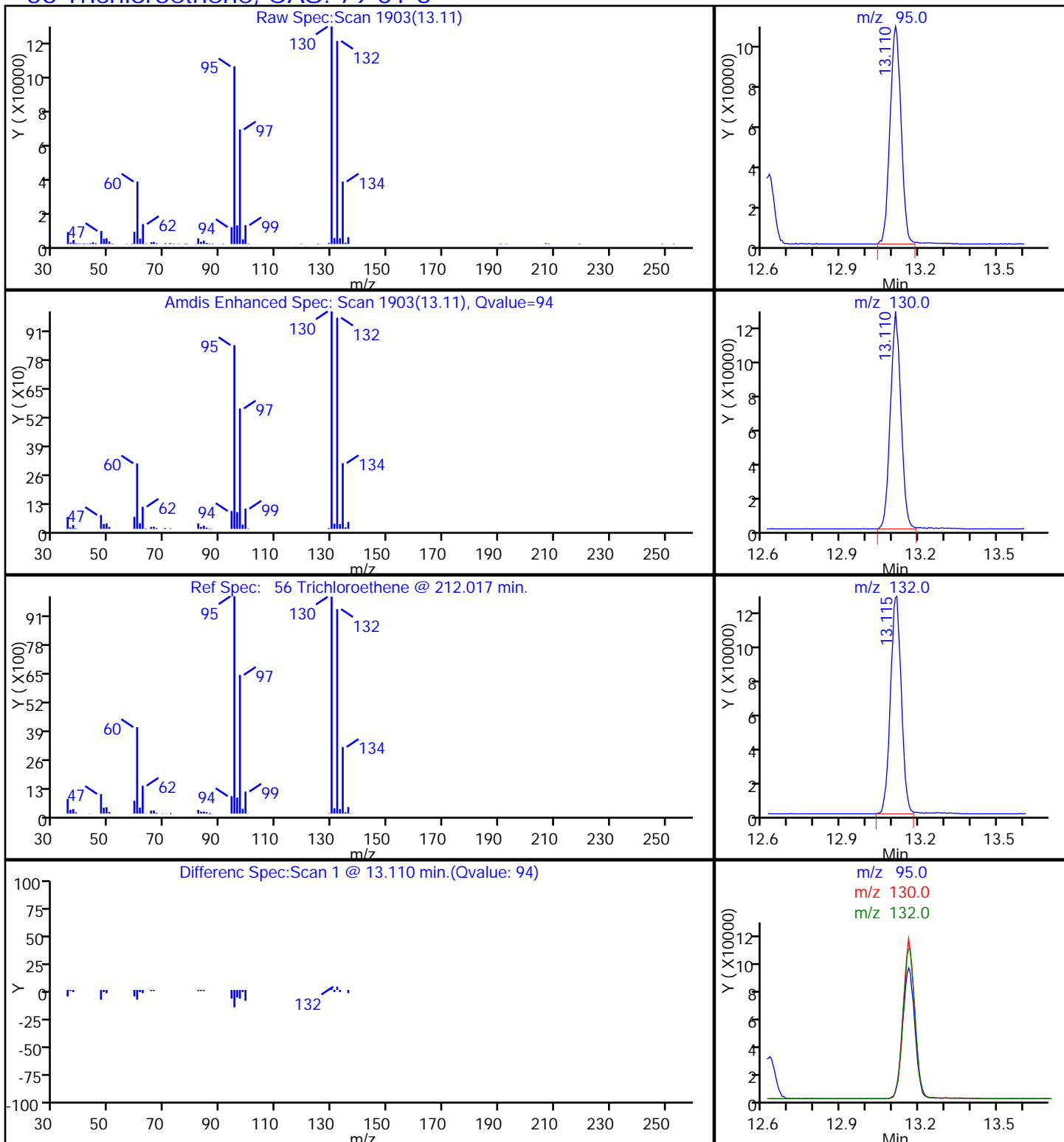
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

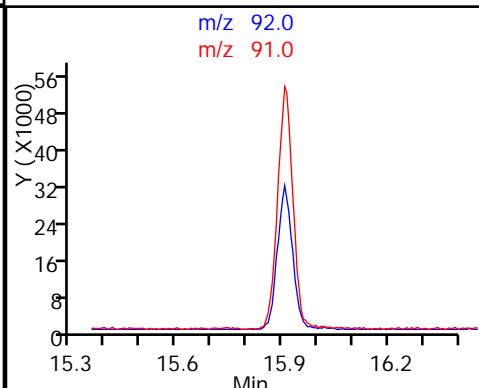
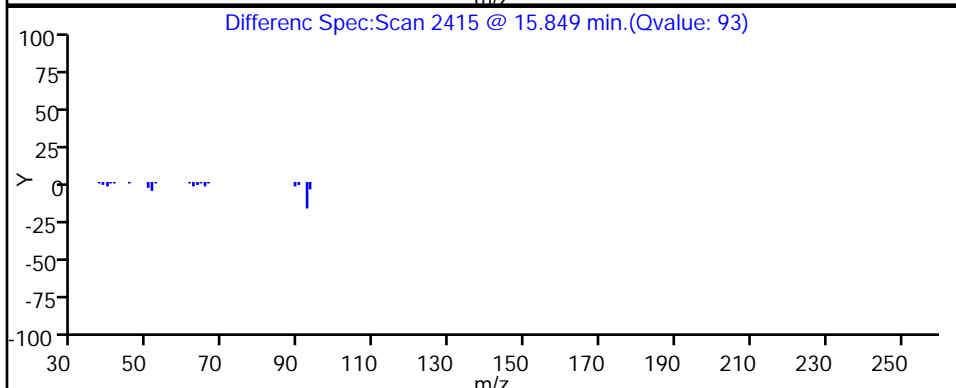
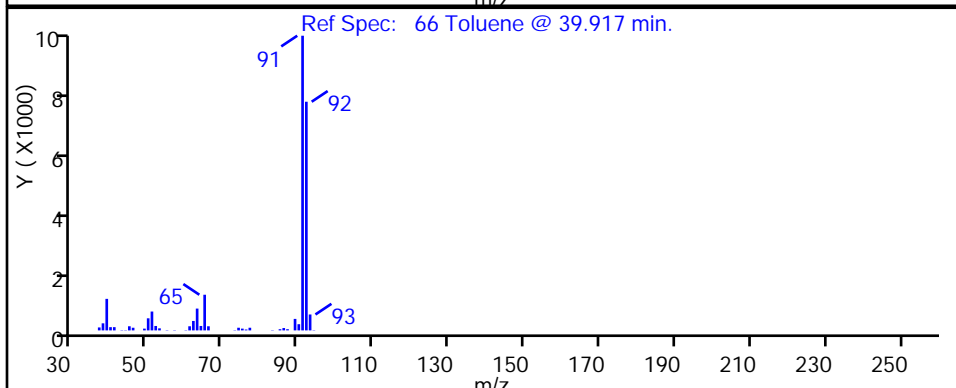
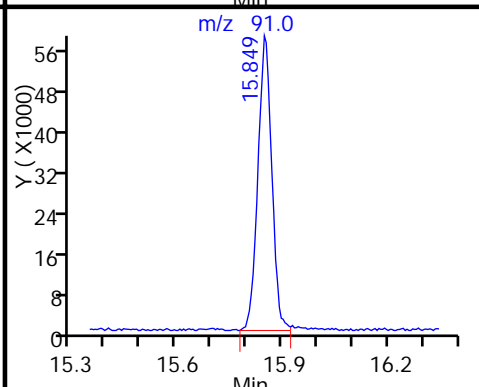
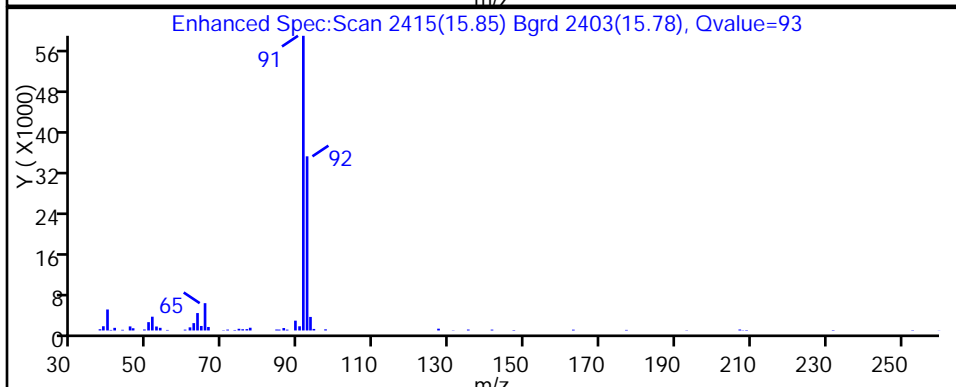
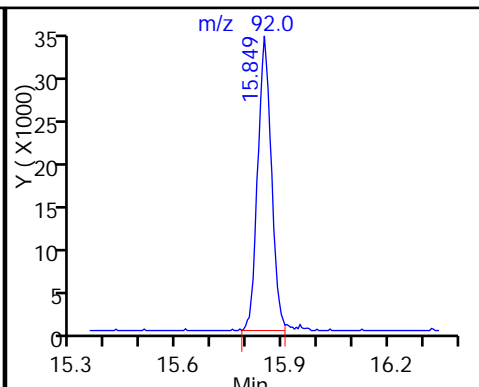
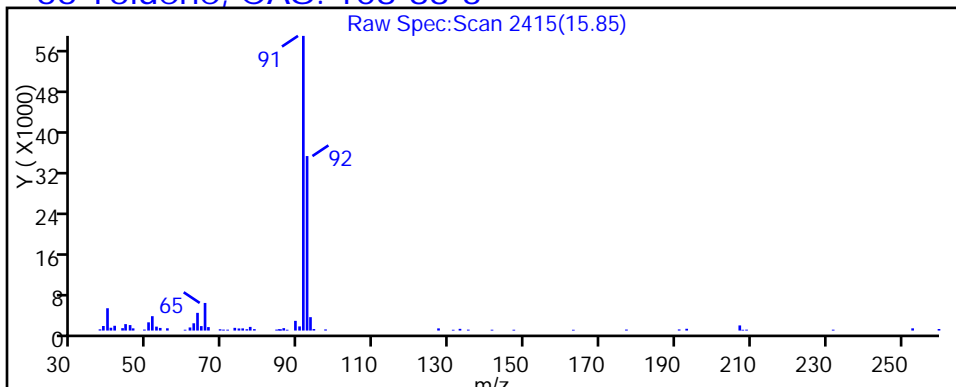
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

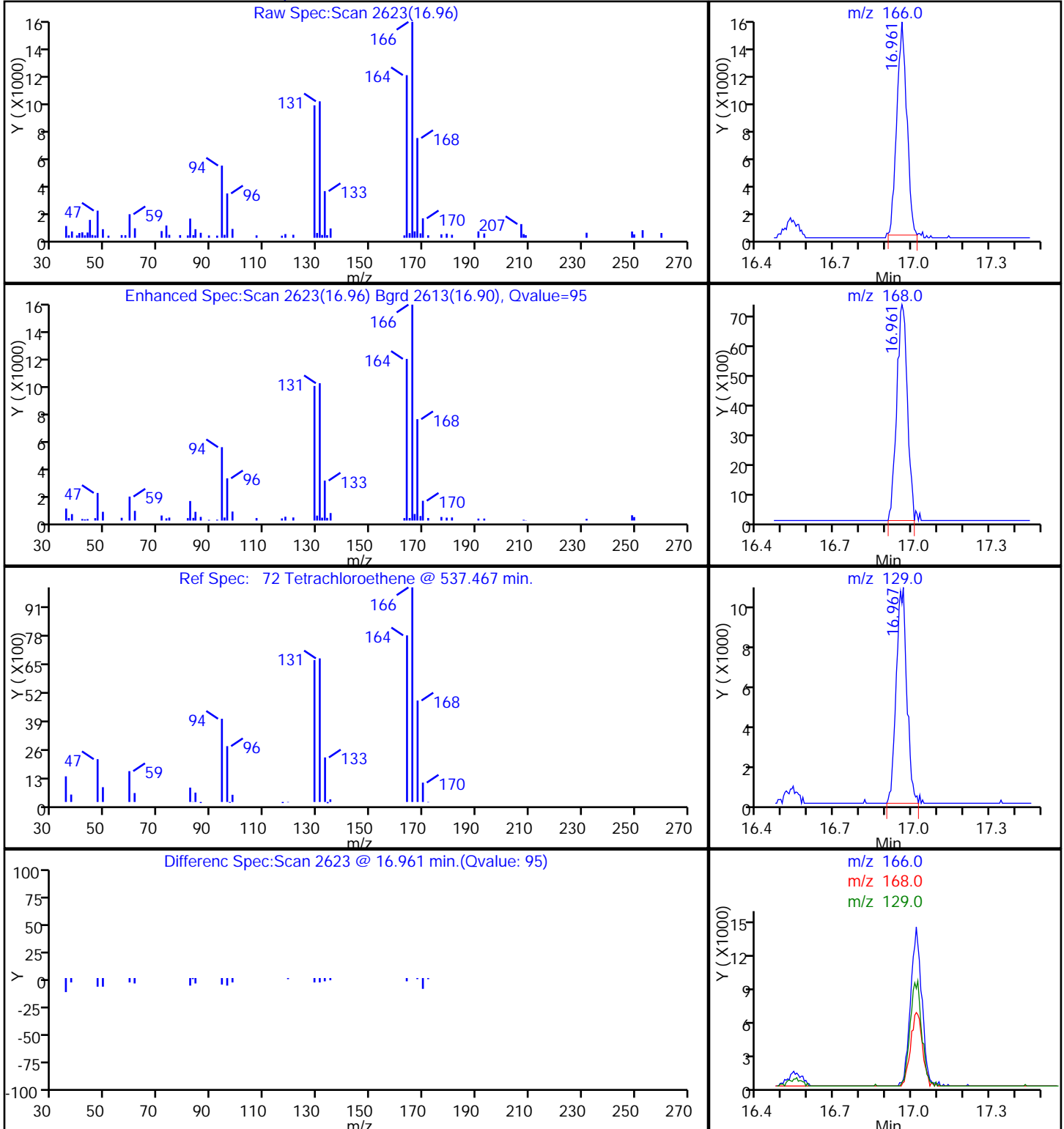
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

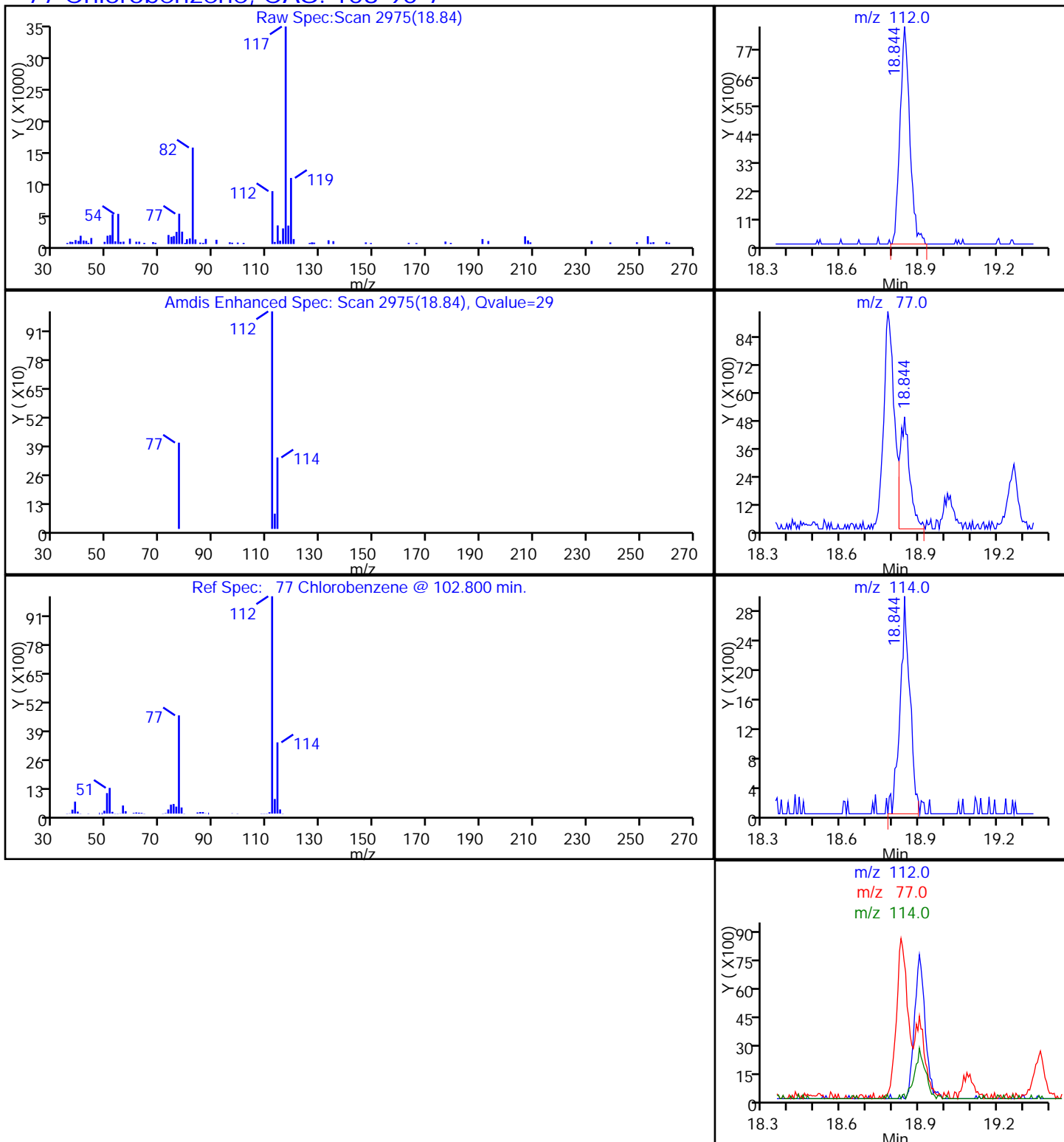
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

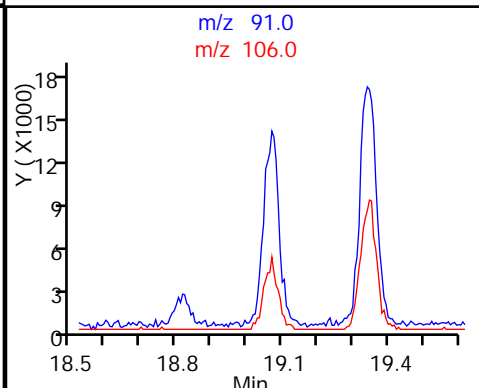
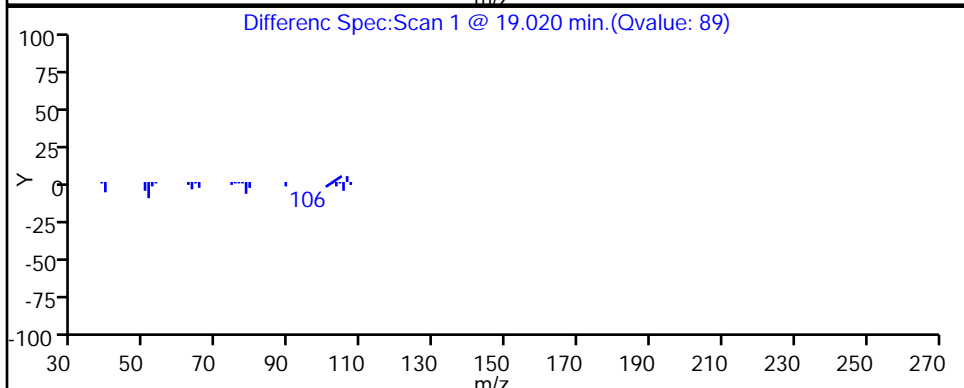
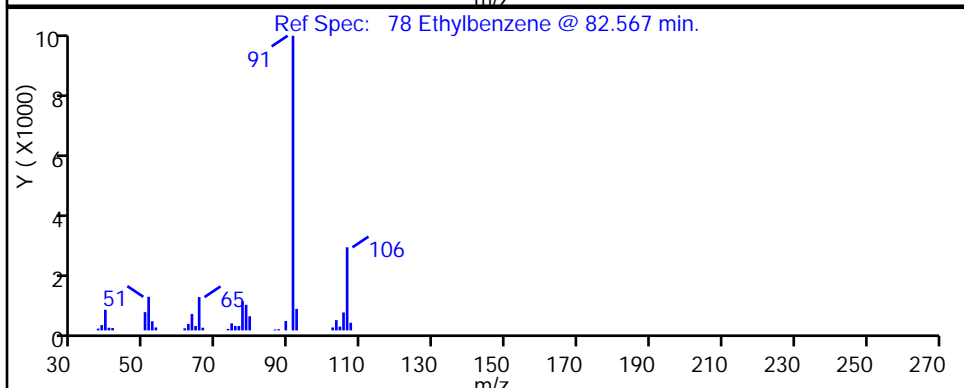
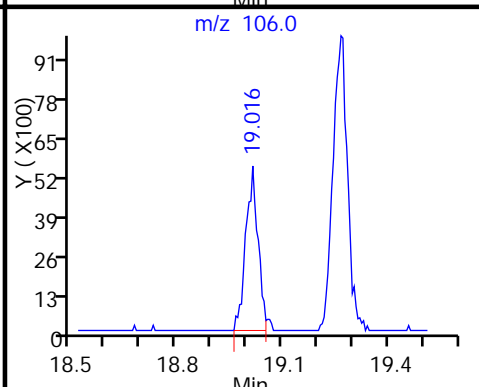
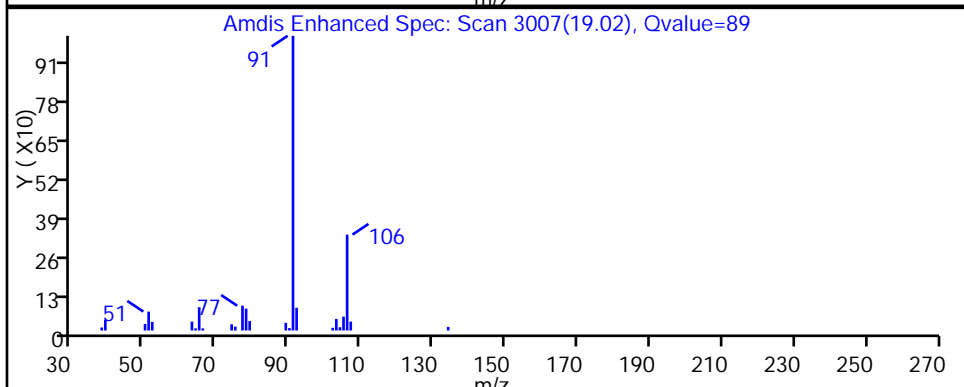
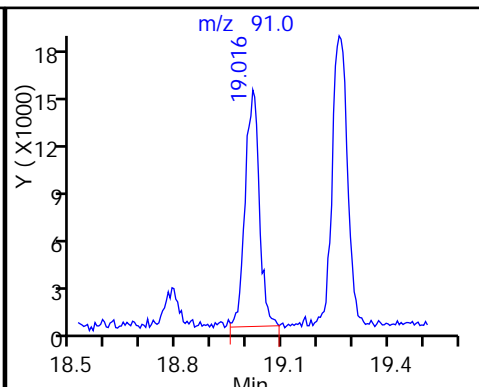
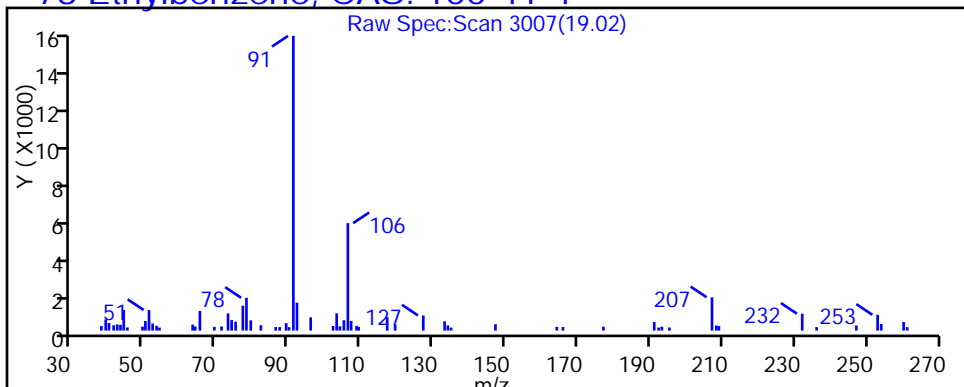
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

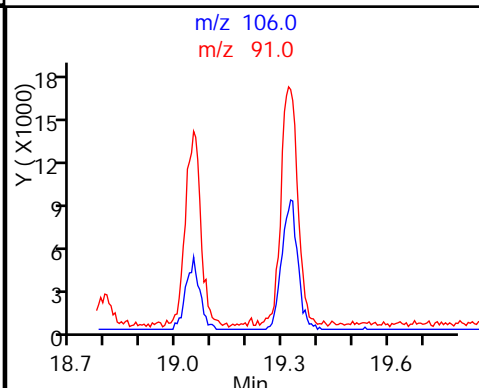
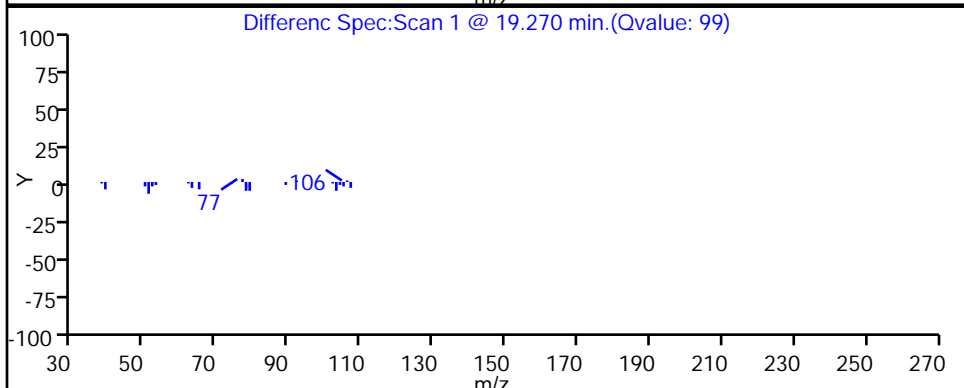
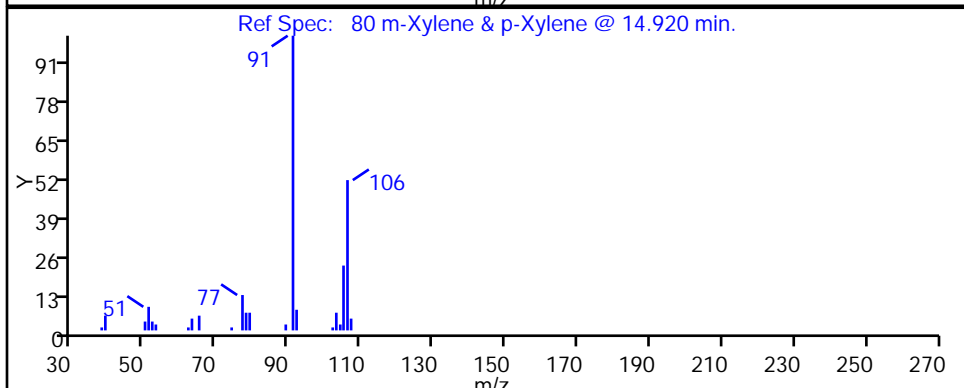
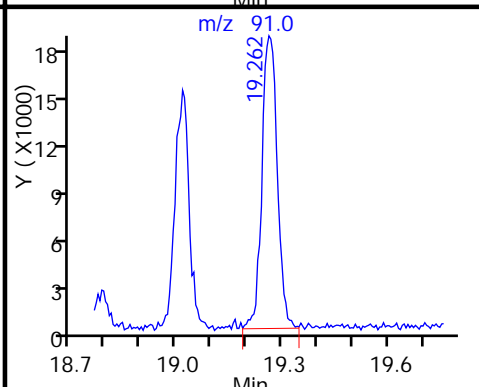
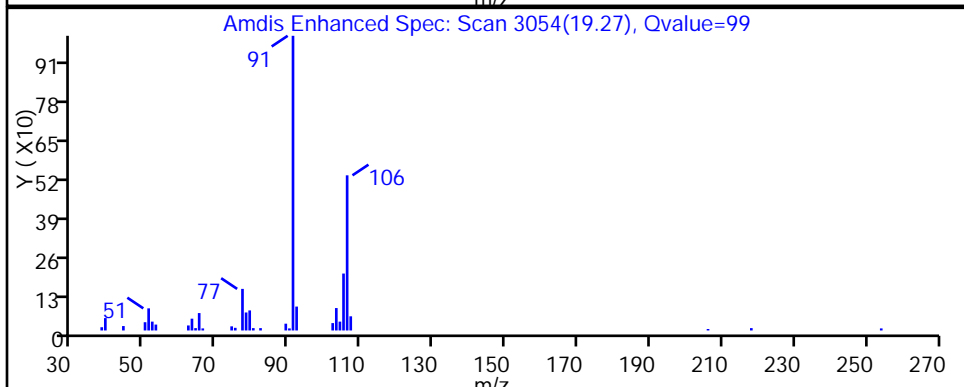
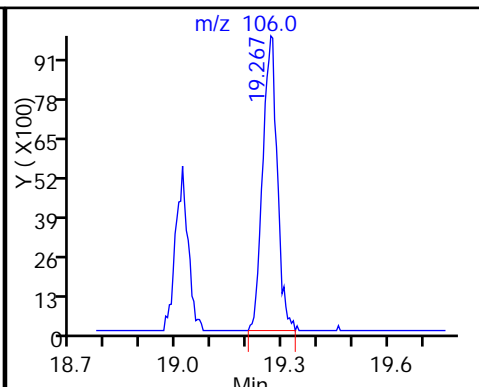
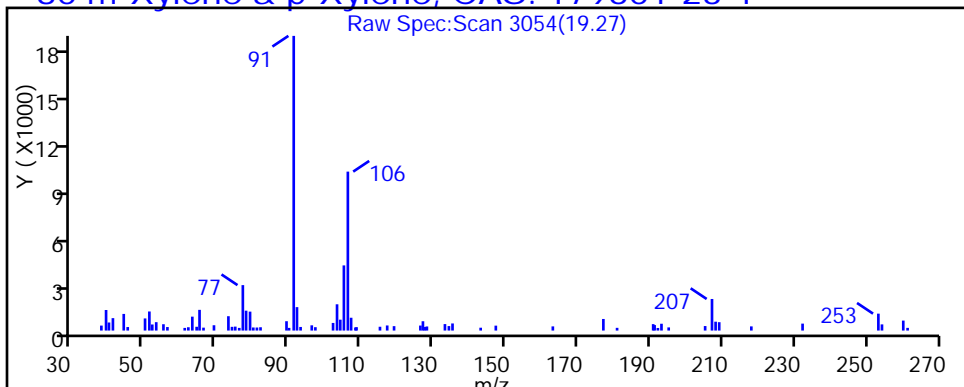
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

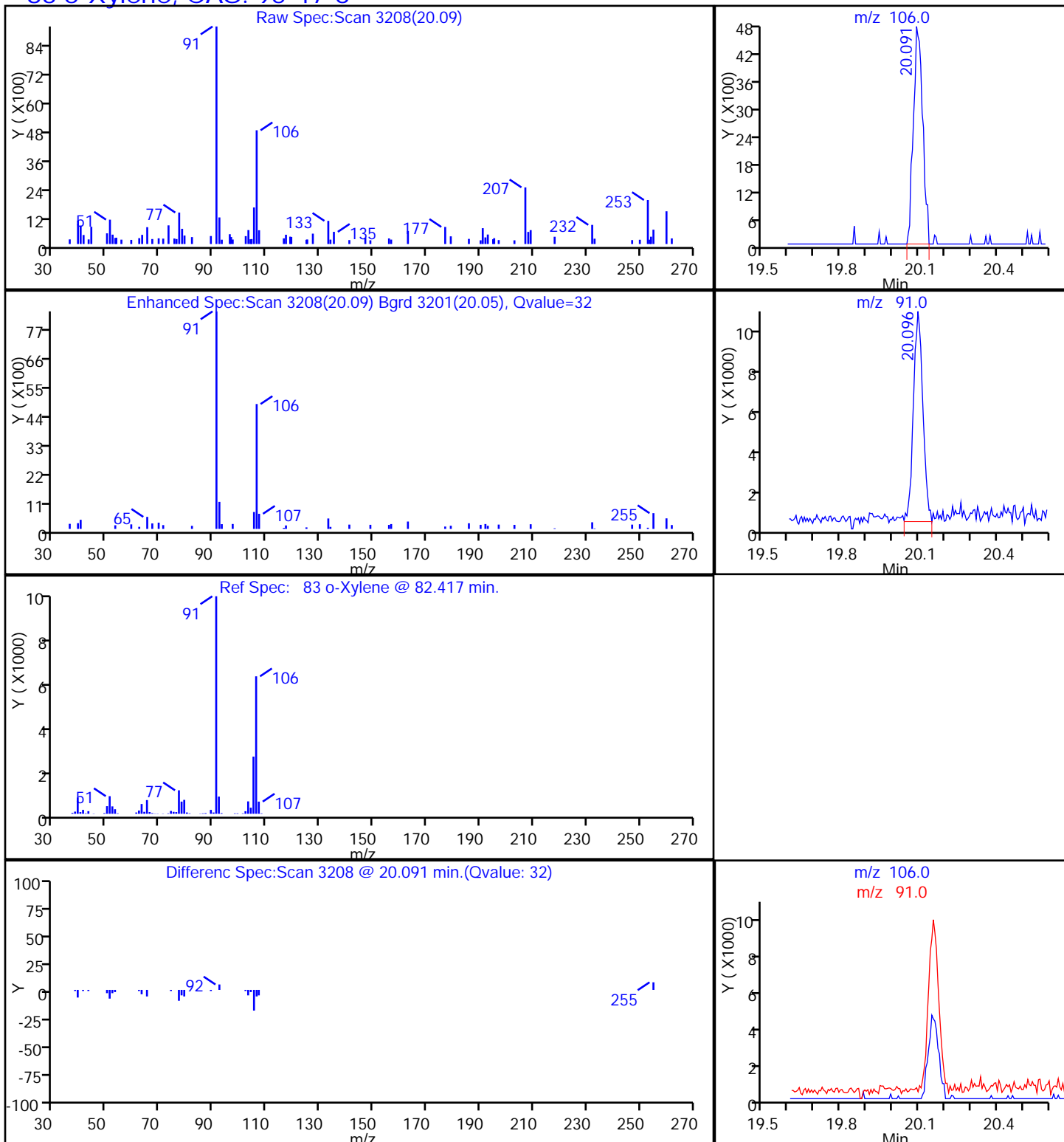
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

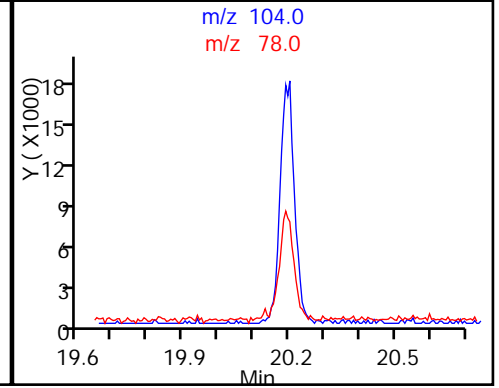
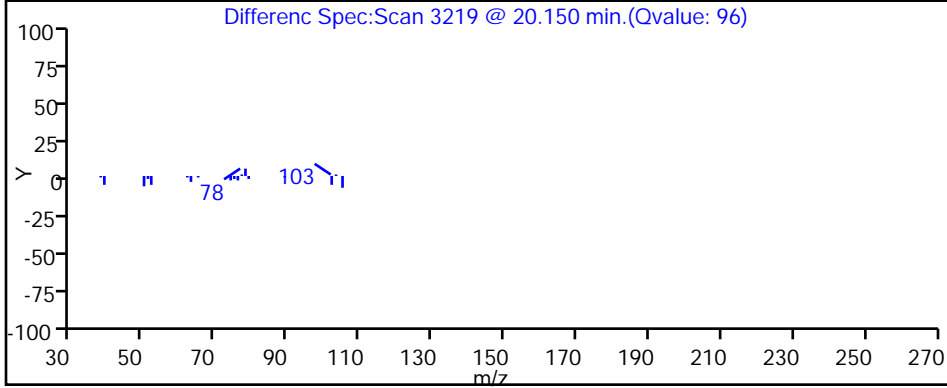
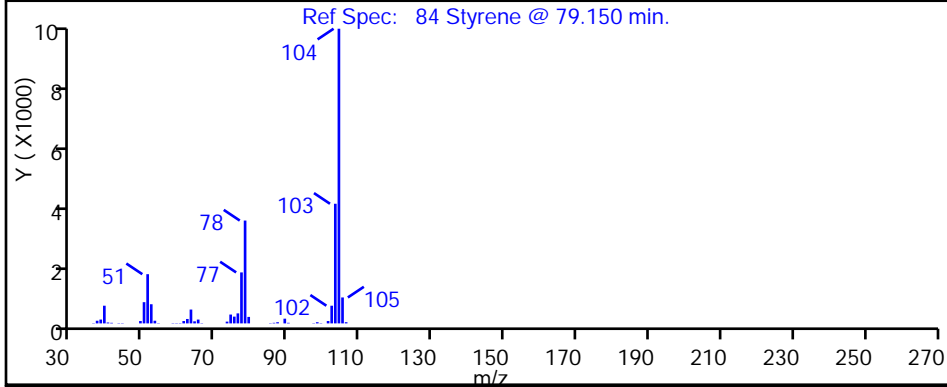
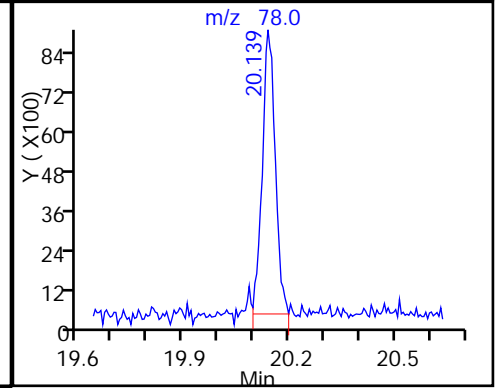
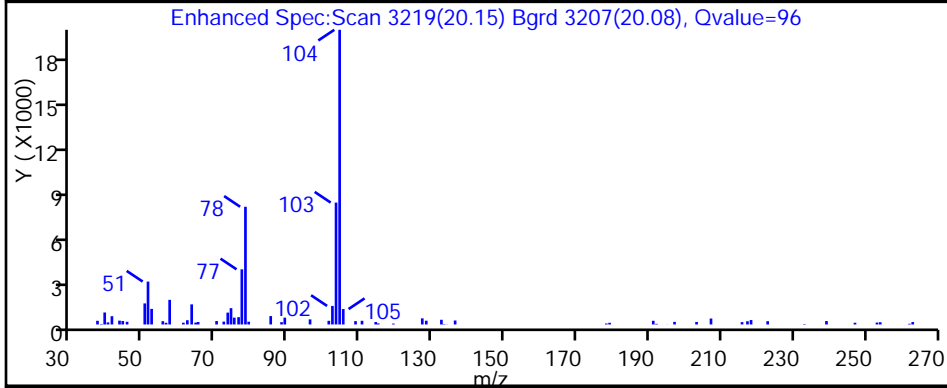
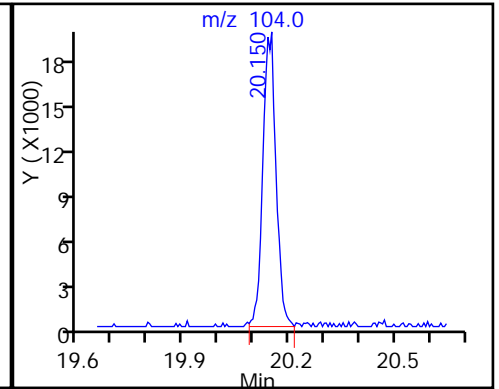
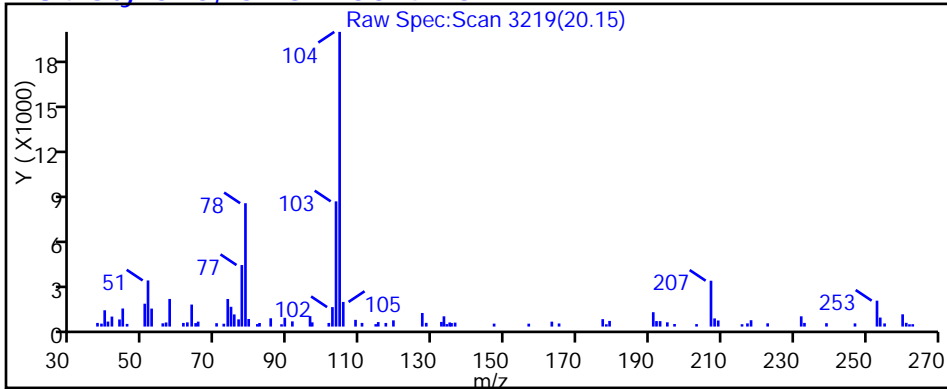
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

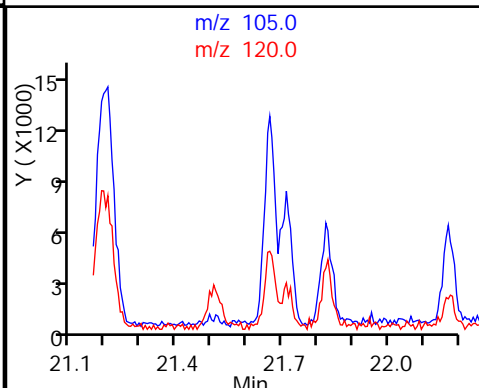
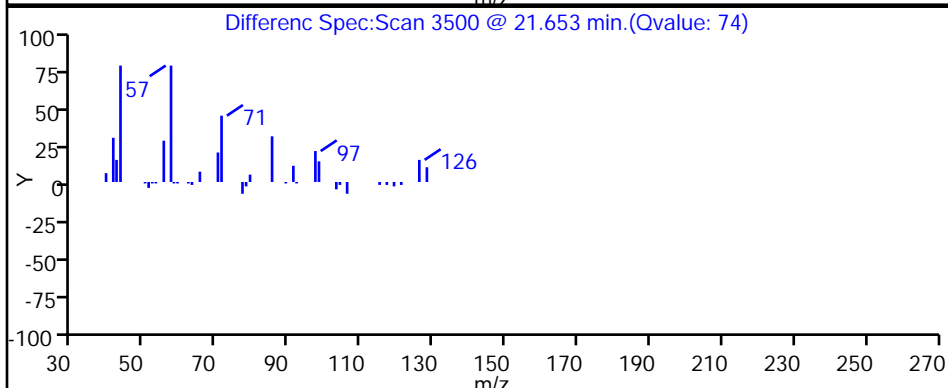
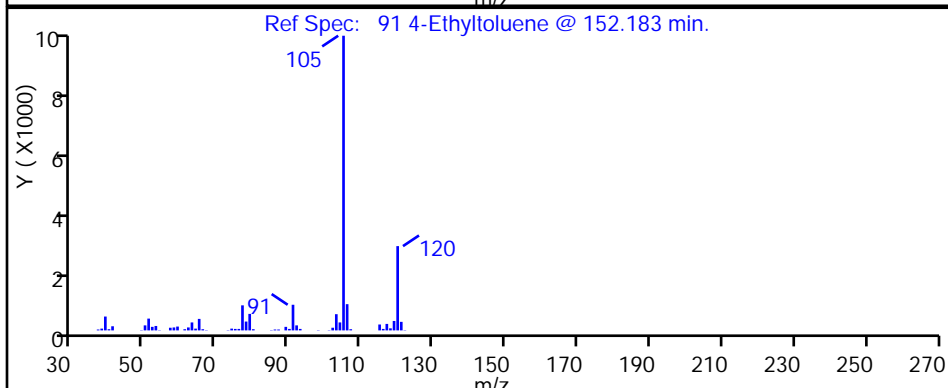
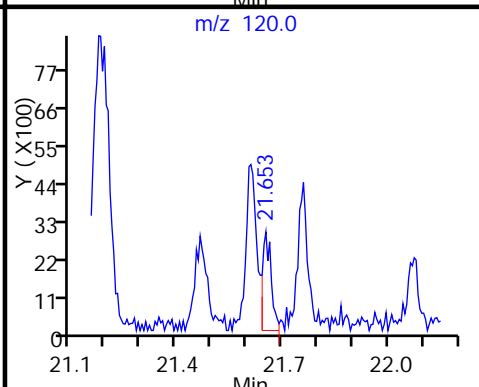
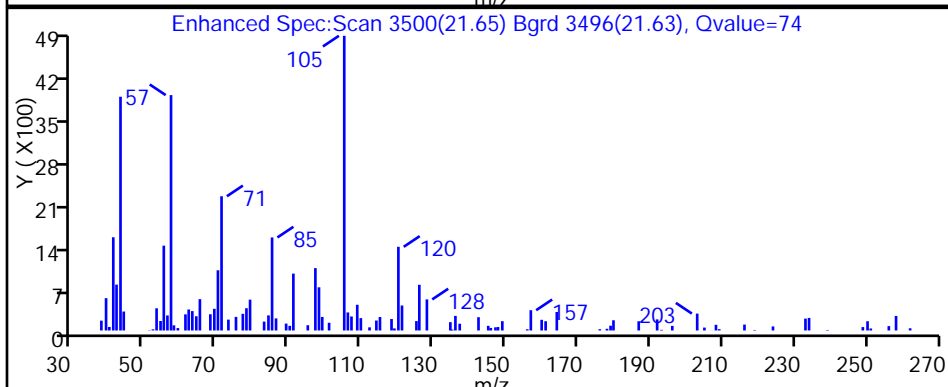
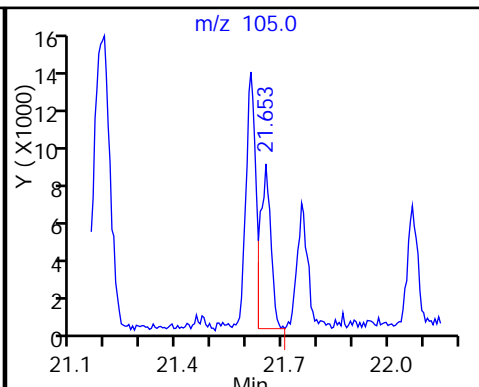
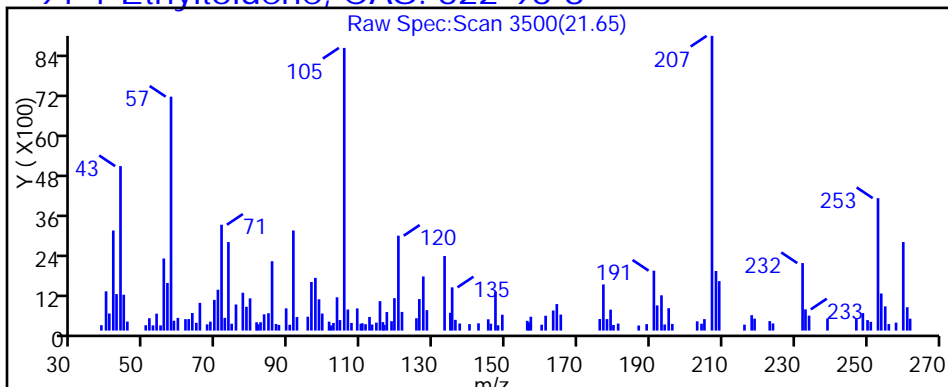
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

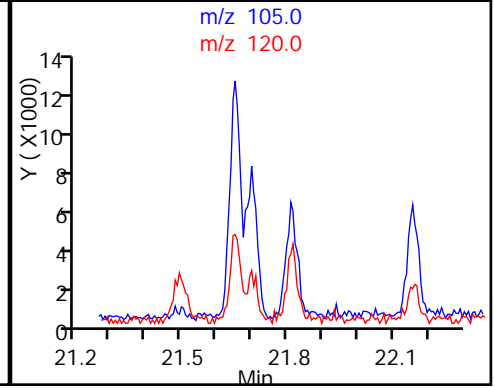
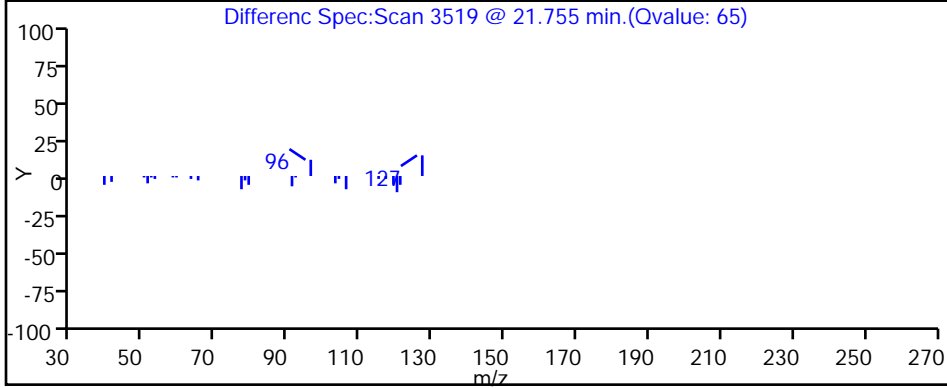
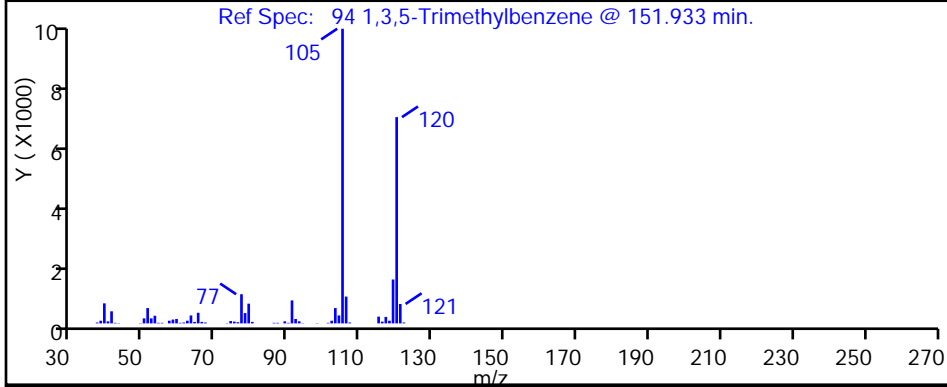
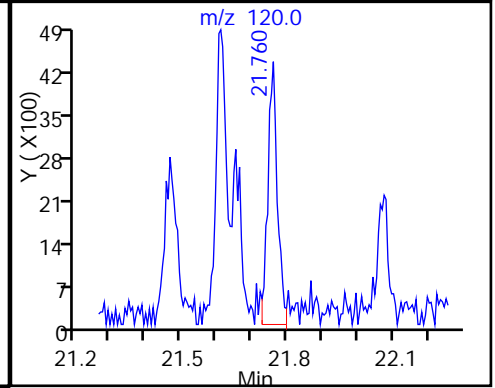
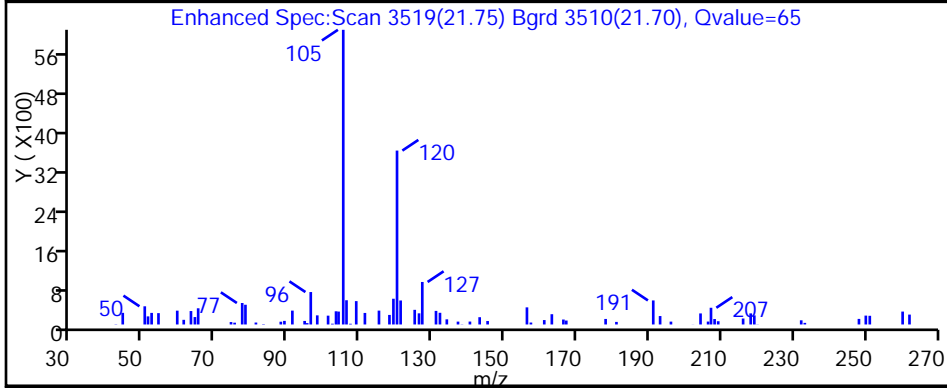
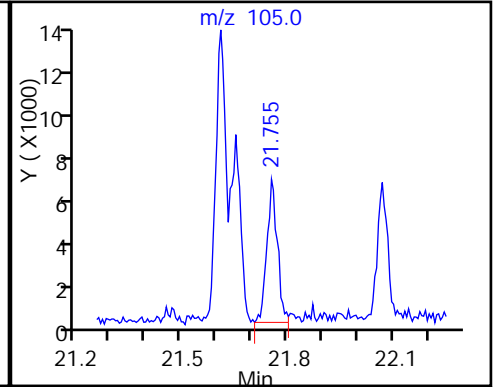
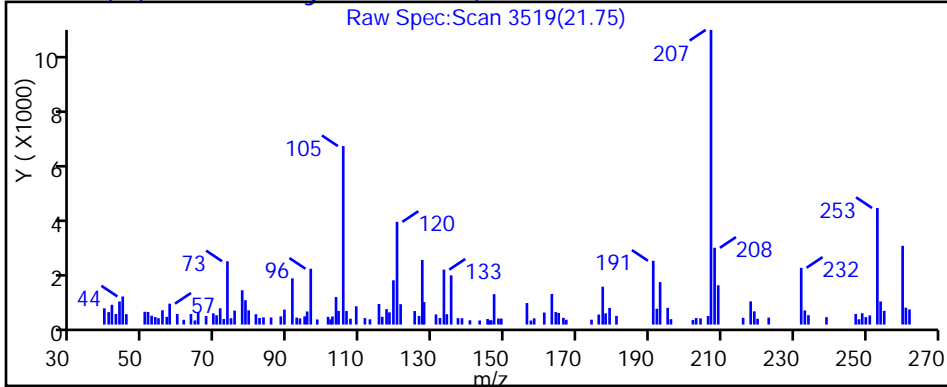
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

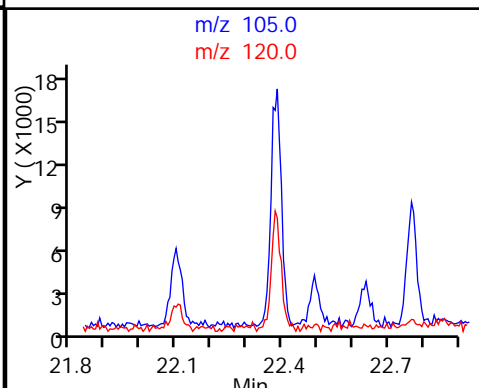
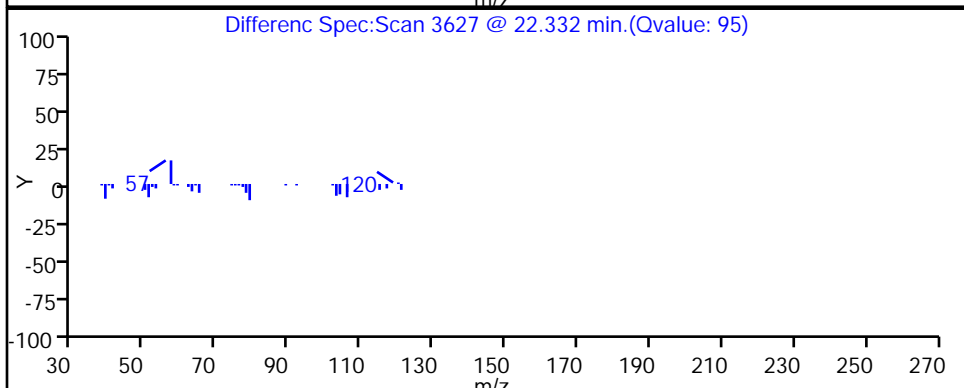
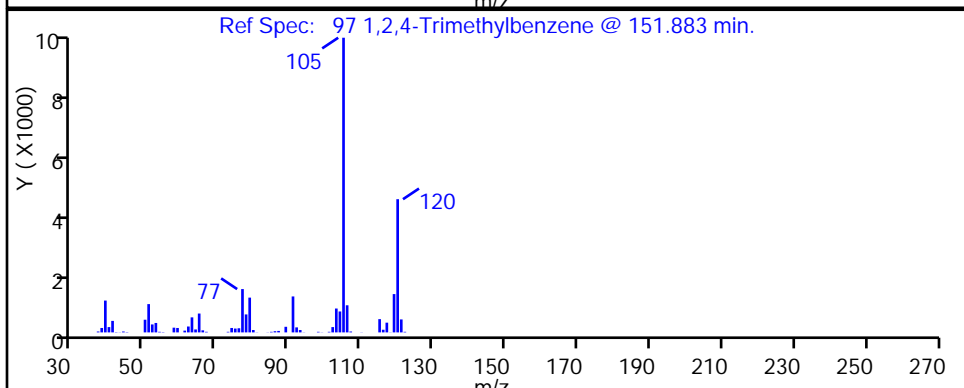
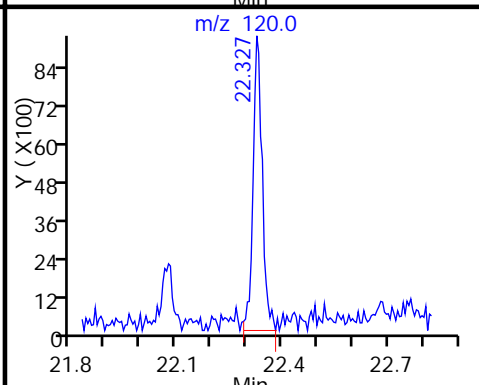
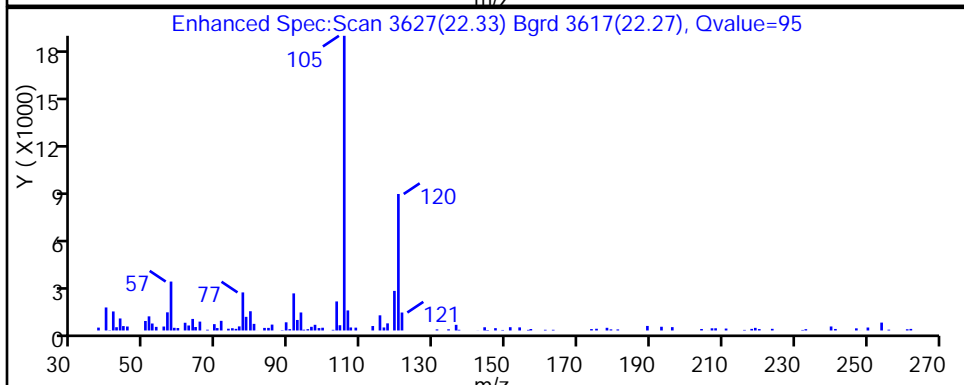
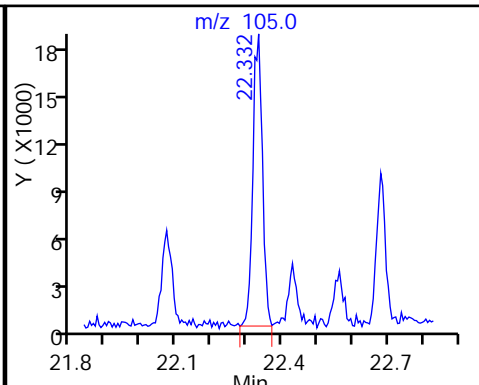
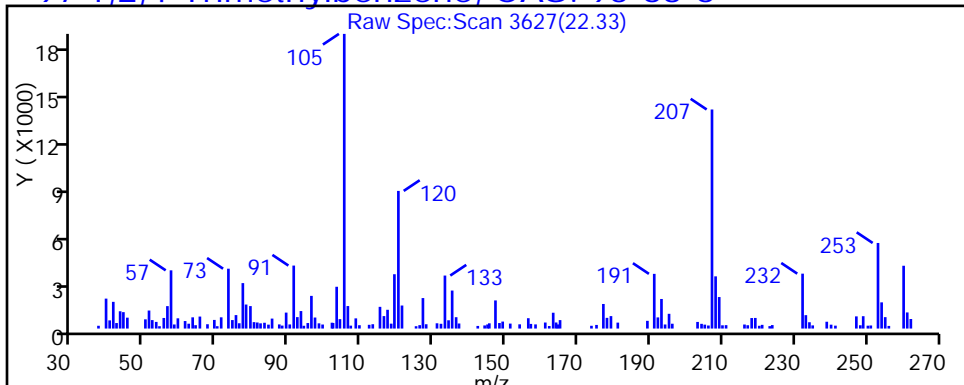
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_017.D

Injection Date: 21-Feb-2014 23:55:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-4

Lab Sample ID: 200-20955-4

Client ID: SS-VMP-2B

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 200.000 mL

Dil. Factor: 2.5000

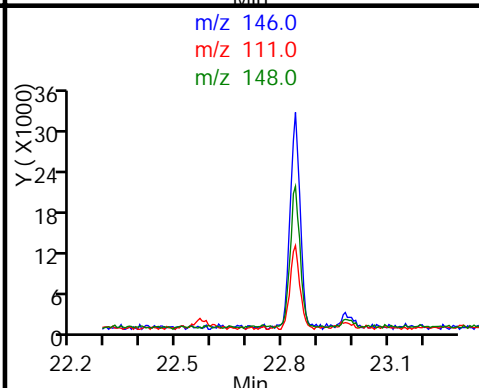
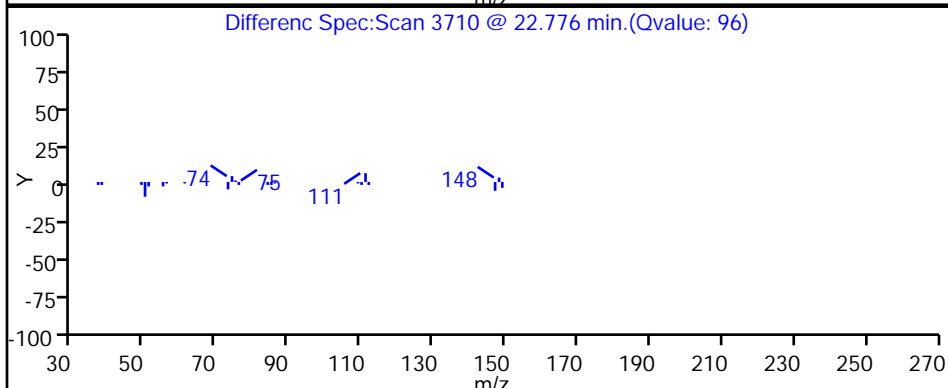
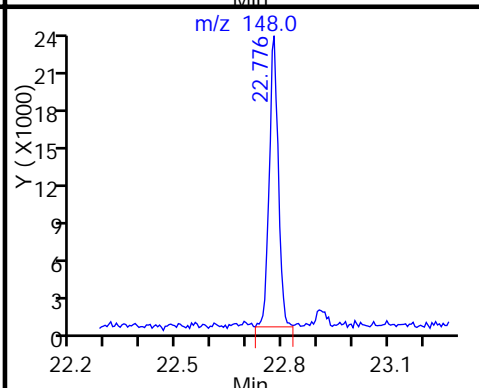
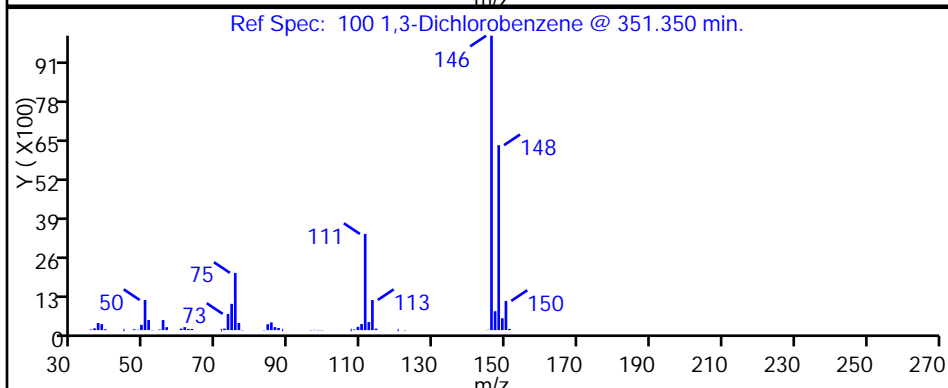
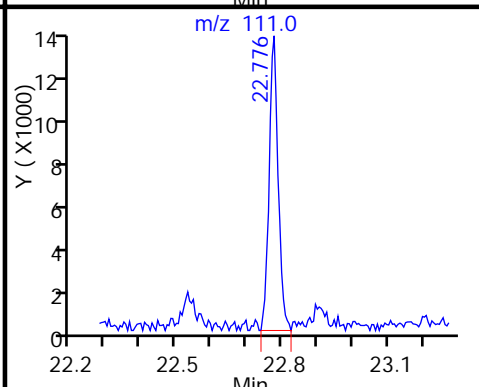
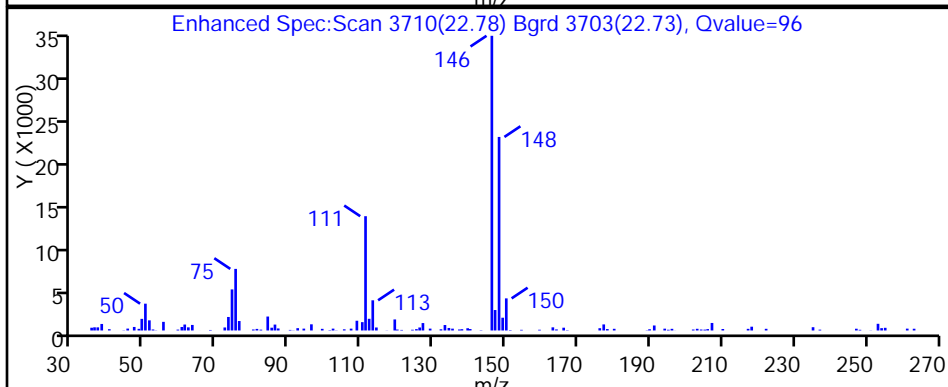
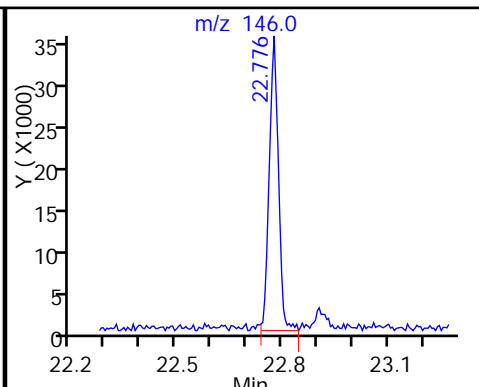
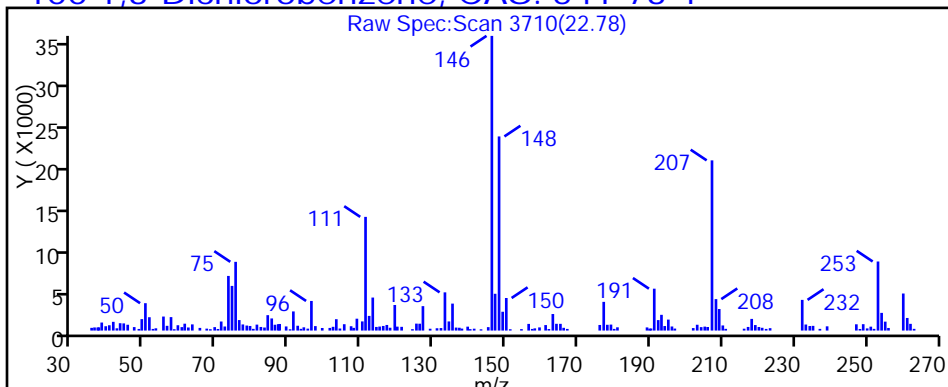
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2C Lab Sample ID: 200-20955-6
 Matrix: Air Lab File ID: 6267_018.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 00:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.37	J	0.50	0.030
75-45-6	Freon 22	86.47	0.37	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.53		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.35		0.20	0.030
76-13-1	Freon 113	187.38	0.077	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	16		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	610	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.87		0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	5.4		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.19	J	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	21		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	1.1	J	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.35		0.20	0.021
110-82-7	Cyclohexane	84.16	9.5		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.054		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.12	J	0.20	0.027
71-43-2	Benzene	78.11	0.27		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.17	J	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2C Lab Sample ID: 200-20955-6
 Matrix: Air Lab File ID: 6267_018.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 00:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.026	J	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.21	J	0.50	0.027
108-88-3	Toluene	92.14	0.84		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.044	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.12	J	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.18	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.34	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.13	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.47		0.20	0.034
100-42-5	Styrene	104.15	0.46		0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.067	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.057	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.17	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.63		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2C Lab Sample ID: 200-20955-6
 Matrix: Air Lab File ID: 6267_018.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200 (mL) Date Analyzed: 02/22/2014 00:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2C Lab Sample ID: 200-20955-6
 Matrix: Air Lab File ID: 6267_018.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 00:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	1.8	J	2.5	0.15
75-45-6	Freon 22	86.47	1.3	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.3		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	2.0		1.1	0.17
76-13-1	Freon 113	187.38	0.59	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	39		12	3.0
67-63-0	Isopropyl alcohol	60.10	1500	E	12	0.53
75-15-0	Carbon disulfide	76.14	2.7		1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	19		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.66	J	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	61		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	3.2	J	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.9		1.1	0.11
110-82-7	Cyclohexane	84.16	33		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.34		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.57	J	0.93	0.13
71-43-2	Benzene	78.11	0.87		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.70	J	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2C Lab Sample ID: 200-20955-6
 Matrix: Air Lab File ID: 6267_018.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 00:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.14	J	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.84	J	2.0	0.11
108-88-3	Toluene	92.14	3.2		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.30	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.57	J	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.80	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	1.5	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.58	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	2.0		0.87	0.15
100-42-5	Styrene	104.15	2.0		0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.33	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.28	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.86	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	3.8		1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-2C Lab Sample ID: 200-20955-6
 Matrix: Air Lab File ID: 6267_018.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:27
 Sample wt/vol: 200 (mL) Date Analyzed: 02/22/2014 00:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D
 Lims ID: 200-20955-A-6 Lab Sample ID: 200-20955-6
 Client ID: SS-VMP-2C
 Sample Type: Client
 Inject. Date: 22-Feb-2014 00:43:30 ALS Bottle#: 15 Worklist Smp#: 18
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-018
 Misc. Info.: 20955-6
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:45:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	81718	0.3714	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	96	30944	0.3736	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43	3.753	3.758	-0.005	94	29438	0.5347	
10 Vinyl chloride	62	3.796	3.796	0.0	25	1625	0.0284	
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101	5.353	5.347	0.006	94	88158	0.3508	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.465	6.476	-0.011	80	12118	0.0768	
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43	6.717	6.717	0.0	86	1008815	16.4	
26 Carbon disulfide	76	6.883	6.883	0.001	98	141560	0.8657	
27 Isopropyl alcohol	45	7.129	7.038	0.091	98	30410382	611.6	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	82	267061	5.39	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57	8.488	8.493	-0.005	88	10948	0.1860	
37 1,1-Dichloroethane	63	8.953	8.947	0.006	1	3631	0.0352	
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.130	10.135	-0.005	98	631183	20.6	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	701309	10.0	
44 Tetrahydrofuran	42	10.574	10.579	-0.005	82	51892	1.08	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.986	10.991	-0.005	83	960464	9.54	
47 1,1,1-Trichloroethane	97	11.002	11.002	0.0	92	84469	0.3545	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	11.259 11.269	-0.010 56	16531 0.0544
	50			78	11.735 11.740	-0.005 92	73052 0.2713
	51			57	11.762 11.761	0.001 57	39296 0.1223
	52			62			11.911
	53			43	12.174 12.168	0.006 82	20262 0.1697
*	54			114	12.623 12.623	0.0 91	4034897 10.0
	56			95	13.115 13.110	0.005 80	4945 0.0259
	58			63			13.682
	59			69			13.880
	60			88			13.917
	62			83			14.249
	64			75			15.228
	65			43	15.528 15.528	0.0 93	40564 0.2057
	66			92	15.849 15.849	0.0 92	243972 0.8380
	70			75			16.437
	71			83			16.812
	72			166	16.956 16.961	-0.005 93	13900 0.0444
	73			43	17.288 17.282	0.006 87	14497 0.0832
	74			129			17.587
	75			107			17.860
*	76			117	18.786 18.786	0.0 81	3973816 10.0
	77			112	18.845 18.844	0.001 54	52621 0.1246
	78			91	19.010 19.016	-0.006 96	111210 0.1839
	80			106	19.257 19.272	-0.015 99	85239 0.3448
S	82			106		0	0.4789
	83			106	20.091 20.102	-0.011 49	34611 0.1341
	84			104	20.145 20.144	0.001 97	159336 0.4638
	85			173			20.530
\$	87			95	21.108 21.107	0.001 96	2075508 NC
	88			83			21.364
	90			91			21.471
	92			91			21.653
	91			105	21.653 21.653	0.0 89	39888 0.0668
	94			105	21.755 21.760	-0.005 76	33825 0.0573
	96			119			22.242
	97			105	22.327 22.332	-0.005 96	99384 0.1741
	98			105			22.562
	99			119			22.760
	100			146	22.777 22.776	0.001 98	222024 0.6260
	101			146			22.910
	102			91			23.103
	103			91			23.338
	105			146			23.451
	107			180			26.013
	108			225			26.227
	109			128			26.505

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Worklist Smp#: 18

Client ID: SS-VMP-2C

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

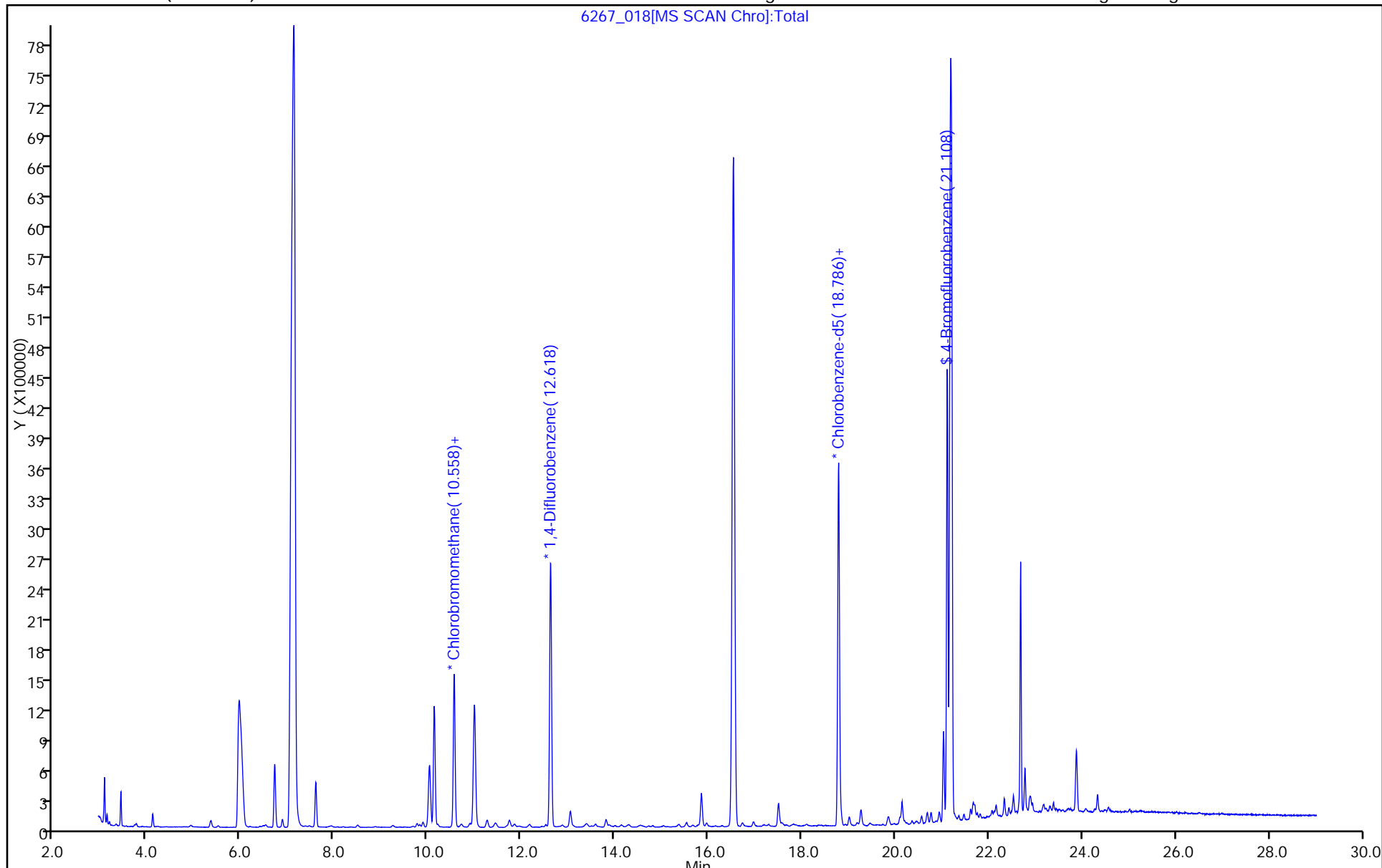
ALS Bottle#: 15

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

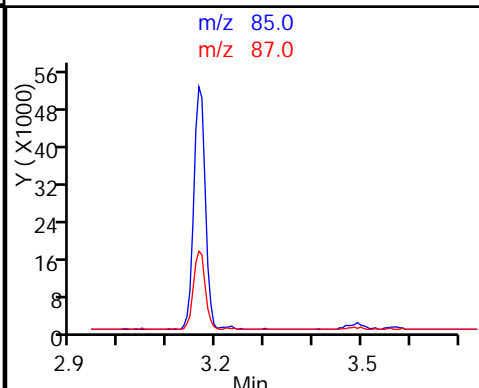
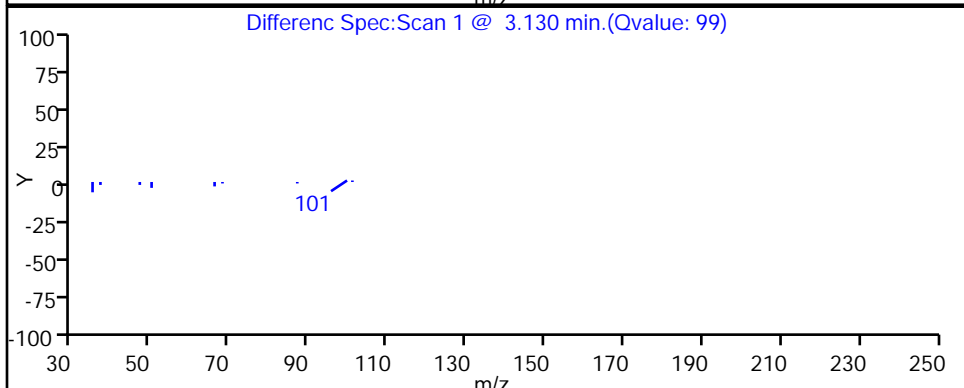
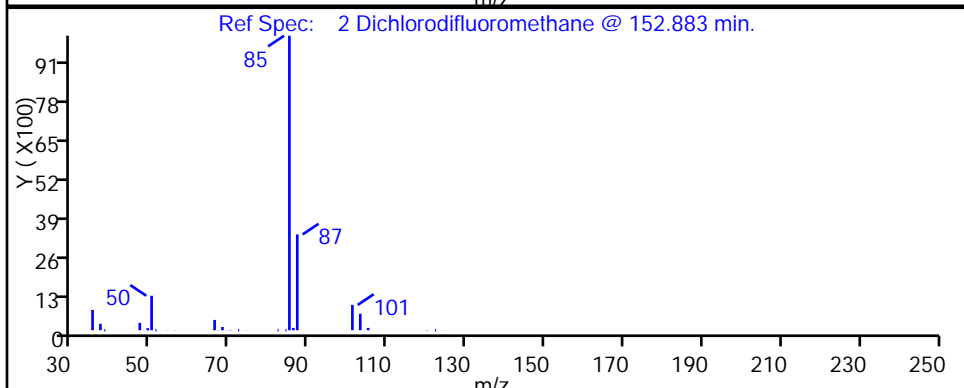
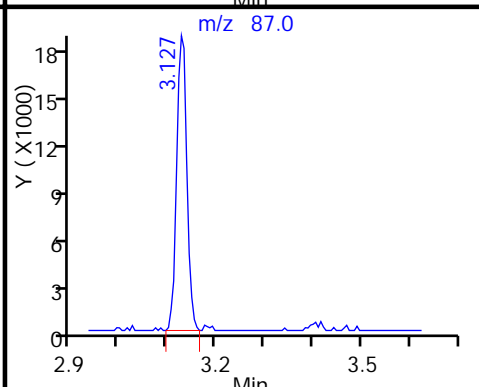
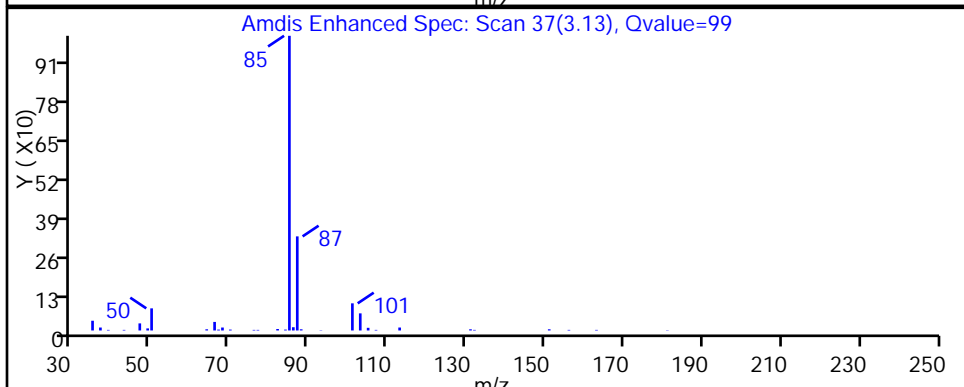
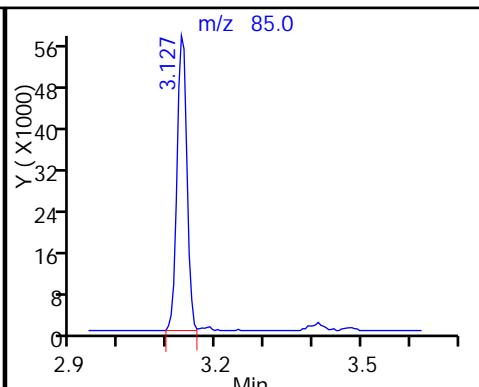
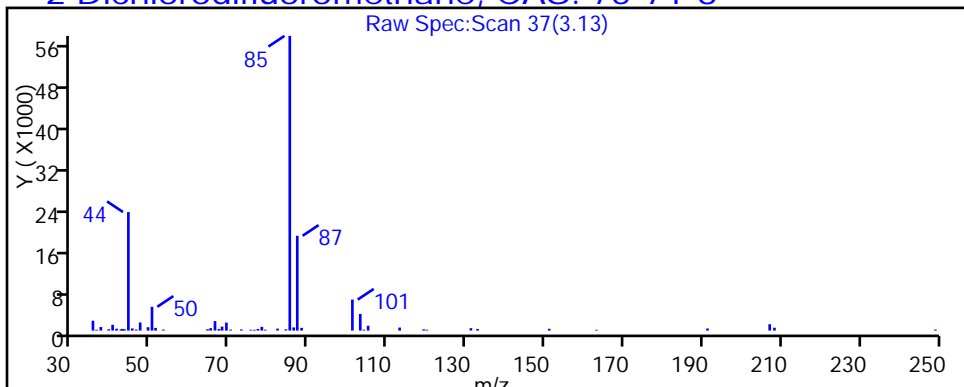
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

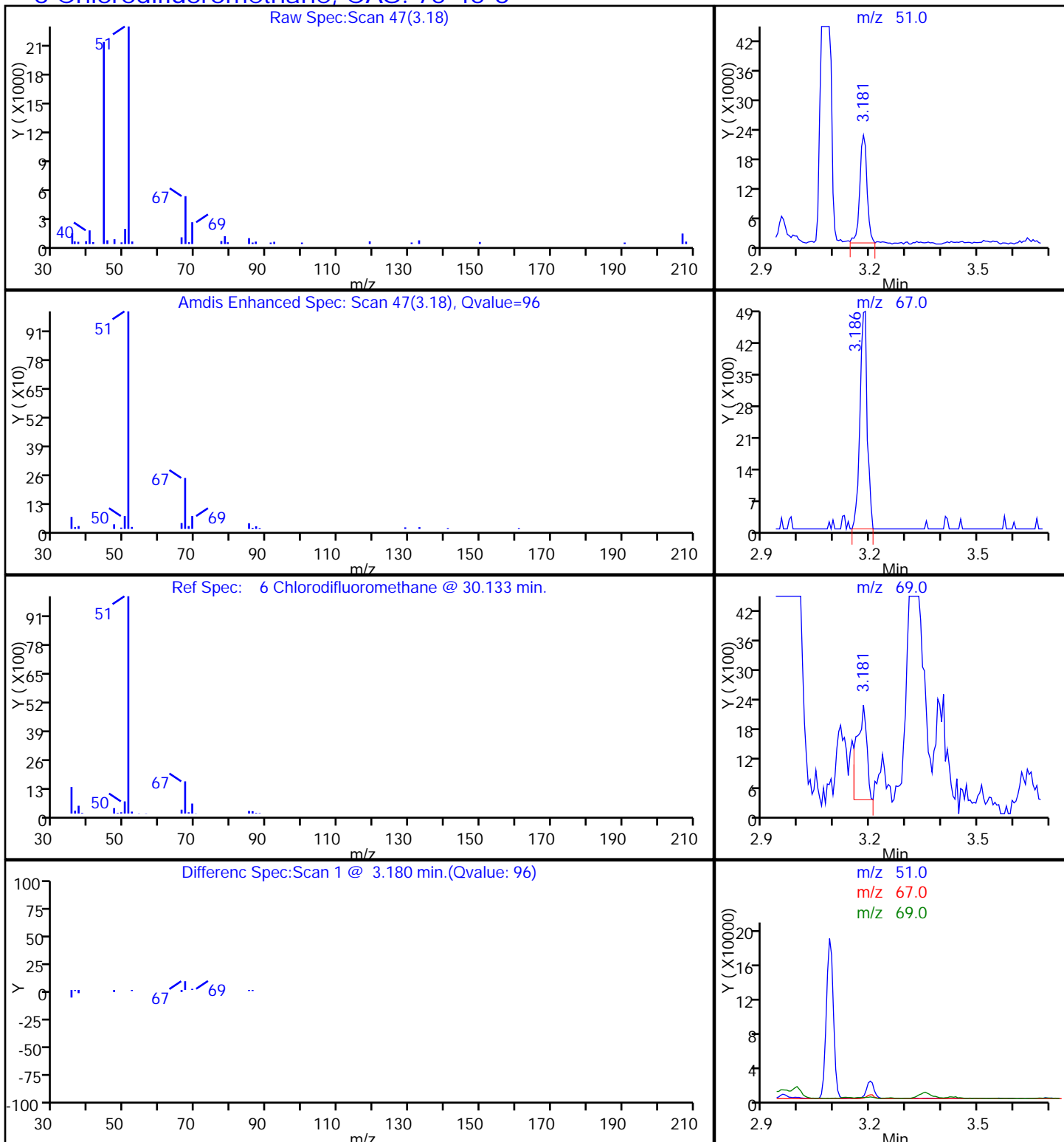
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

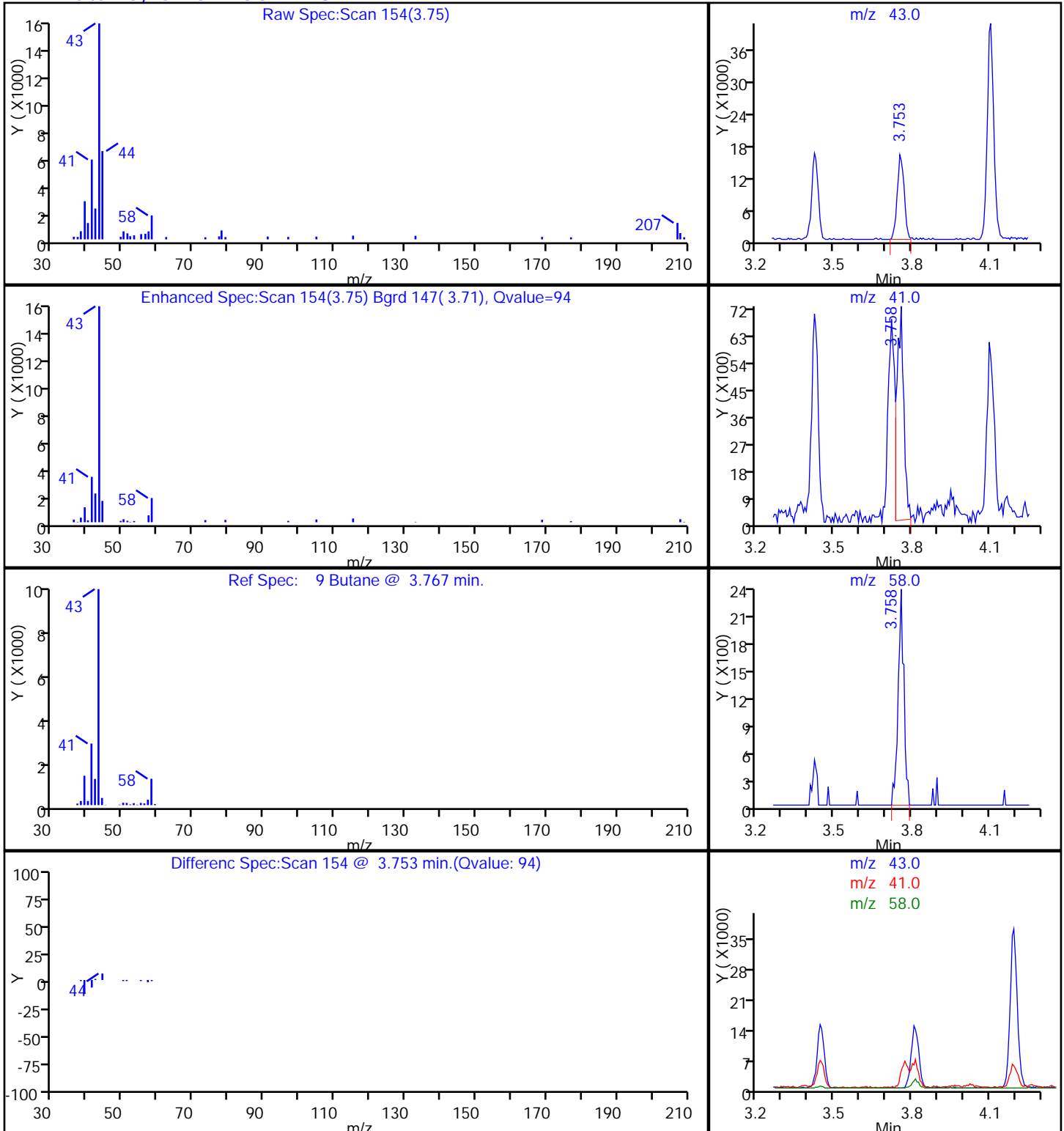
Method: TO15_LLJN_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

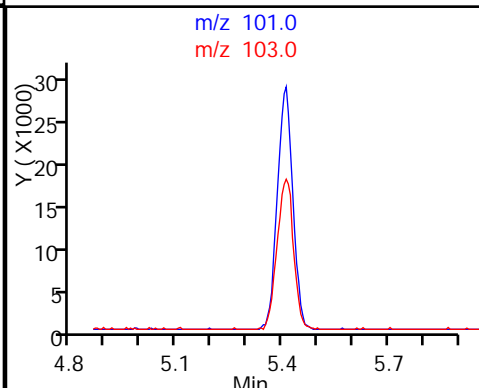
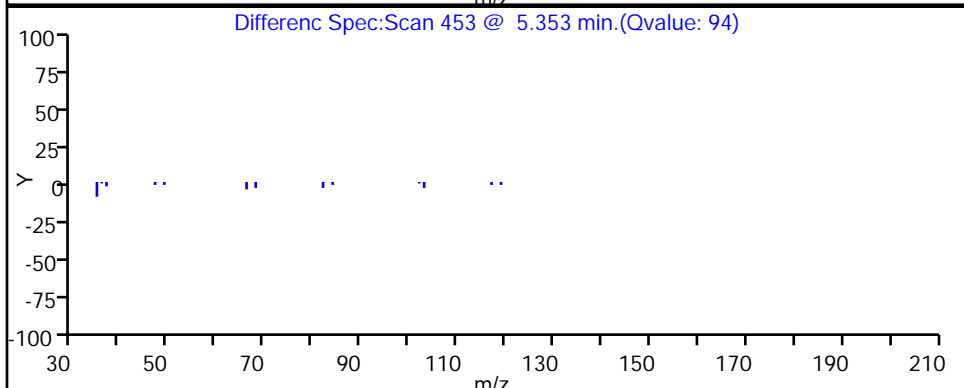
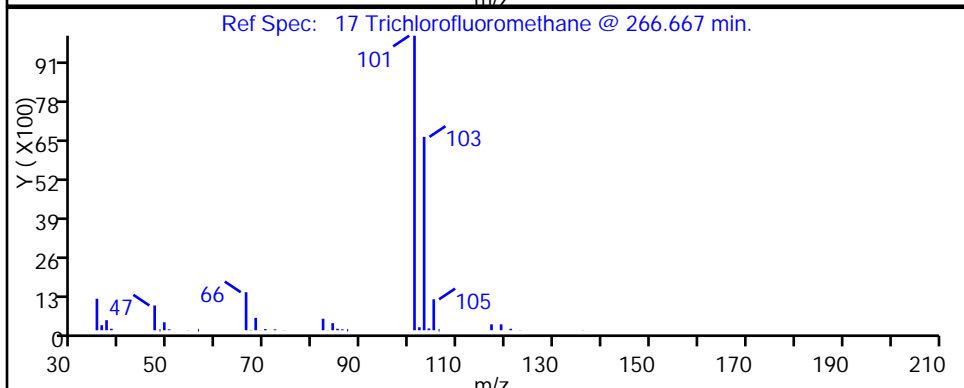
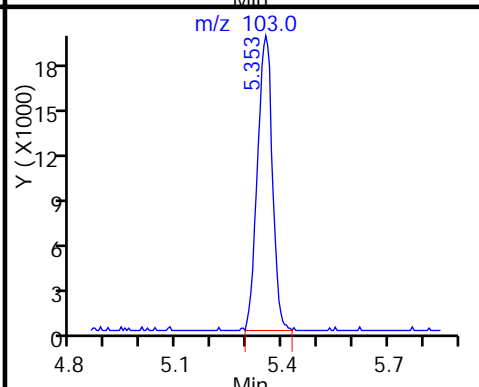
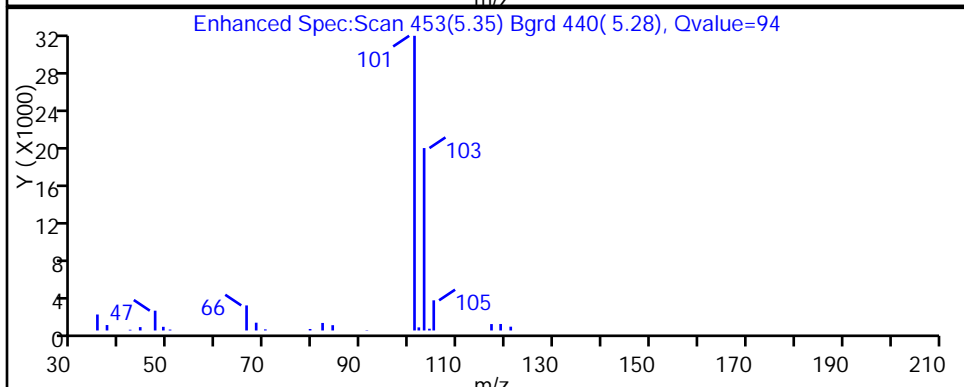
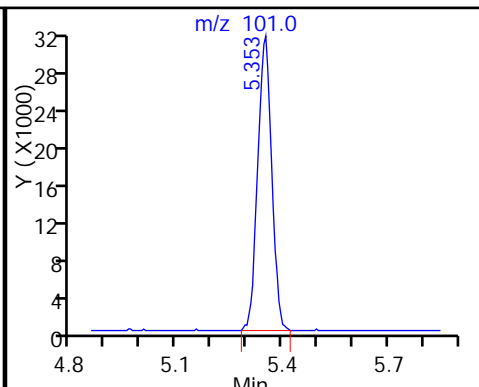
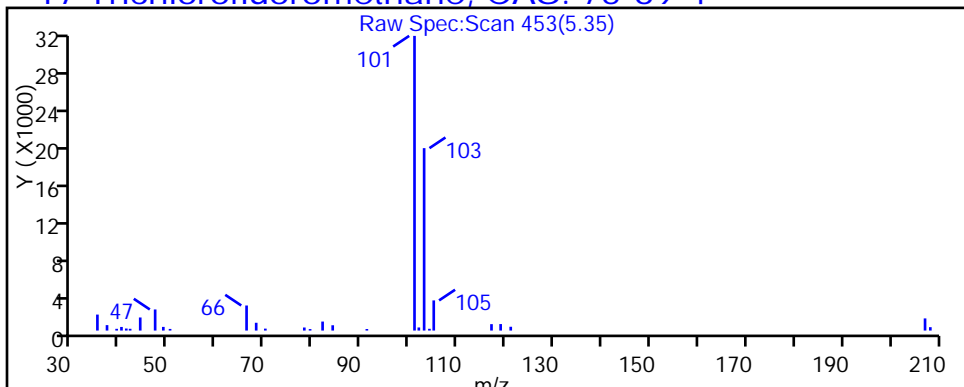
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

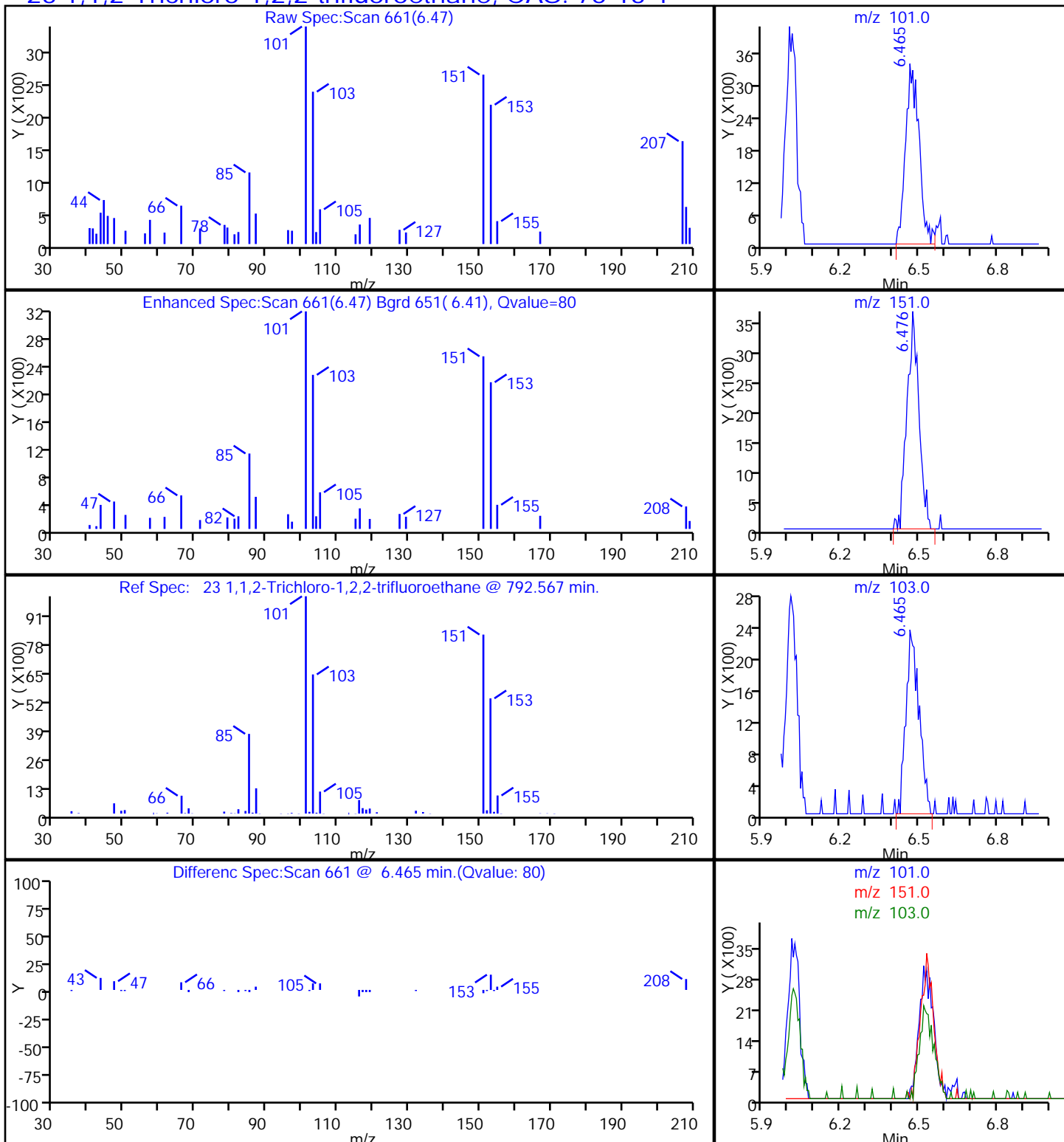
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

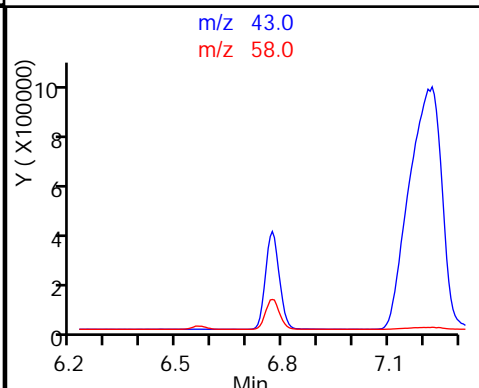
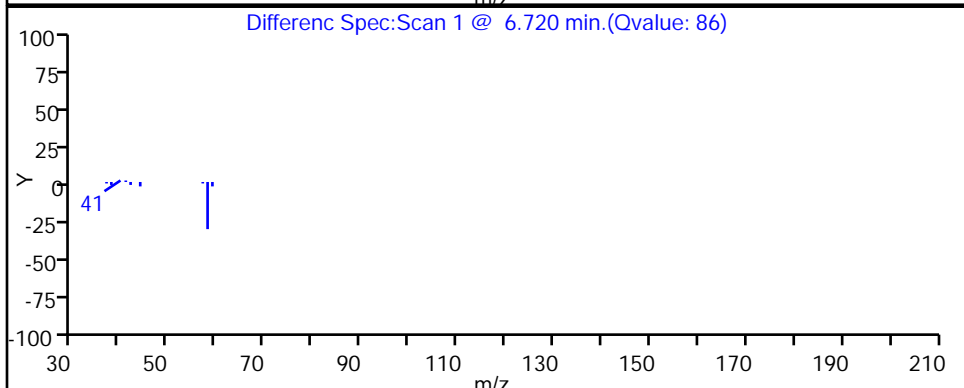
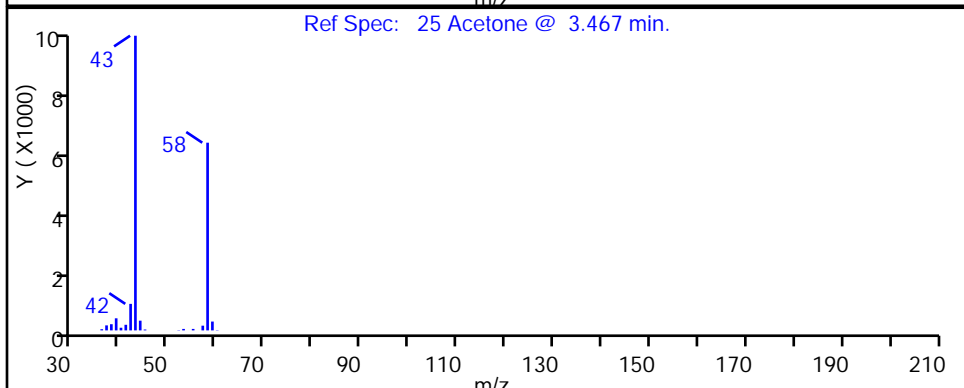
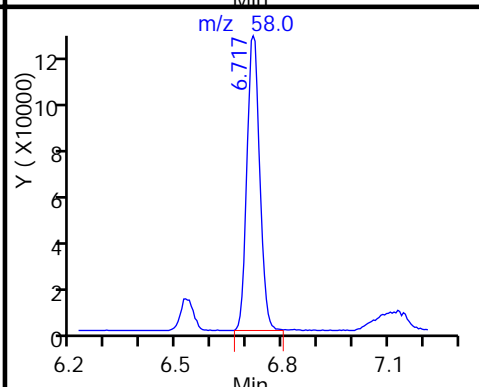
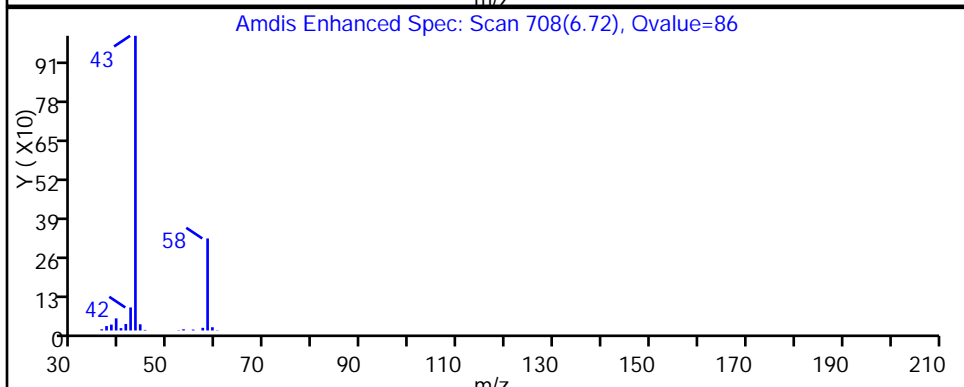
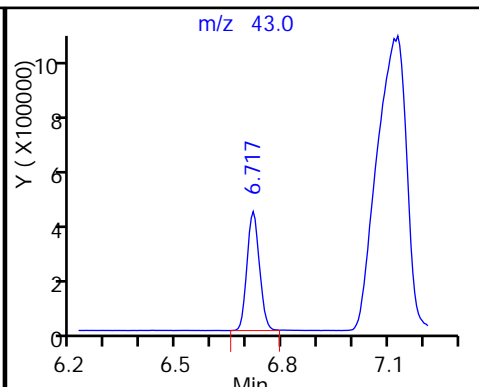
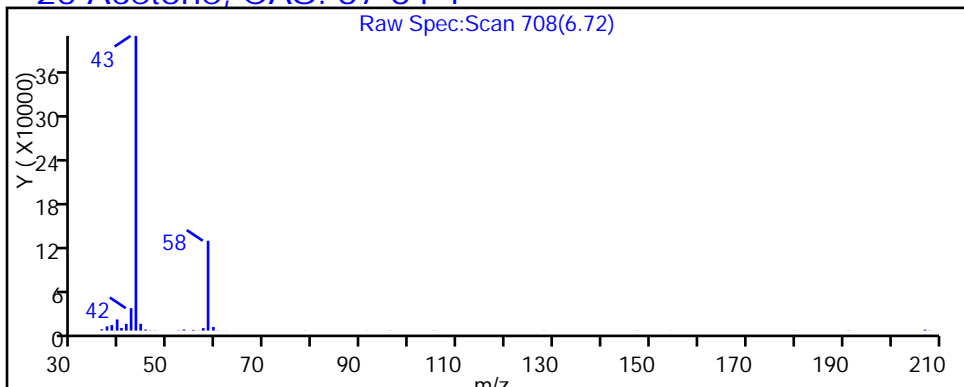
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

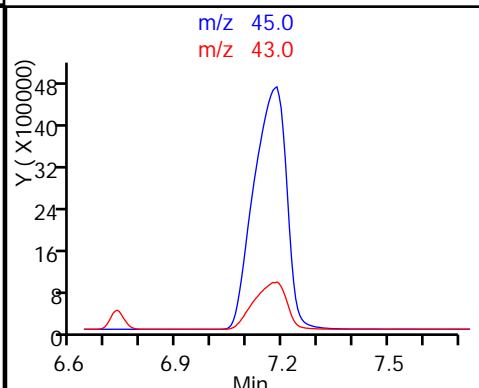
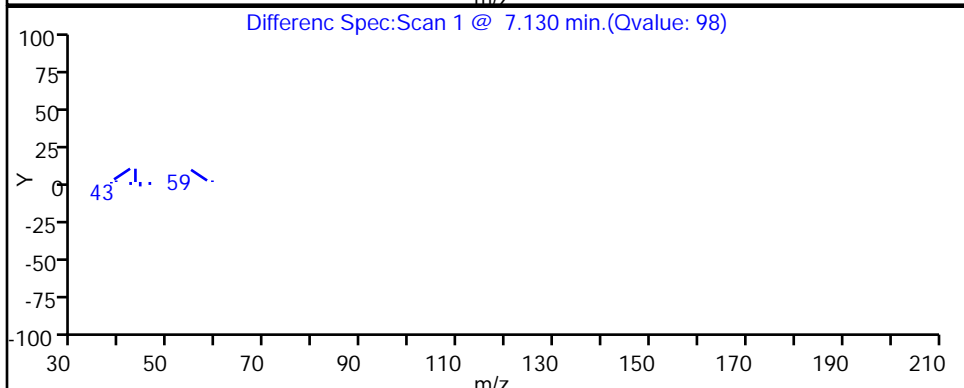
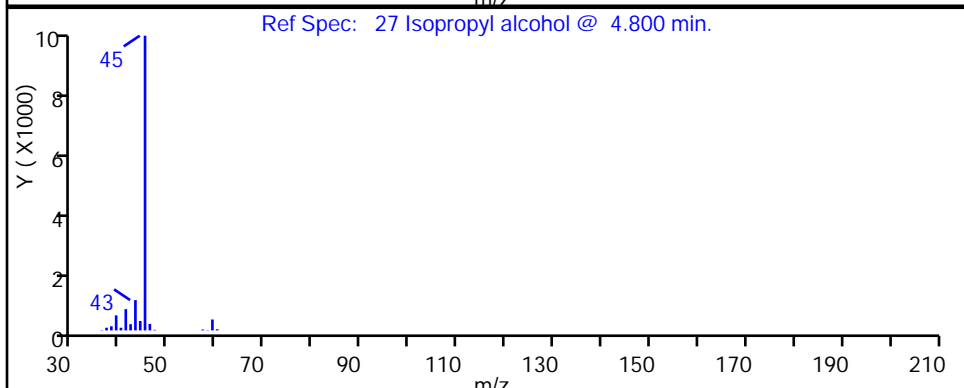
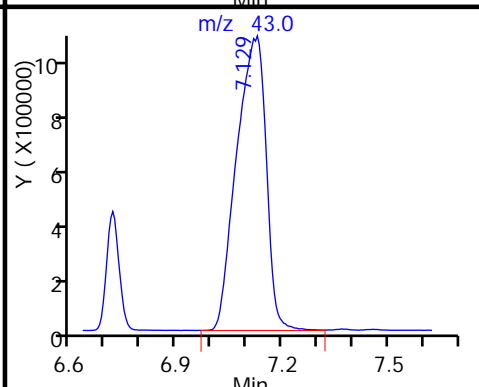
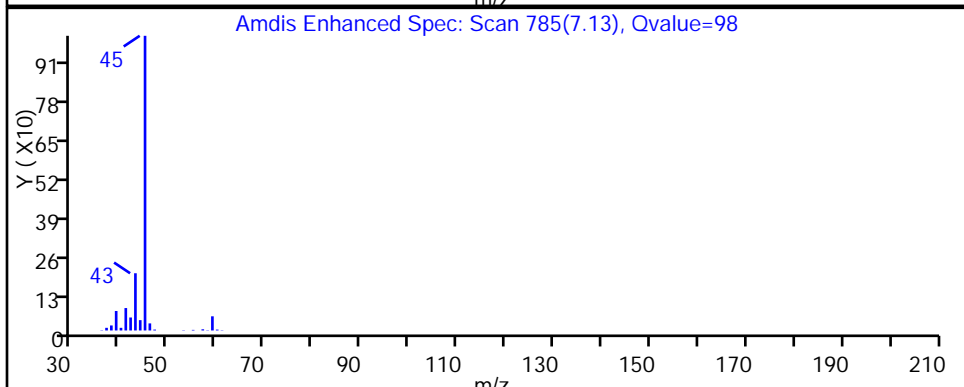
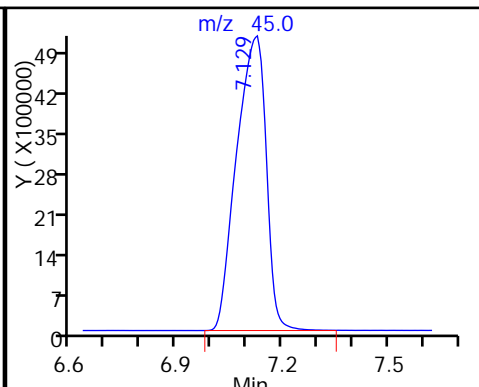
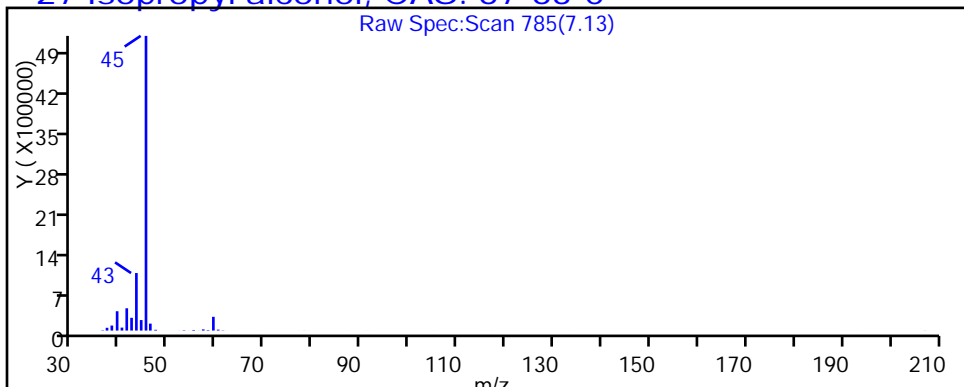
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

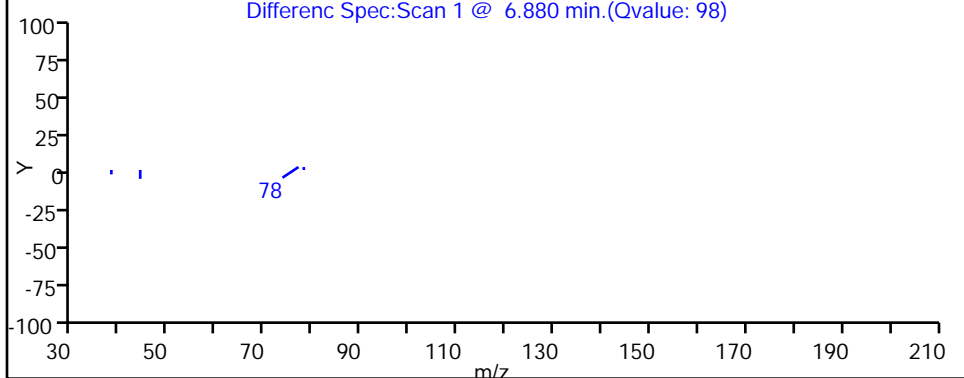
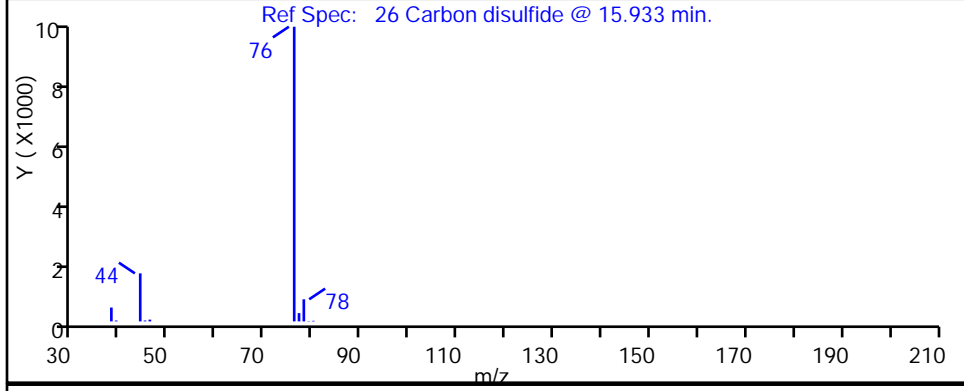
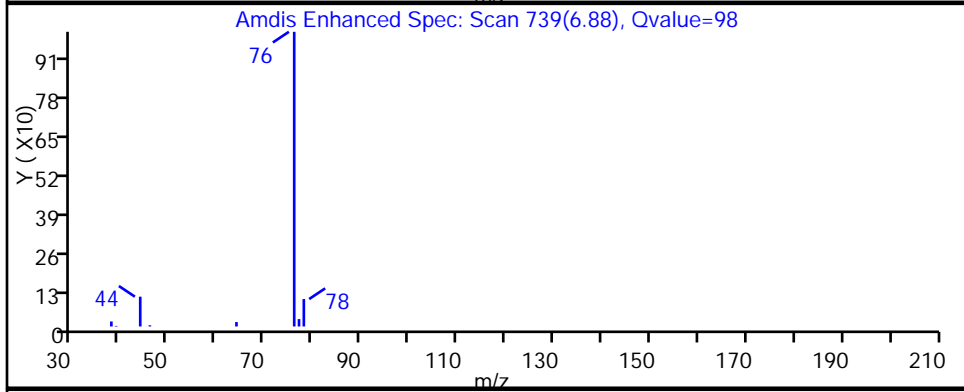
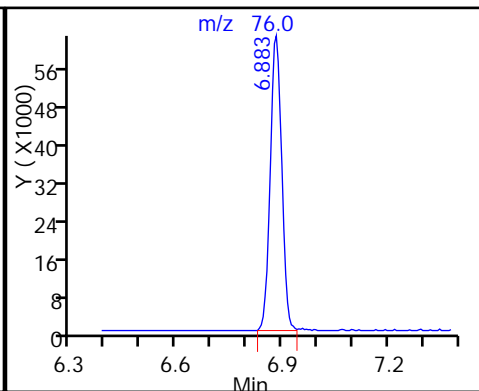
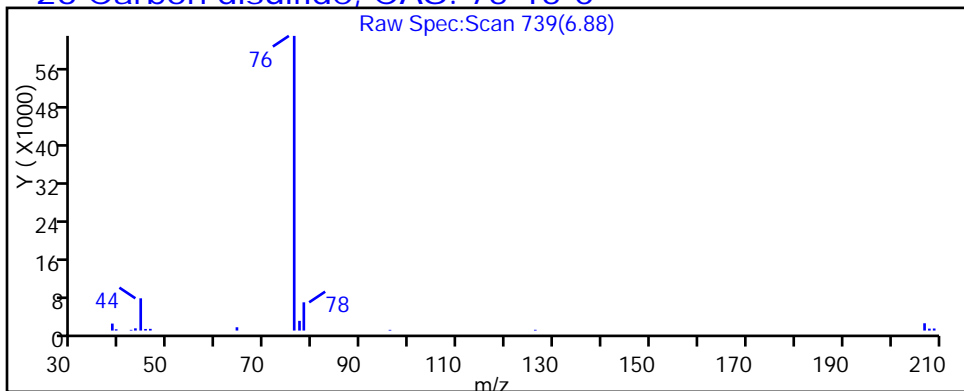
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

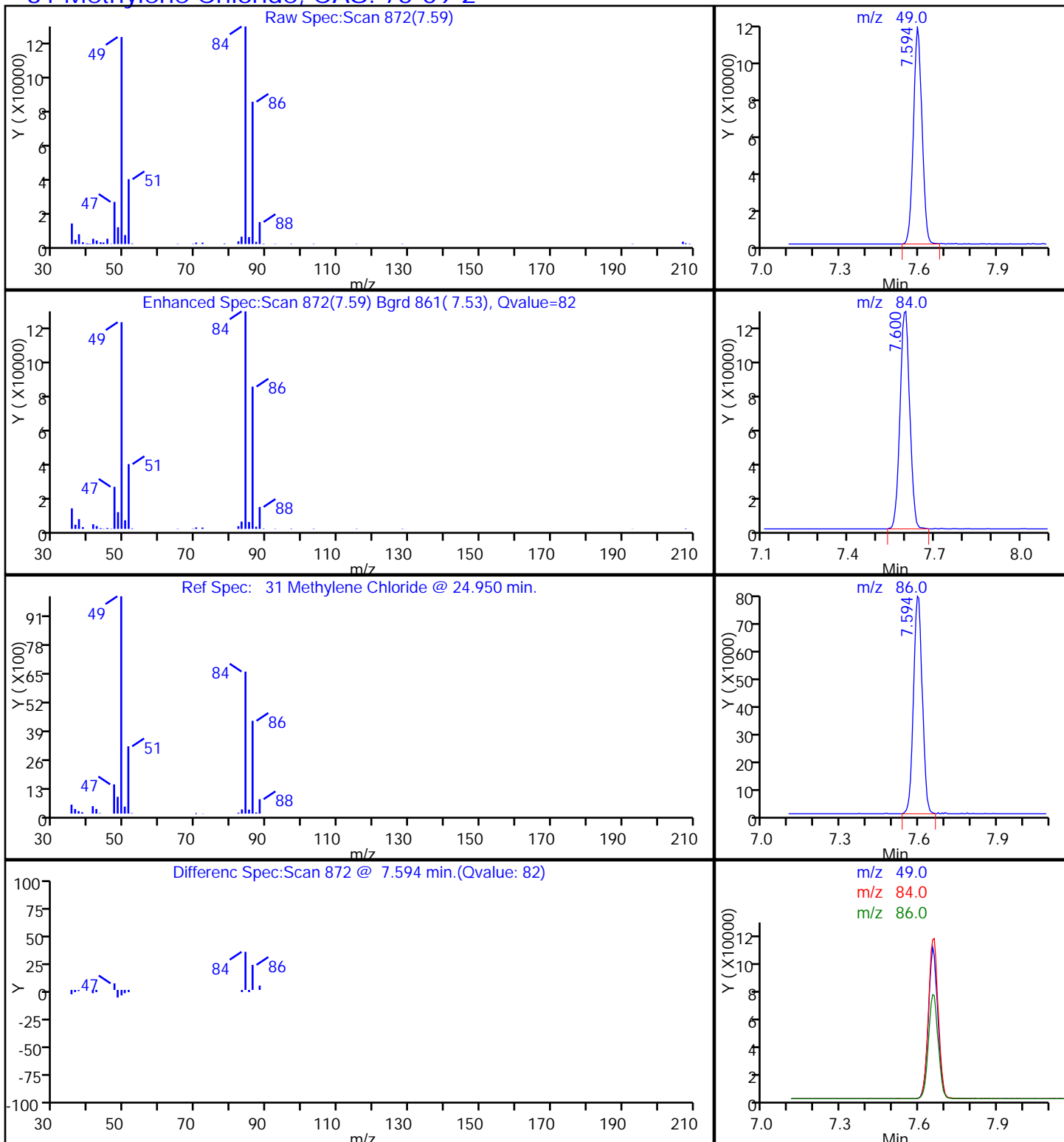
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

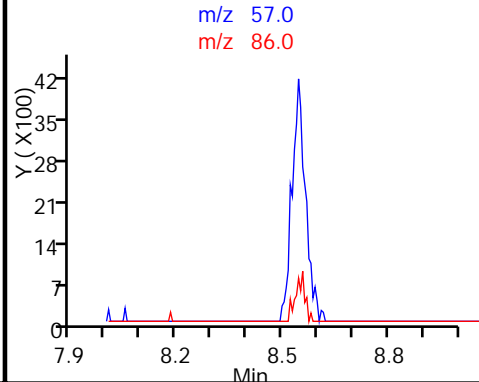
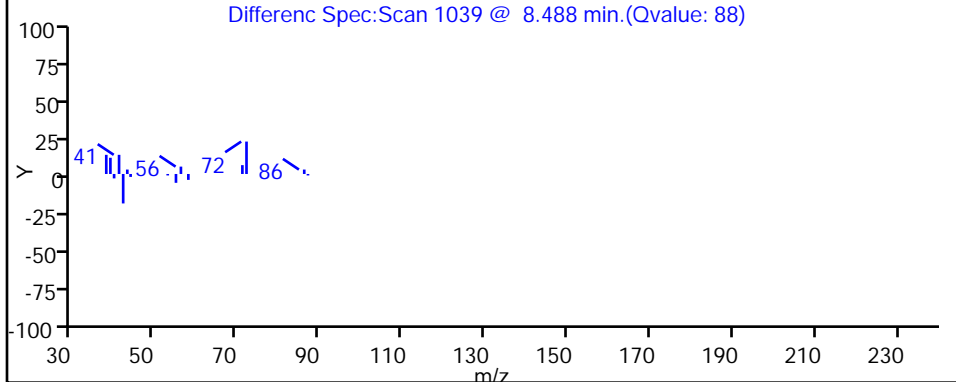
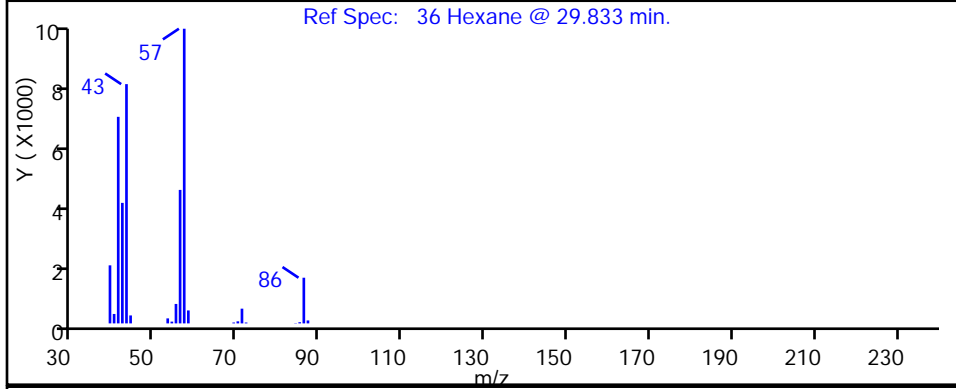
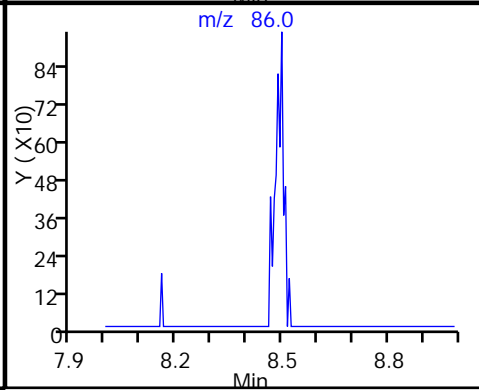
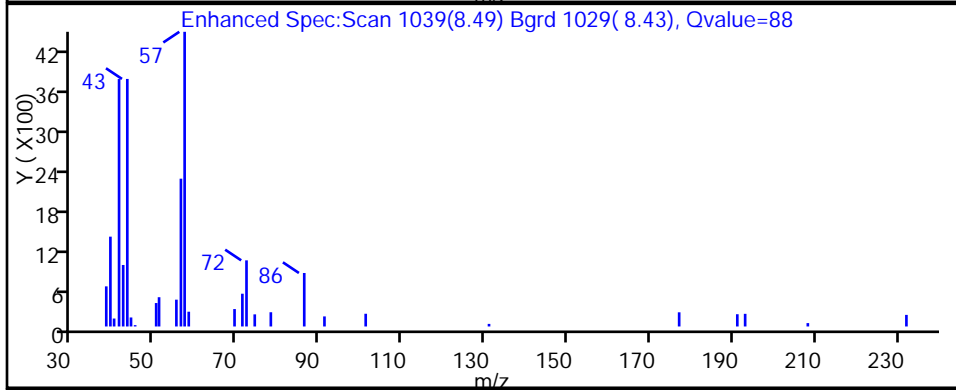
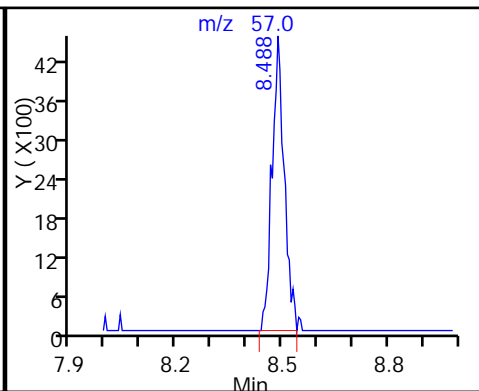
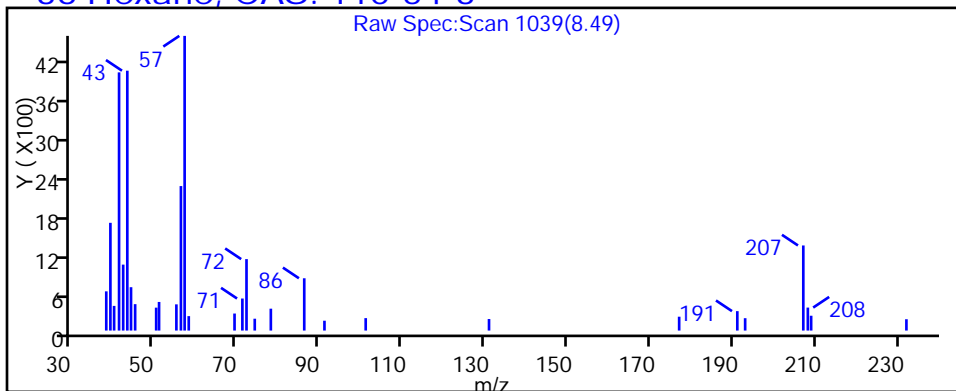
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

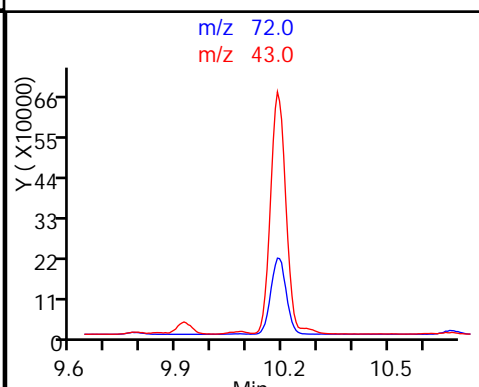
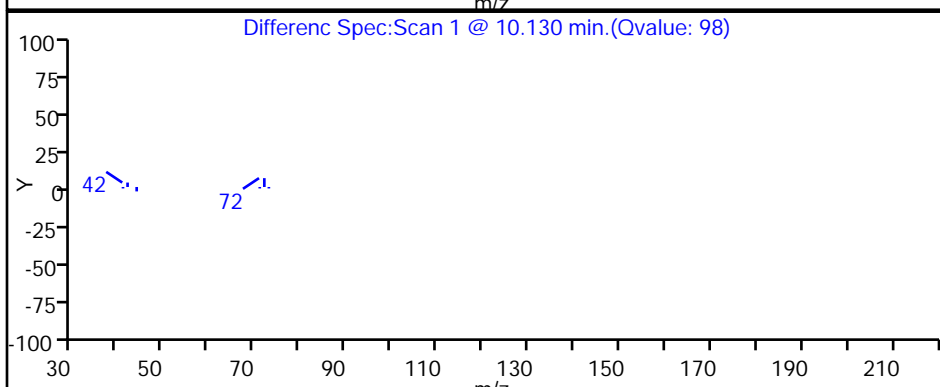
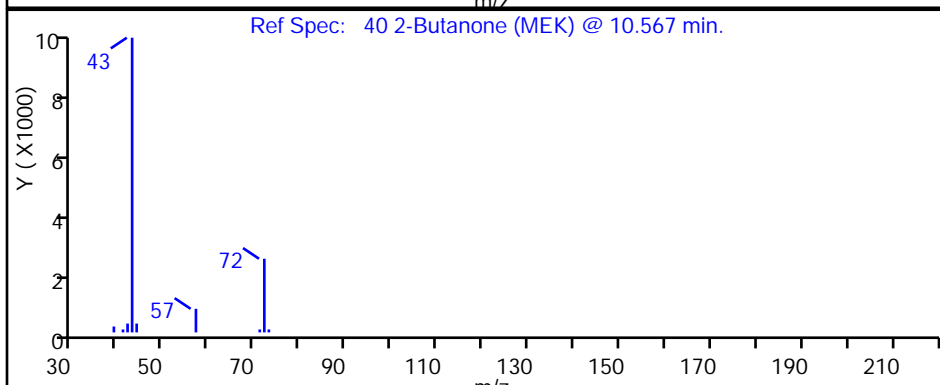
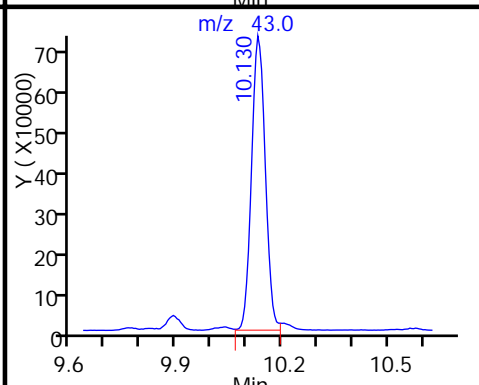
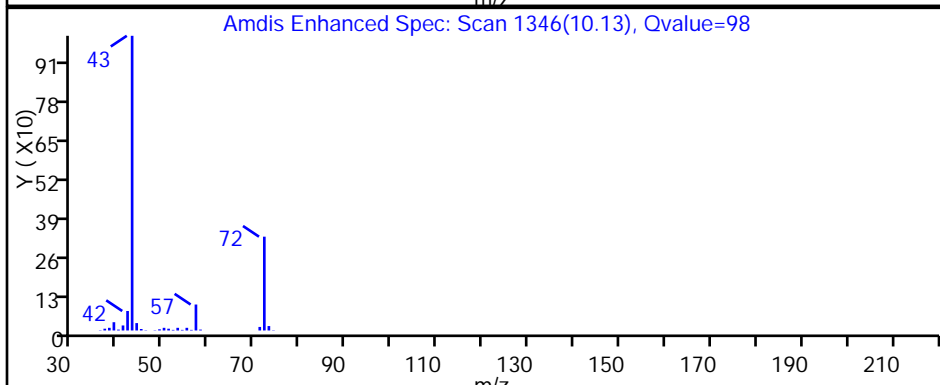
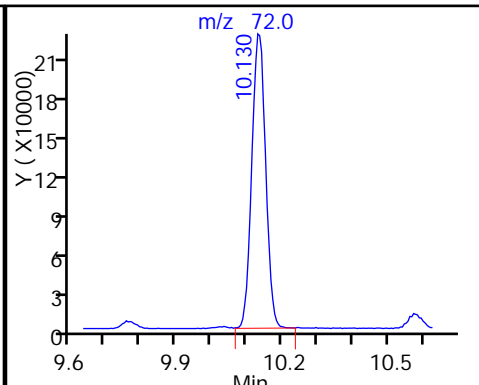
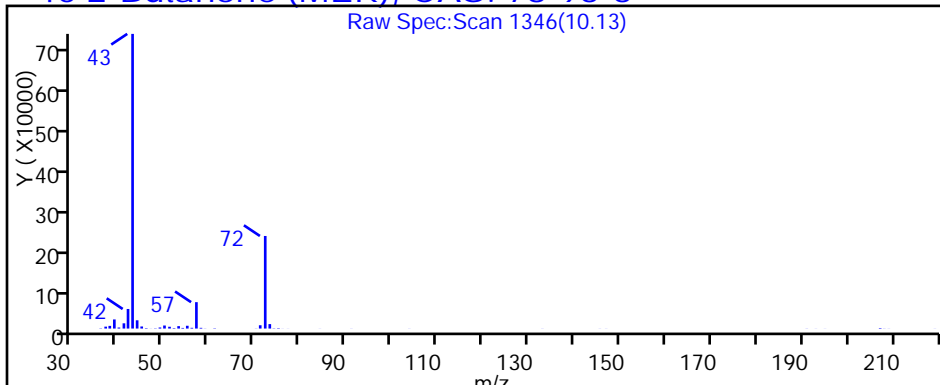
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

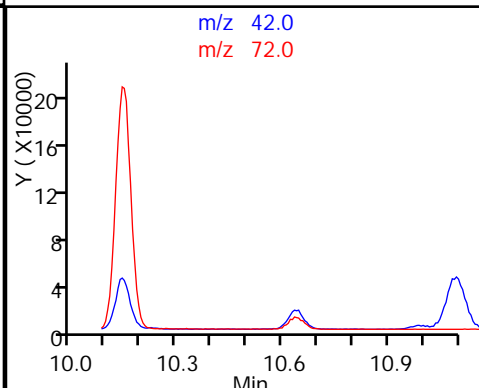
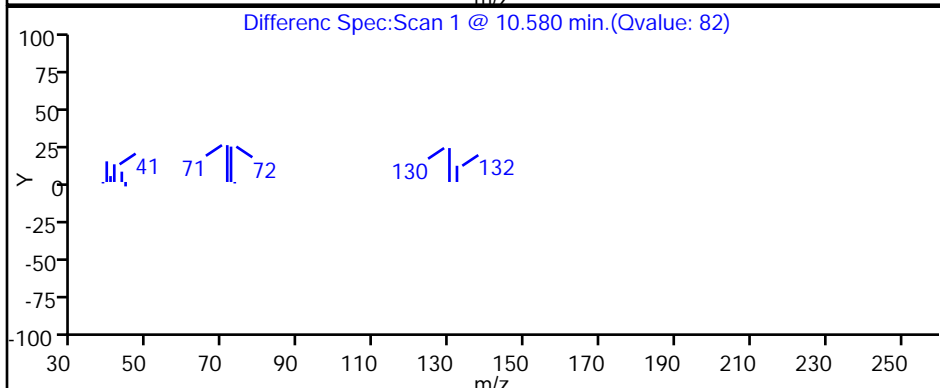
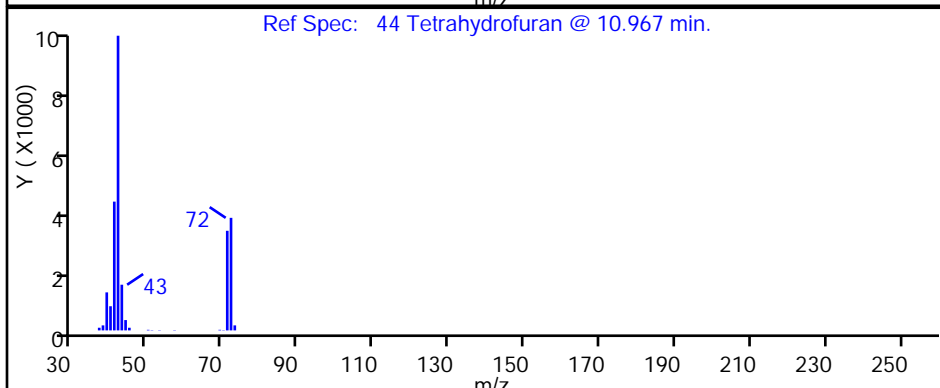
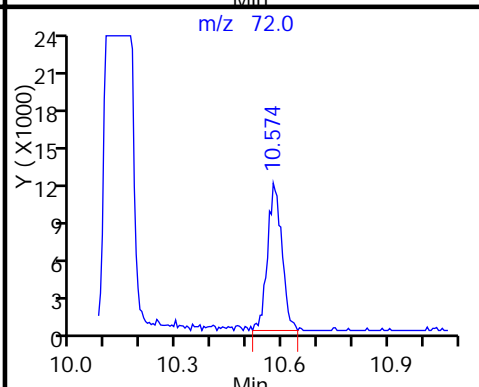
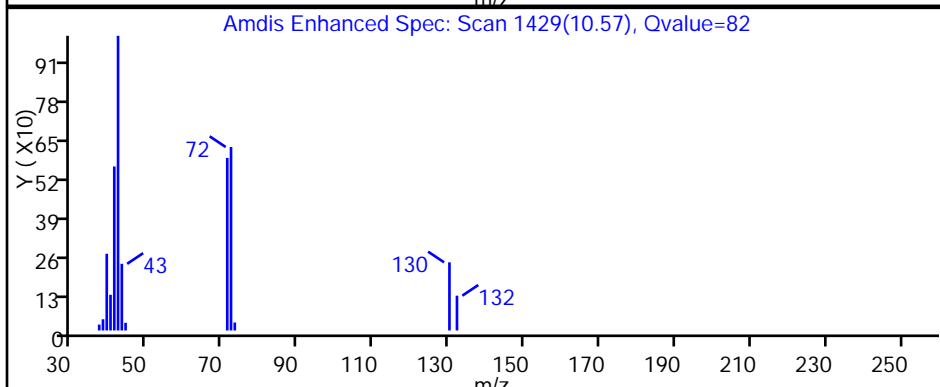
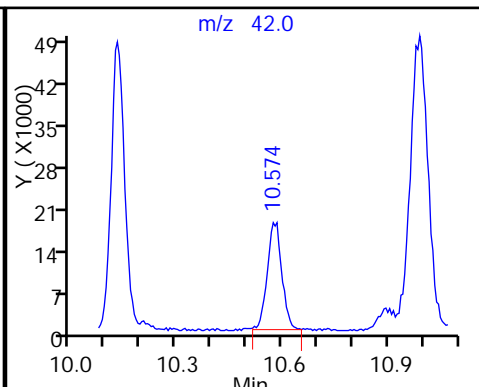
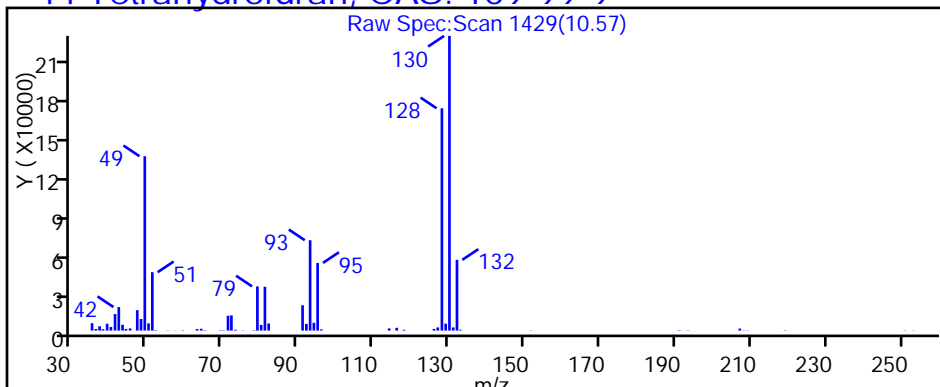
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

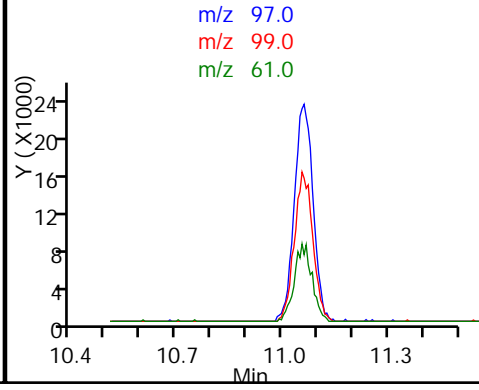
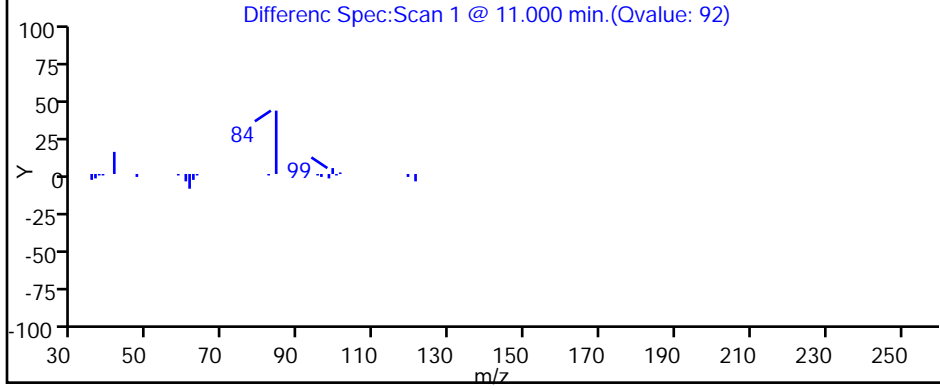
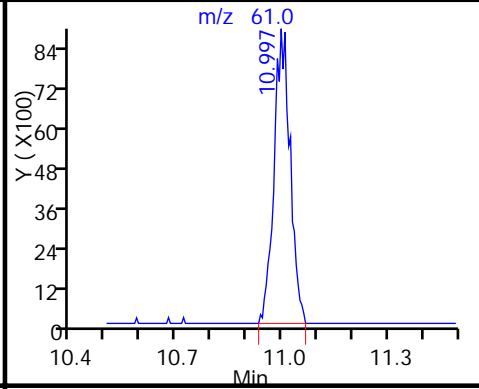
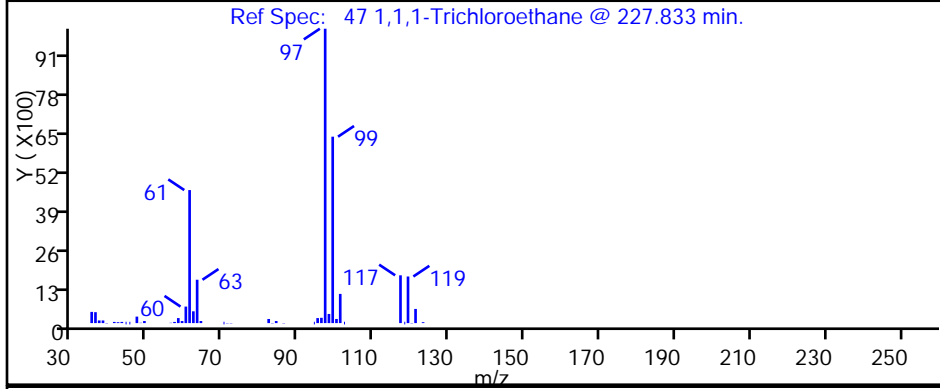
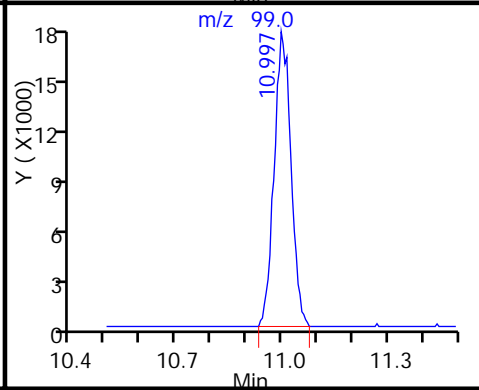
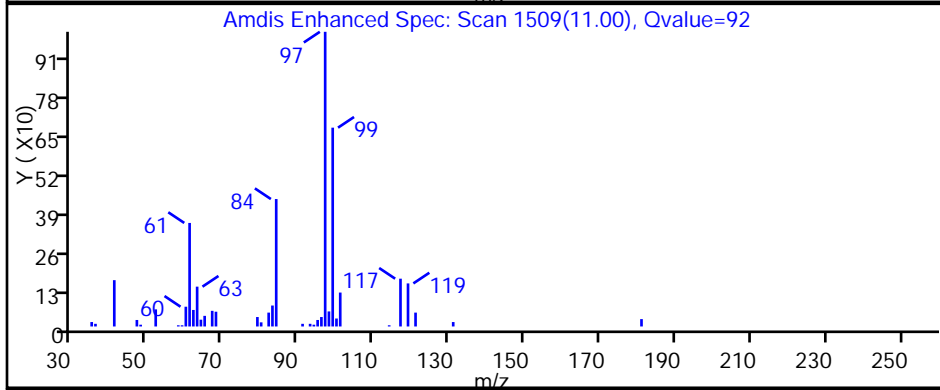
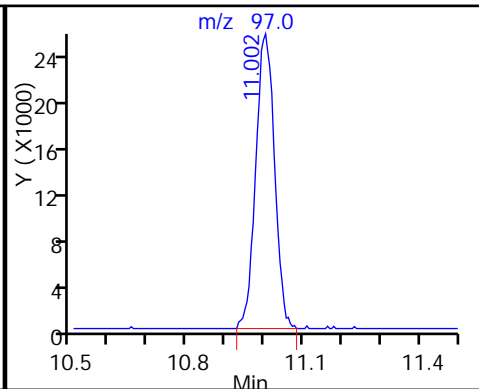
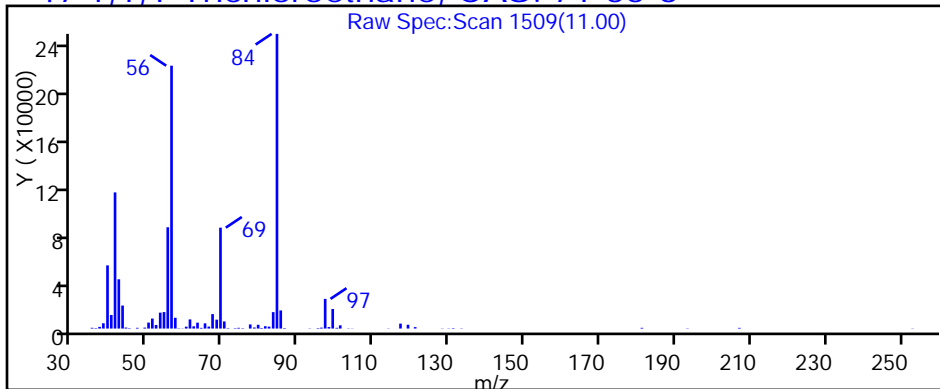
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

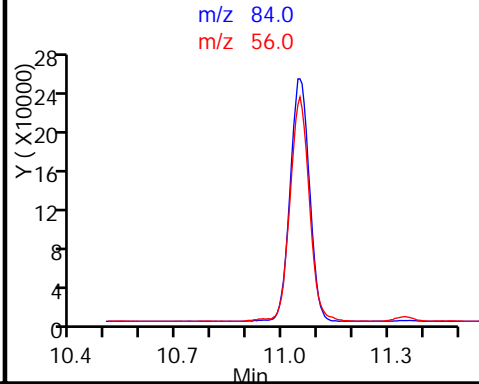
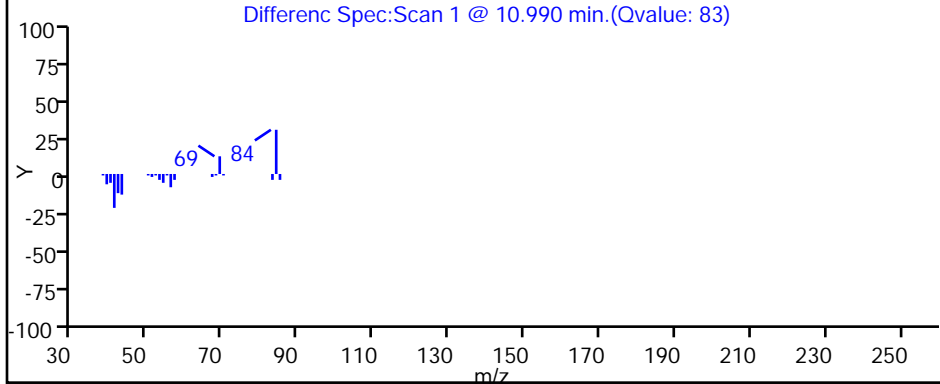
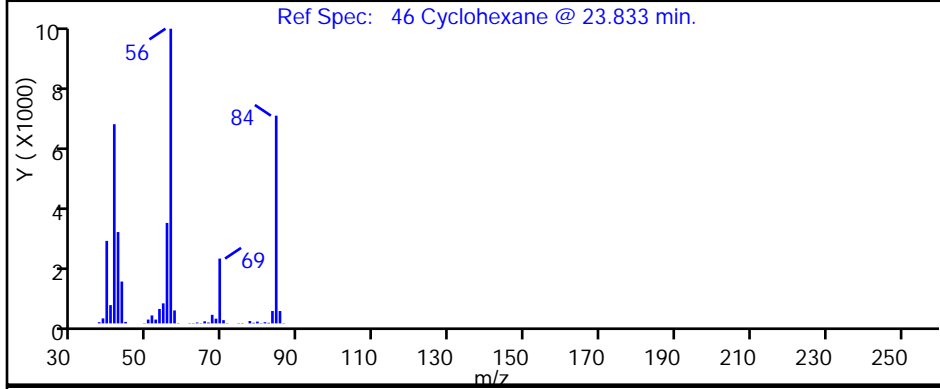
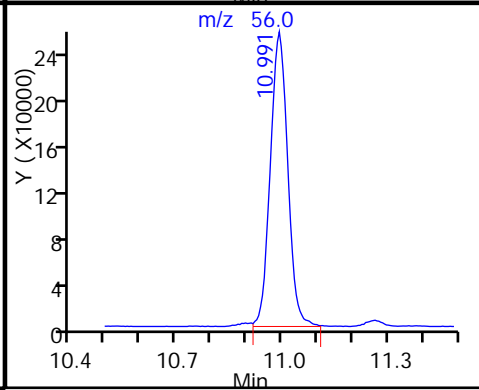
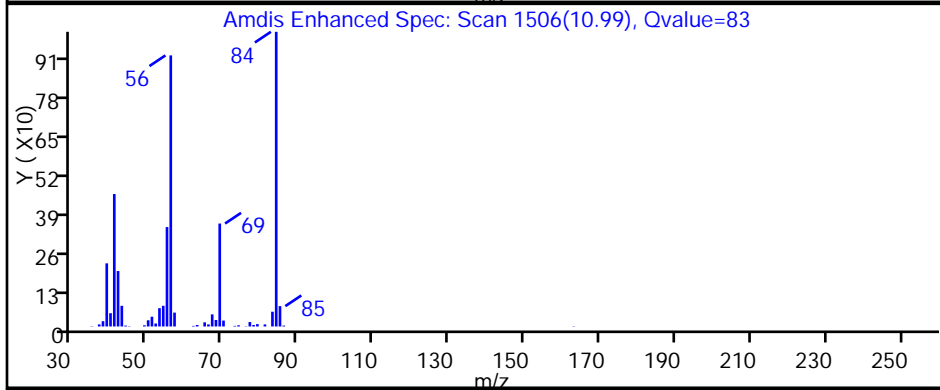
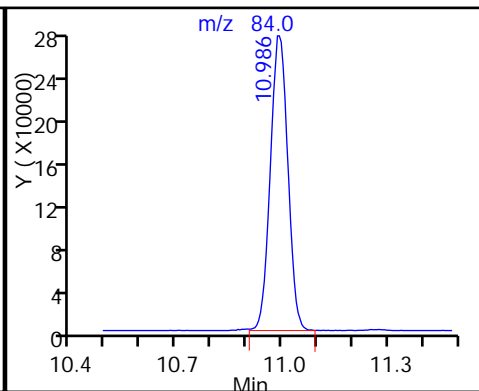
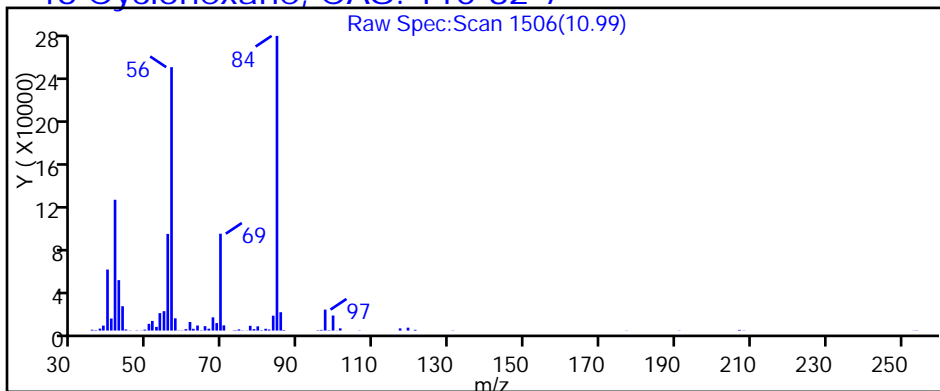
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

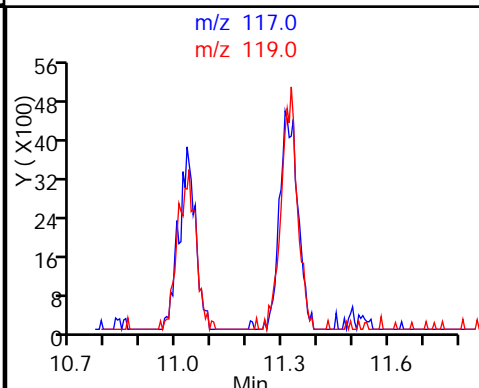
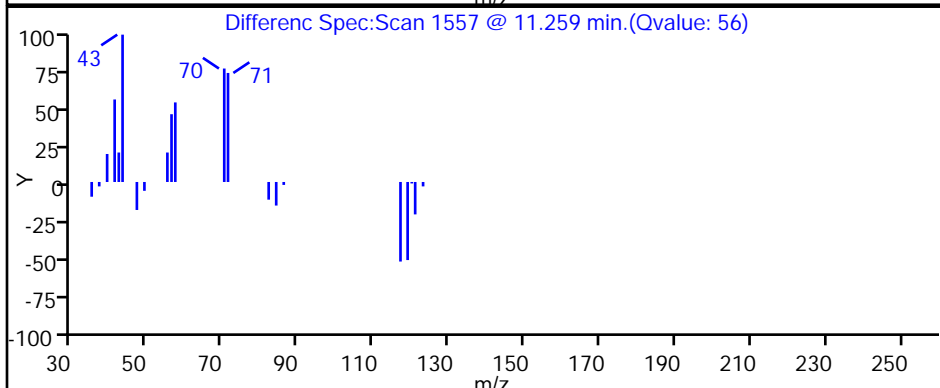
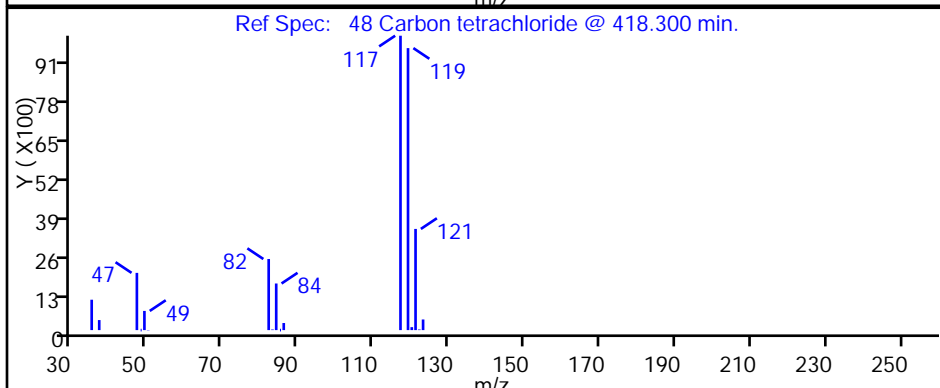
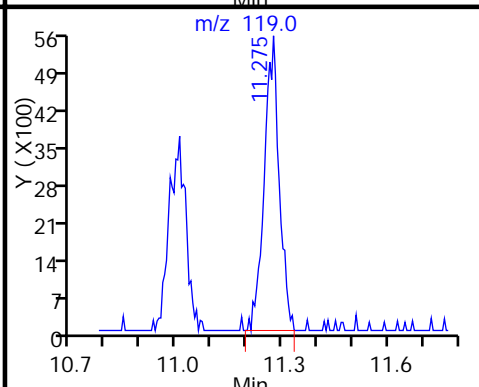
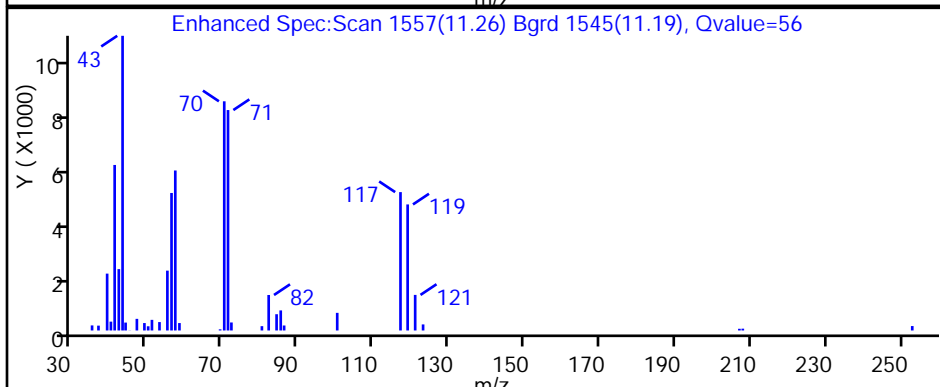
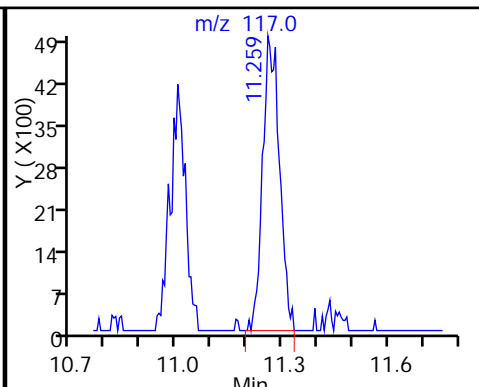
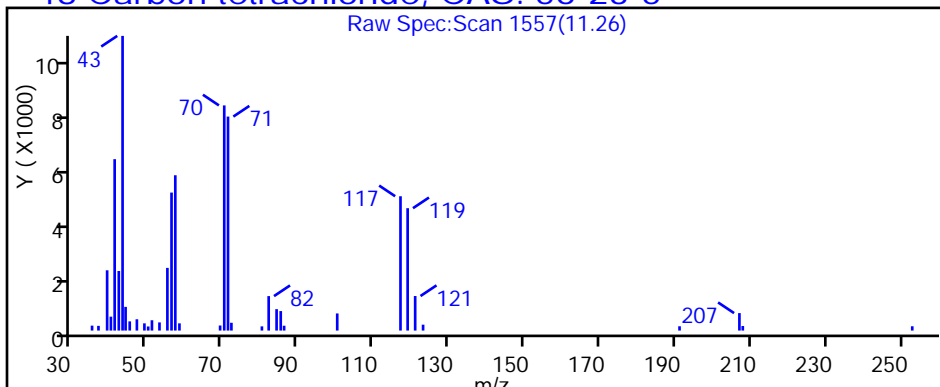
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

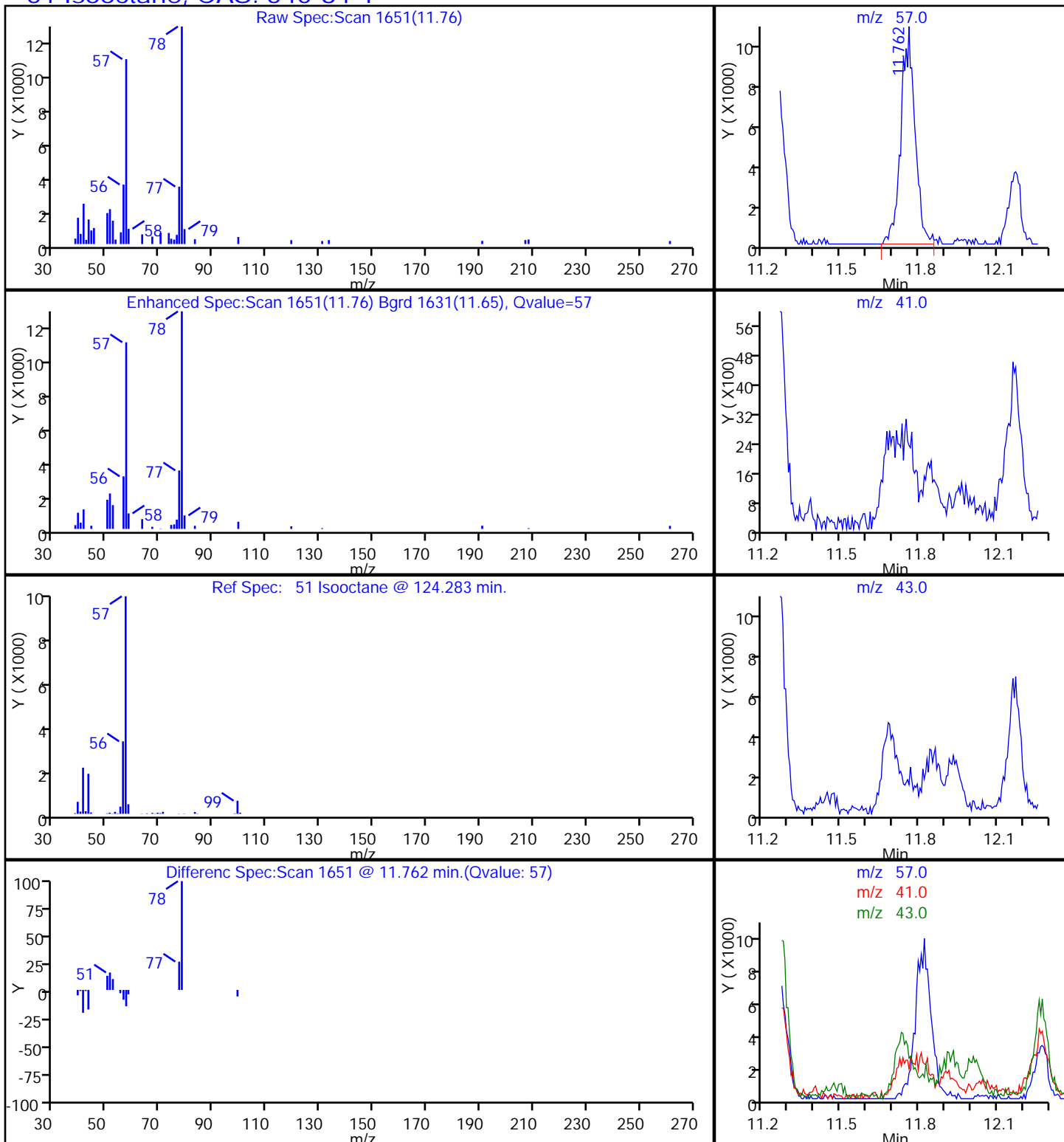
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

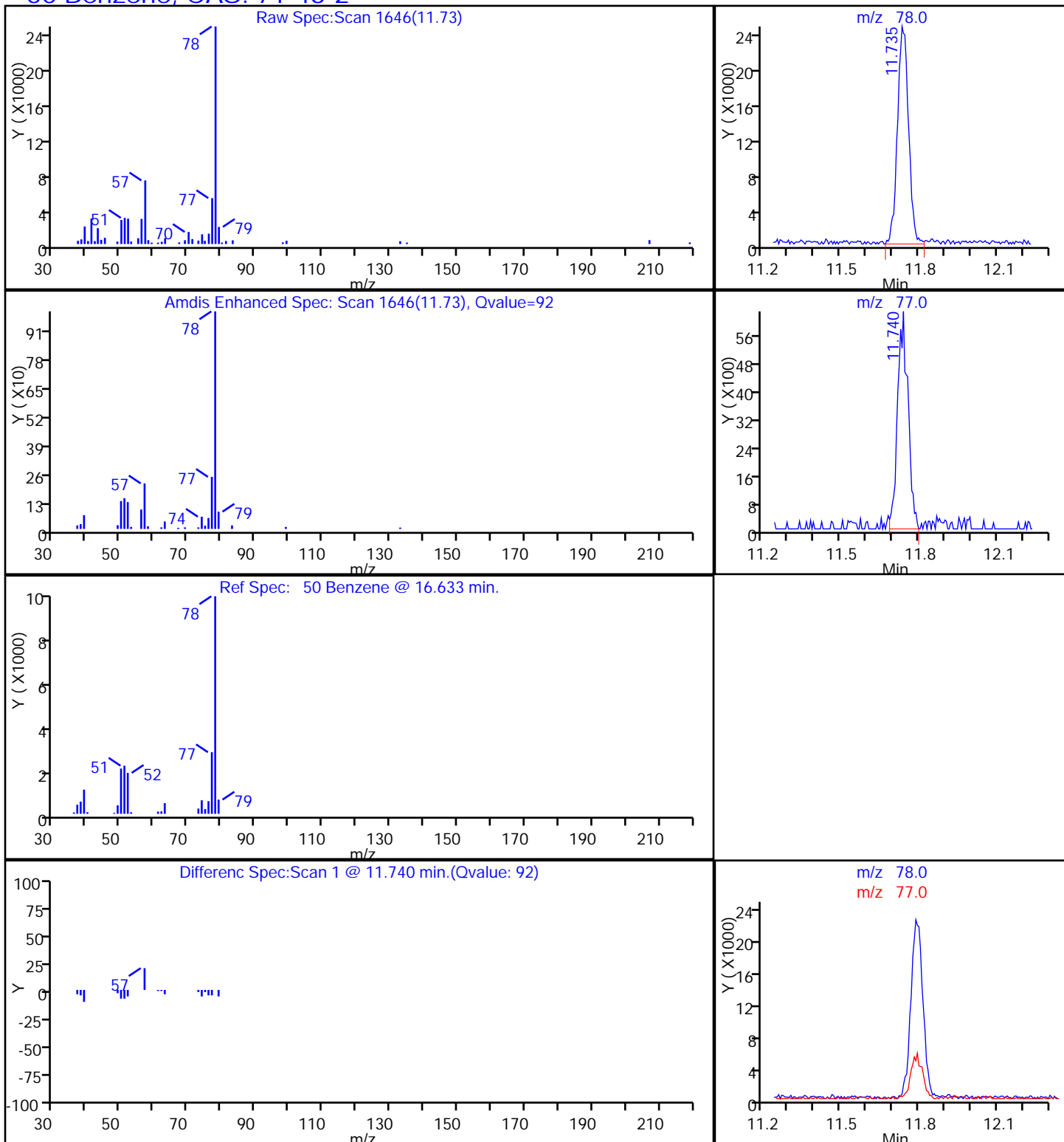
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

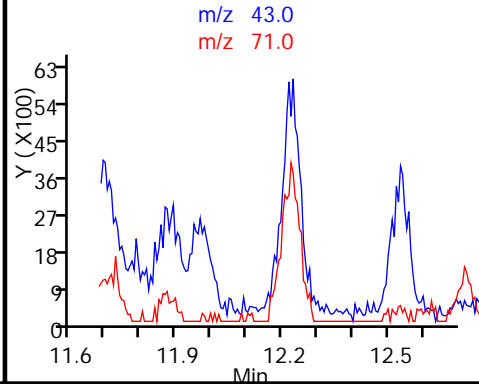
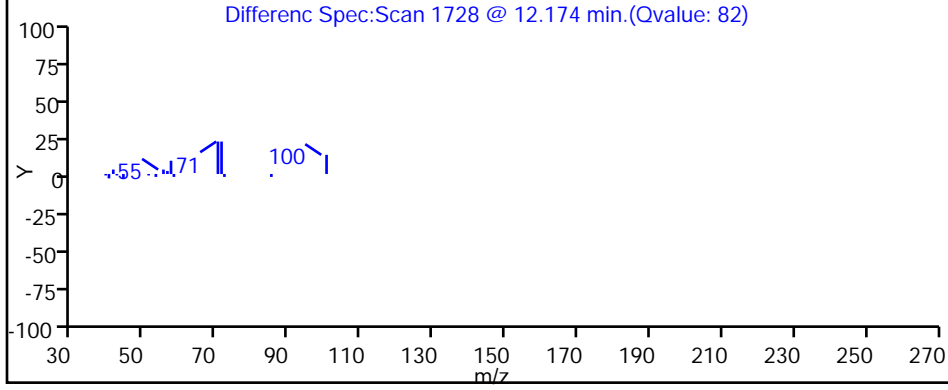
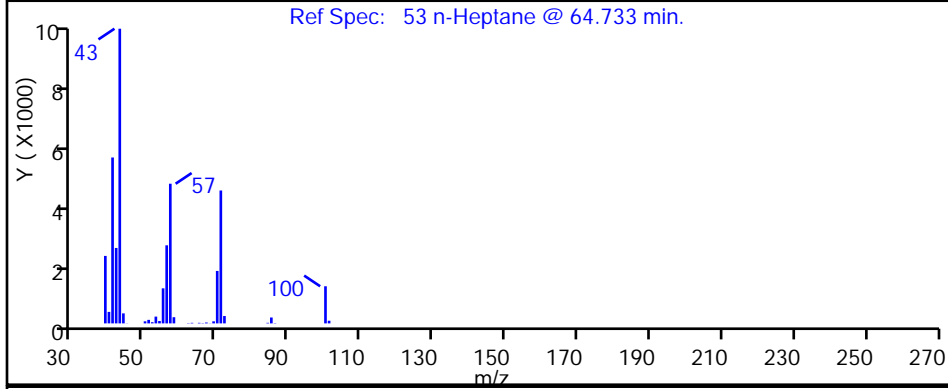
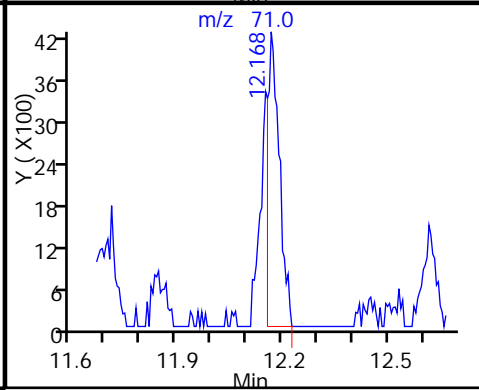
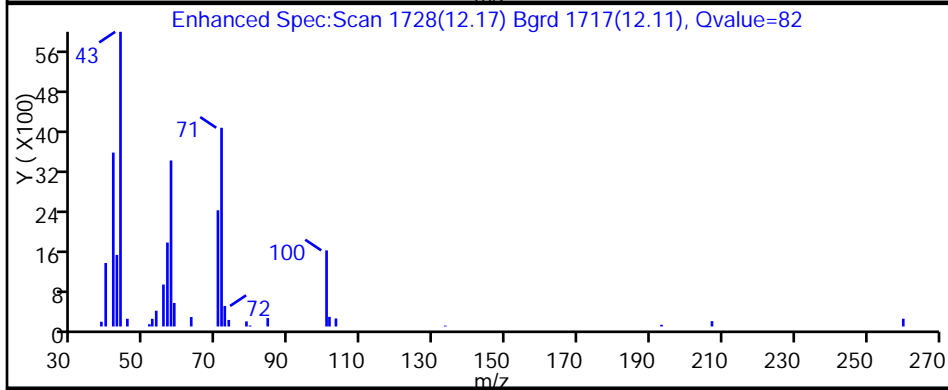
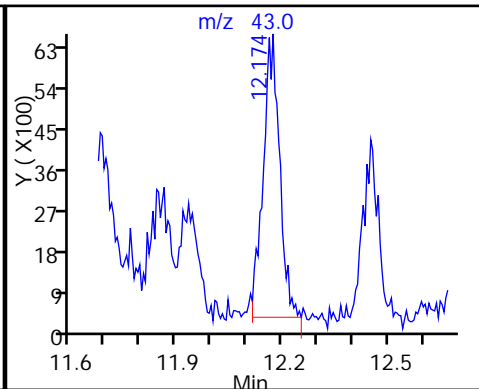
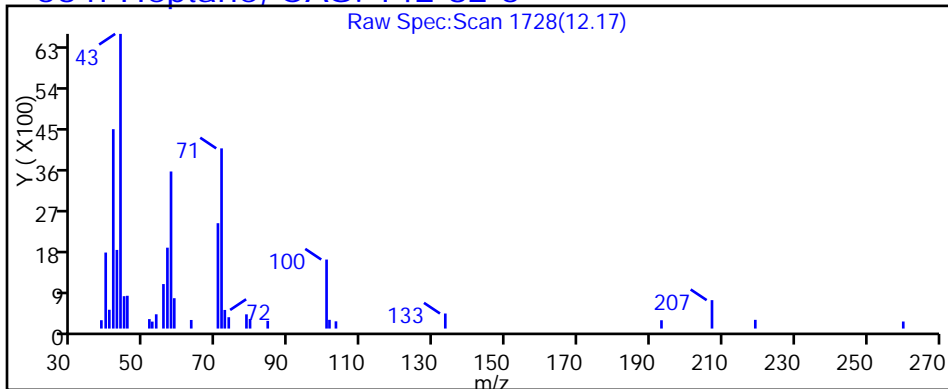
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

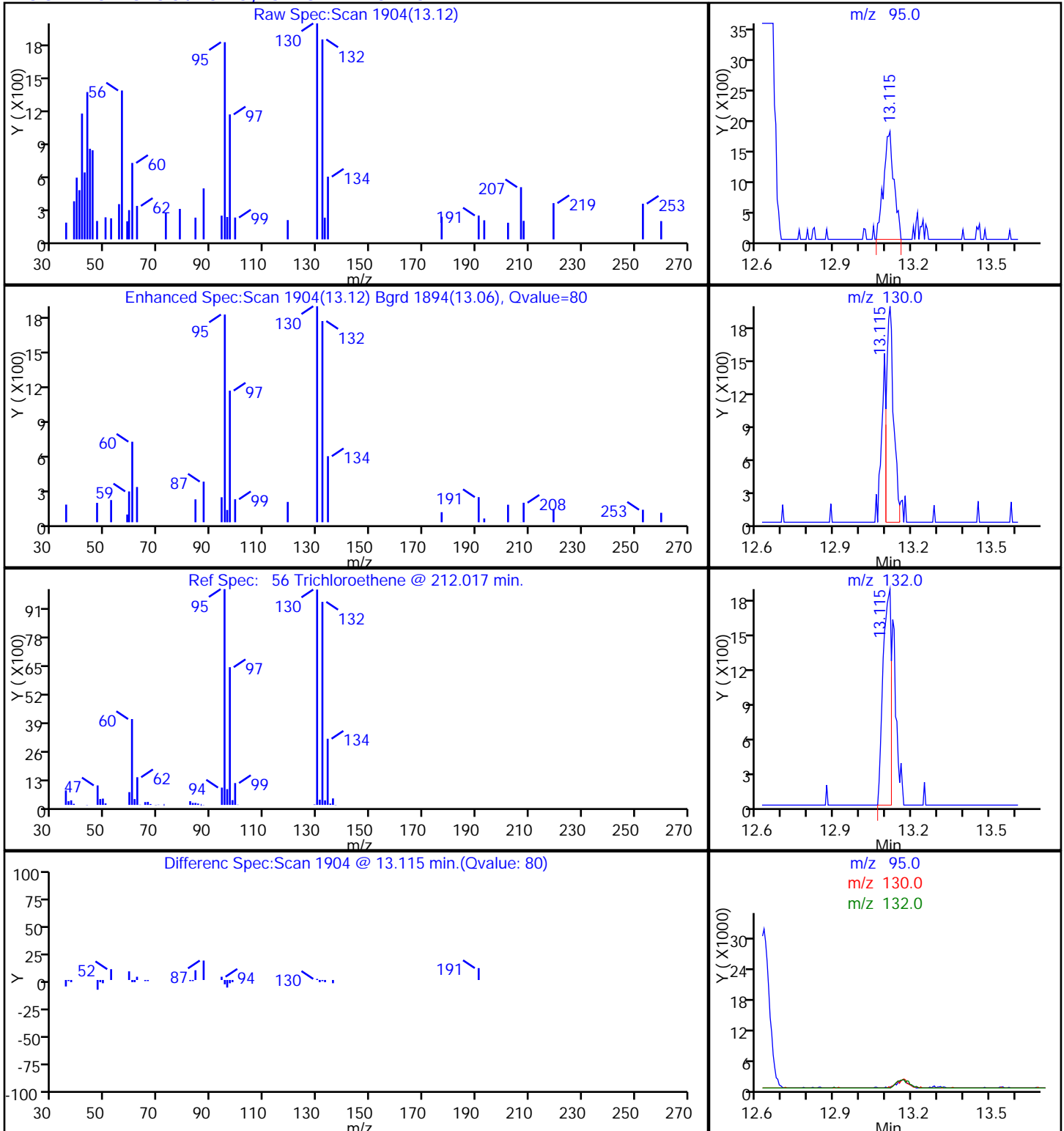
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

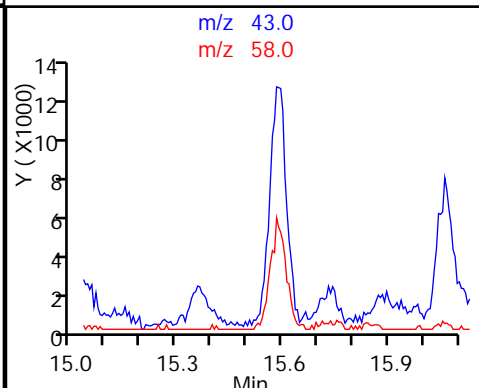
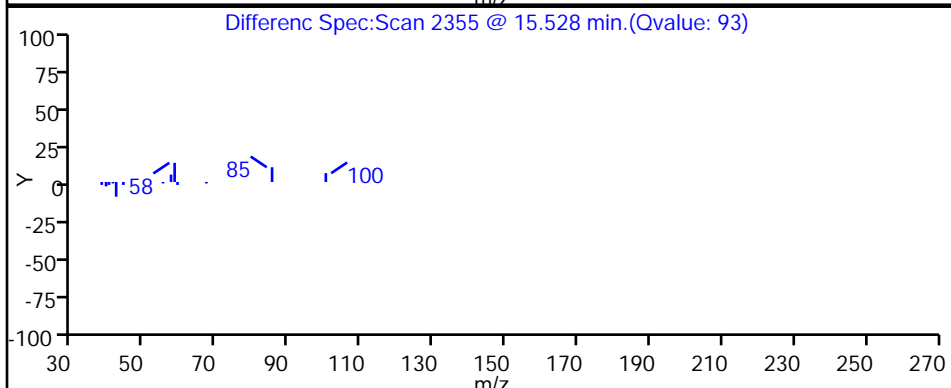
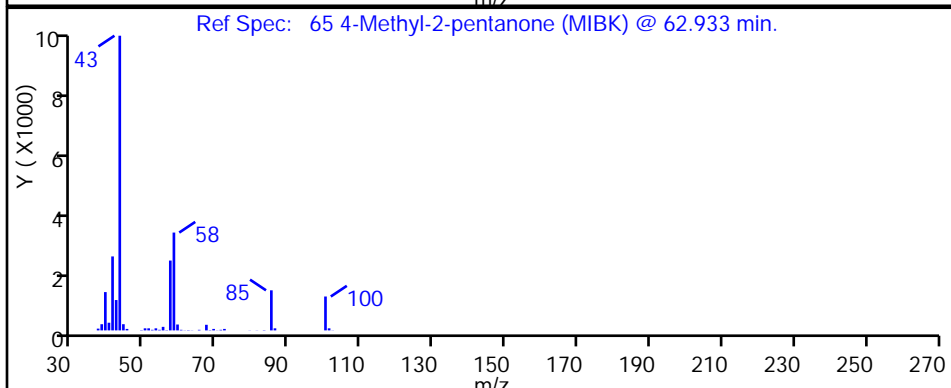
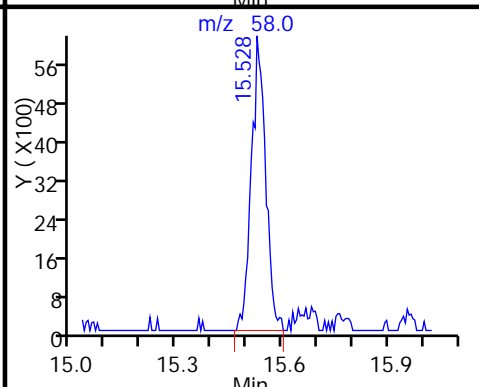
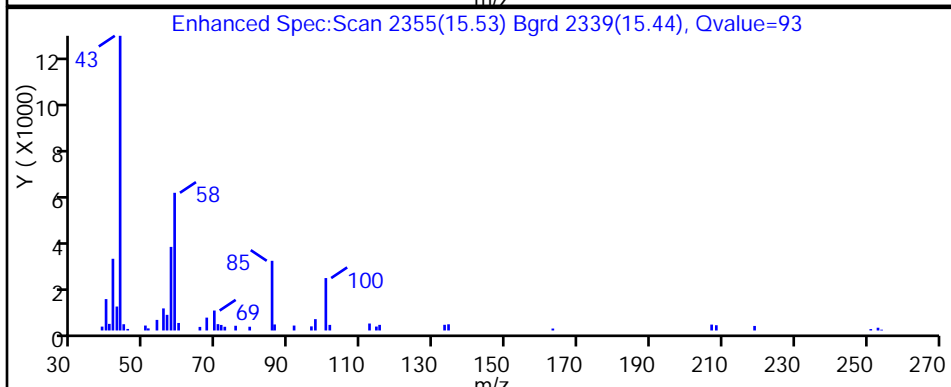
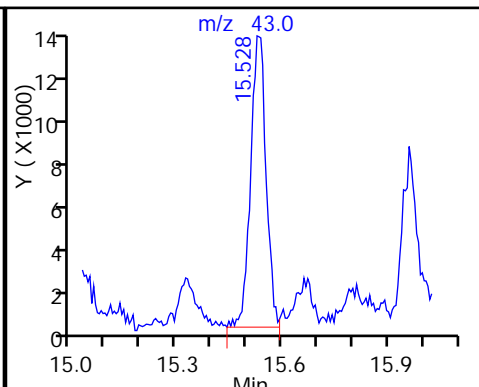
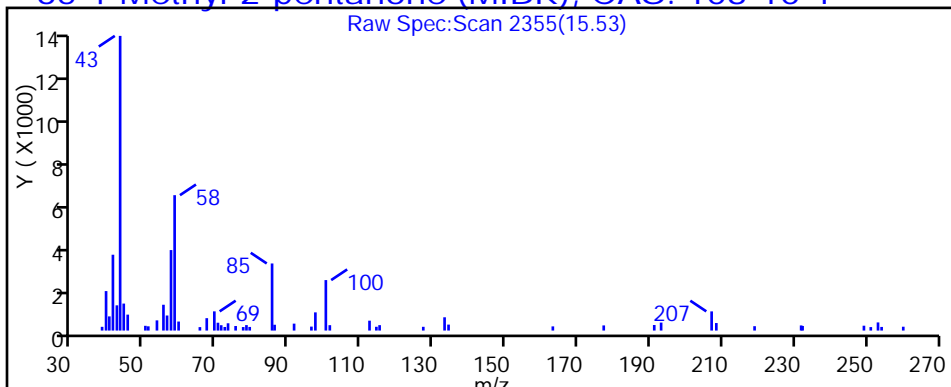
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

65 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

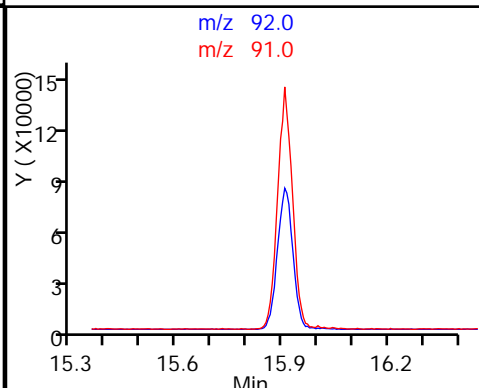
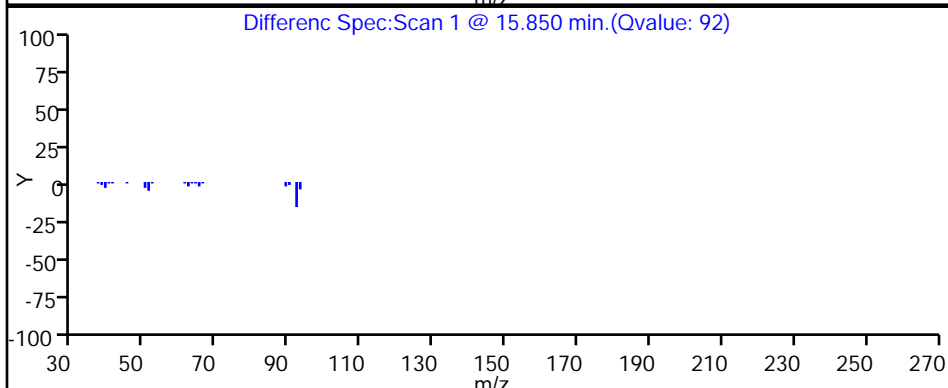
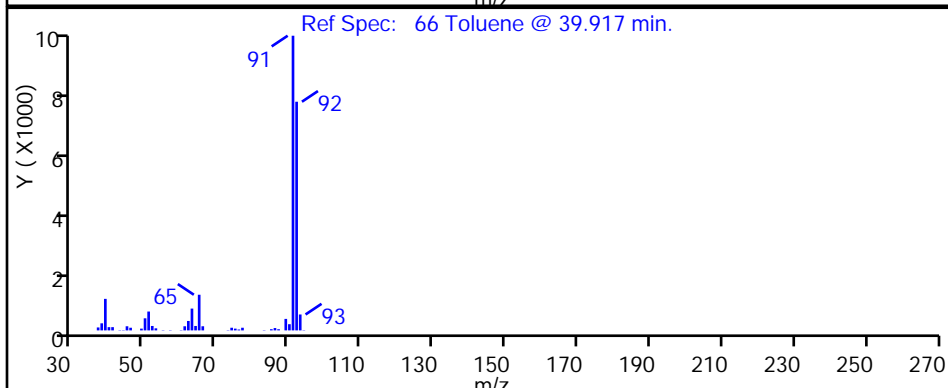
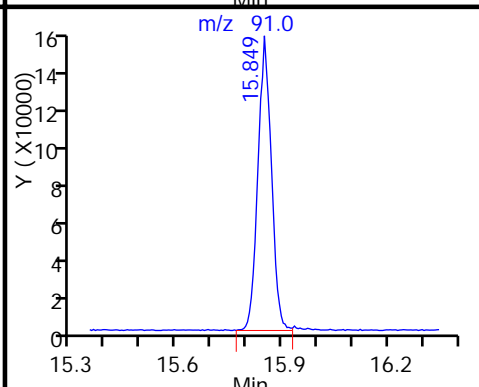
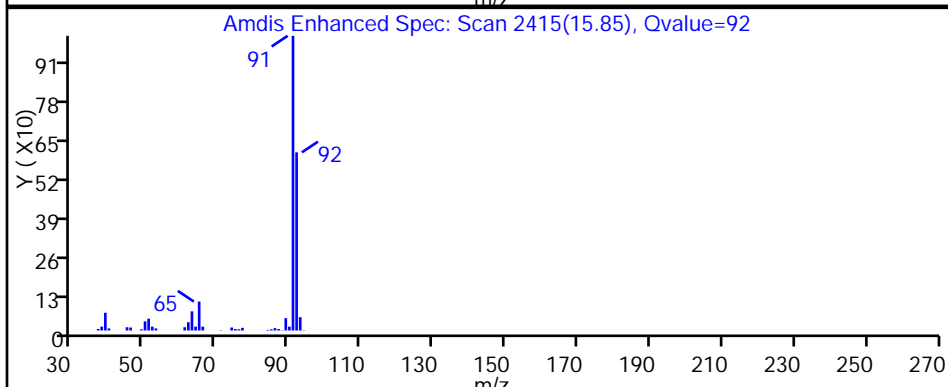
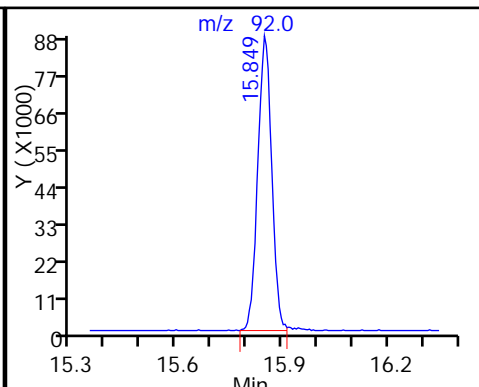
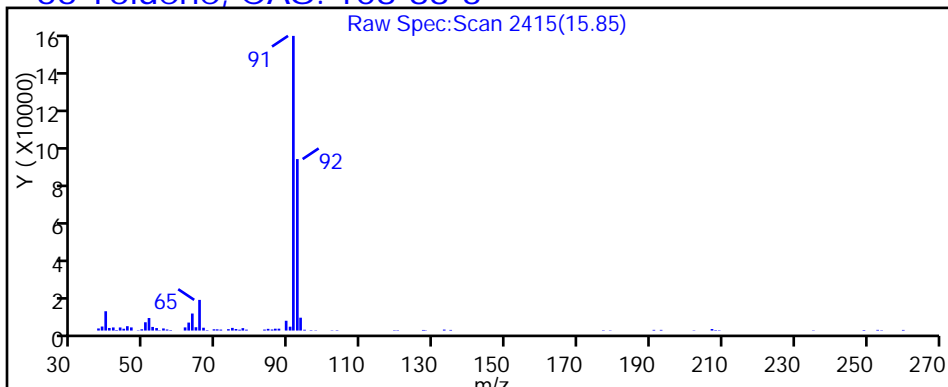
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

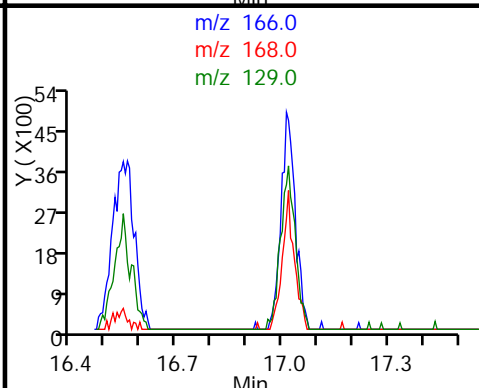
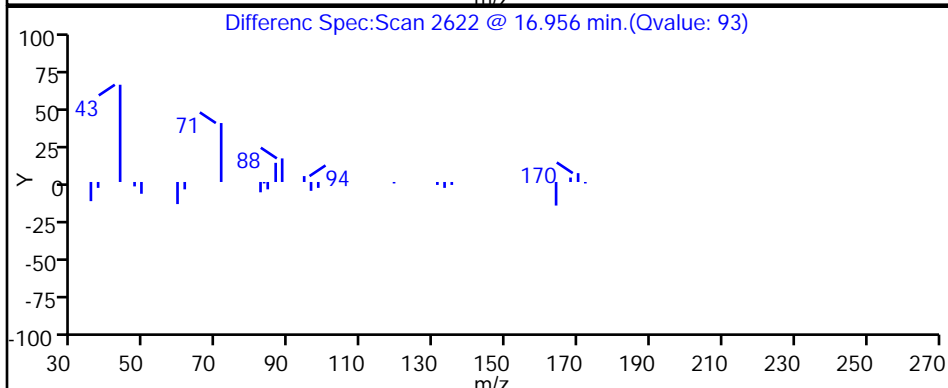
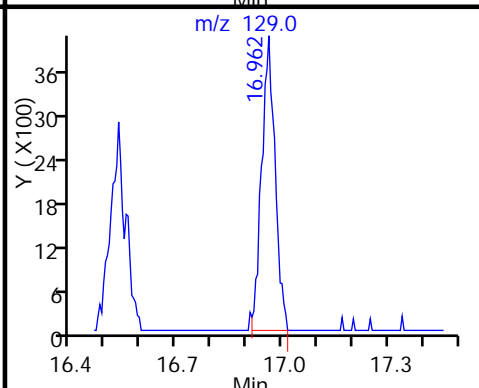
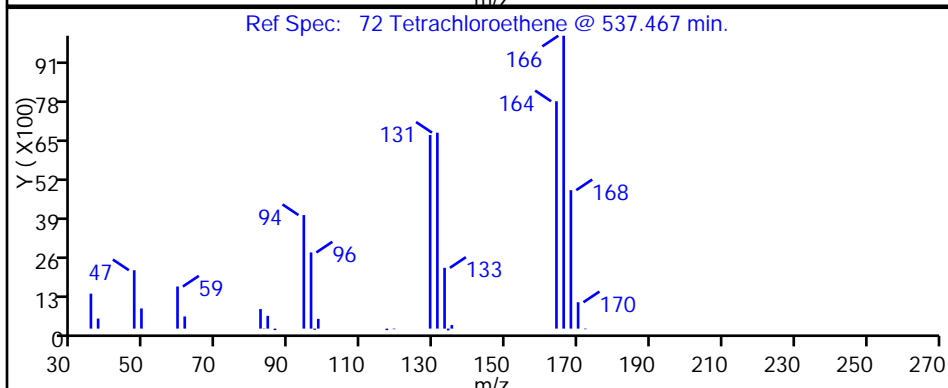
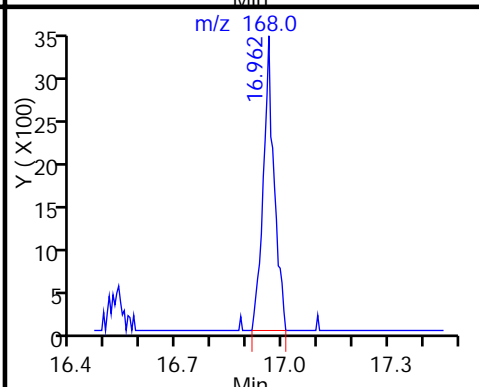
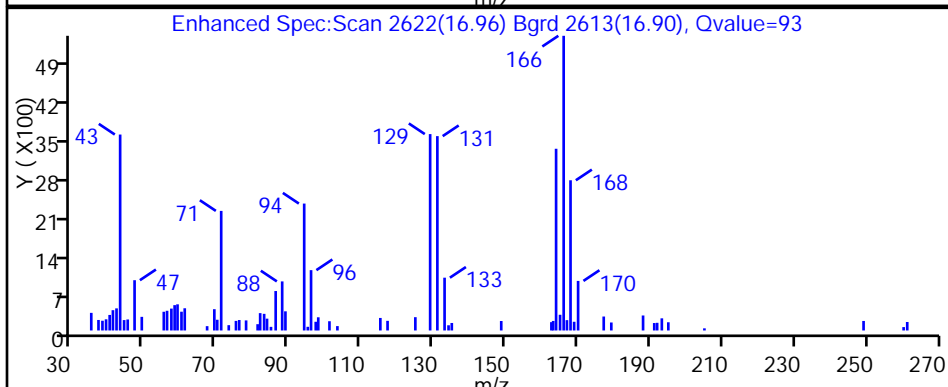
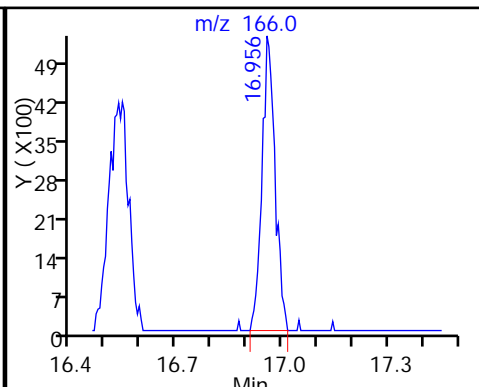
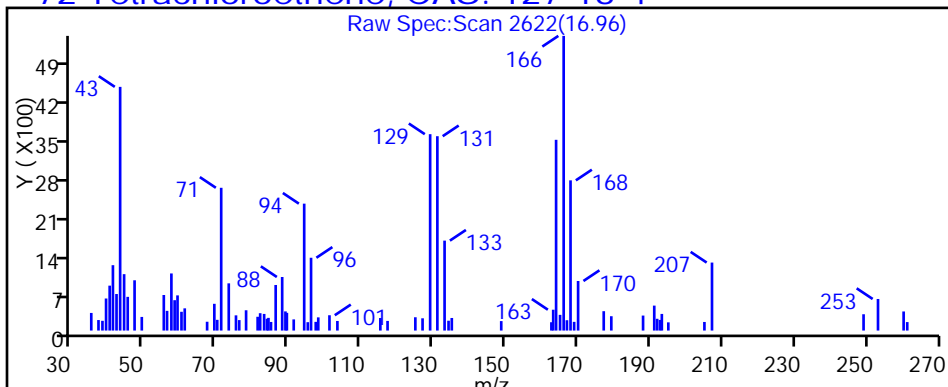
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

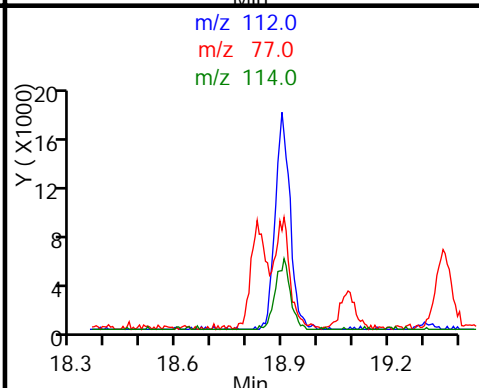
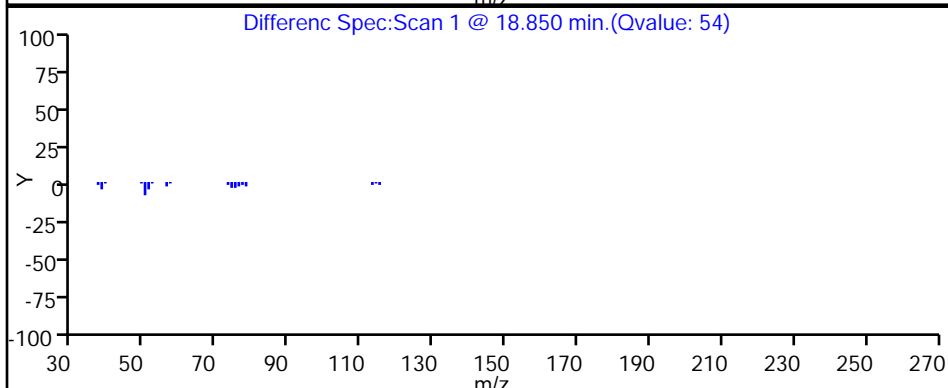
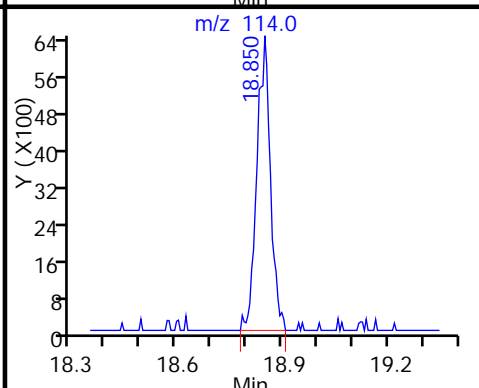
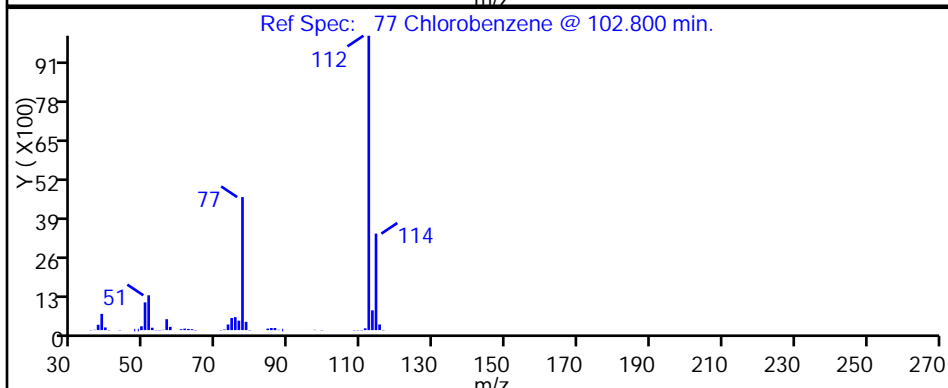
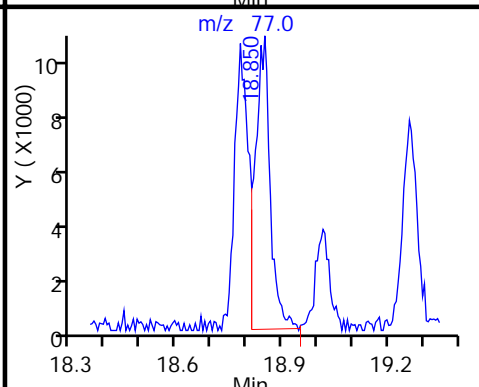
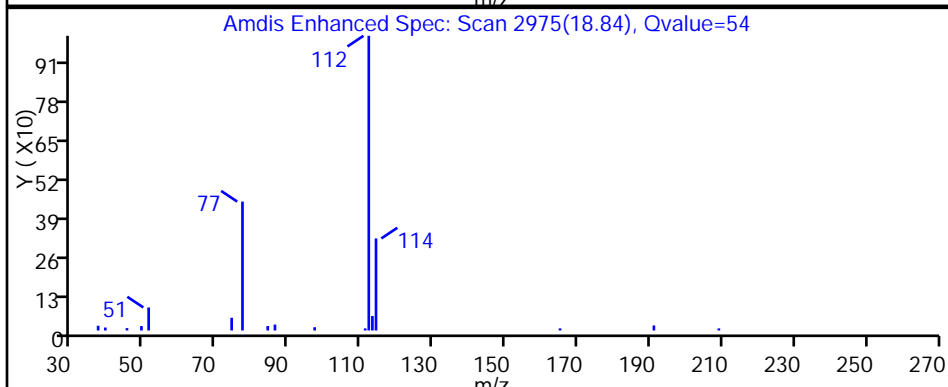
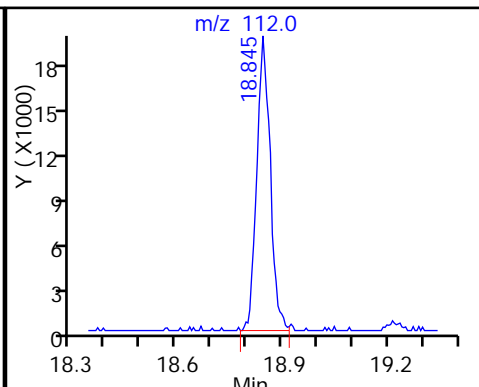
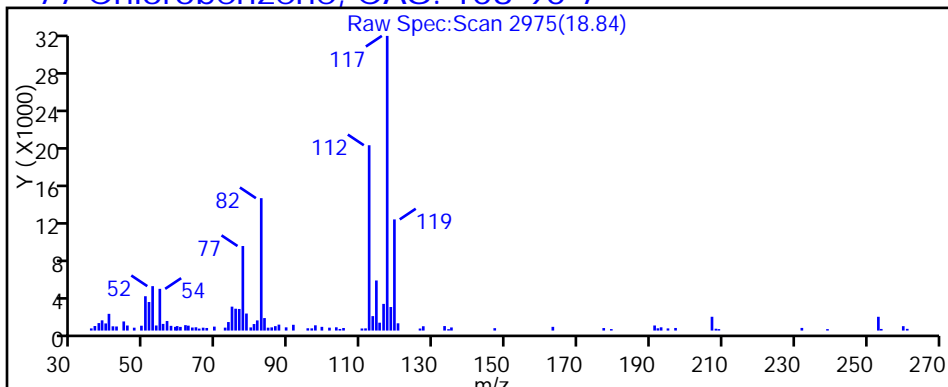
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

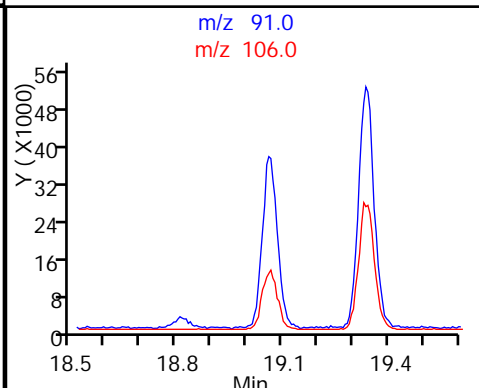
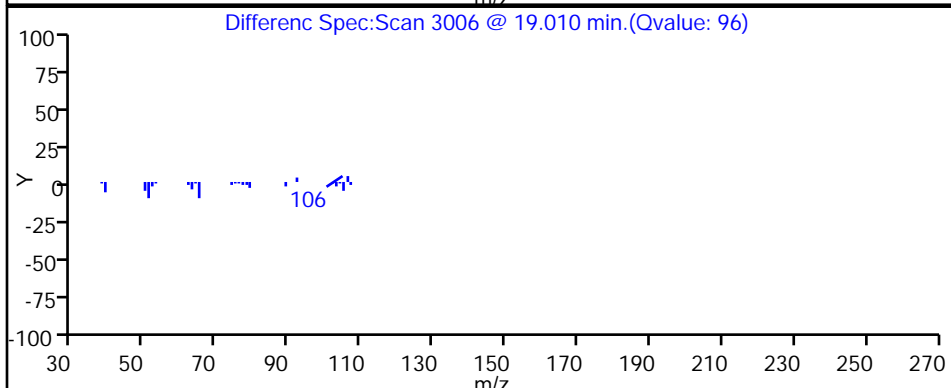
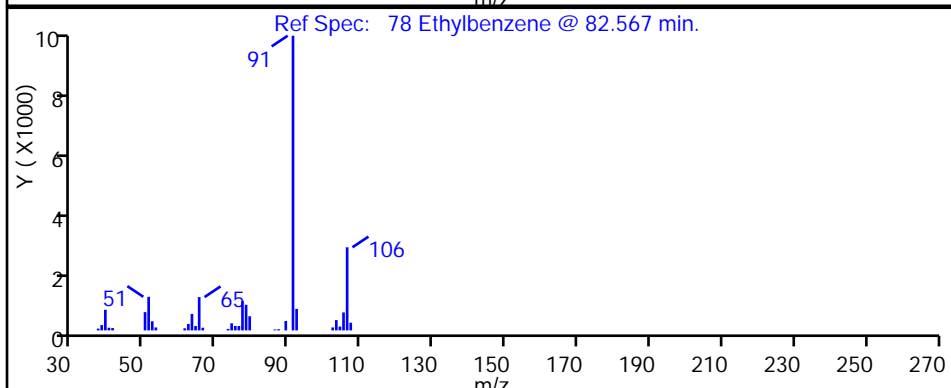
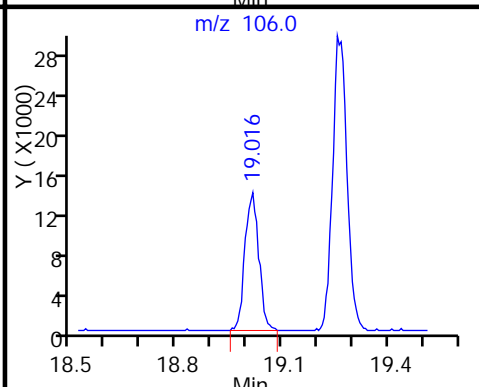
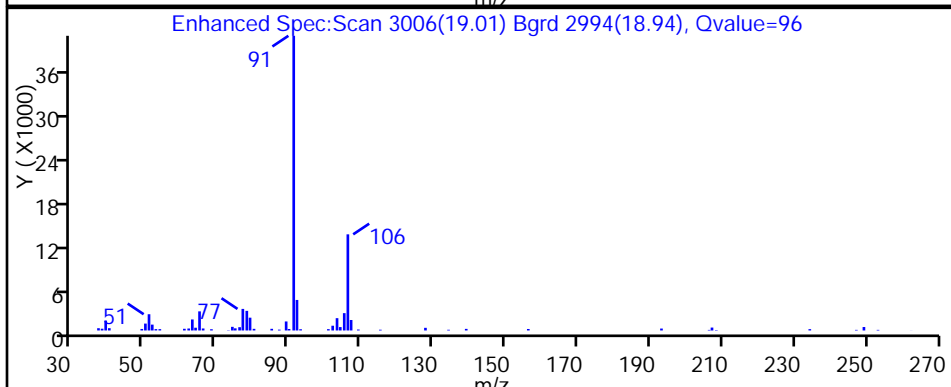
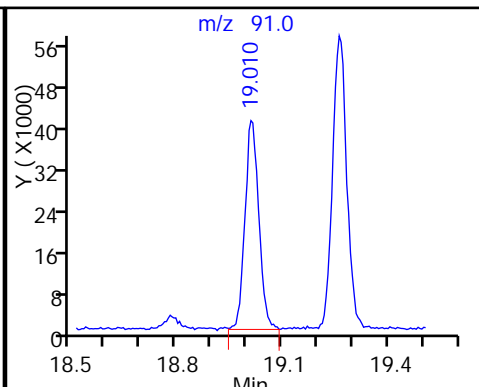
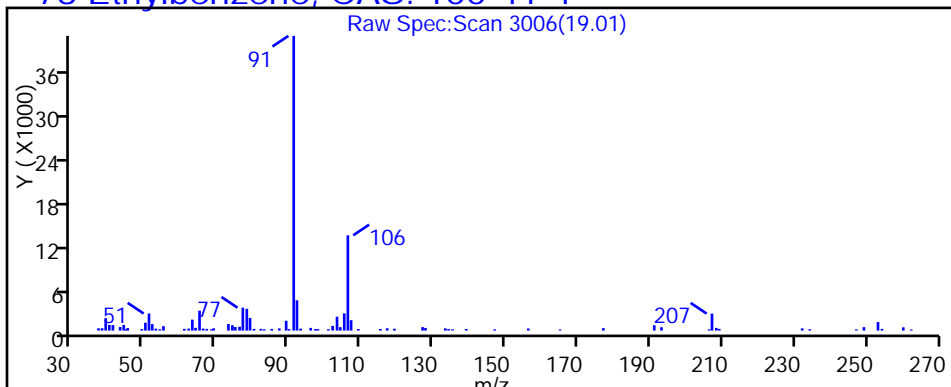
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

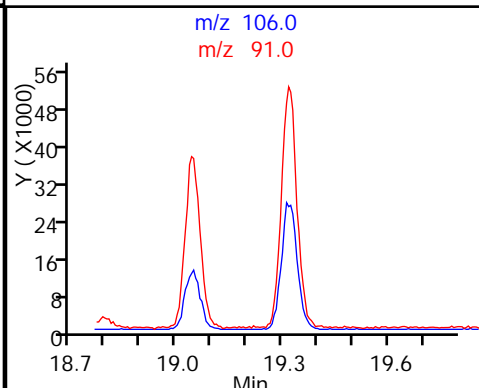
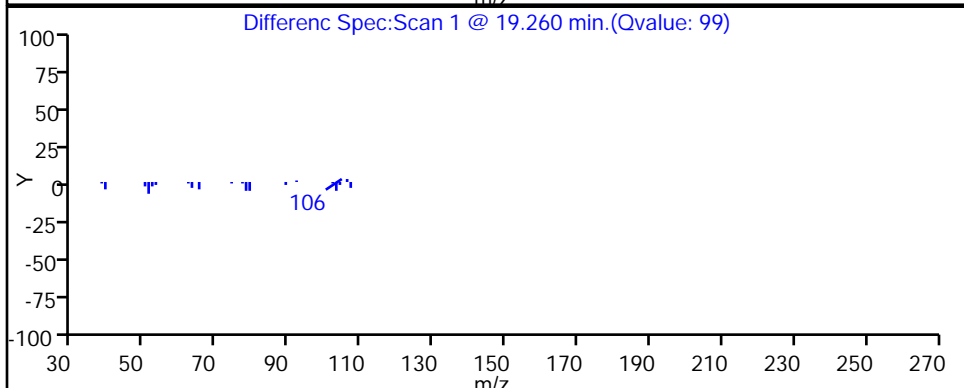
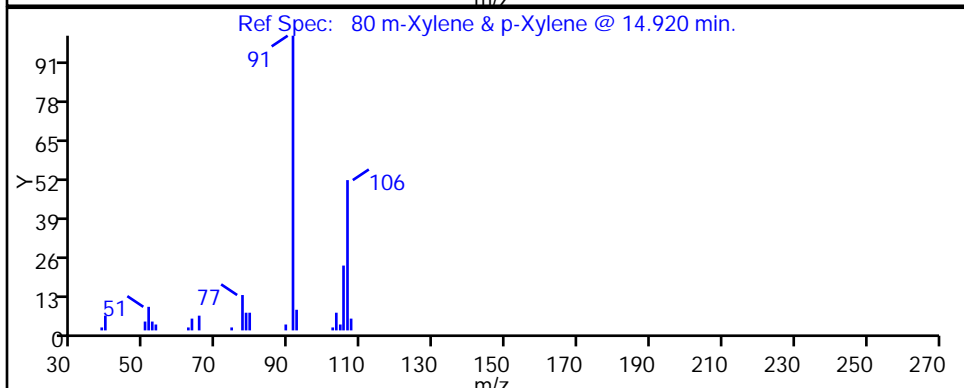
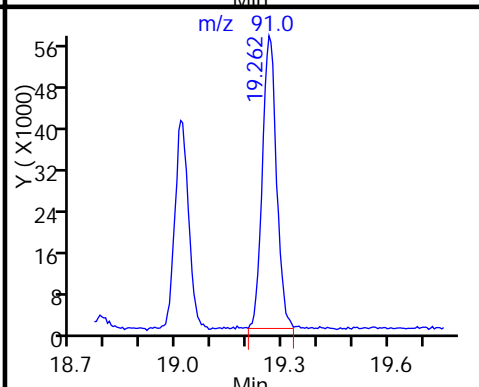
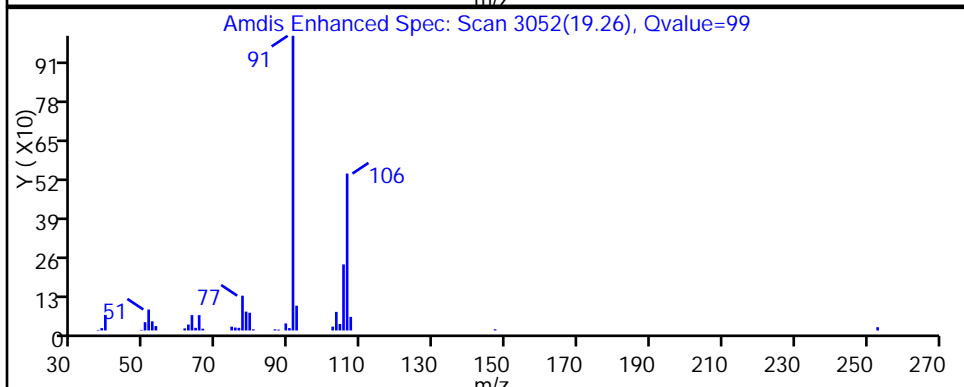
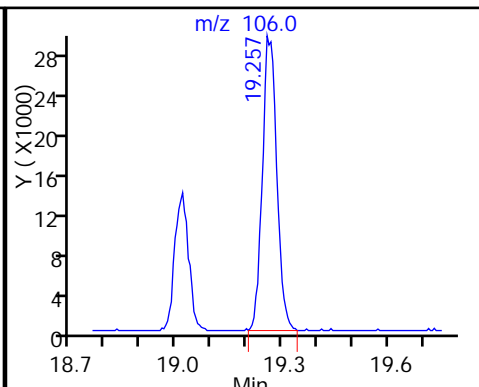
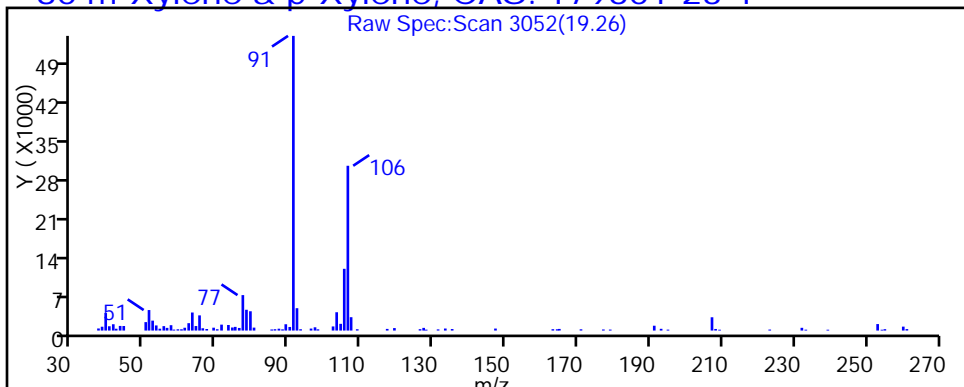
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

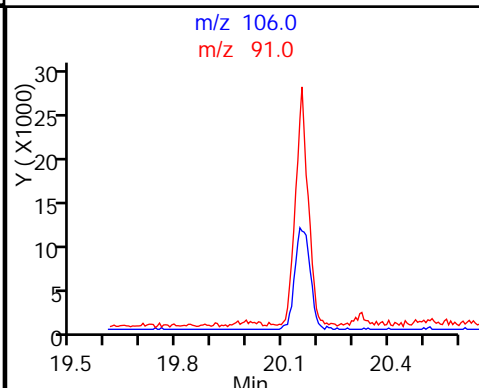
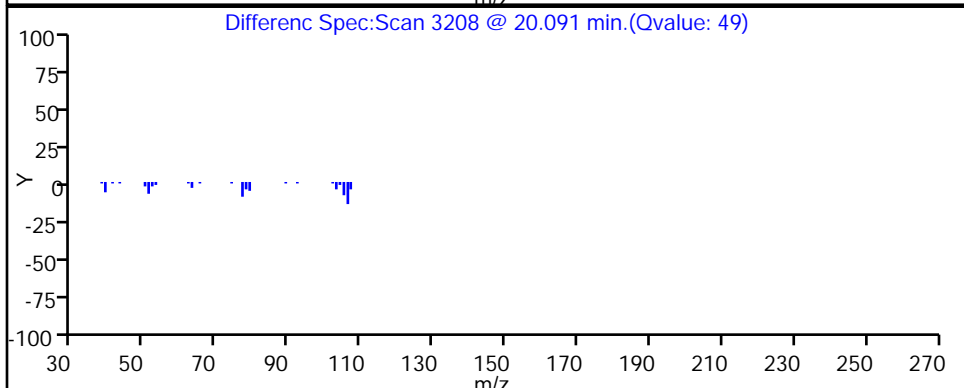
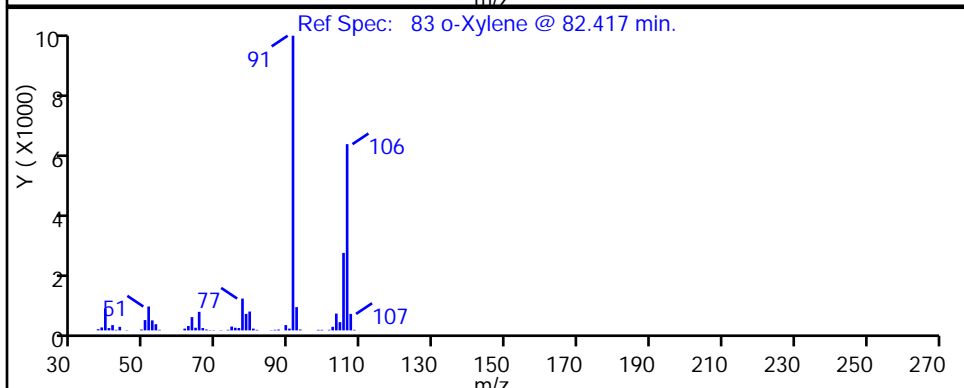
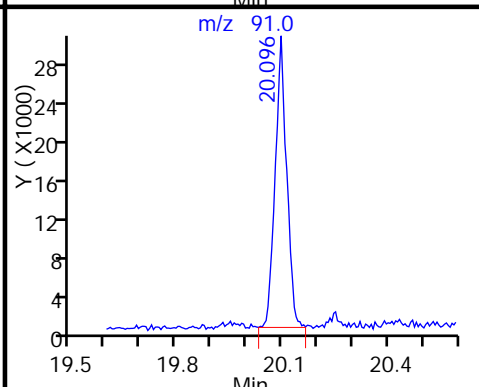
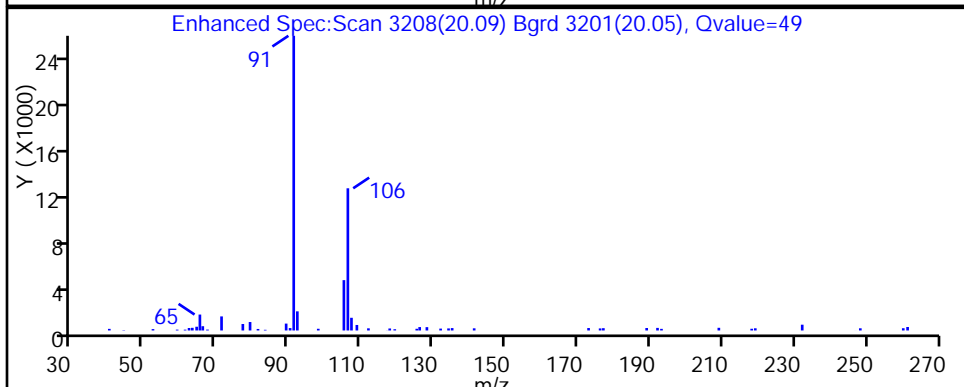
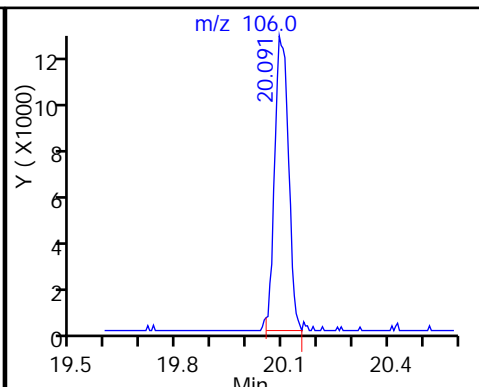
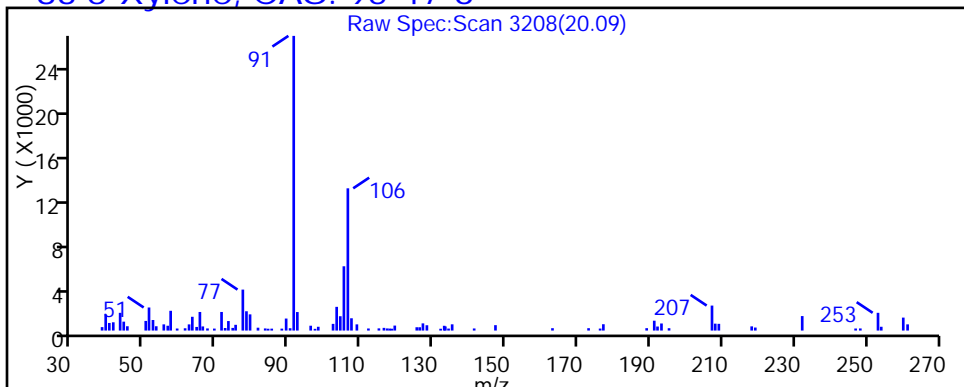
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

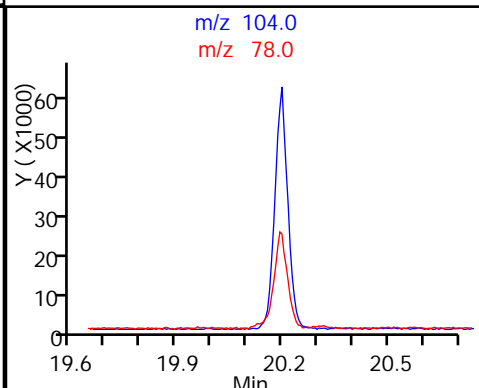
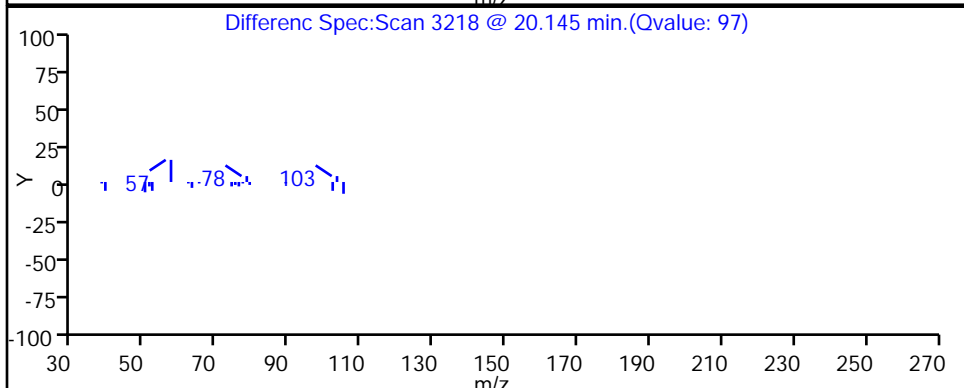
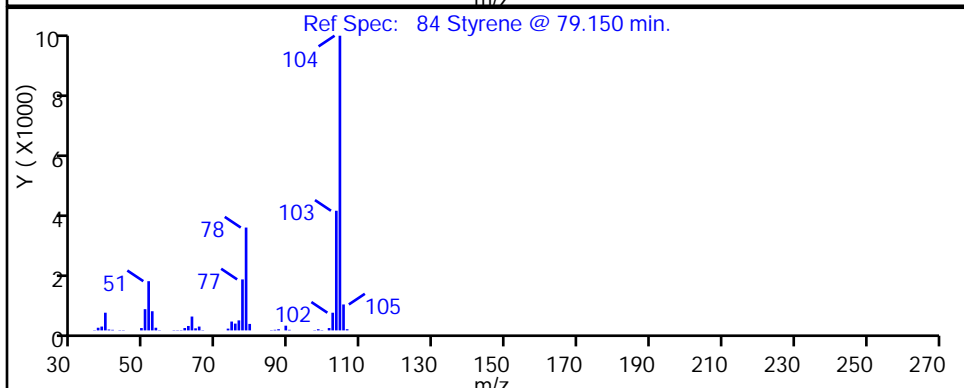
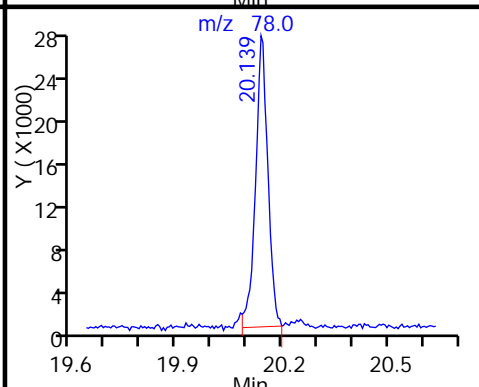
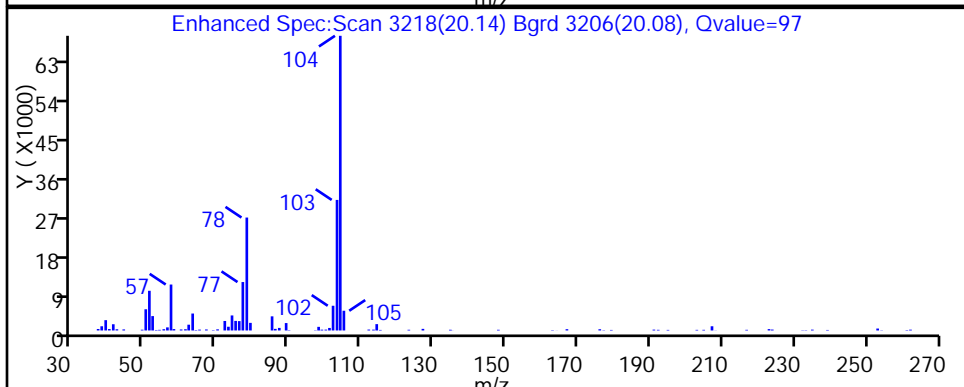
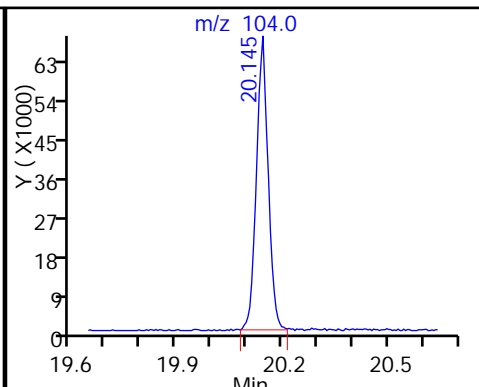
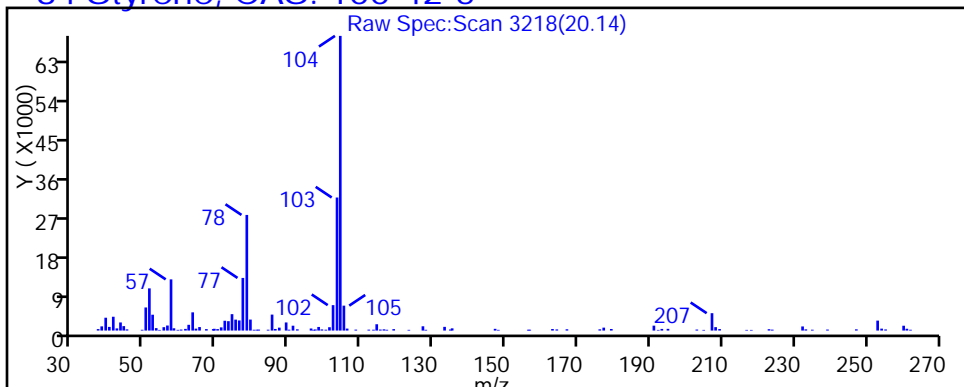
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

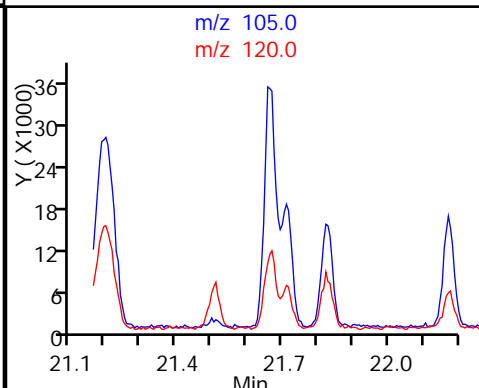
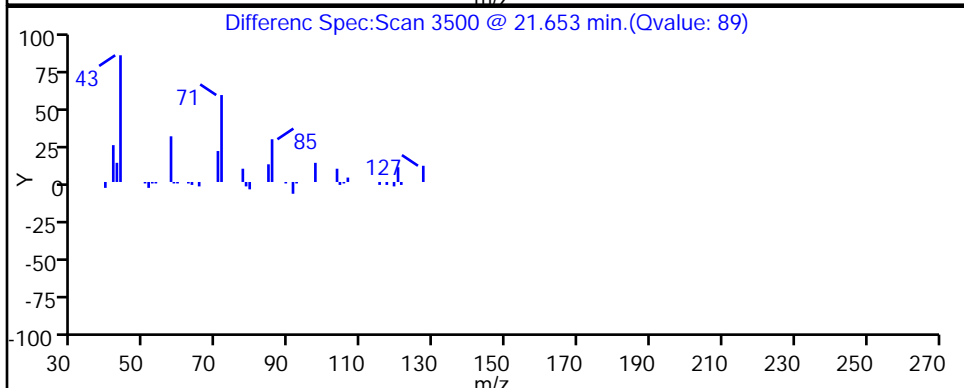
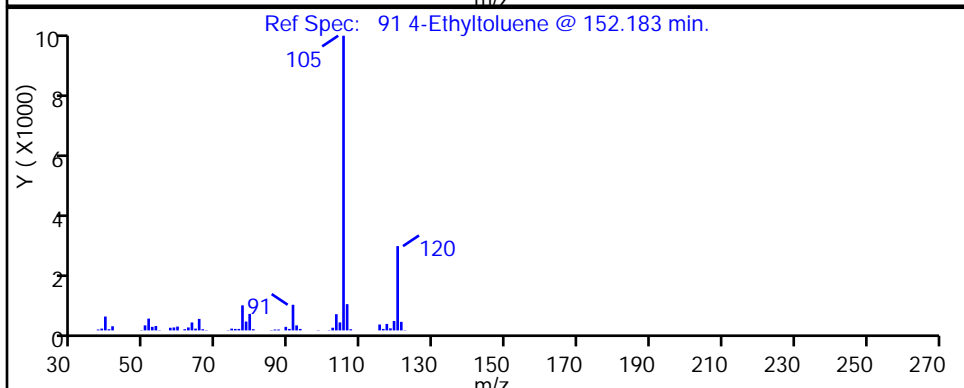
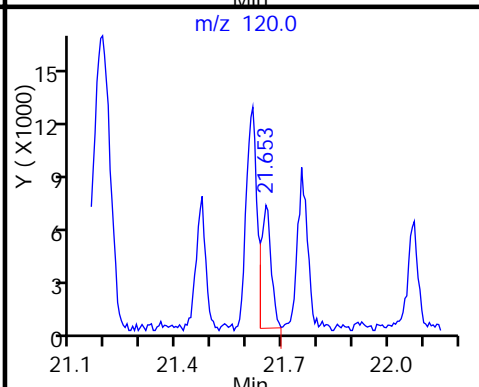
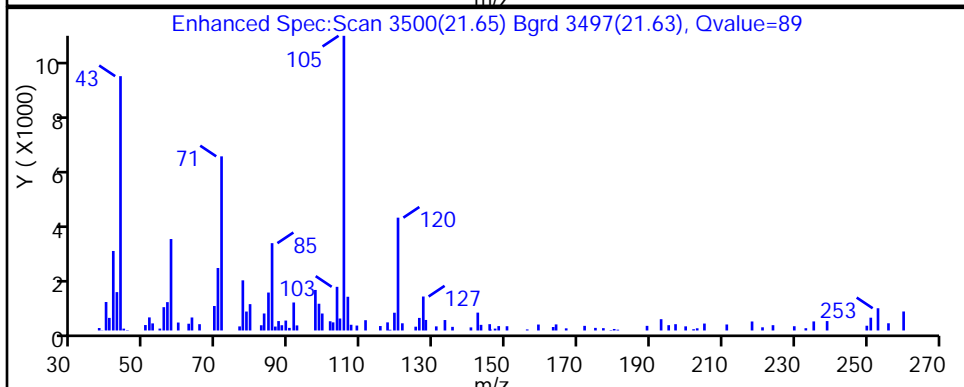
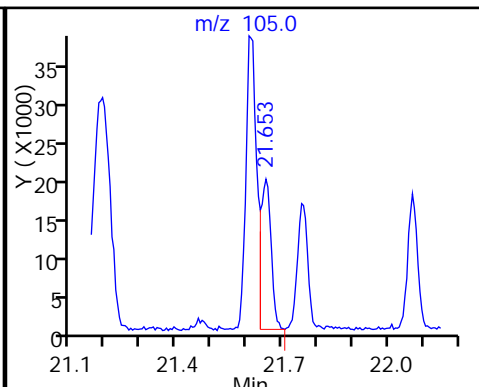
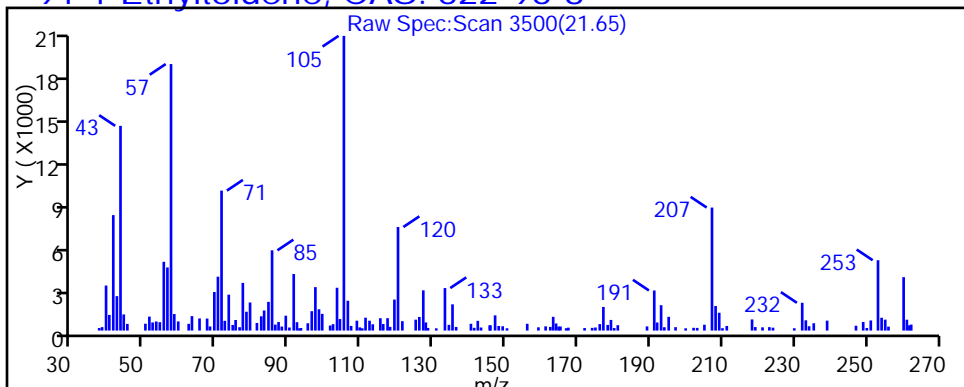
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

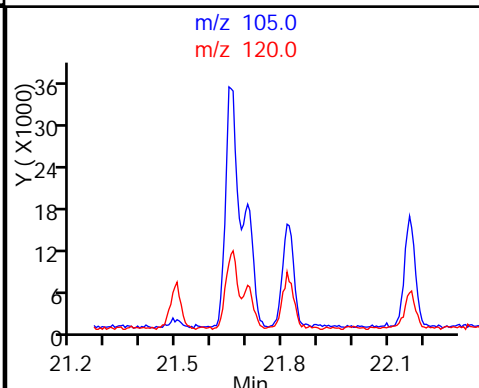
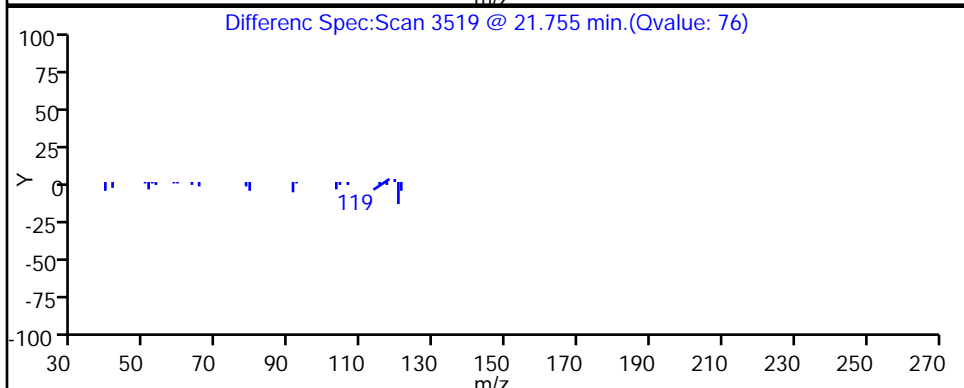
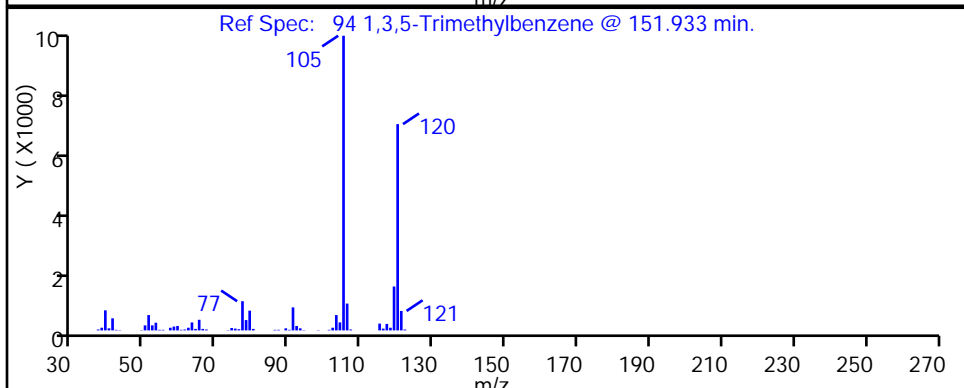
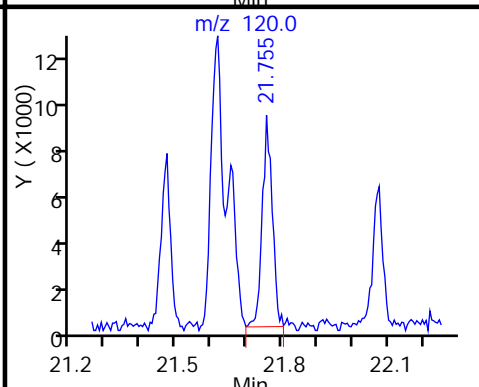
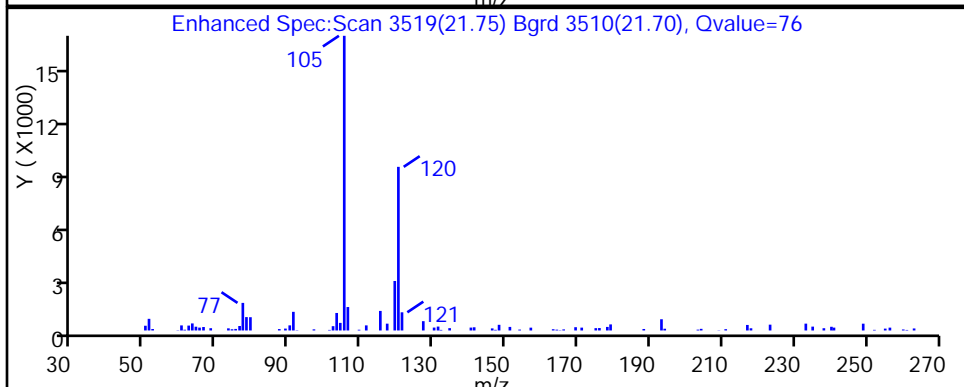
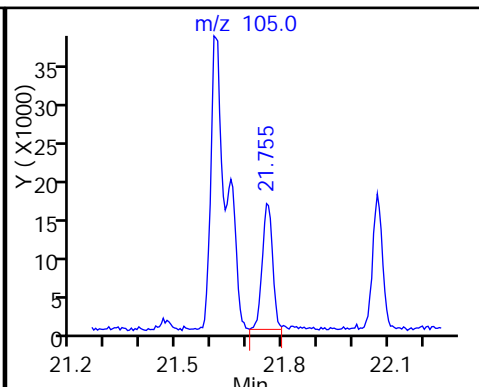
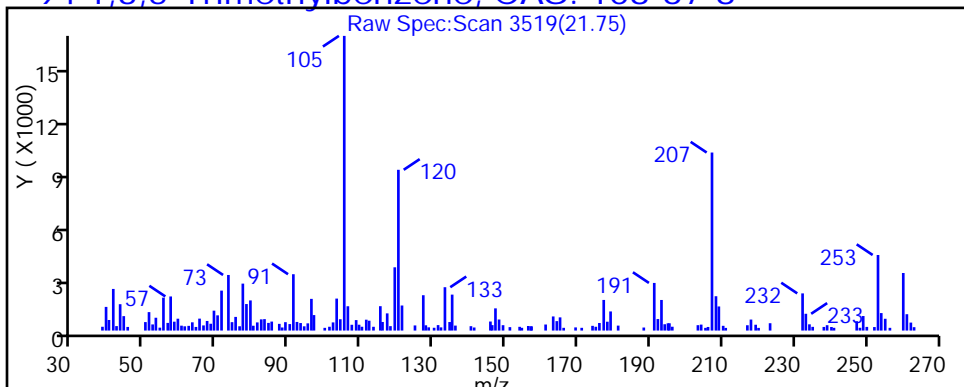
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

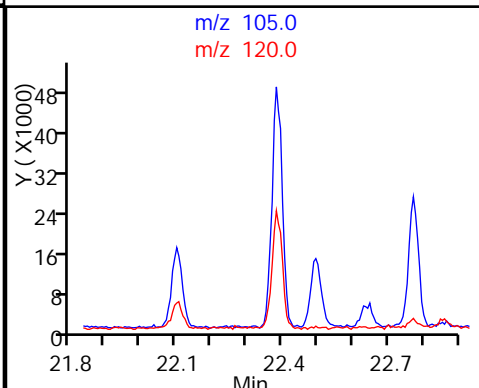
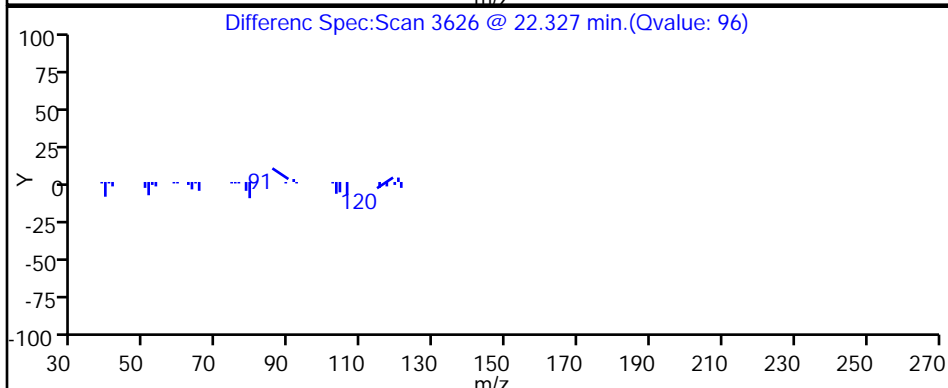
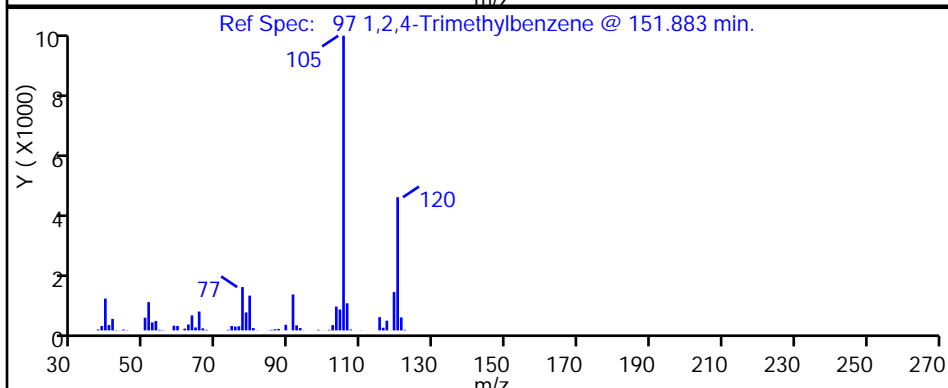
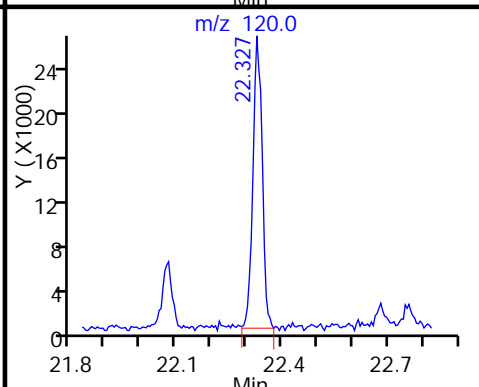
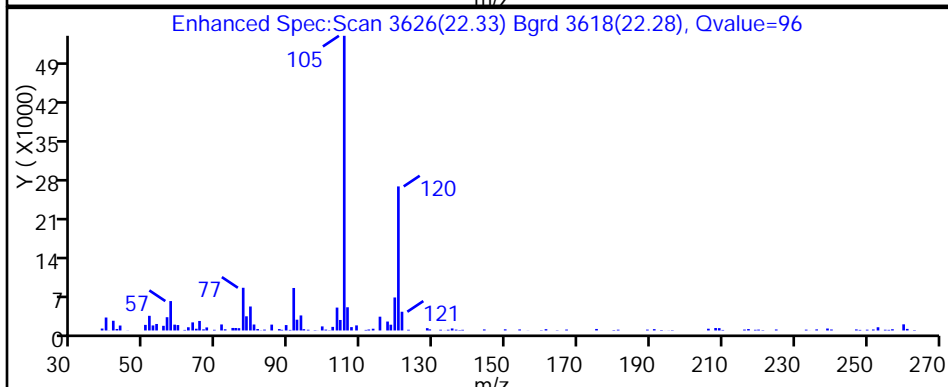
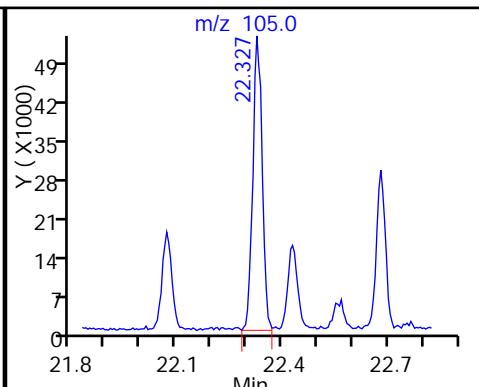
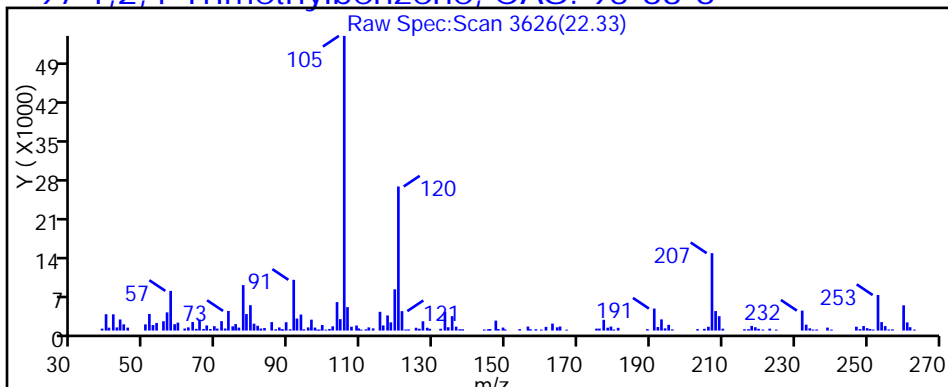
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_018.D

Injection Date: 22-Feb-2014 00:43:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-6

Lab Sample ID: 200-20955-6

Client ID: SS-VMP-2C

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

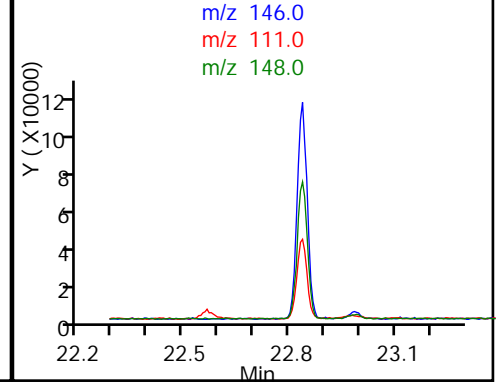
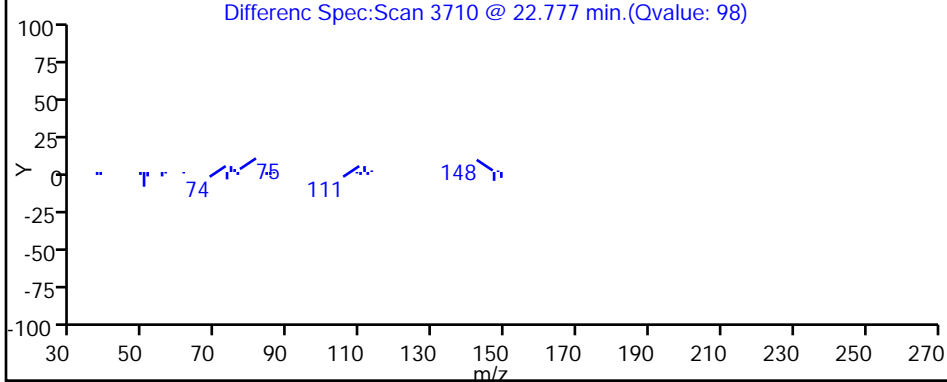
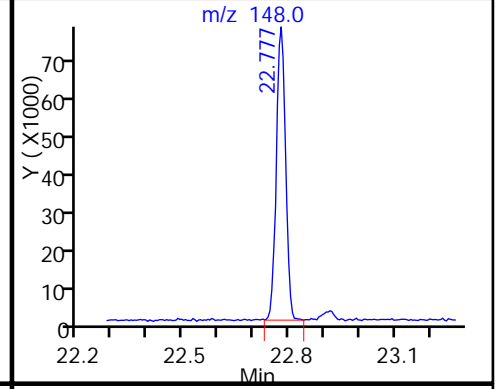
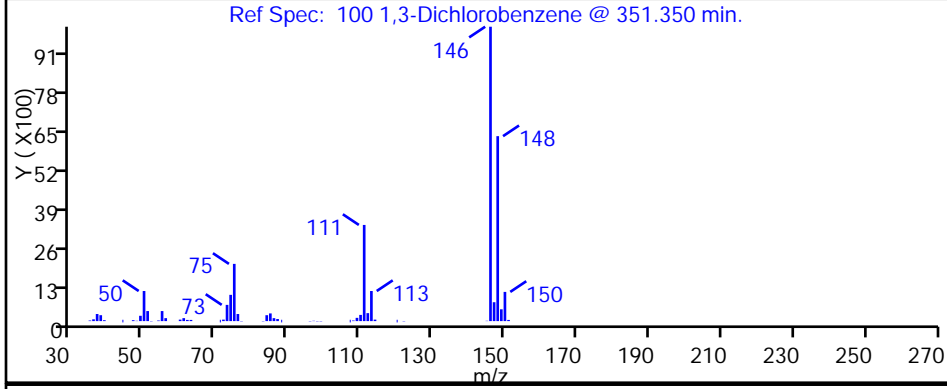
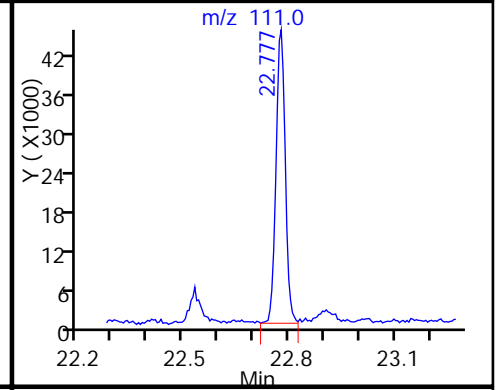
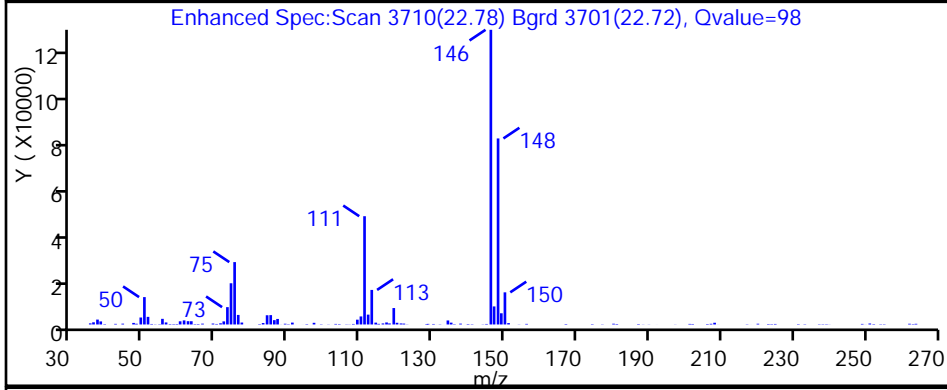
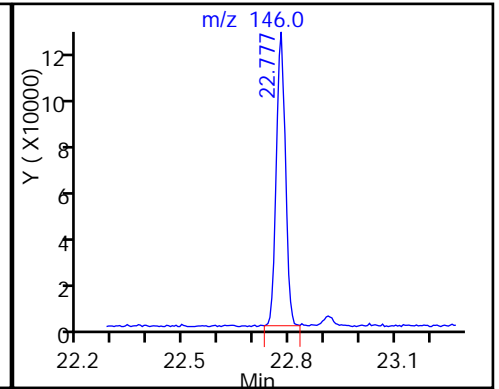
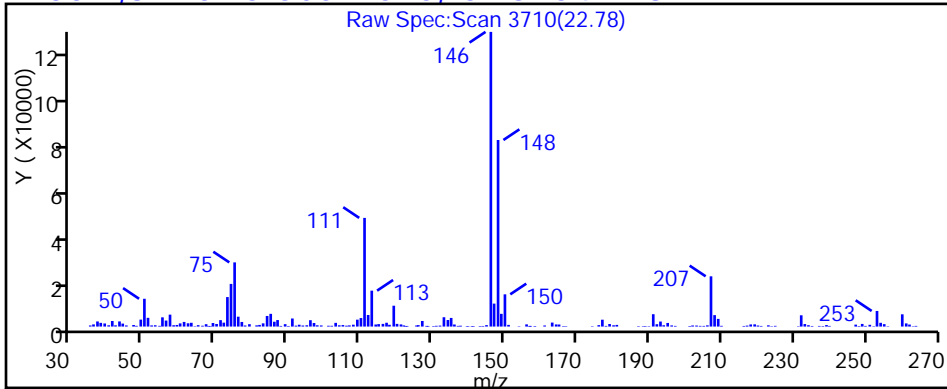
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3A Lab Sample ID: 200-20955-8
 Matrix: Air Lab File ID: 6267_020.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:03
 Sample wt/vol: 38 (mL) Date Analyzed: 02/22/2014 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 20.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	10	U	10	0.60
75-45-6	Freon 22	86.47	2.4	J	10	0.96
76-14-2	Freon-114	170.92	4.0	U	4.0	0.70
74-87-3	Chloromethane	50.49	10	U	10	2.7
106-97-8	n-Butane	58.12	10	U	10	5.7
75-01-4	Vinyl chloride	62.50	0.80	U	0.80	0.76
106-99-0	1,3-Butadiene	54.09	4.0	U	4.0	0.84
74-83-9	Bromomethane	94.94	4.0	U	4.0	0.56
75-00-3	Chloroethane	64.52	10	U	10	0.60
593-60-2	Vinyl bromide	106.96	4.0	U	4.0	0.60
75-69-4	Freon 11	137.37	4.0	U	4.0	0.60
76-13-1	Freon 113	187.38	4.0	U	4.0	0.36
75-35-4	1,1-Dichloroethene	96.94	4.0	U	4.0	0.48
67-64-1	Acetone	58.08	100	U	100	25
67-63-0	Isopropyl alcohol	60.10	620		100	4.3
75-15-0	Carbon disulfide	76.14	10	U	10	1.3
107-05-1	Allyl chloride	76.53	10	U	10	0.68
75-09-2	Methylene Chloride	84.93	400		10	2.5
75-65-0	tert-Butyl alcohol	74.12	100	U	100	6.6
1634-04-4	Methyl tert-butyl ether	88.15	4.0	U	4.0	0.44
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.58
110-54-3	Hexane	86.17	4.0	U	4.0	0.68
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.76
78-93-3	Methyl Ethyl Ketone	72.11	12		10	4.9
156-59-2	cis-1,2-Dichloroethene	96.94	4.0	U	4.0	0.76
540-59-0	1,2-Dichloroethene, Total	96.94	4.0	U	4.0	1.3
67-66-3	Chloroform	119.38	4.0	U	4.0	0.50
109-99-9	Tetrahydrofuran	72.11	2.0	J	100	0.92
71-55-6	1,1,1-Trichloroethane	133.41	4.0	U	4.0	0.42
110-82-7	Cyclohexane	84.16	4.0	U	4.0	0.50
56-23-5	Carbon tetrachloride	153.81	0.80	U	0.80	0.42
540-84-1	2,2,4-Trimethylpentane	114.23	4.0	U	4.0	0.54
71-43-2	Benzene	78.11	4.0	U	4.0	0.38
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	0.34
142-82-5	Heptane	100.21	4.0	U	4.0	0.92

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3A Lab Sample ID: 200-20955-8
 Matrix: Air Lab File ID: 6267_020.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:03
 Sample wt/vol: 38 (mL) Date Analyzed: 02/22/2014 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 20.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.80	U	0.80	0.48
80-62-6	Methyl methacrylate	100.12	10	U	10	0.60
78-87-5	1,2-Dichloropropane	112.99	4.0	U	4.0	0.64
123-91-1	1,4-Dioxane	88.11	100	U	100	4.0
75-27-4	Bromodichloromethane	163.83	4.0	U	4.0	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	4.0	U	4.0	0.56
108-10-1	methyl isobutyl ketone	100.16	10	U	10	0.54
108-88-3	Toluene	92.14	1.5	J	4.0	0.34
10061-02-6	trans-1,3-Dichloropropene	110.97	4.0	U	4.0	0.44
79-00-5	1,1,2-Trichloroethane	133.41	4.0	U	4.0	0.34
127-18-4	Tetrachloroethene	165.83	4.0	U	4.0	0.32
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	4.0
124-48-1	Dibromochloromethane	208.29	4.0	U	4.0	0.40
106-93-4	1,2-Dibromoethane	187.87	4.0	U	4.0	0.40
108-90-7	Chlorobenzene	112.56	4.0	U	4.0	0.16
100-41-4	Ethylbenzene	106.17	4.0	U	4.0	0.26
179601-23-1	m,p-Xylene	106.17	10	U	10	0.46
95-47-6	Xylene, o-	106.17	4.0	U	4.0	0.32
1330-20-7	Xylene (total)	106.17	4.0	U	4.0	0.68
100-42-5	Styrene	104.15	4.0	U	4.0	0.36
75-25-2	Bromoform	252.75	4.0	U	4.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.0	U	4.0	0.32
103-65-1	n-Propylbenzene	120.19	4.0	U	4.0	1.6
622-96-8	4-Ethyltoluene	120.20	4.0	U	4.0	0.36
108-67-8	1,3,5-Trimethylbenzene	120.20	4.0	U	4.0	0.24
95-49-8	2-Chlorotoluene	126.59	4.0	U	4.0	0.26
98-06-6	tert-Butylbenzene	134.22	4.0	U	4.0	0.34
95-63-6	1,2,4-Trimethylbenzene	120.20	4.0	U	4.0	0.28
135-98-8	sec-Butylbenzene	134.22	4.0	U	4.0	1.6
99-87-6	4-Isopropyltoluene	134.22	4.0	U	4.0	1.6
541-73-1	1,3-Dichlorobenzene	147.00	0.63	J	4.0	0.28
106-46-7	1,4-Dichlorobenzene	147.00	4.0	U	4.0	0.28
100-44-7	Benzyl chloride	126.58	4.0	U	4.0	1.6
104-51-8	n-Butylbenzene	134.22	4.0	U	4.0	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3A Lab Sample ID: 200-20955-8
 Matrix: Air Lab File ID: 6267_020.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:03
 Sample wt/vol: 38(mL) Date Analyzed: 02/22/2014 02:17
 Soil Aliquot Vol.: _____ Dilution Factor: 20.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	4.0	U	4.0	0.28
120-82-1	1,2,4-Trichlorobenzene	181.45	10	U	10	0.54
87-68-3	Hexachloro-1,3-butadiene	260.76	4.0	U	4.0	0.44
91-20-3	Naphthalene	128.17	10	U	10	4.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3A Lab Sample ID: 200-20955-8
 Matrix: Air Lab File ID: 6267_020.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:03
 Sample wt/vol: 38 (mL) Date Analyzed: 02/22/2014 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 20.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	50	U	50	3.0
75-45-6	Freon 22	86.47	8.5	J	36	3.4
76-14-2	Freon-114	170.92	28	U	28	4.9
74-87-3	Chloromethane	50.49	21	U	21	5.6
106-97-8	n-Butane	58.12	24	U	24	13
75-01-4	Vinyl chloride	62.50	2.1	U	2.1	2.0
106-99-0	1,3-Butadiene	54.09	8.9	U	8.9	1.9
74-83-9	Bromomethane	94.94	16	U	16	2.2
75-00-3	Chloroethane	64.52	27	U	27	1.6
593-60-2	Vinyl bromide	106.96	18	U	18	2.6
75-69-4	Freon 11	137.37	23	U	23	3.4
76-13-1	Freon 113	187.38	31	U	31	2.8
75-35-4	1,1-Dichloroethene	96.94	16	U	16	1.9
67-64-1	Acetone	58.08	240	U	240	60
67-63-0	Isopropyl alcohol	60.10	1500		250	11
75-15-0	Carbon disulfide	76.14	31	U	31	4.1
107-05-1	Allyl chloride	76.53	31	U	31	2.1
75-09-2	Methylene Chloride	84.93	1400		35	8.7
75-65-0	tert-Butyl alcohol	74.12	300	U	300	20
1634-04-4	Methyl tert-butyl ether	88.15	14	U	14	1.6
156-60-5	trans-1,2-Dichloroethene	96.94	16	U	16	2.3
110-54-3	Hexane	86.17	14	U	14	2.4
75-34-3	1,1-Dichloroethane	98.96	16	U	16	3.1
78-93-3	Methyl Ethyl Ketone	72.11	35		30	14
156-59-2	cis-1,2-Dichloroethene	96.94	16	U	16	3.0
540-59-0	1,2-Dichloroethene, Total	96.94	16	U	16	5.1
67-66-3	Chloroform	119.38	20	U	20	2.5
109-99-9	Tetrahydrofuran	72.11	6.0	J	300	2.7
71-55-6	1,1,1-Trichloroethane	133.41	22	U	22	2.3
110-82-7	Cyclohexane	84.16	14	U	14	1.7
56-23-5	Carbon tetrachloride	153.81	5.1	U	5.1	2.7
540-84-1	2,2,4-Trimethylpentane	114.23	19	U	19	2.5
71-43-2	Benzene	78.11	13	U	13	1.2
107-06-2	1,2-Dichloroethane	98.96	16	U	16	1.4
142-82-5	Heptane	100.21	16	U	16	3.8

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3A Lab Sample ID: 200-20955-8
 Matrix: Air Lab File ID: 6267_020.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:03
 Sample wt/vol: 38 (mL) Date Analyzed: 02/22/2014 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 20.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	4.3	U	4.3	2.6
80-62-6	Methyl methacrylate	100.12	41	U	41	2.5
78-87-5	1,2-Dichloropropane	112.99	19	U	19	3.0
123-91-1	1,4-Dioxane	88.11	360	U	360	14
75-27-4	Bromodichloromethane	163.83	27	U	27	2.3
10061-01-5	cis-1,3-Dichloropropene	110.97	18	U	18	2.6
108-10-1	methyl isobutyl ketone	100.16	41	U	41	2.2
108-88-3	Toluene	92.14	5.7	J	15	1.3
10061-02-6	trans-1,3-Dichloropropene	110.97	18	U	18	2.0
79-00-5	1,1,2-Trichloroethane	133.41	22	U	22	1.9
127-18-4	Tetrachloroethene	165.83	27	U	27	2.2
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	41	U	41	16
124-48-1	Dibromochloromethane	208.29	34	U	34	3.4
106-93-4	1,2-Dibromoethane	187.87	31	U	31	3.1
108-90-7	Chlorobenzene	112.56	19	U	19	0.75
100-41-4	Ethylbenzene	106.17	17	U	17	1.1
179601-23-1	m,p-Xylene	106.17	44	U	44	2.0
95-47-6	Xylene, o-	106.17	17	U	17	1.4
1330-20-7	Xylene (total)	106.17	17	U	17	3.0
100-42-5	Styrene	104.15	17	U	17	1.5
75-25-2	Bromoform	252.75	42	U	42	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	28	U	28	2.2
103-65-1	n-Propylbenzene	120.19	20	U	20	7.9
622-96-8	4-Ethyltoluene	120.20	20	U	20	1.8
108-67-8	1,3,5-Trimethylbenzene	120.20	20	U	20	1.2
95-49-8	2-Chlorotoluene	126.59	21	U	21	1.4
98-06-6	tert-Butylbenzene	134.22	22	U	22	1.9
95-63-6	1,2,4-Trimethylbenzene	120.20	20	U	20	1.4
135-98-8	sec-Butylbenzene	134.22	22	U	22	8.8
99-87-6	4-Isopropyltoluene	134.22	22	U	22	8.8
541-73-1	1,3-Dichlorobenzene	147.00	3.8	J	24	1.7
106-46-7	1,4-Dichlorobenzene	147.00	24	U	24	1.7
100-44-7	Benzyl chloride	126.58	21	U	21	8.3
104-51-8	n-Butylbenzene	134.22	22	U	22	8.8

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3A Lab Sample ID: 200-20955-8
 Matrix: Air Lab File ID: 6267_020.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:03
 Sample wt/vol: 38(mL) Date Analyzed: 02/22/2014 02:17
 Soil Aliquot Vol.: _____ Dilution Factor: 20.1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	24	U	24	1.7
120-82-1	1,2,4-Trichlorobenzene	181.45	75	U	75	4.0
87-68-3	Hexachloro-1,3-butadiene	260.76	43	U	43	4.7
91-20-3	Naphthalene	128.17	53	U	53	21

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D
 Lims ID: 200-20955-A-8 Lab Sample ID: 200-20955-8
 Client ID: SS-VMP-3A
 Sample Type: Client
 Inject. Date: 22-Feb-2014 02:17:30 ALS Bottle#: 17 Worklist Smp#: 20
 Purge Vol: 200.000 mL Dil. Factor: 20.1000
 Sample Info: 200-0006267-020
 Misc. Info.: 20955-8
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:46:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.127					
6 Chlorodifluoromethane	51	3.181	3.181	0.001	80	9652	0.1196	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoro	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	1501031	31.0	
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	959482	19.9	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.135	10.135	0.0	98	17606	0.5909	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	683348	10.0	
44 Tetrahydrofuran	42	10.590	10.579	0.011	89	4728	0.1015	
45 Chloroform	83		10.702					
46 Cyclohexane	84		10.991					
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	11.269		
	50			78	11.740		
	51			57	11.761		
	52			62	11.911		
	53			43	12.168		
*	54			114	12.617	12.623	-0.006 91 3917963 10.0
	56			95	13.110		
	58			63	13.682		
	59			69	13.880		
	60			88	13.917		
	62			83	14.249		
	64			75	15.228		
	65			43	15.528		
	66			92	15.854	15.849	0.005 89 20497 0.0749
	70			75	16.437		
	71			83	16.812		
	72			166	16.961		
	73			43	17.282		
	74			129	17.587		
	75			107	17.860		
*	76			117	18.786	18.786	0.0 81 3734422 10.0
	77			112	18.844		
	78			91	19.016		
	80			106	19.272		
S	82			106	20.100		
	83			106	20.102		
	84			104	20.144		
	85			173	20.530		
\$	87			95	21.107	21.107	0.0 98 1781072 NC
	88			83	21.364		
	90			91	21.471		
	92			91	21.653		
	91			105	21.653		
	94			105	21.760		
	96			119	22.242		
	97			105	22.332		
	98			105	22.562		
	99			119	22.760		
	100			146	22.777	22.776	0.0 77 10381 0.0311
	101			146	22.910		
	102			91	23.103		
	103			91	23.338		
	105			146	23.451		
	107			180	26.013		
	108			225	26.227		
	109			128	26.505		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Worklist Smp#: 20

Client ID: SS-VMP-3A

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

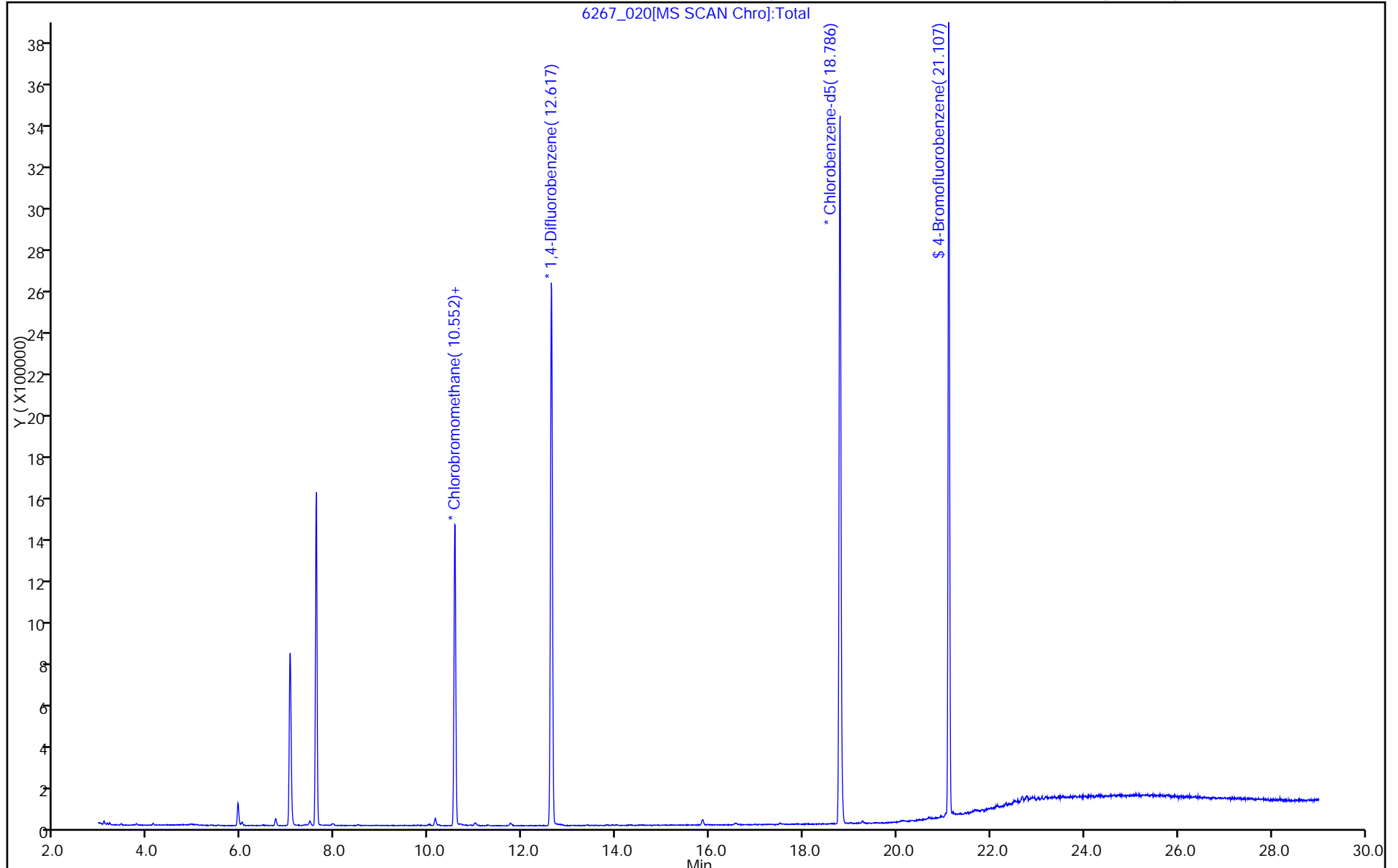
ALS Bottle#: 17

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

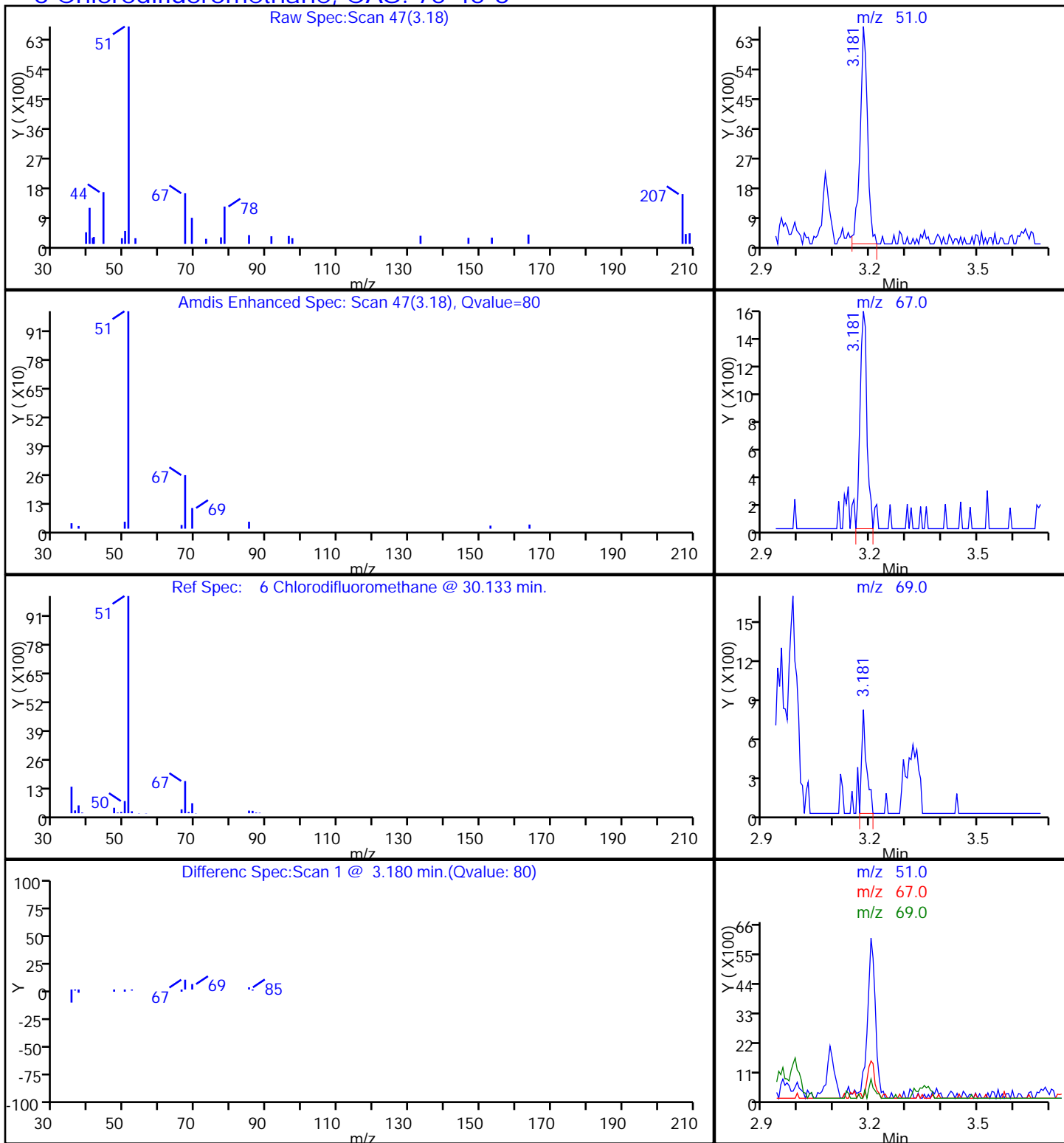
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

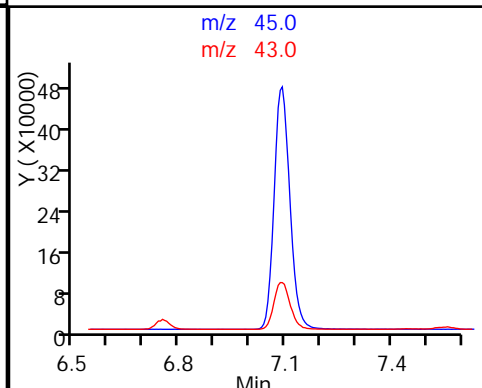
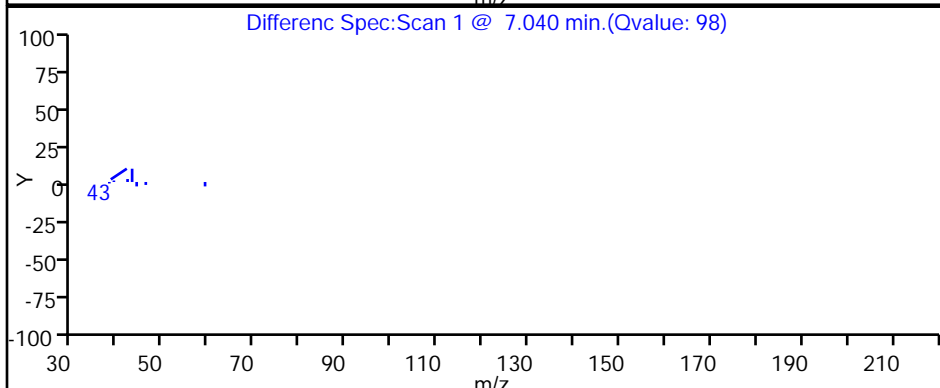
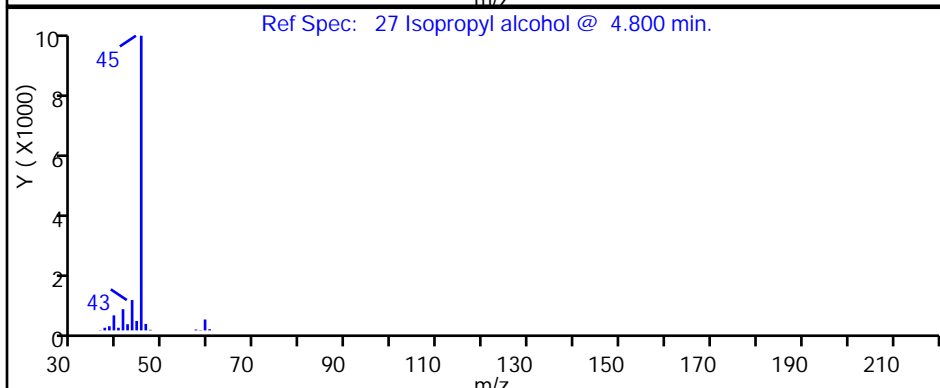
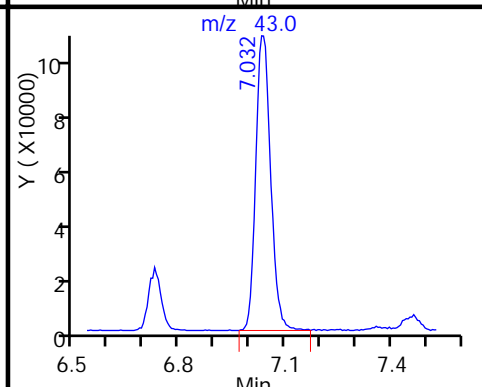
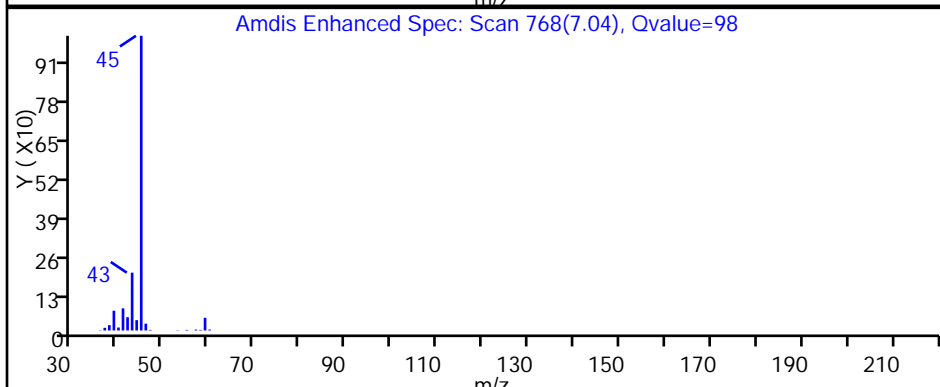
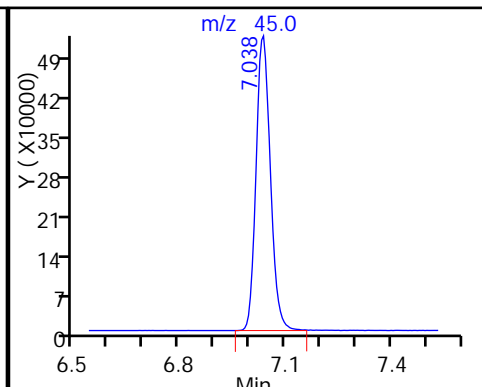
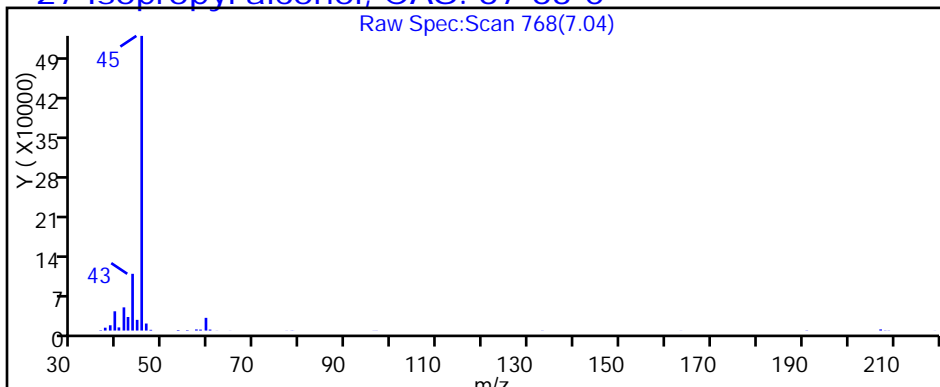
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

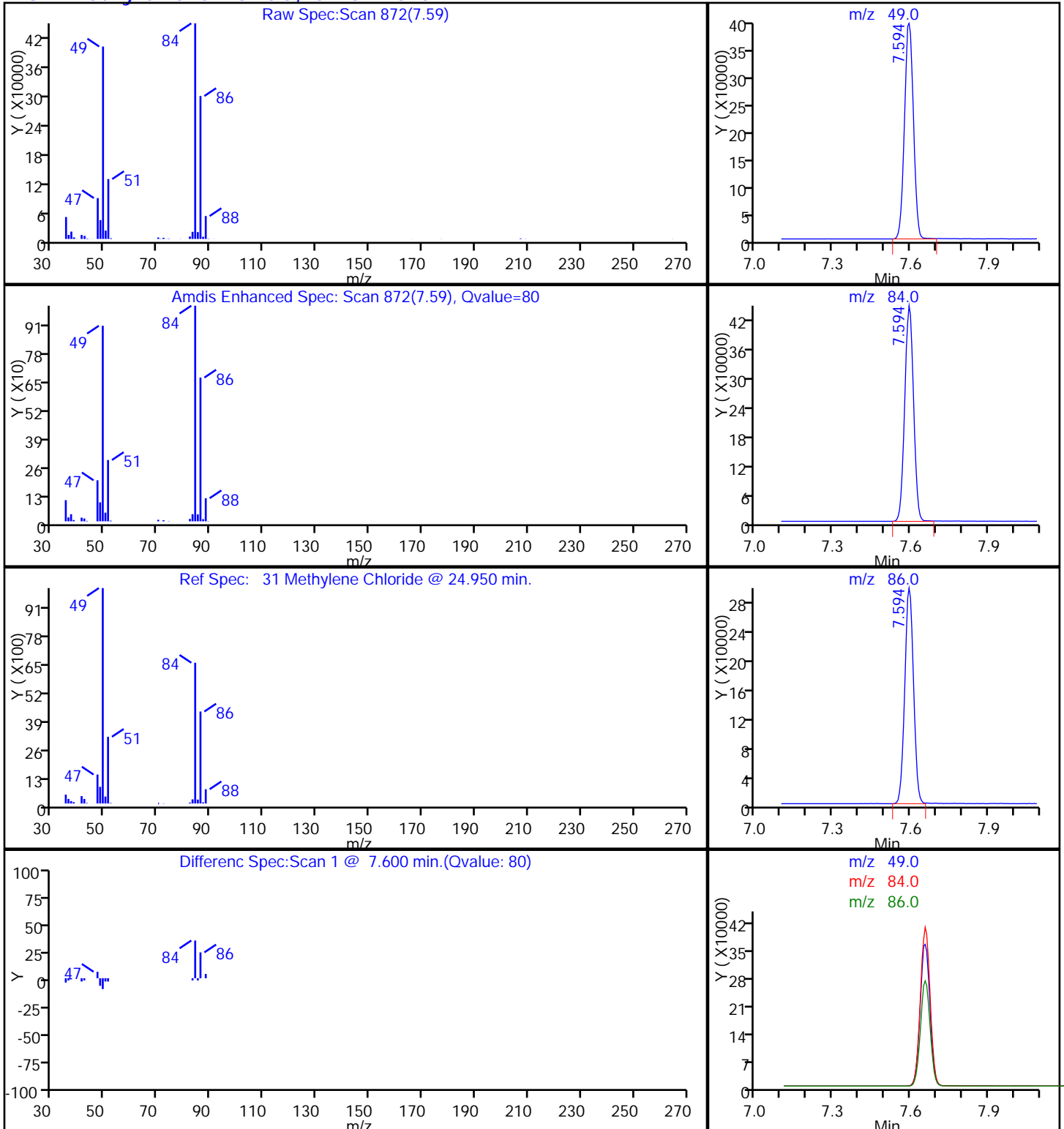
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

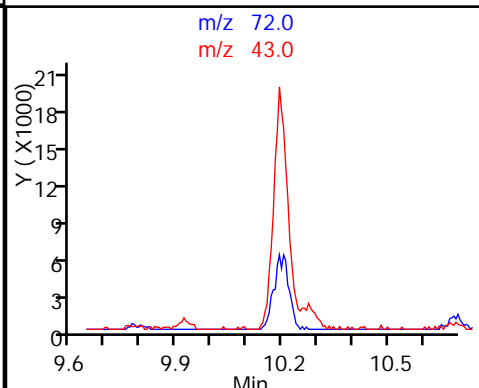
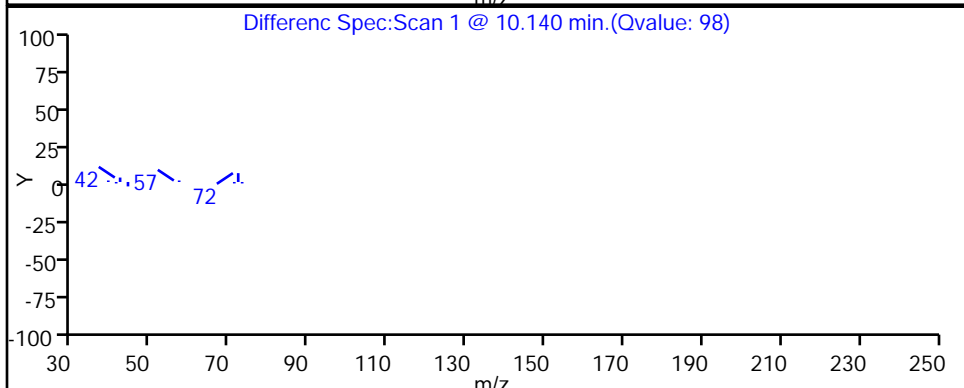
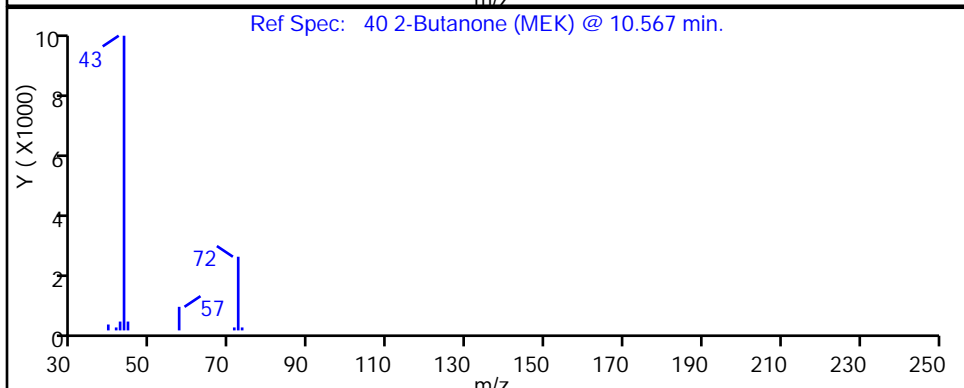
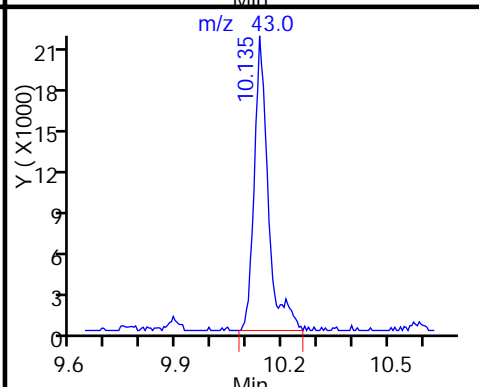
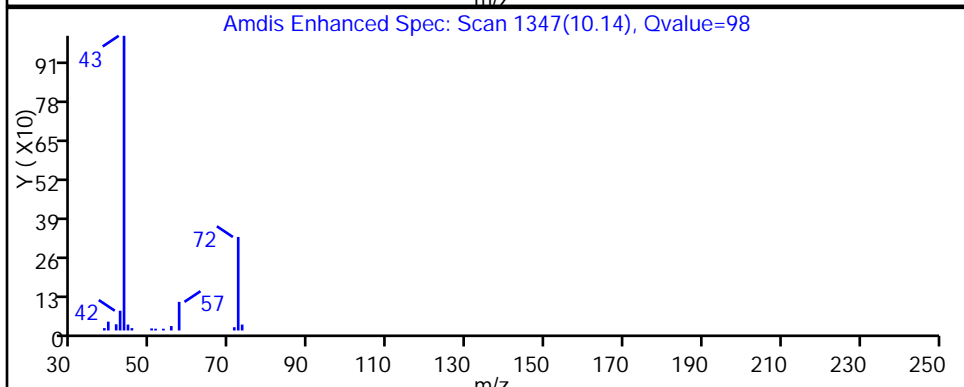
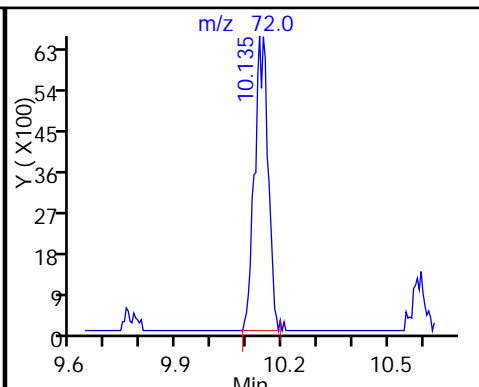
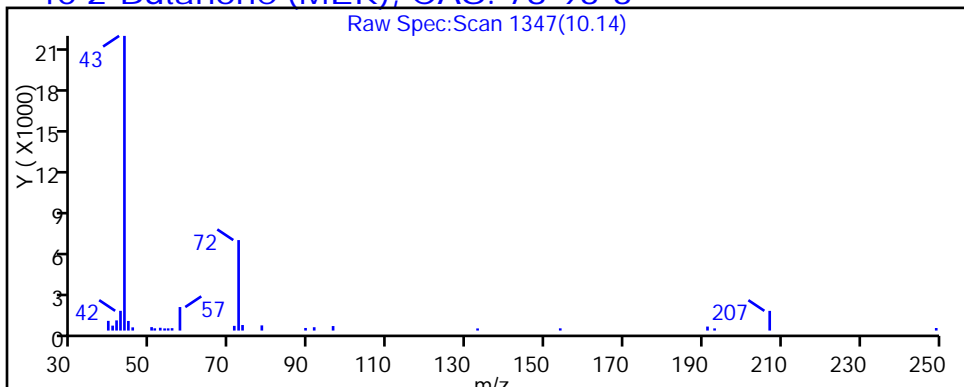
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

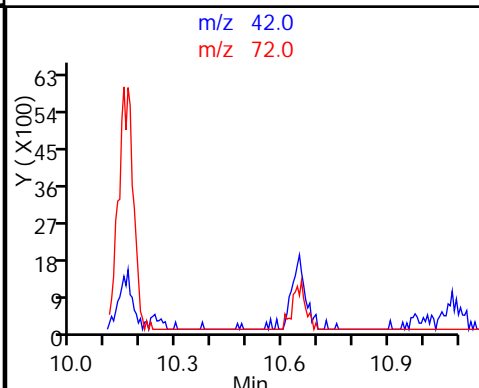
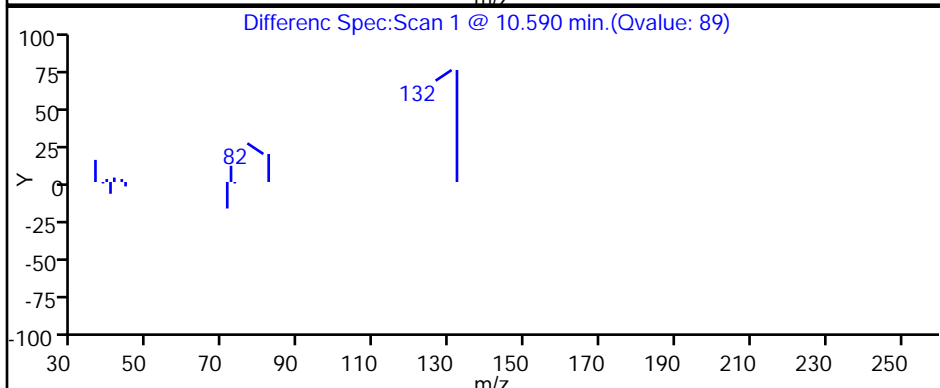
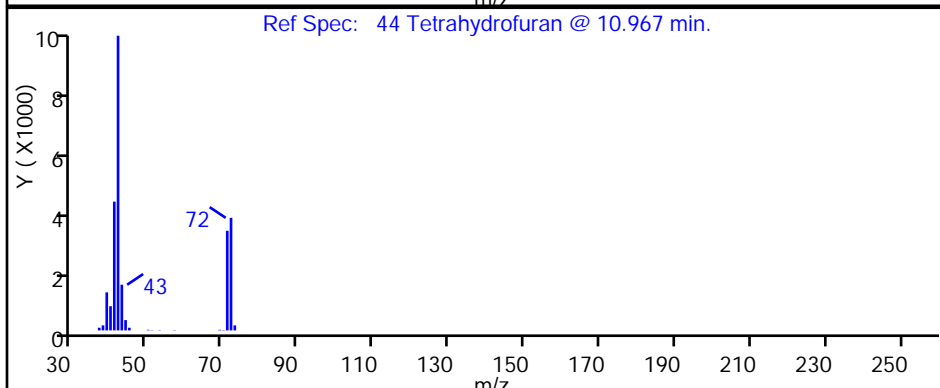
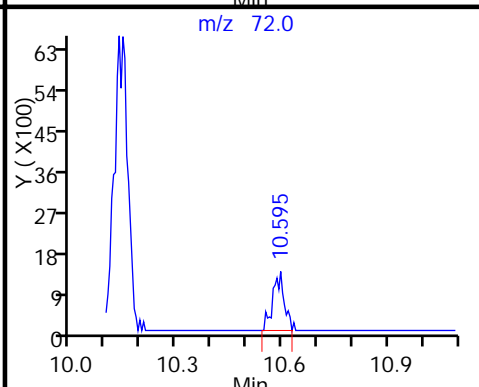
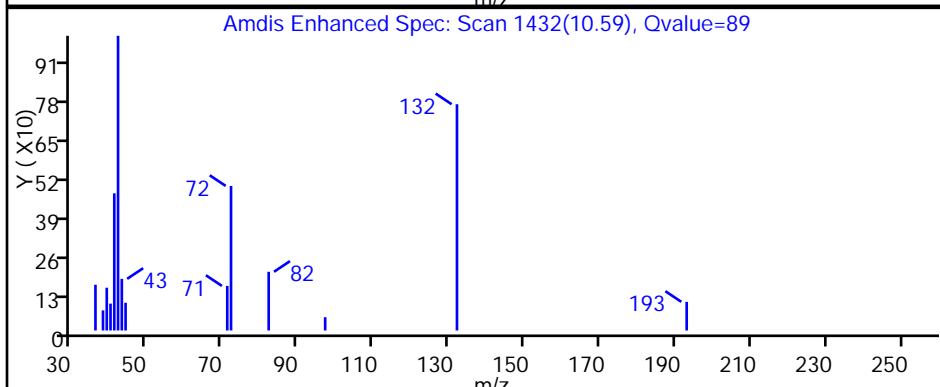
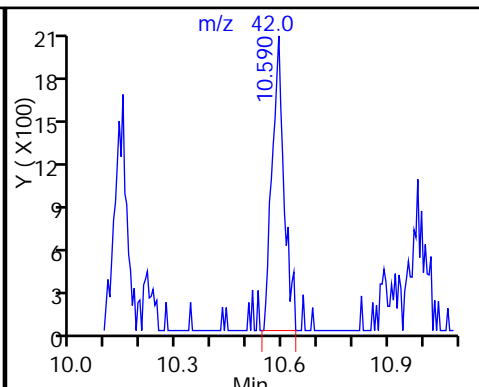
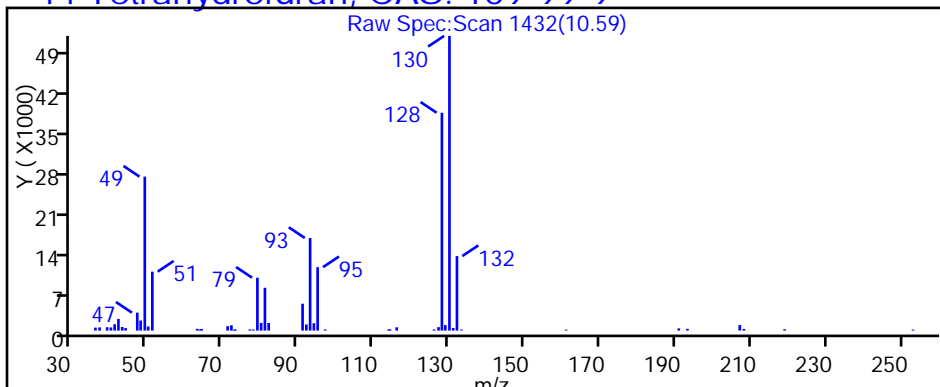
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

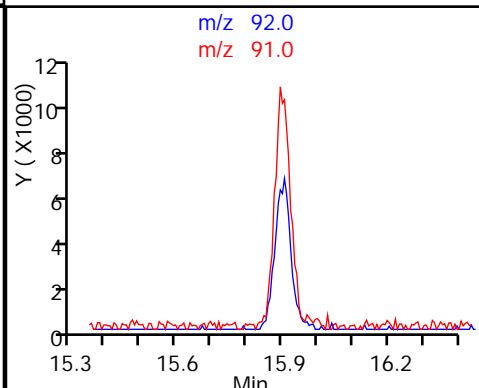
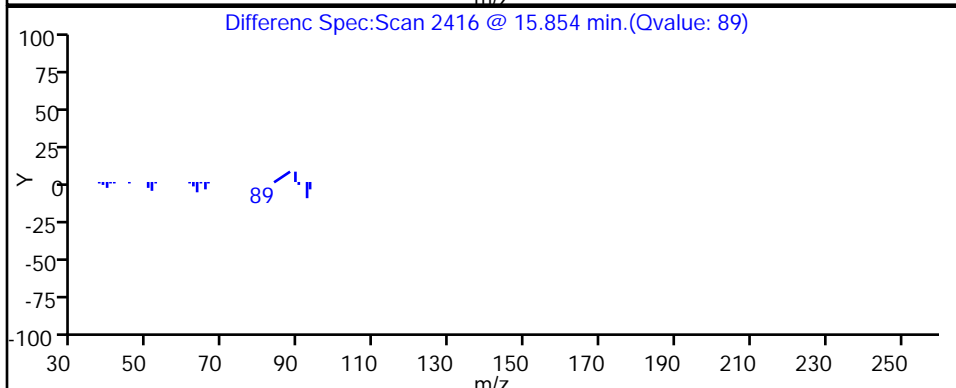
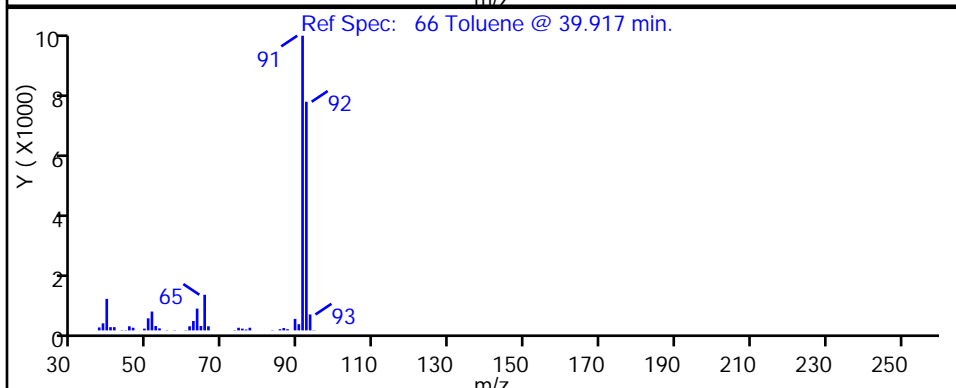
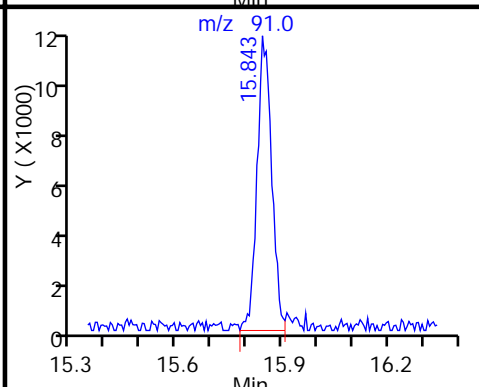
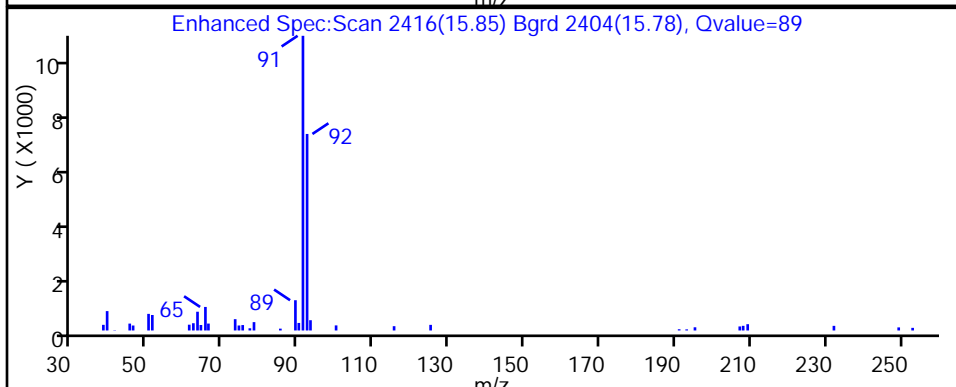
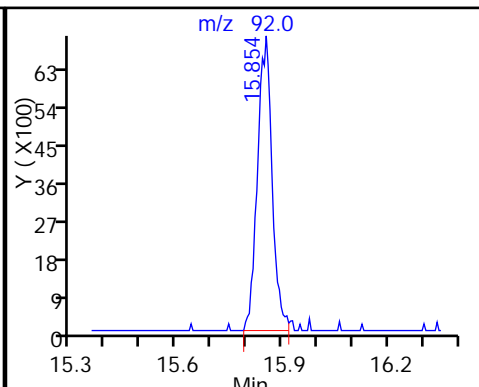
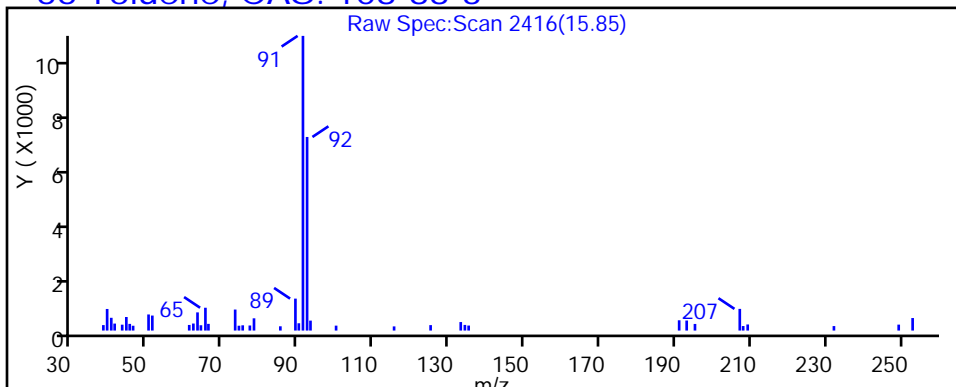
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_020.D

Injection Date: 22-Feb-2014 02:17:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-8

Lab Sample ID: 200-20955-8

Client ID: SS-VMP-3A

Operator ID: bl

ALS Bottle#: 17

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 20.1000

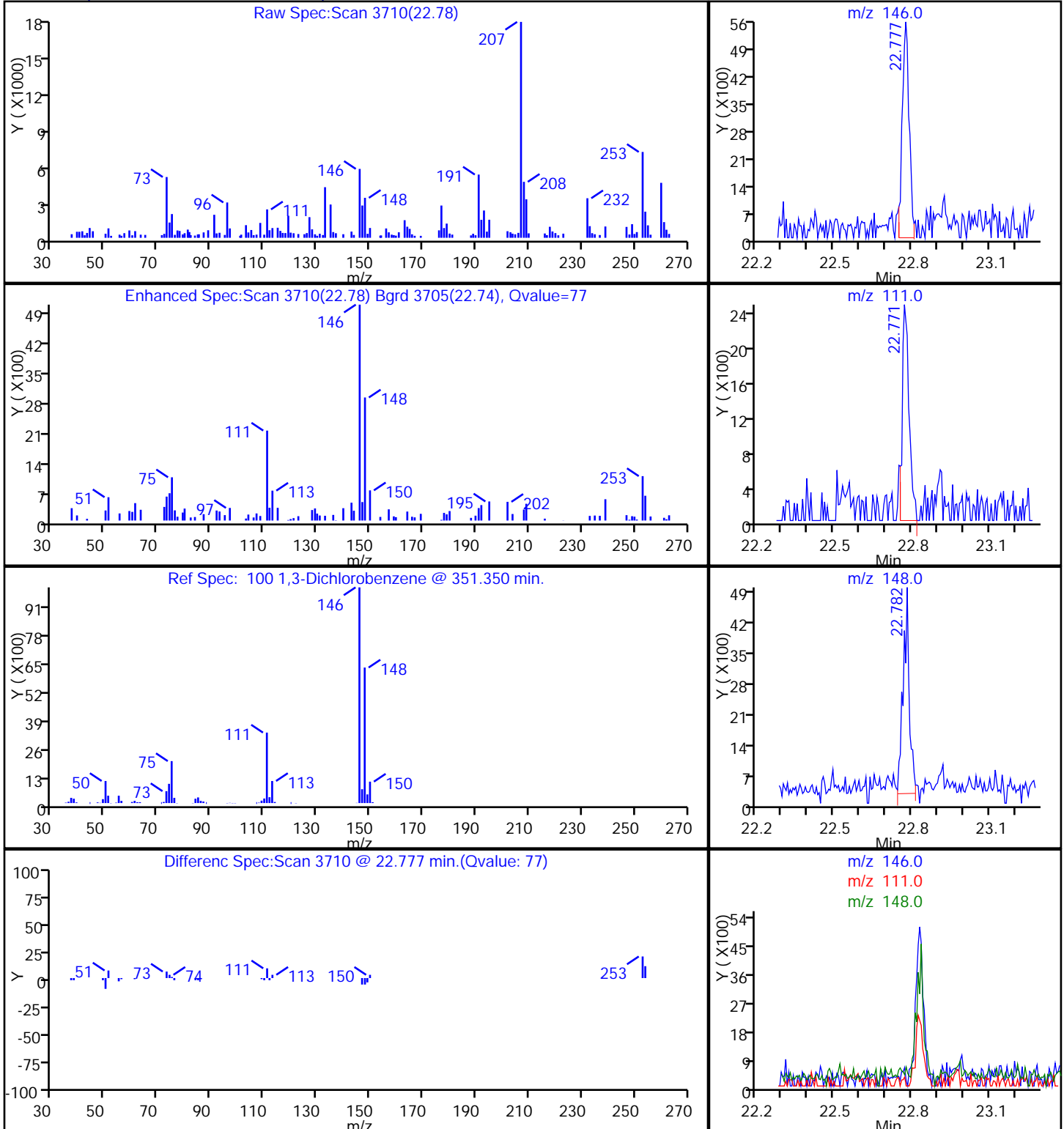
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3B Lab Sample ID: 200-20955-10
 Matrix: Air Lab File ID: 6267_021.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:25
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.20	J	0.50	0.030
75-45-6	Freon 22	86.47	0.25	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.87		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.11	J	0.20	0.030
76-13-1	Freon 113	187.38	0.032	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	10		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	150	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	5.9		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.33		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	4.5		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	0.19	J	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.27		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.035	J	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.088	J	0.20	0.027
71-43-2	Benzene	78.11	0.18	J	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.25		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3B Lab Sample ID: 200-20955-10
 Matrix: Air Lab File ID: 6267_021.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:25
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.12	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.33		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.042	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.12	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.047	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.17	J	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.019	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.019	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.043	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.68		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.31		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3B Lab Sample ID: 200-20955-10
 Matrix: Air Lab File ID: 6267_021.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:25
 Sample wt/vol: 200 (mL) Date Analyzed: 02/22/2014 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3B Lab Sample ID: 200-20955-10
 Matrix: Air Lab File ID: 6267_021.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:25
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	1.0	J	2.5	0.15
75-45-6	Freon 22	86.47	0.87	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	2.1		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	0.61	J	1.1	0.17
76-13-1	Freon 113	187.38	0.24	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	24		12	3.0
67-63-0	Isopropyl alcohol	60.10	380	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	21		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	1.1		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	13		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	0.55	J	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.94		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.22	J	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.41	J	0.93	0.13
71-43-2	Benzene	78.11	0.59	J	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	1.0		0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3B Lab Sample ID: 200-20955-10
 Matrix: Air Lab File ID: 6267_021.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:25
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	0.49	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	1.2		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.18	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	0.50	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.20	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.73	J	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.095	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.095	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.21	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	3.7		1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.9		1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3B Lab Sample ID: 200-20955-10
 Matrix: Air Lab File ID: 6267_021.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:25
 Sample wt/vol: 200 (mL) Date Analyzed: 02/22/2014 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D
 Lims ID: 200-20955-A-10 Lab Sample ID: 200-20955-10
 Client ID: SS-VMP-3B
 Sample Type: Client
 Inject. Date: 22-Feb-2014 03:04:30 ALS Bottle#: 18 Worklist Smp#: 21
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-021
 Misc. Info.: 20955-10
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:47:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	98	44221	0.2047	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	81	20009	0.2460	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43	3.759	3.758	0.001	96	47276	0.8744	
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101	5.347	5.347	0.0	88	26593	0.1078	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	64	4898	0.0316	
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43	6.717	6.717	0.0	87	615667	10.2	
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.065	7.038	0.027	98	7527274	154.2	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	288619	5.93	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57	8.488	8.493	-0.005	88	18852	0.3262	
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.130	10.135	-0.005	98	134173	4.47	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	67	688695	10.0	
44 Tetrahydrofuran	42	10.579	10.579	0.0	46	8735	0.1865	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.991	10.991	0.0	66	26938	0.2741	M
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags				
	48			117	11.275	11.269	0.006	75	10496	0.0354	
	50			78	11.740	11.740	0.0	93	48526	0.1847	
	51			57	11.762	11.761	0.001	84	27702	0.0884	
	52			62		11.911					
	53			43	12.174	12.168	0.006	90	29026	0.2491	
*	54			114	12.623	12.623	0.0	91	3937334	10.0	
	56			95		13.110					
	58			63		13.682					
	59			69	13.891	13.880	0.011	66	12772	0.1194	
	60			88		13.917					
	62			83		14.249					
	64			75		15.228					
	65			43		15.528					
	66			92	15.844	15.849	-0.005	94	90898	0.3270	
	70			75		16.437					
	71			83		16.812					
	72			166		16.961					
	73			43		17.282					
	74			129		17.587					
	75			107		17.860					
*	76			117	18.786	18.786	0.0	81	3794859	10.0	
	77			112		18.844					
	78			91	19.016	19.016	0.0	86	24464	0.0424	
	80			106	19.262	19.272	-0.010	99	27336	0.1158	
S	82			106				0		0.1626	7
	83			106	20.091	20.102	-0.011	86	11539	0.0468	
	84			104		20.144					
	85			173		20.530					
\$	87			95	21.108	21.107	0.001	98	1911280	NC	
	88			83		21.364					
	90			91		21.471					
	92			91		21.653					
	91			105	21.653	21.653	0.0	67	11057	0.0194	7
	94			105	21.750	21.760	-0.010	74	10830	0.0192	7
	96			119		22.242					
	97			105	22.333	22.332	0.001	95	23493	0.0431	
	98			105		22.562					
	99			119	22.755	22.760	-0.005	97	448991	0.6796	
	100			146	22.777	22.776	0.001	91	105536	0.3116	
	101			146		22.910					
	102			91		23.103					
	103			91		23.338					
	105			146		23.451					
	107			180		26.013					
	108			225		26.227					
	109			128		26.505					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Worklist Smp#: 21

Client ID: SS-VMP-3B

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

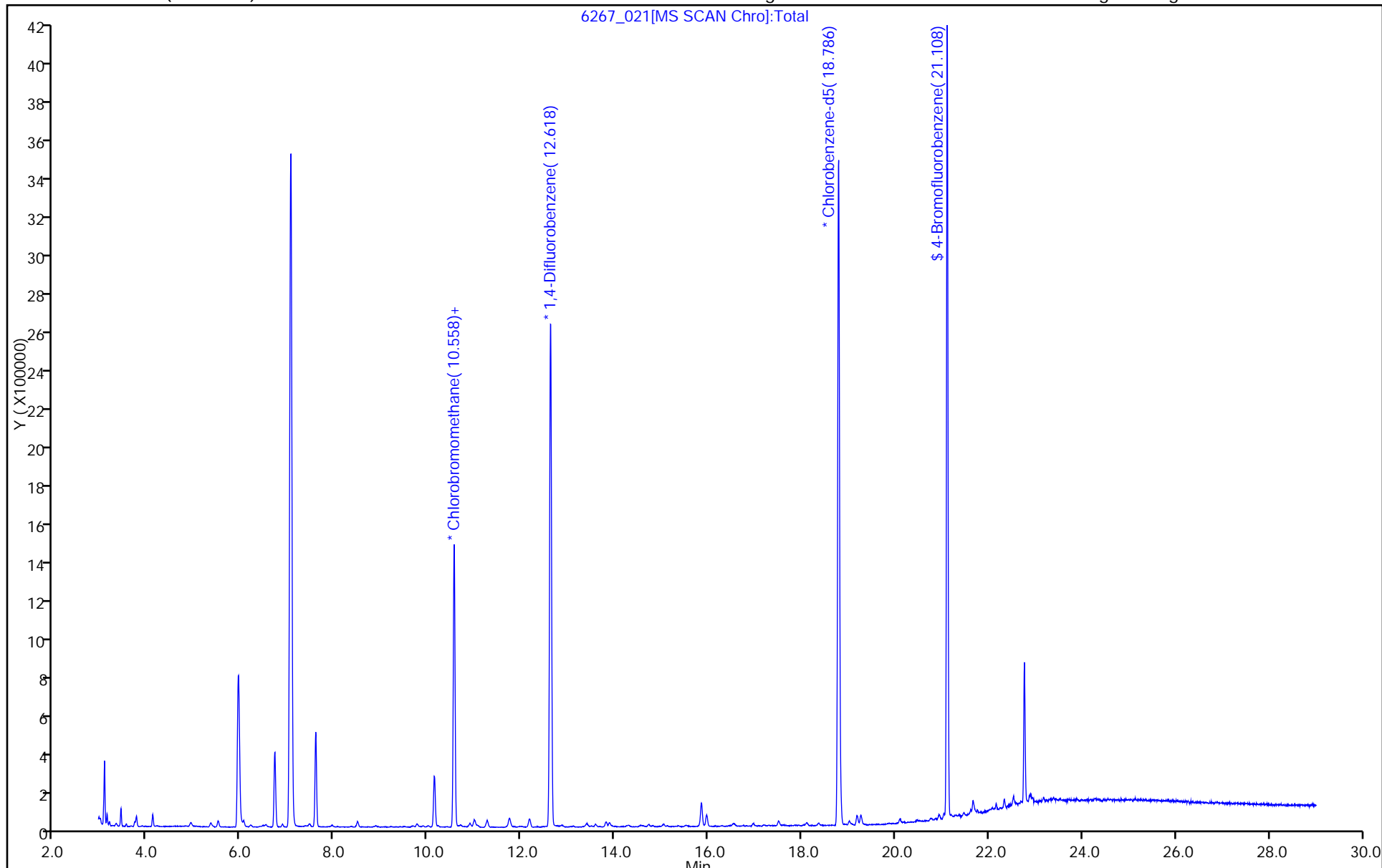
ALS Bottle#: 18

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

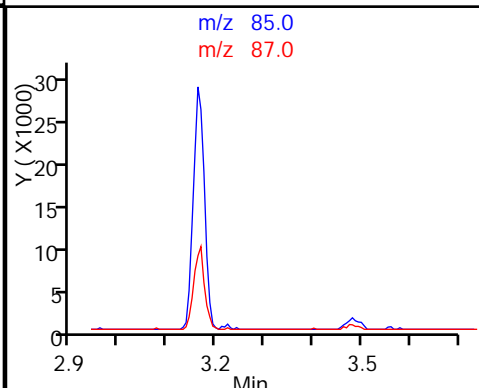
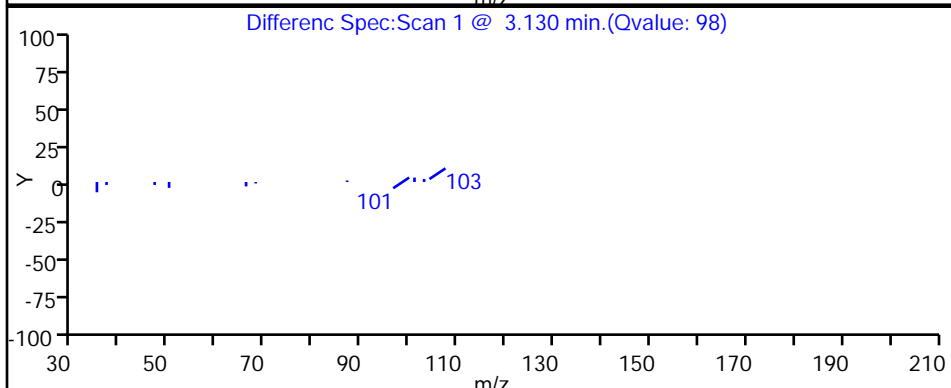
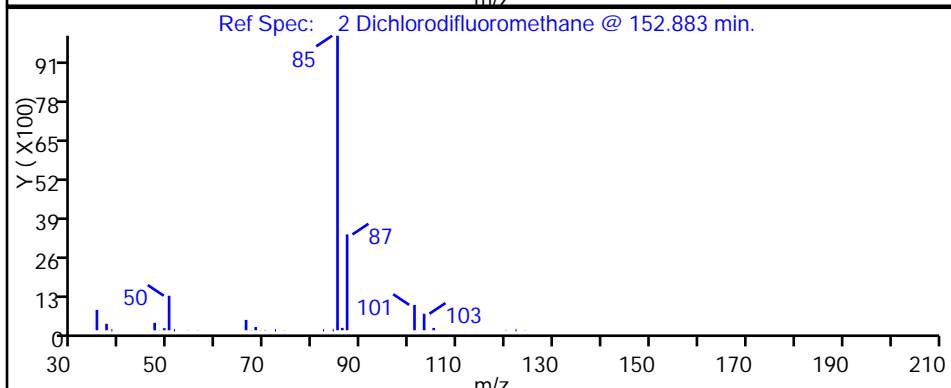
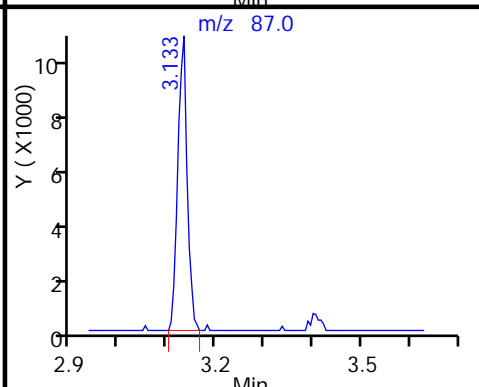
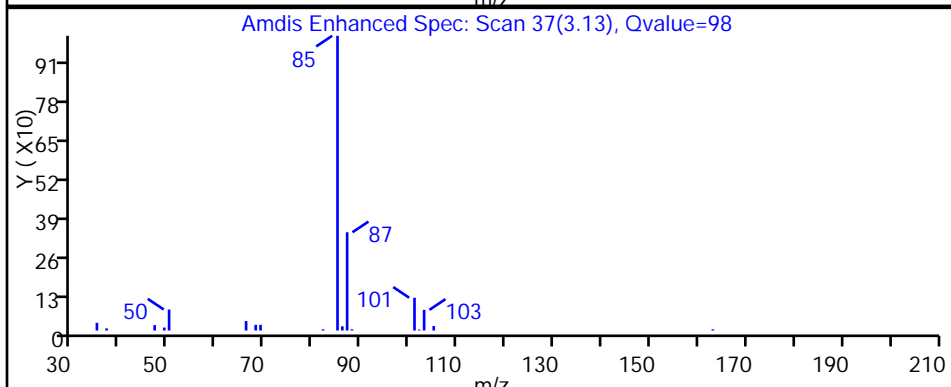
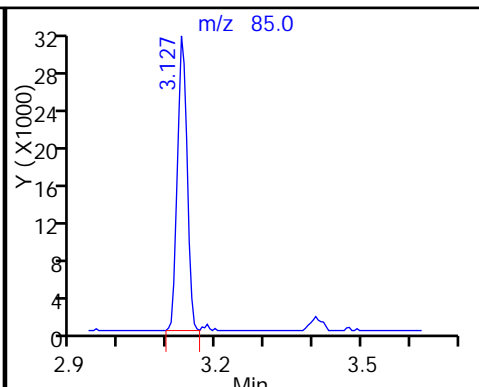
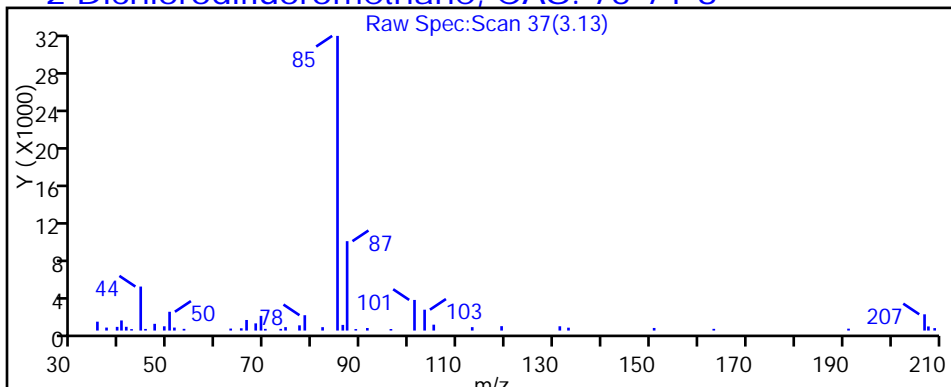
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

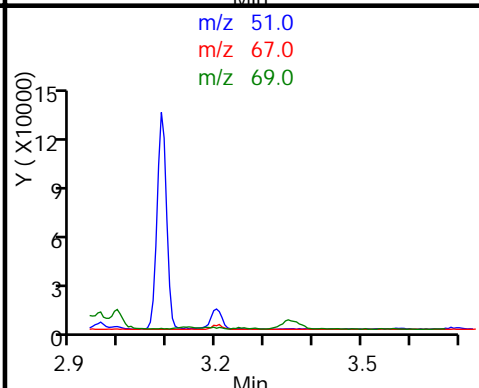
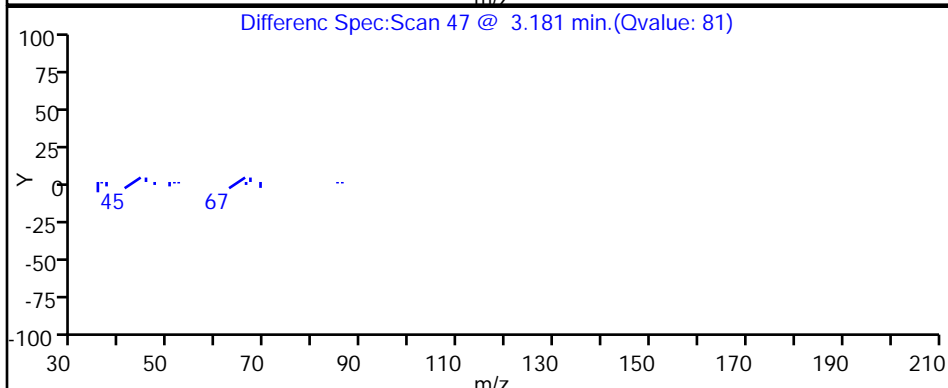
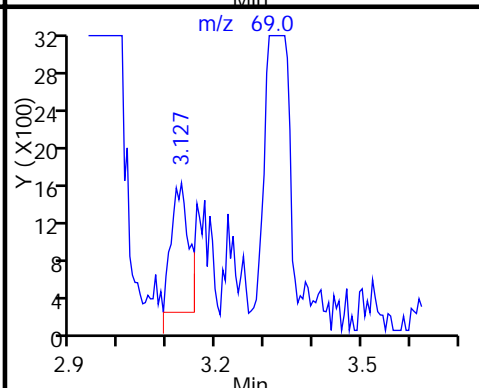
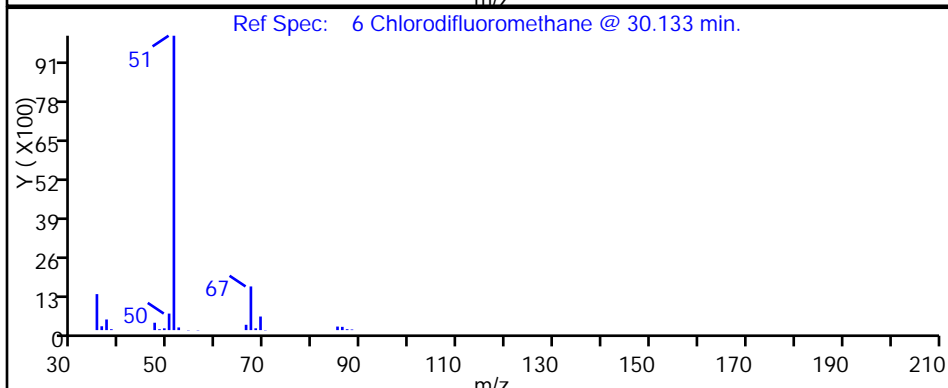
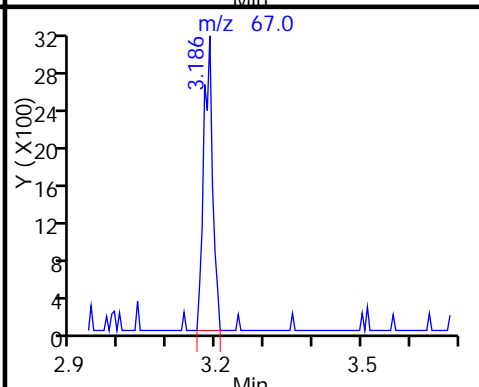
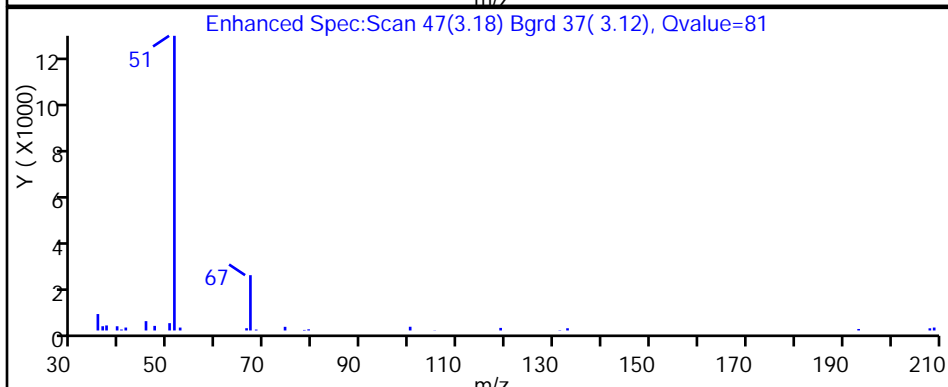
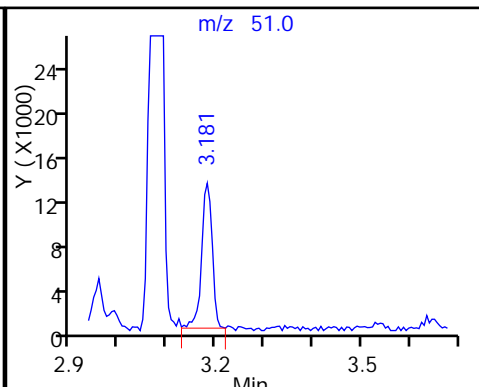
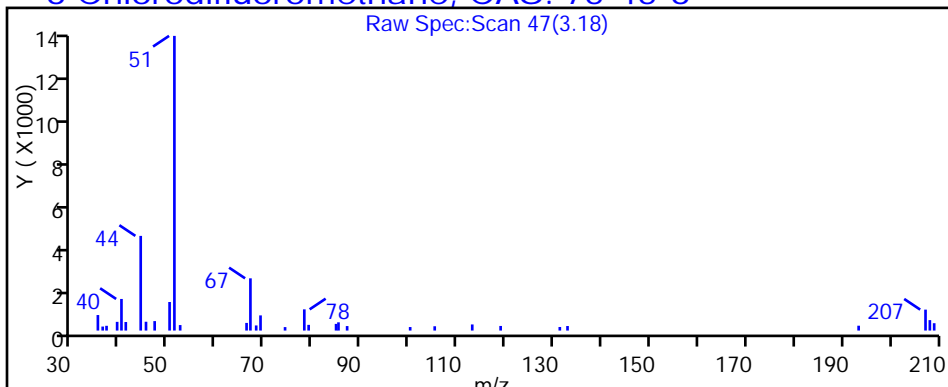
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

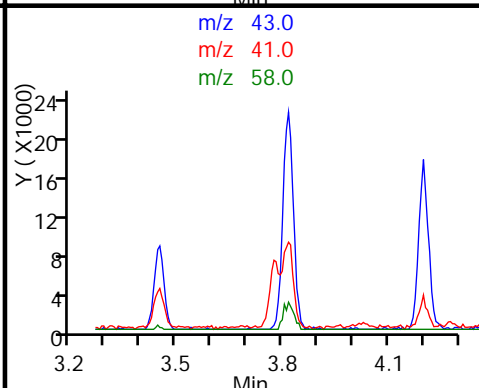
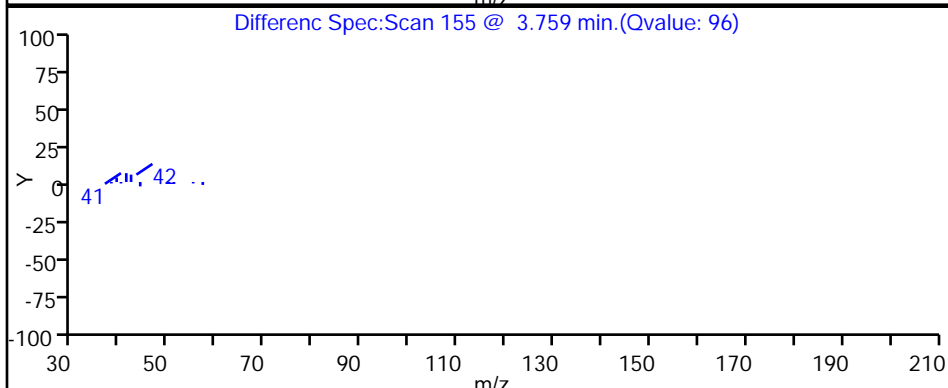
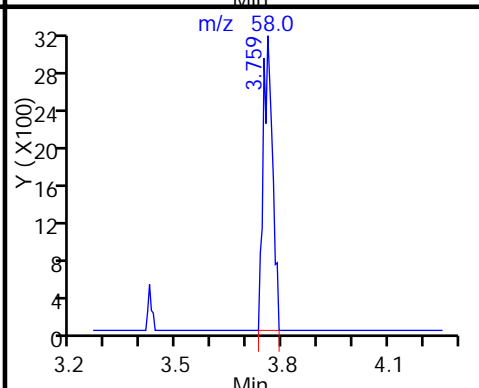
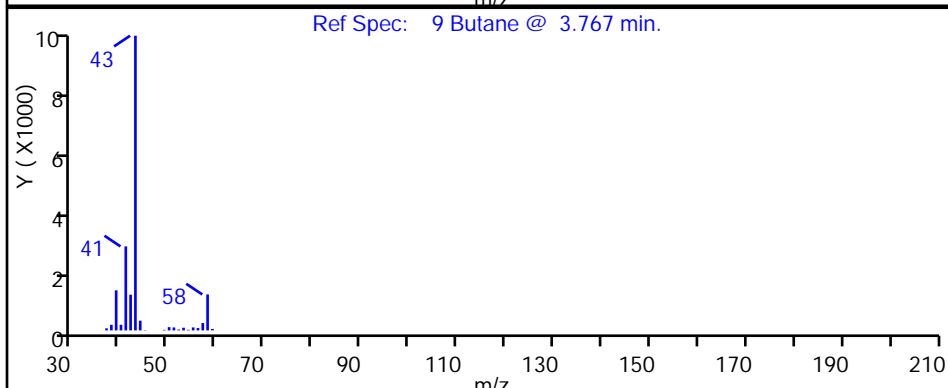
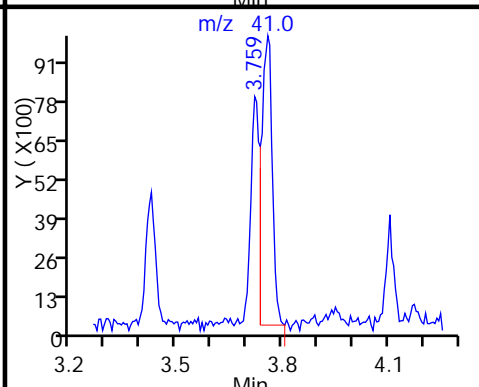
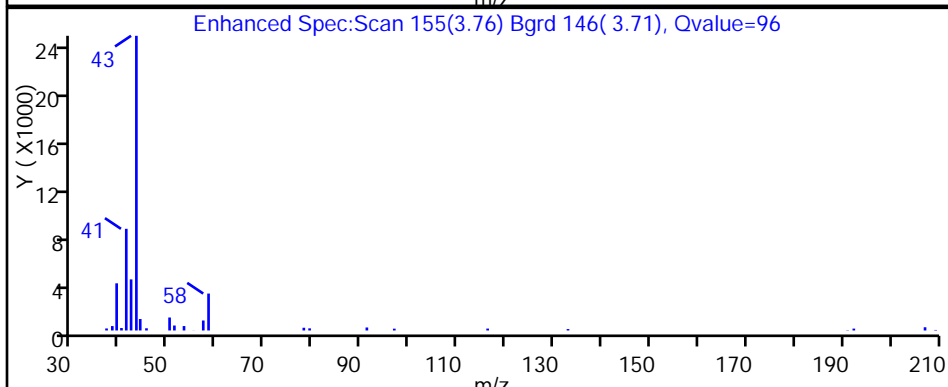
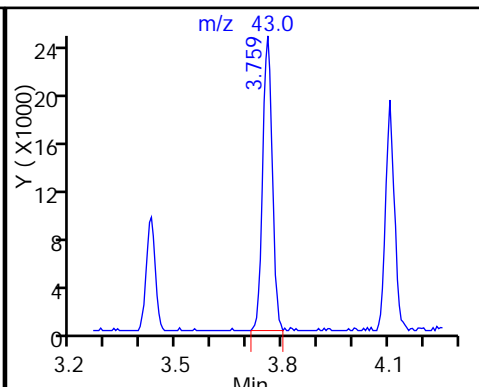
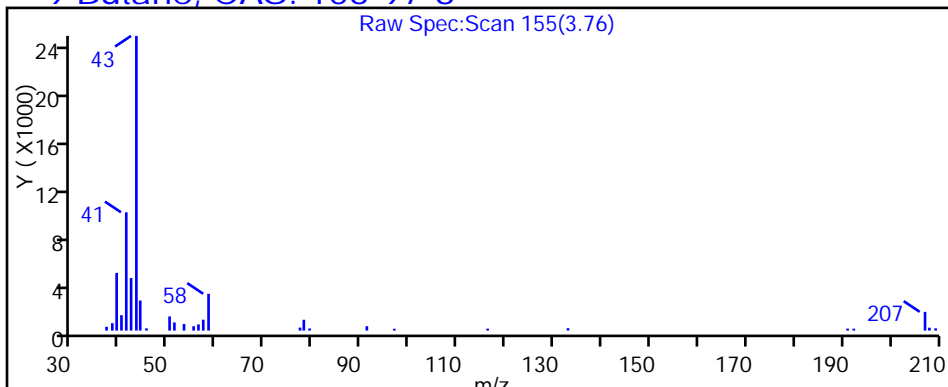
Method: TO15_LLJN_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

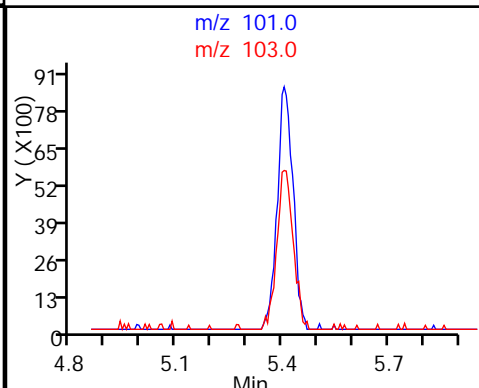
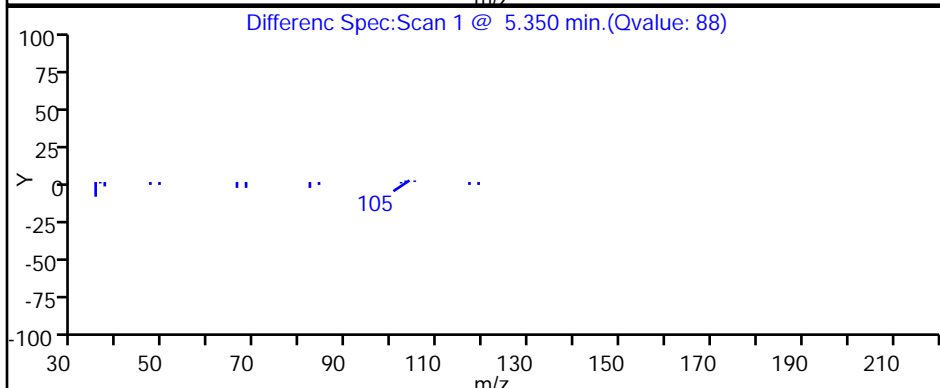
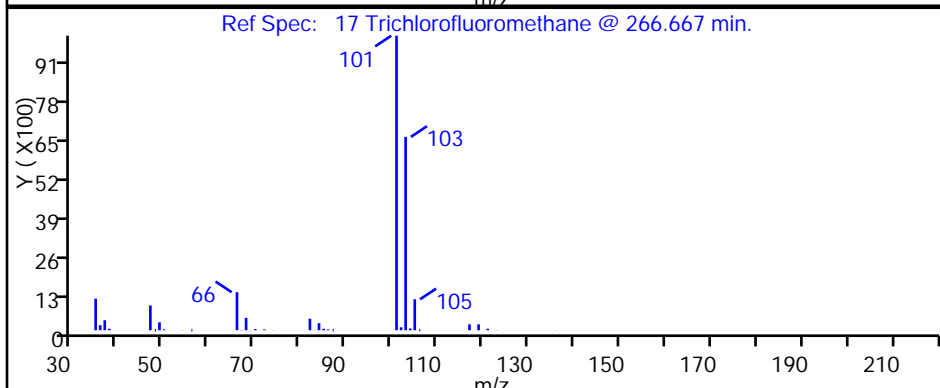
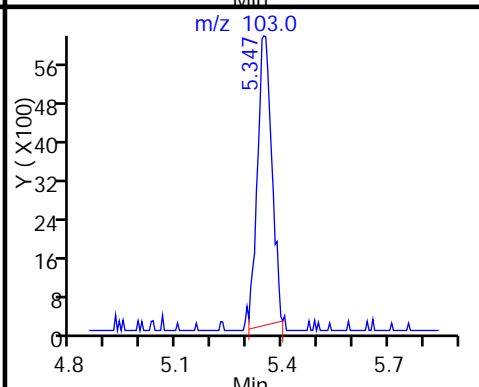
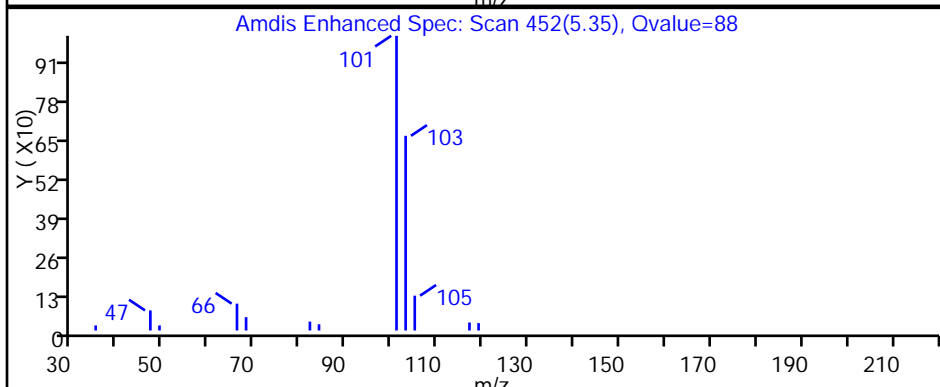
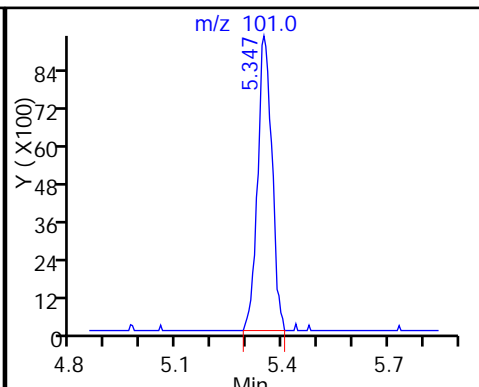
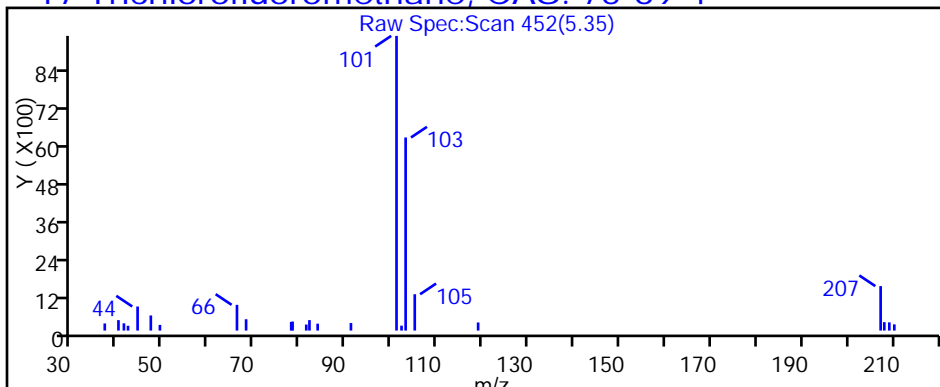
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

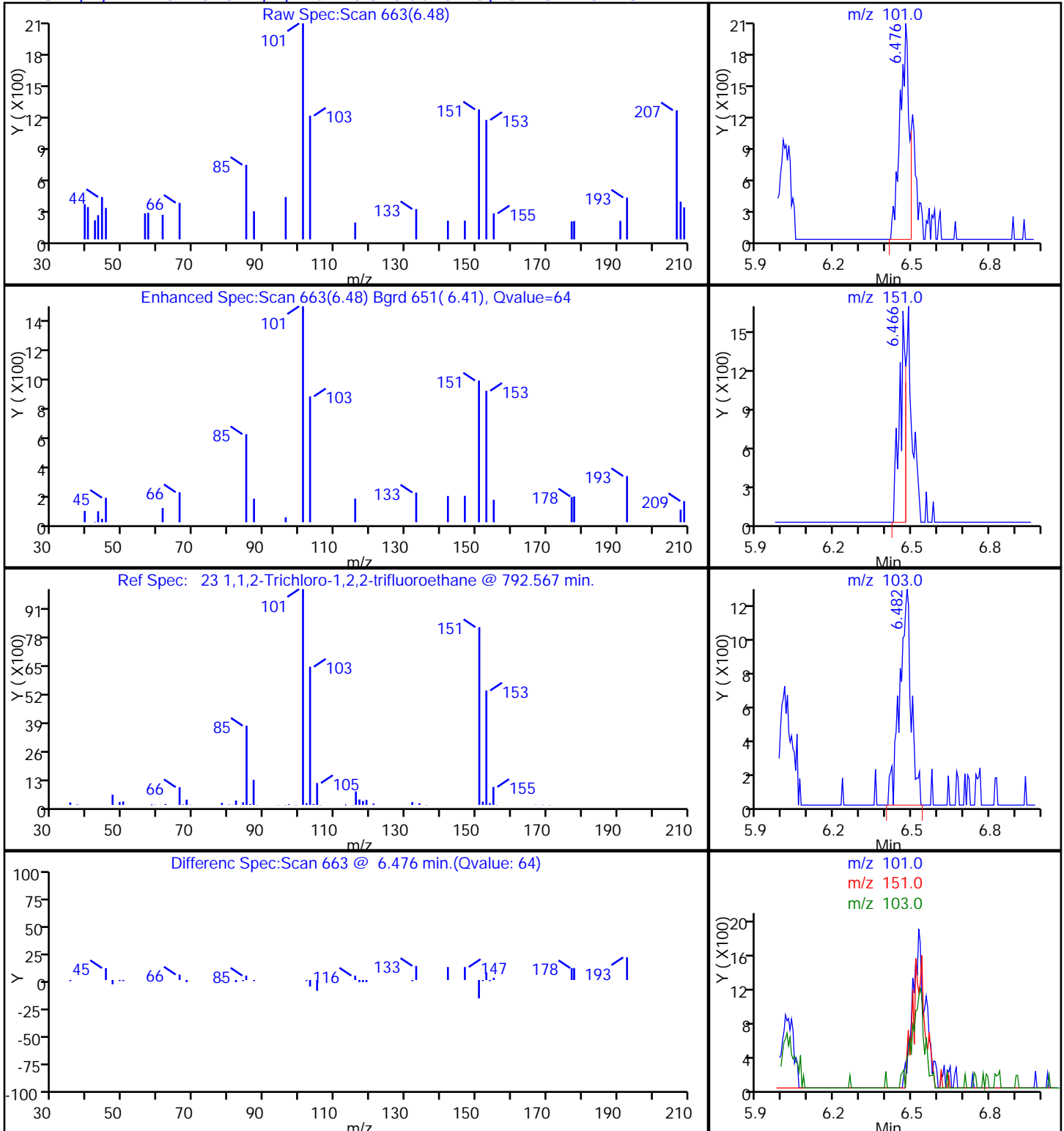
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

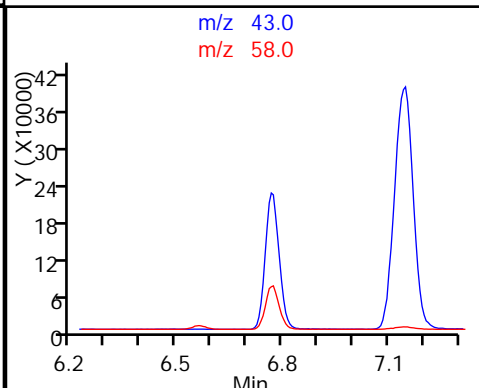
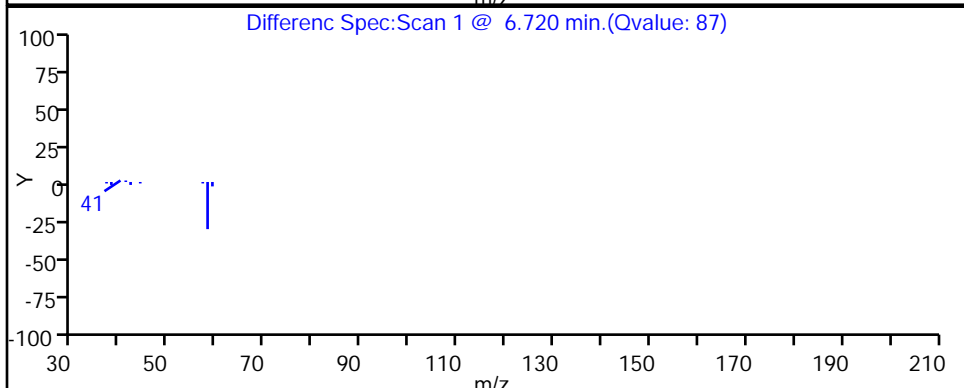
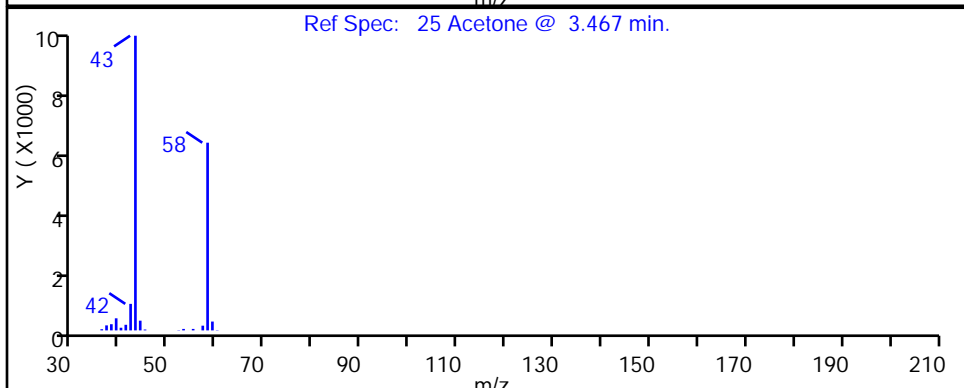
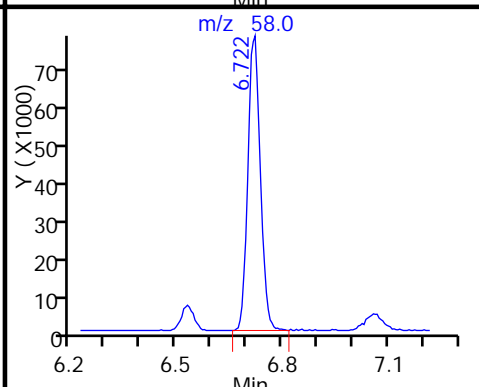
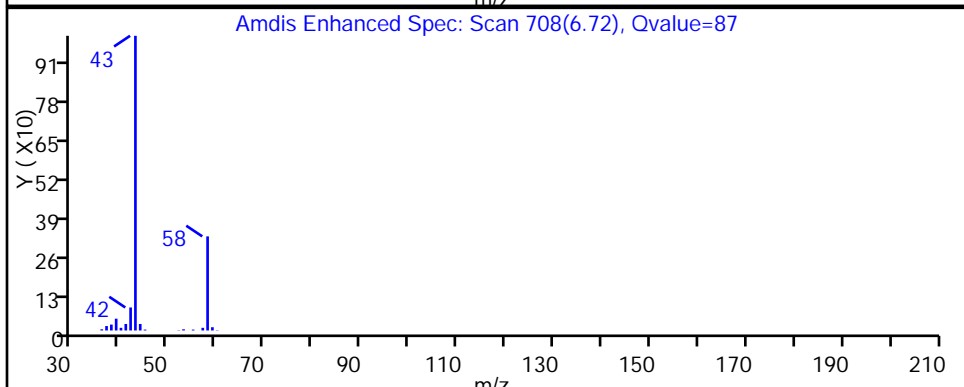
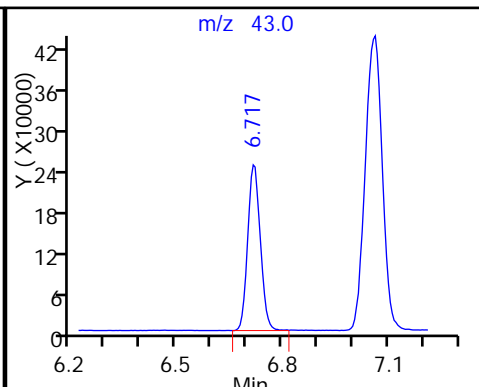
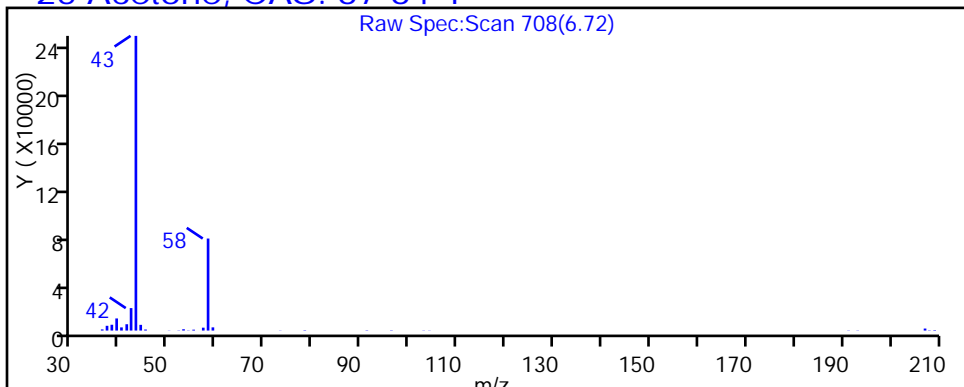
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

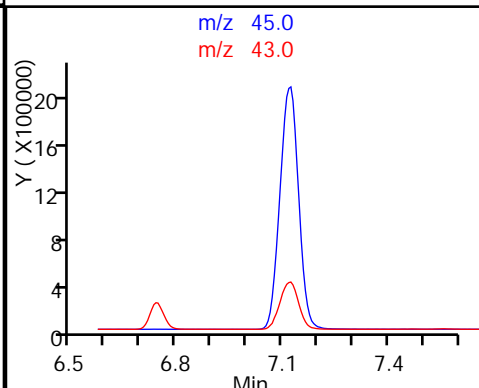
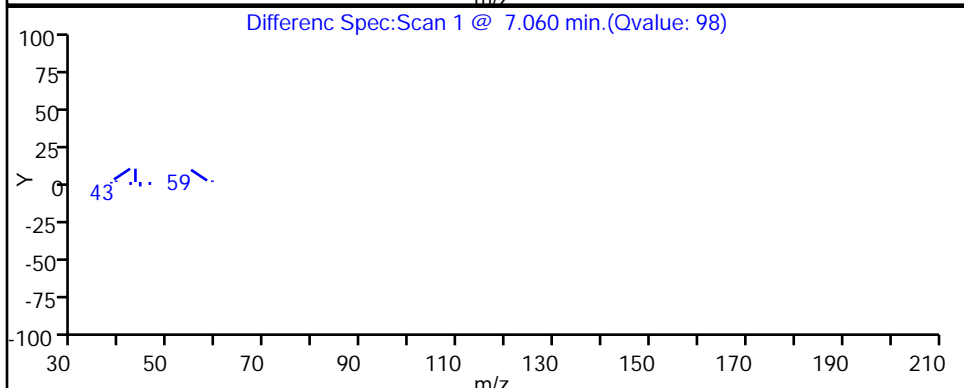
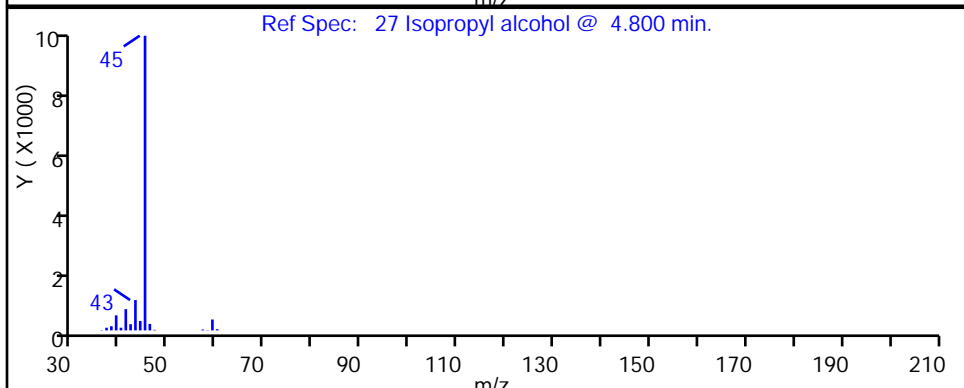
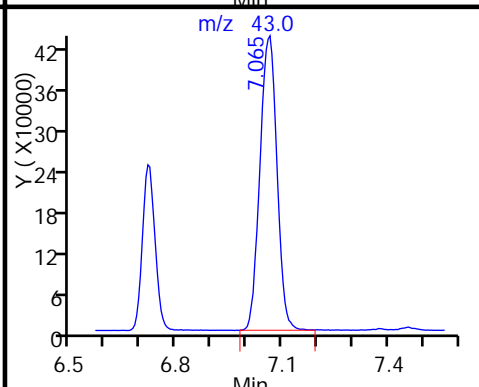
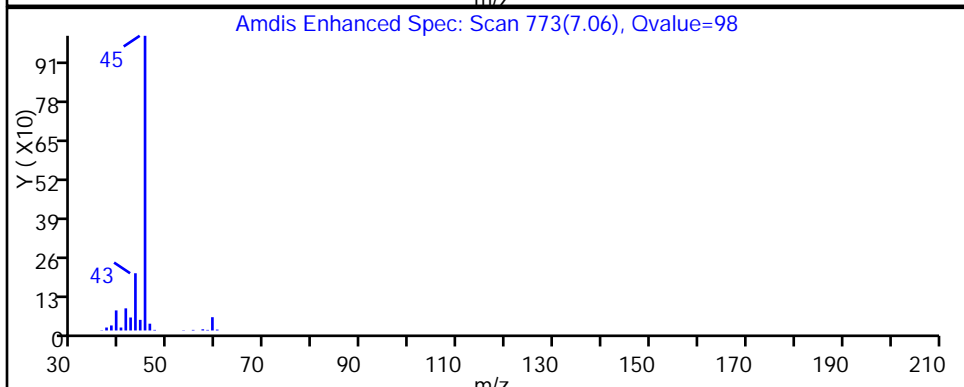
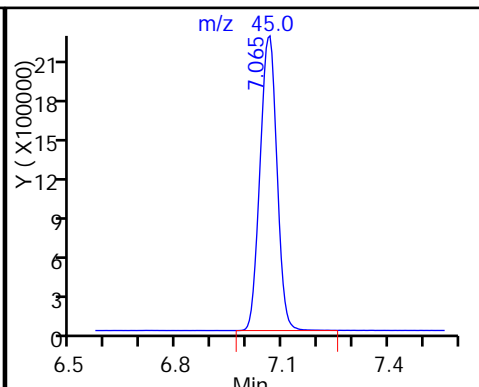
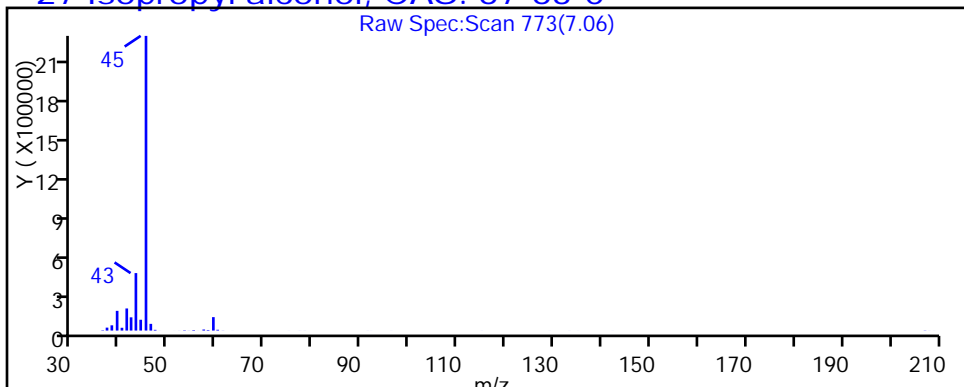
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

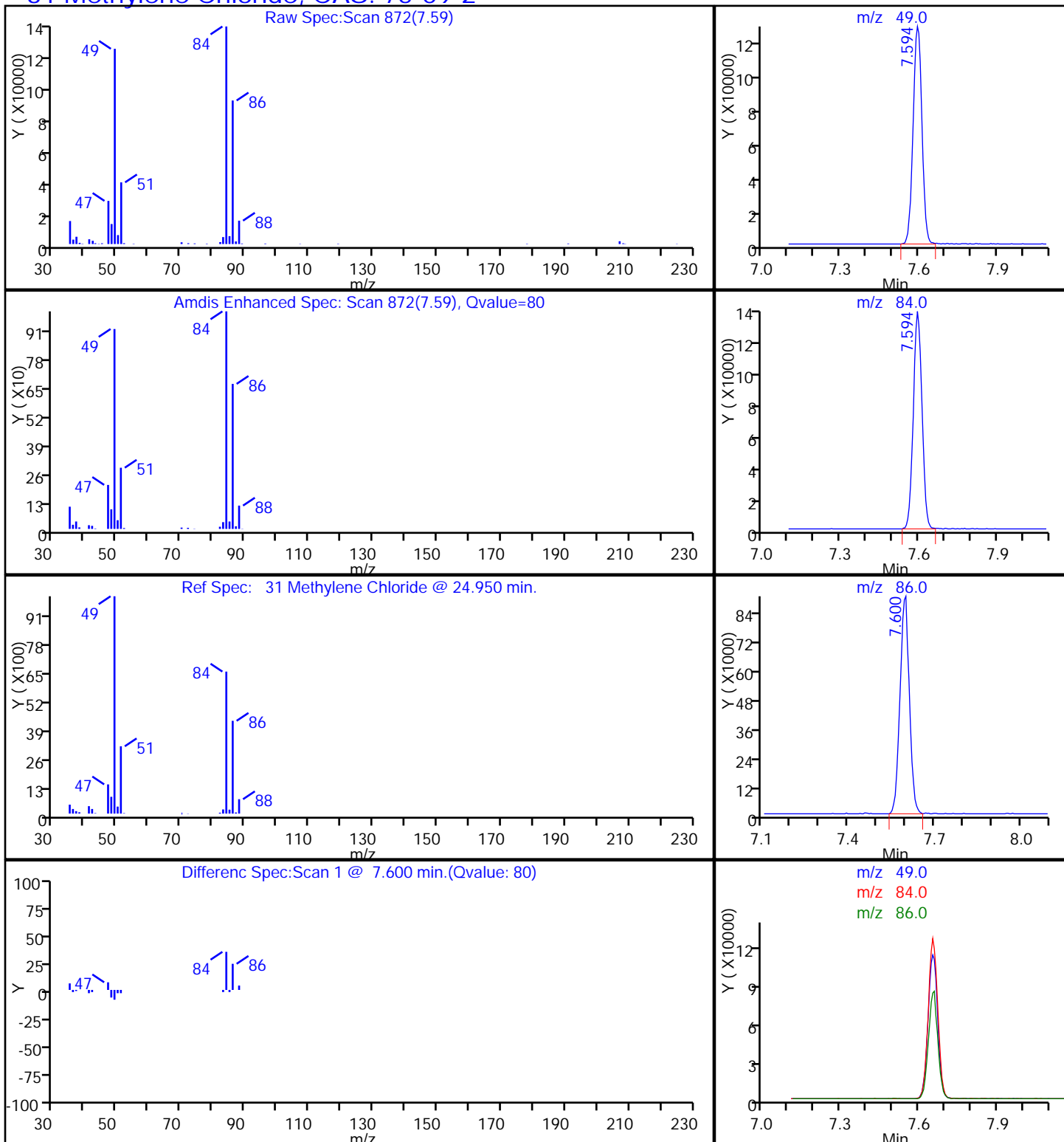
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

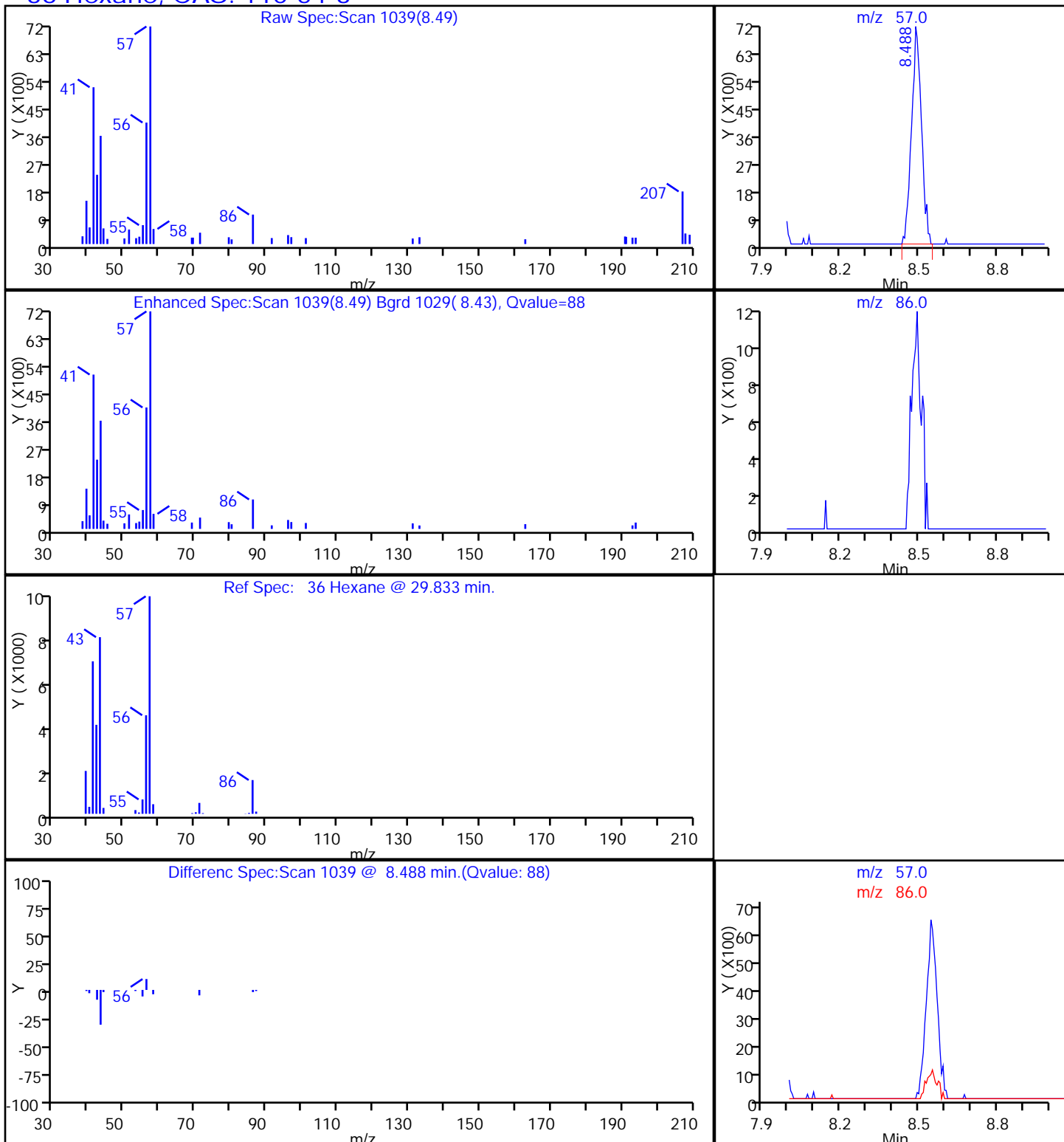
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

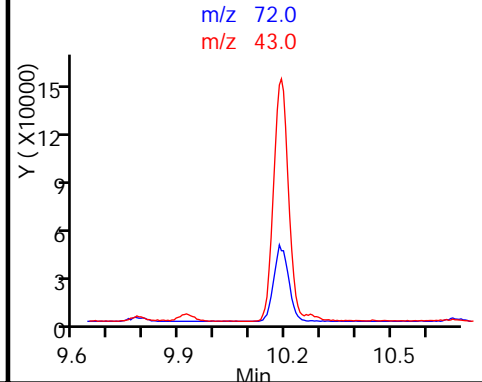
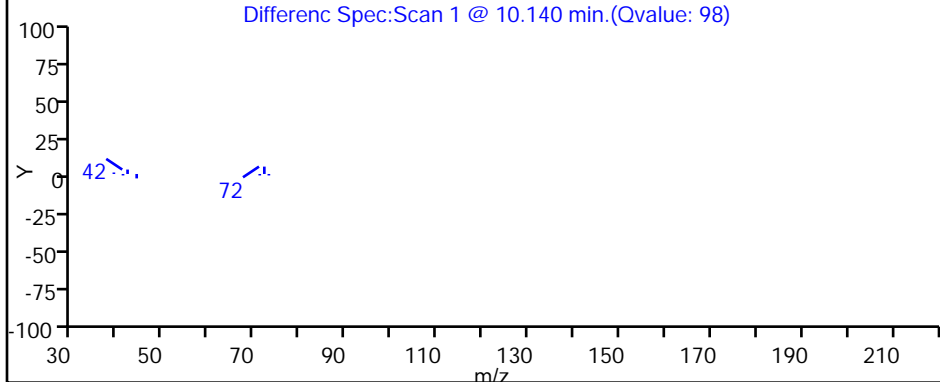
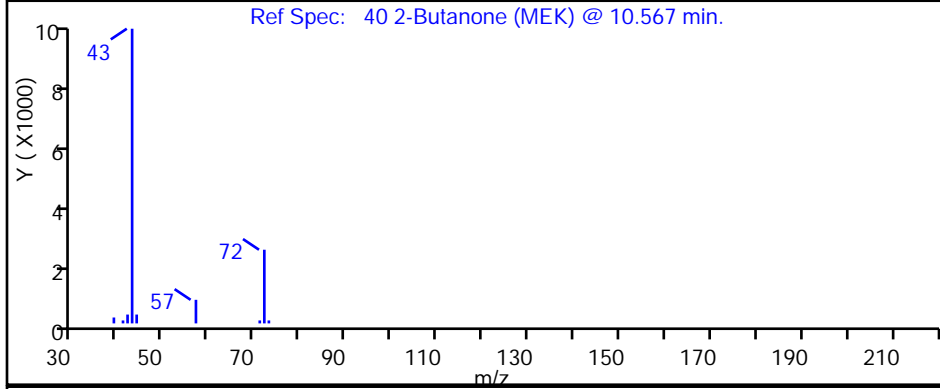
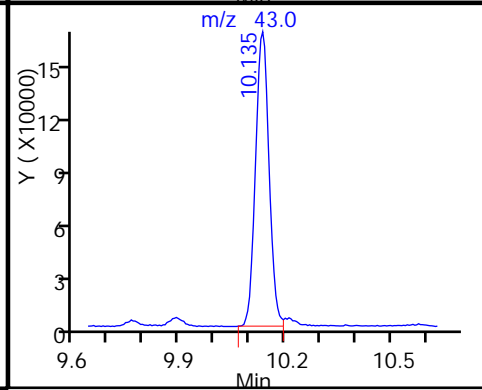
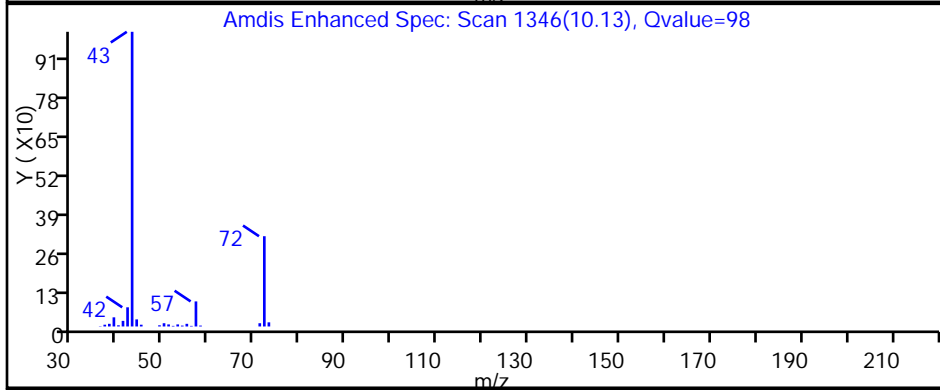
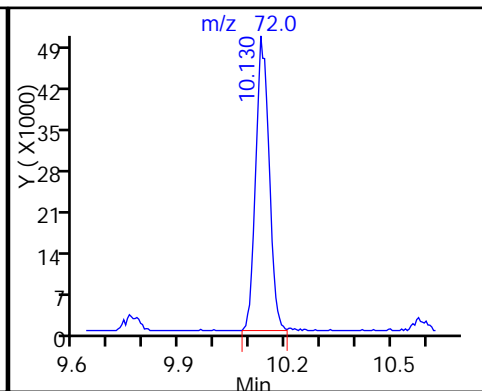
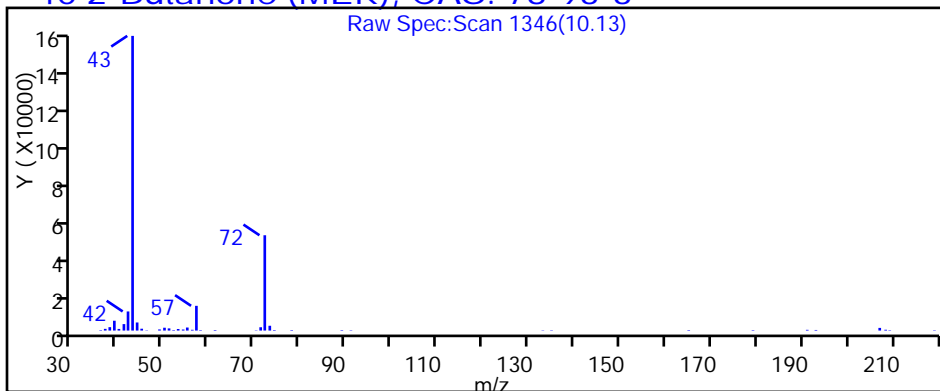
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

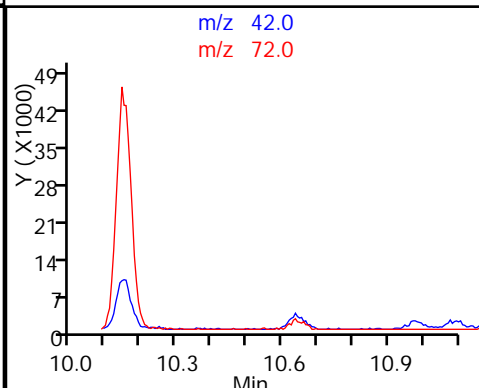
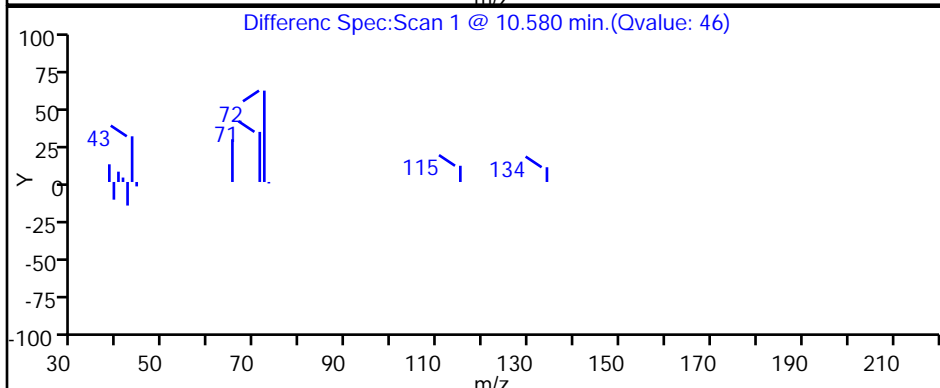
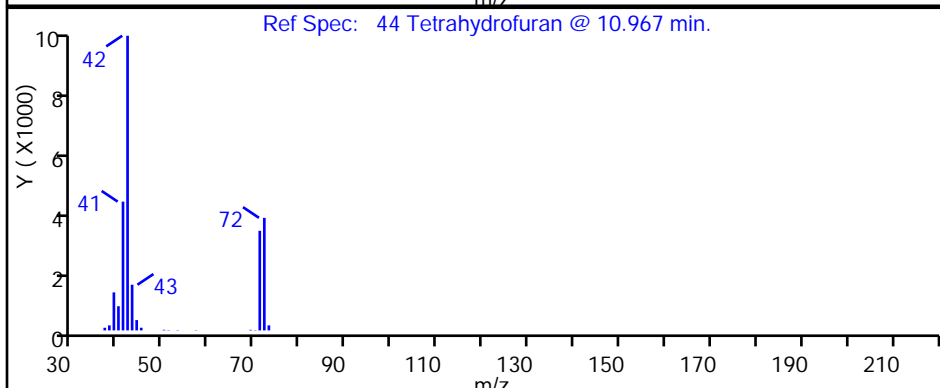
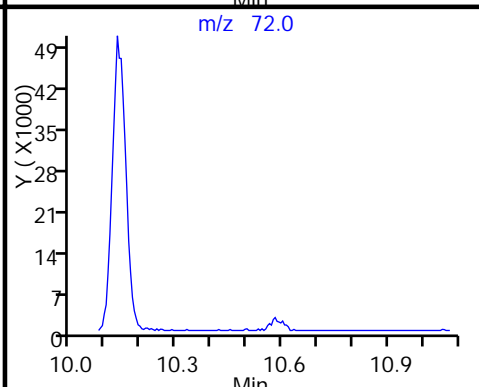
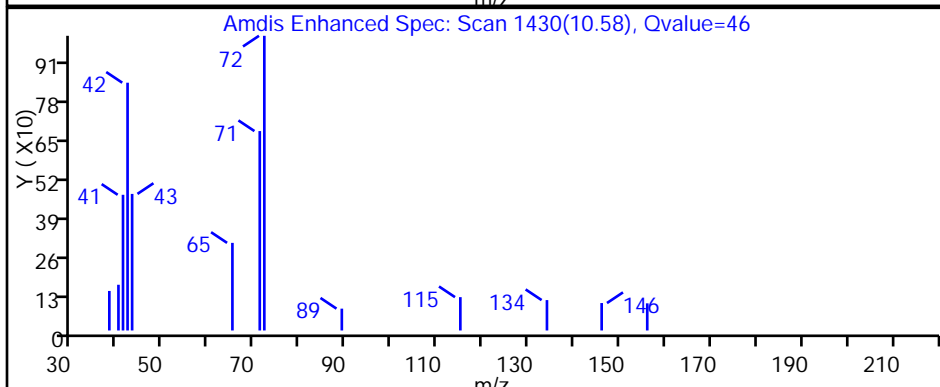
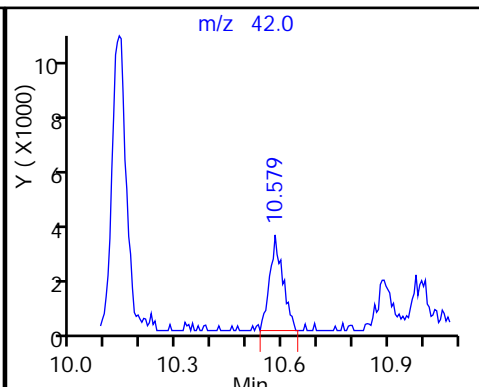
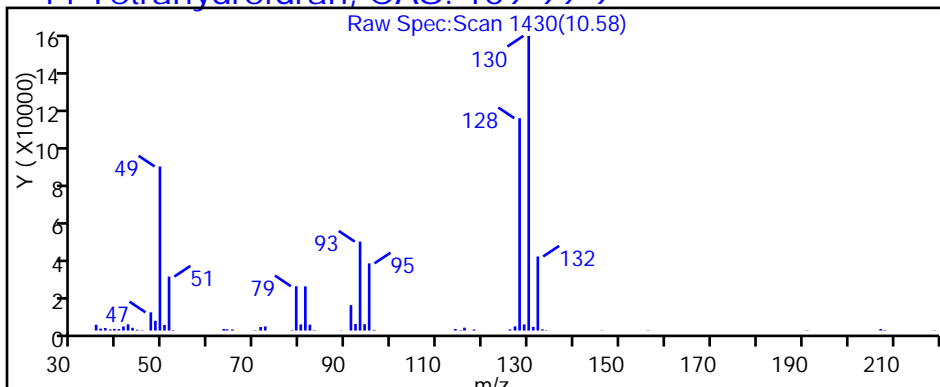
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

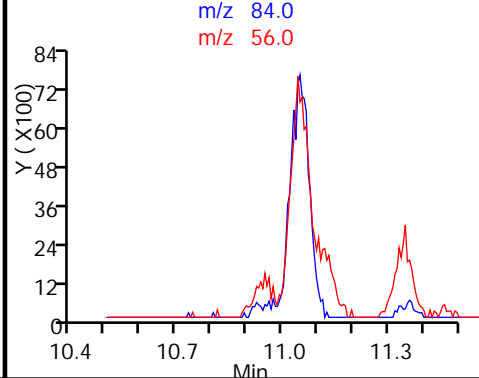
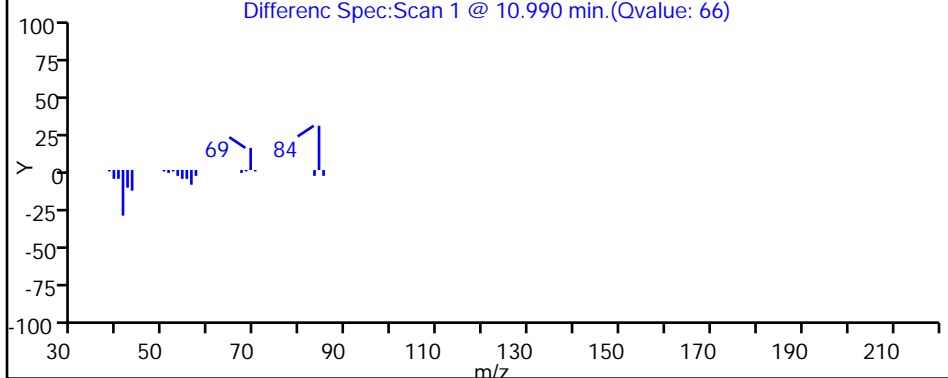
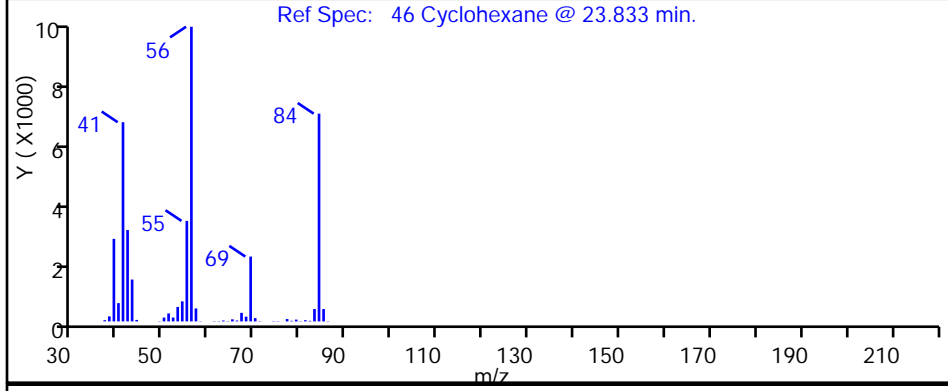
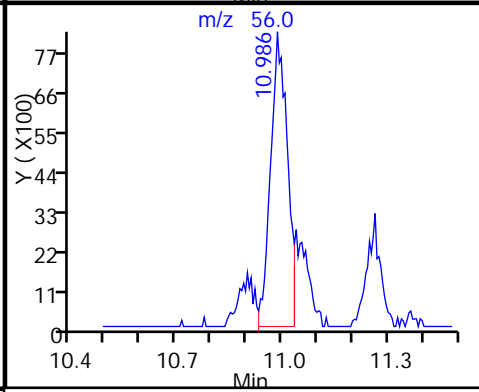
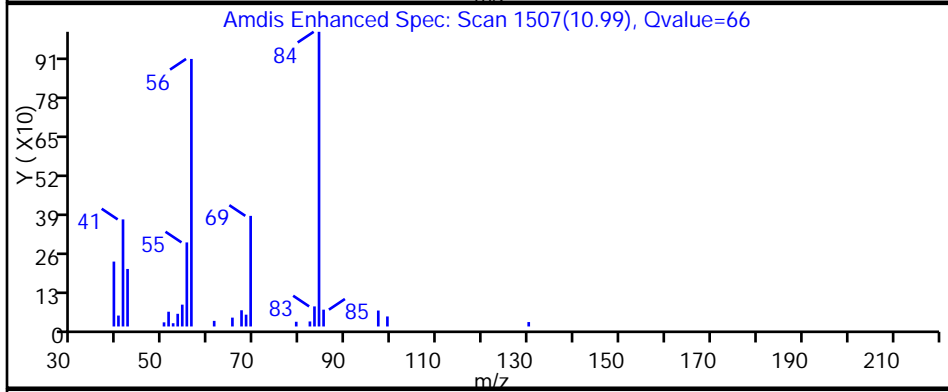
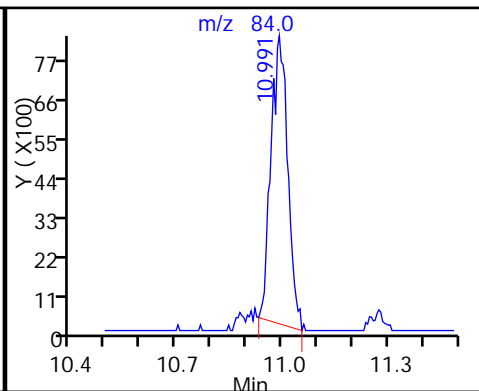
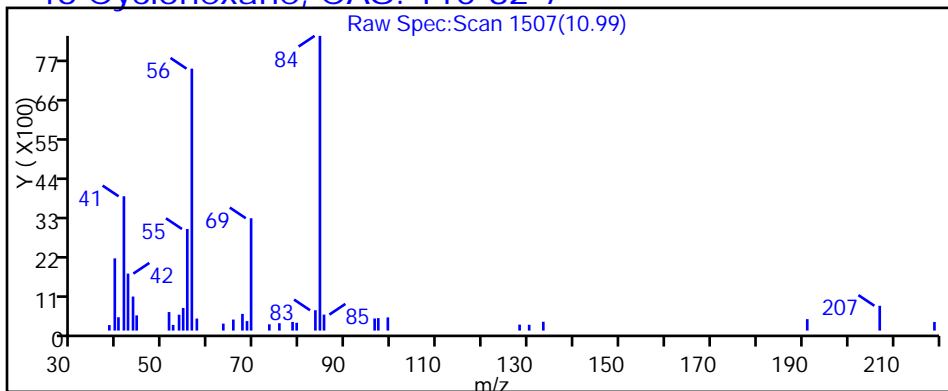
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

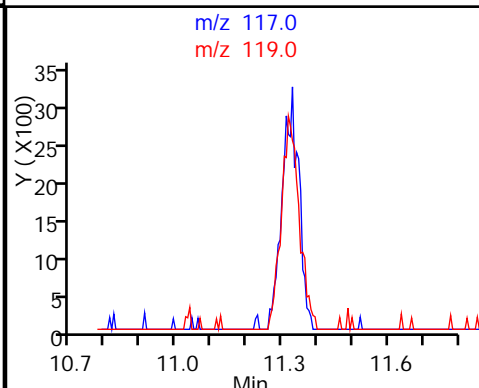
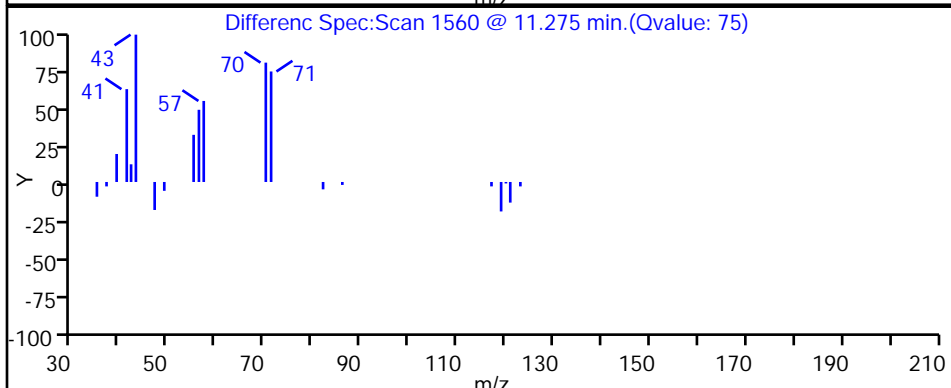
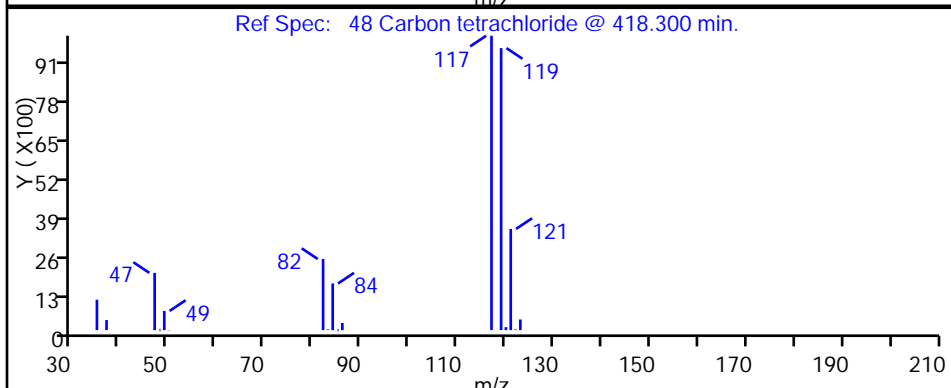
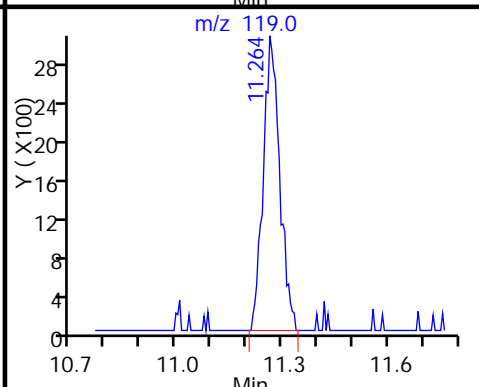
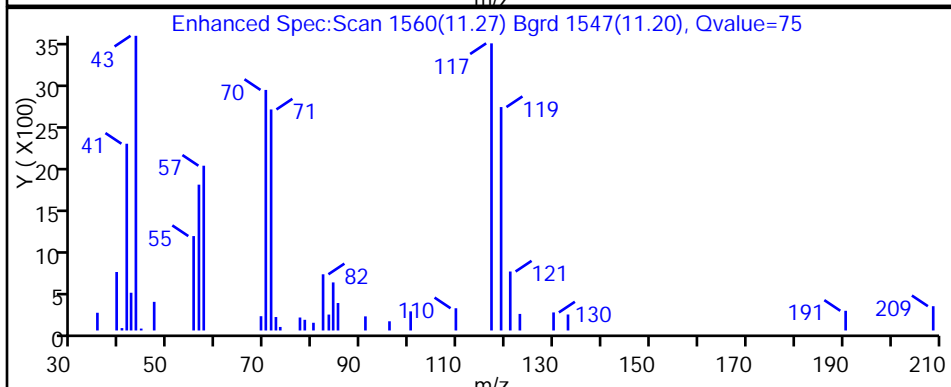
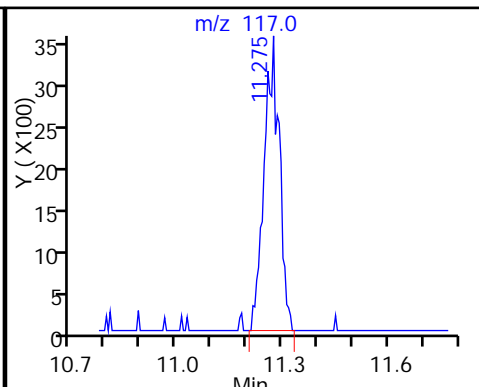
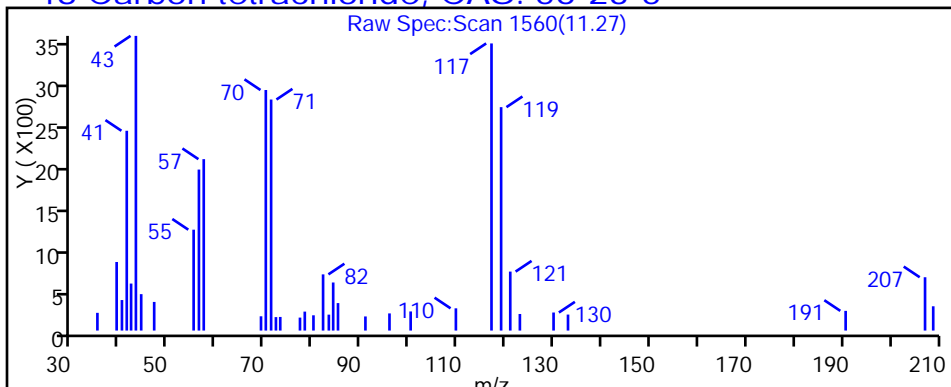
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

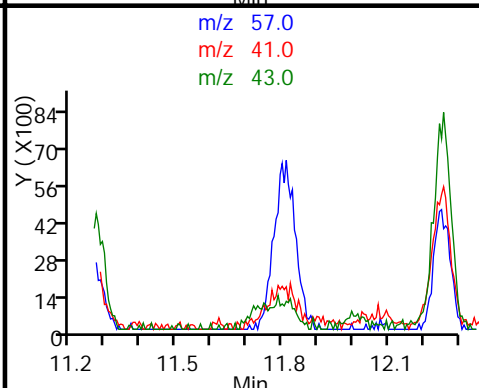
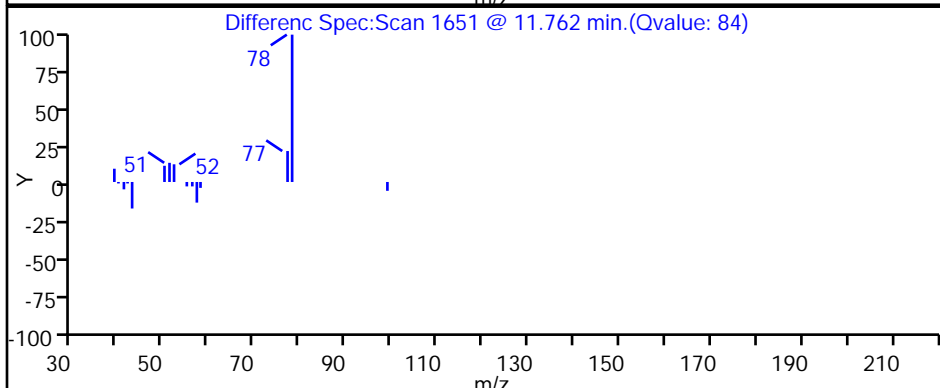
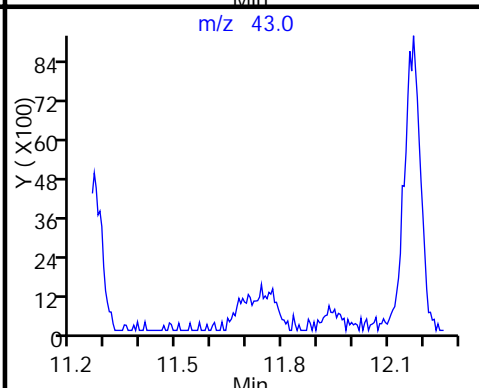
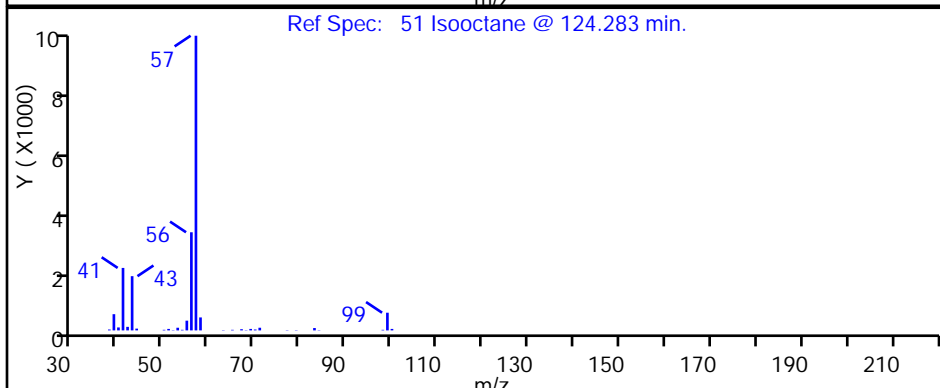
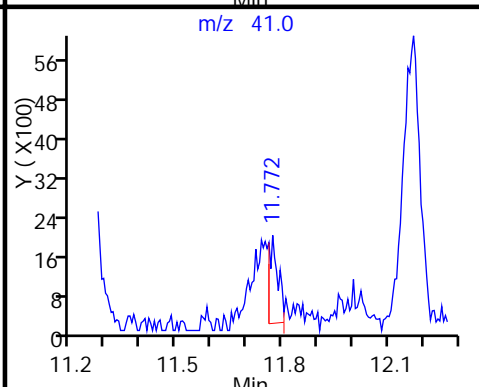
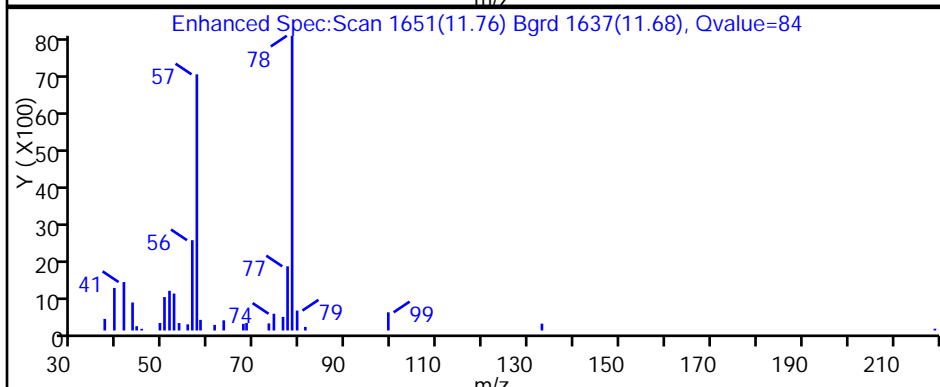
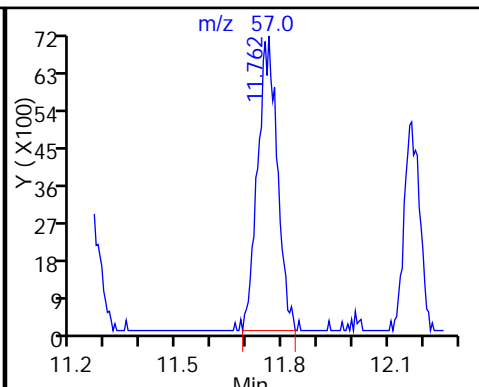
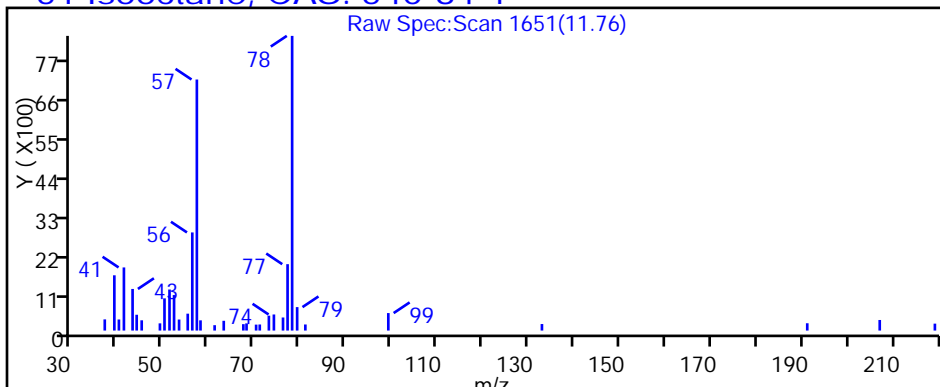
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

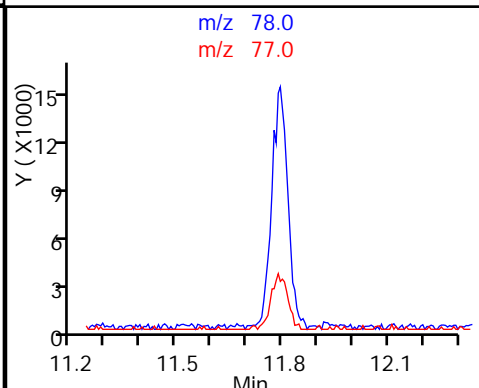
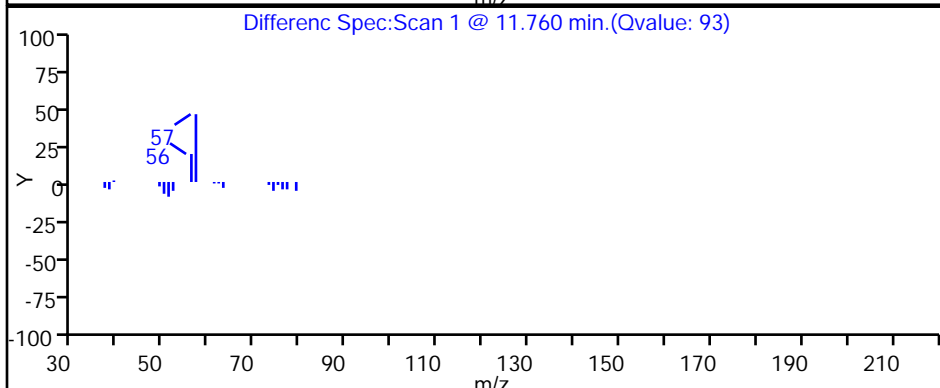
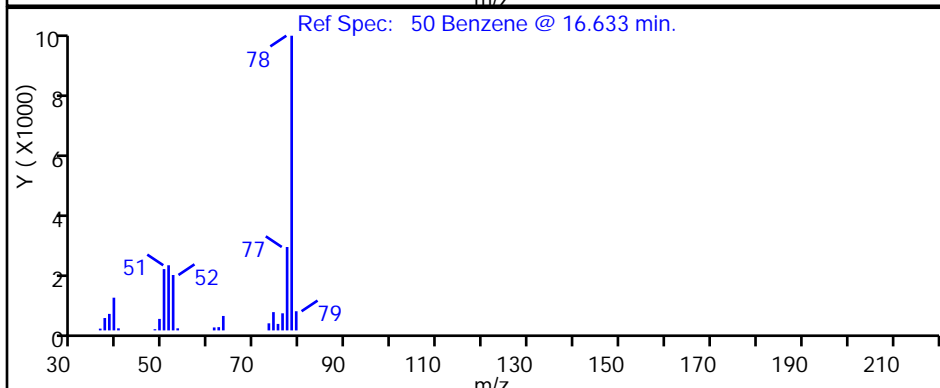
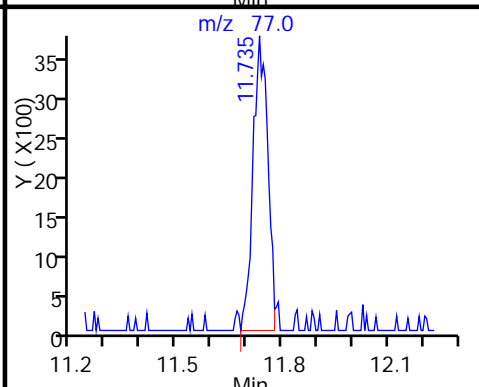
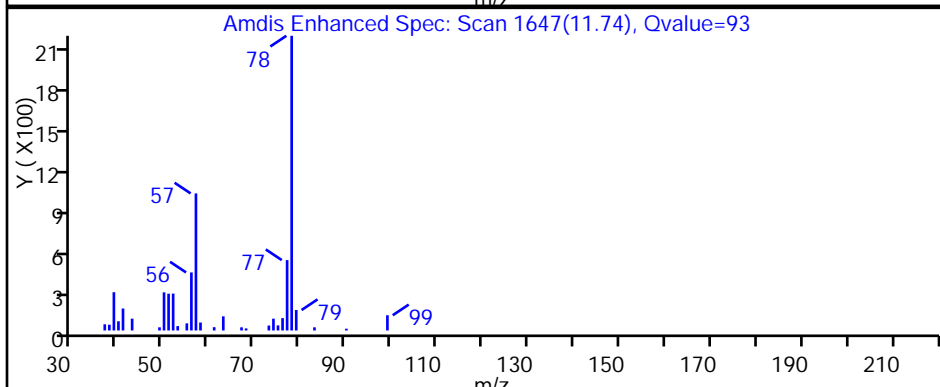
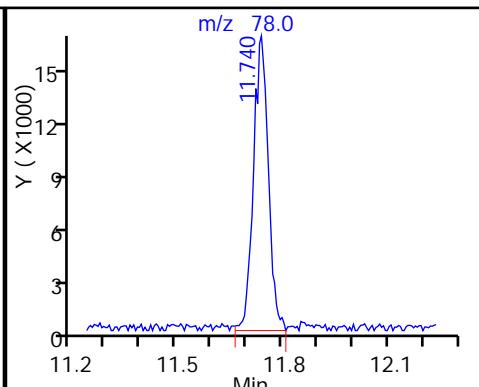
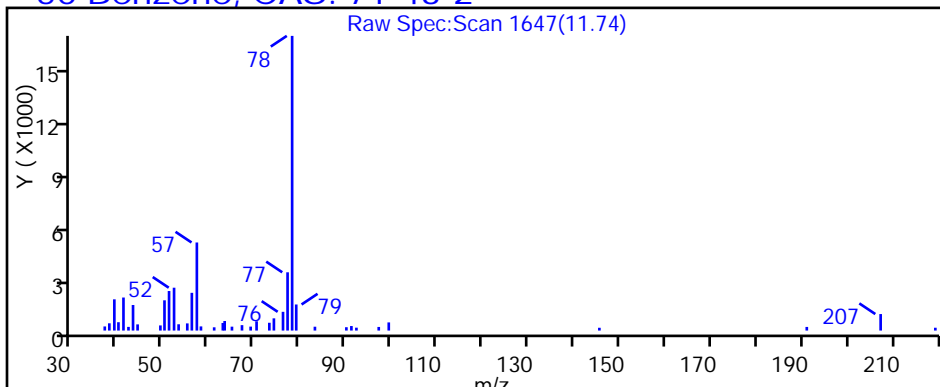
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

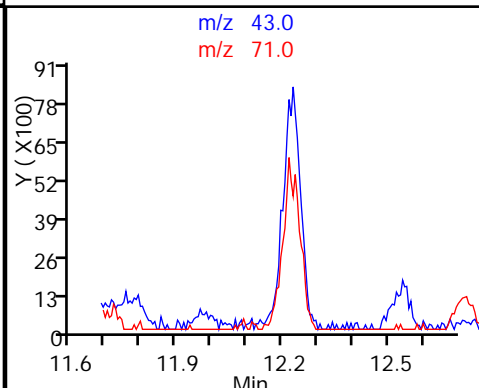
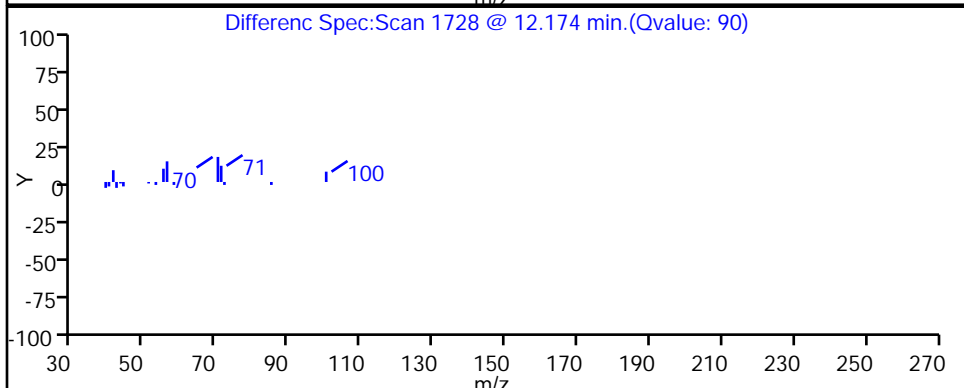
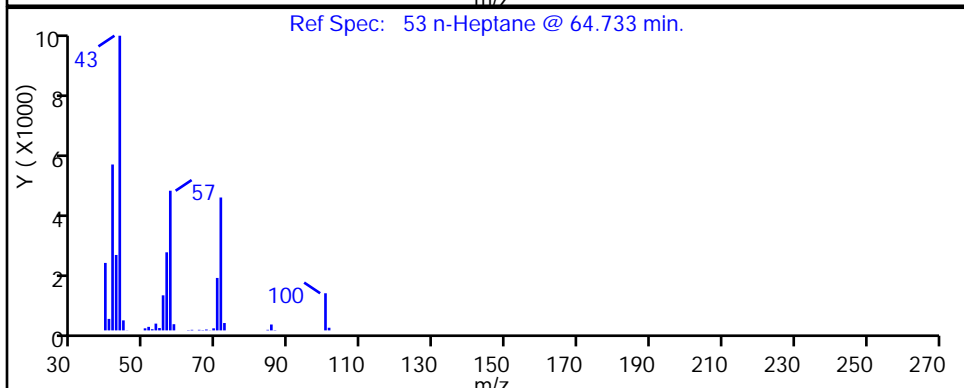
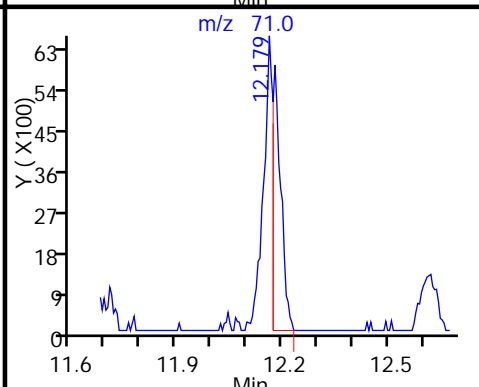
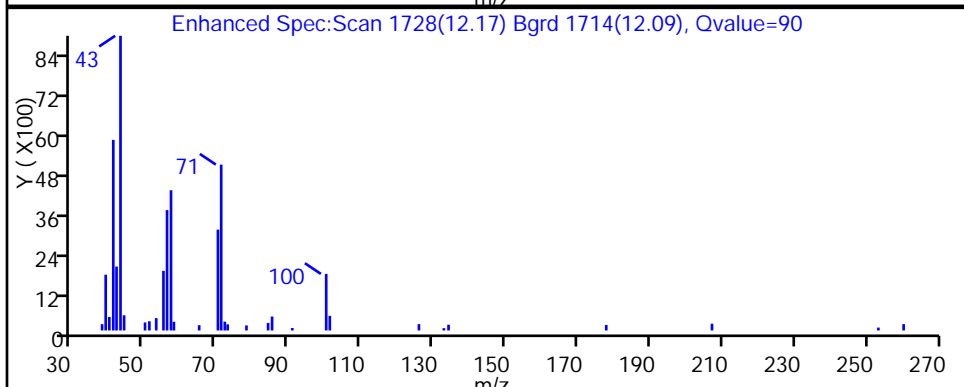
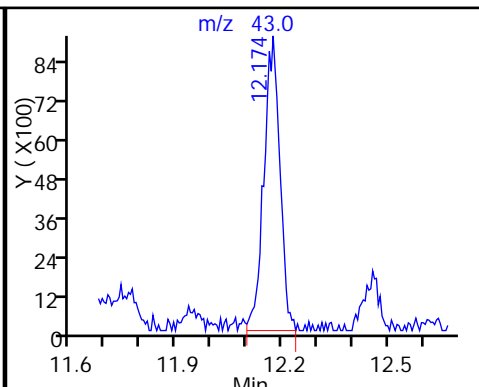
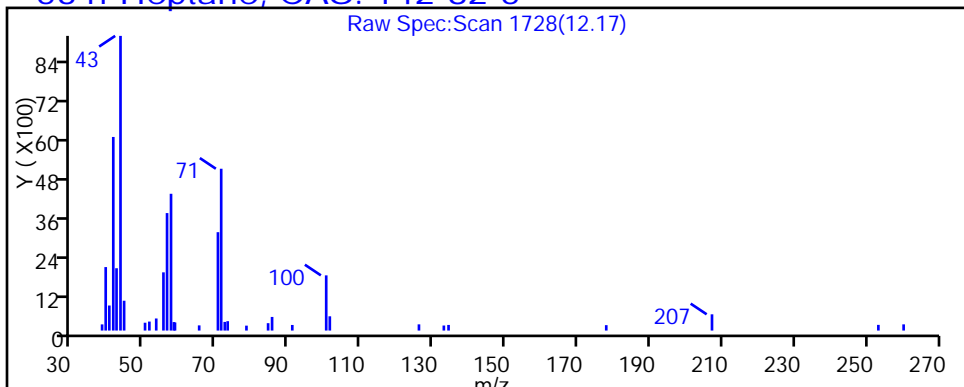
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

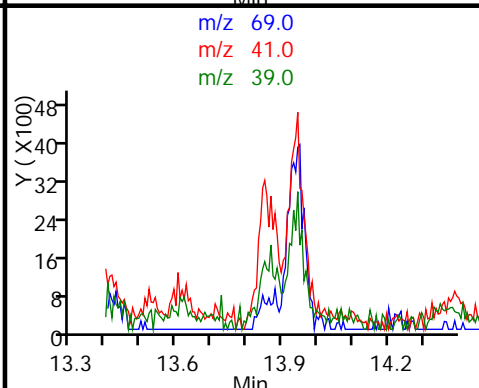
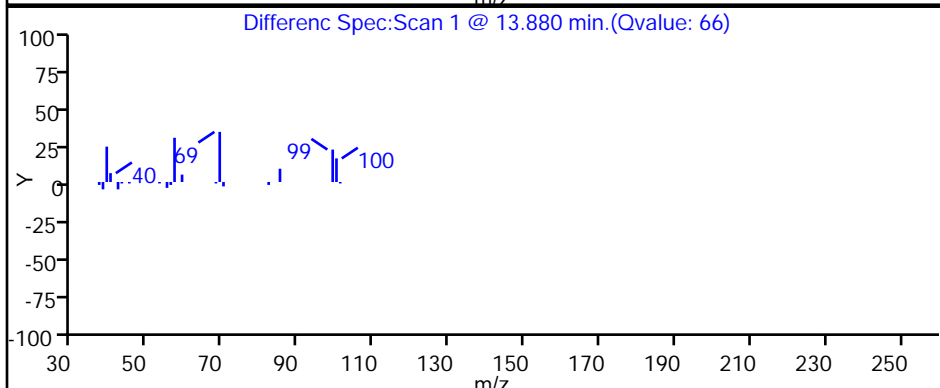
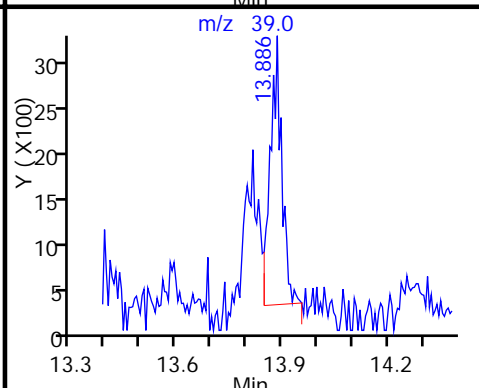
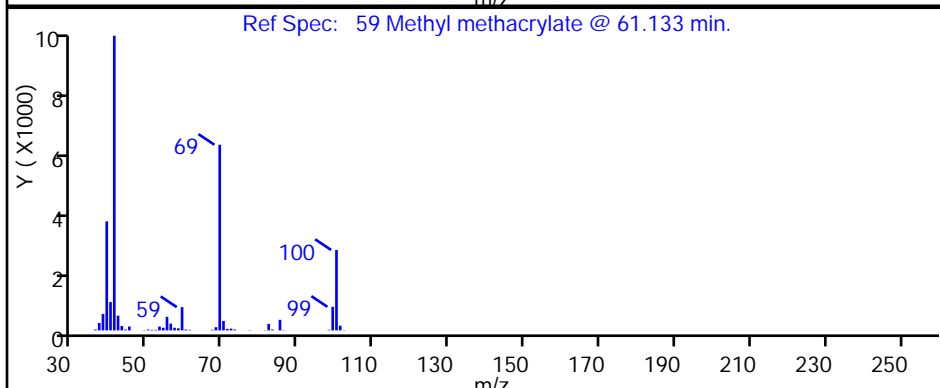
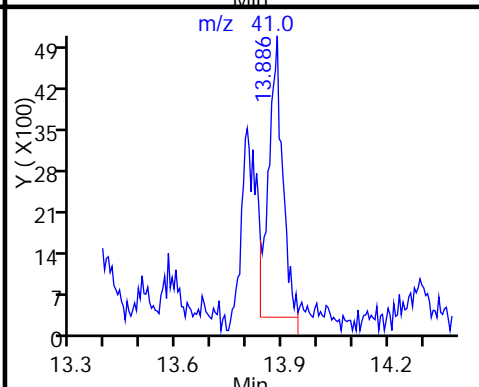
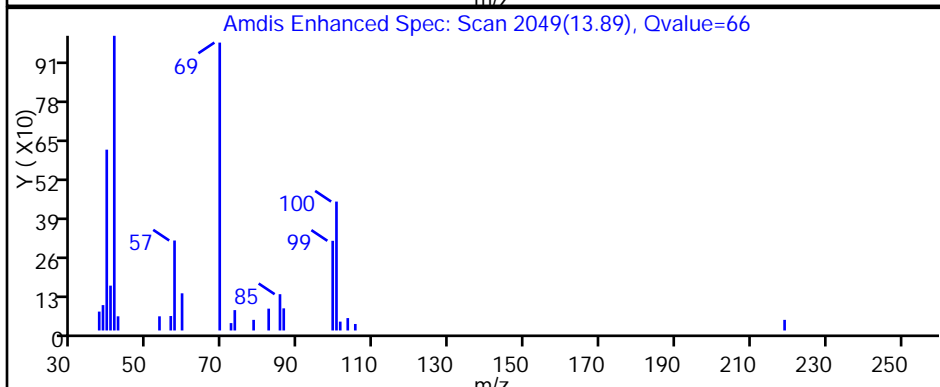
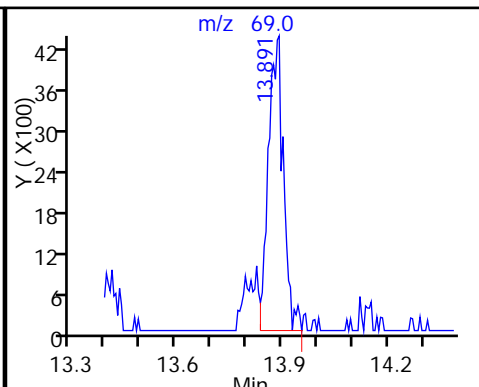
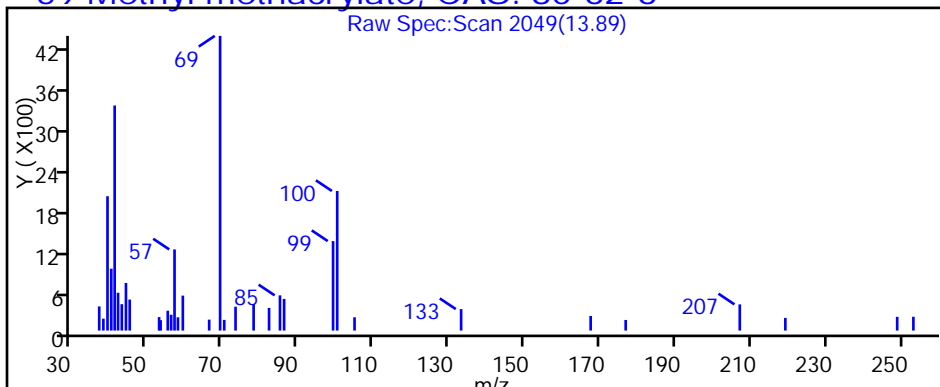
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

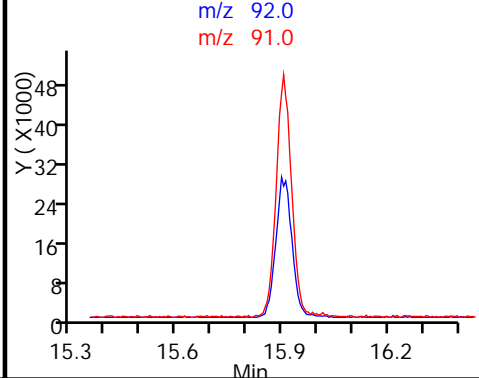
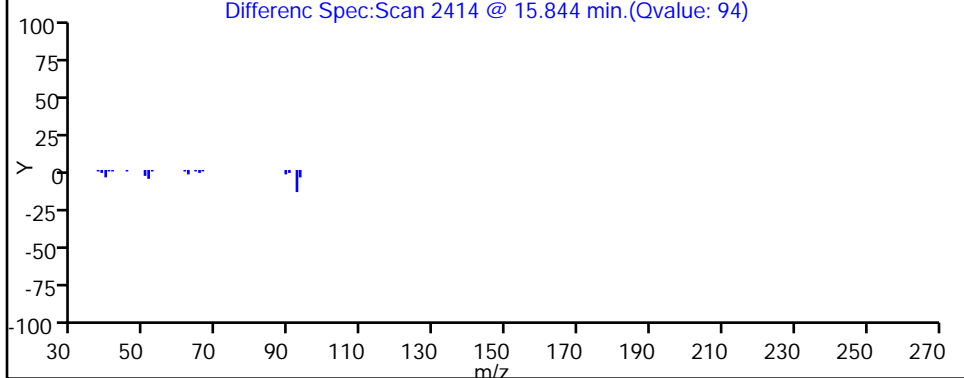
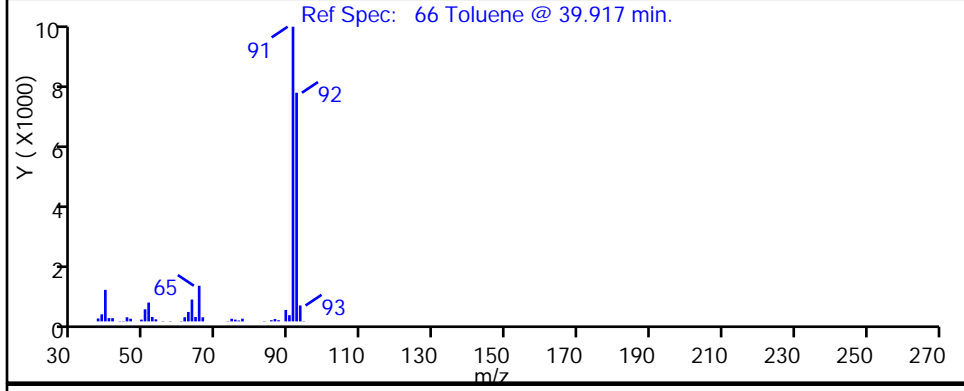
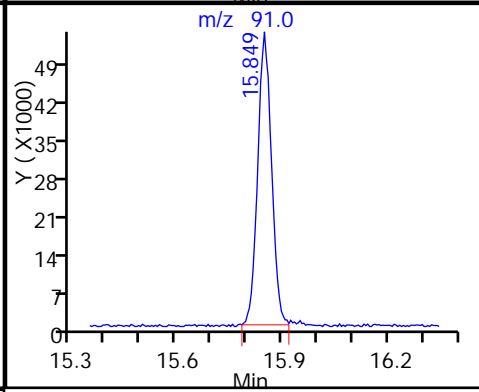
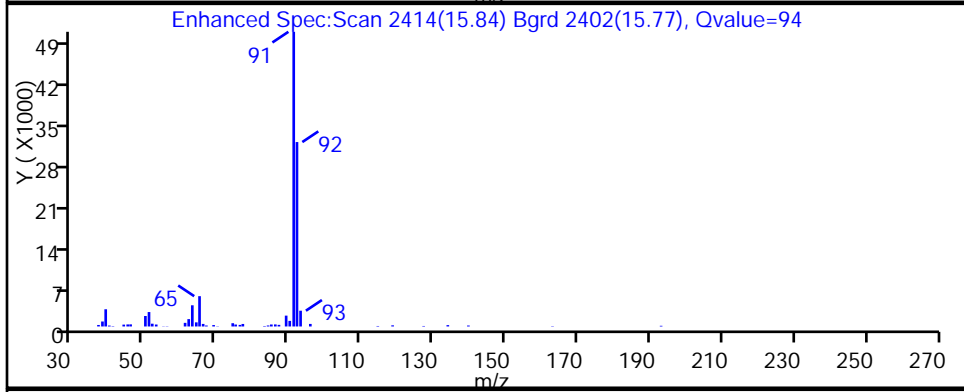
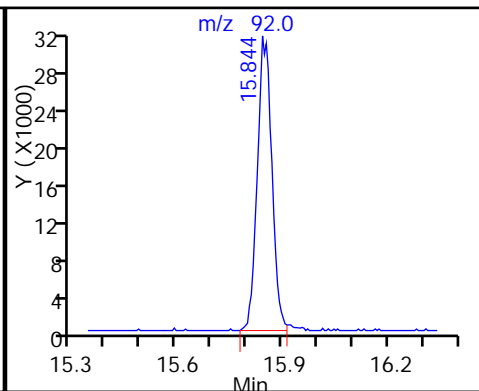
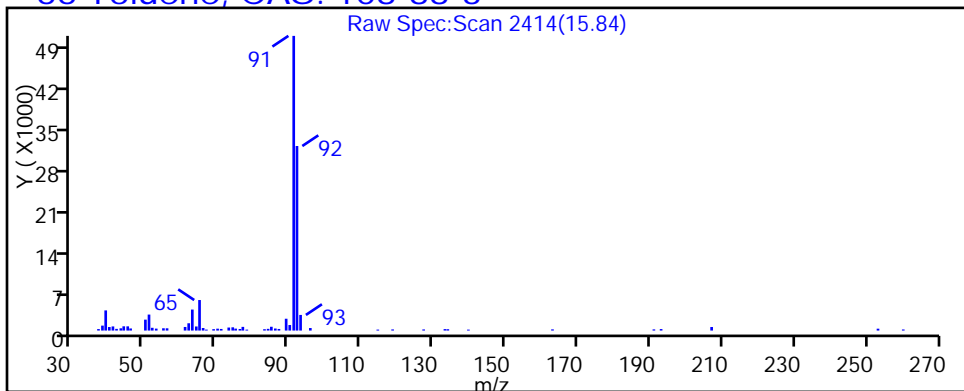
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

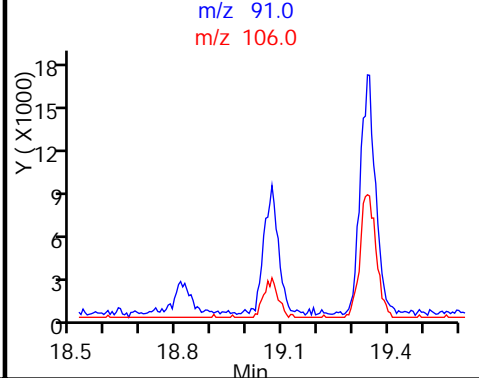
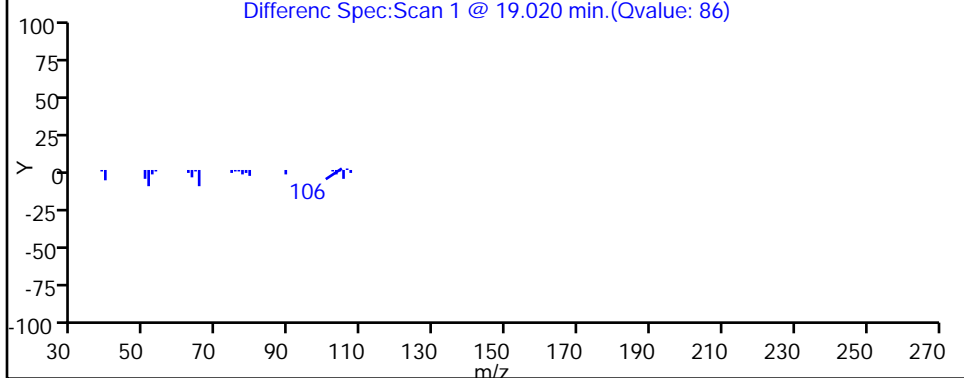
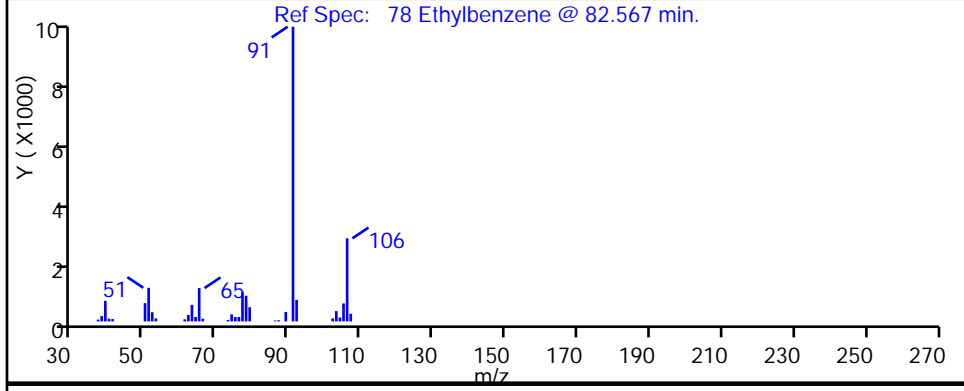
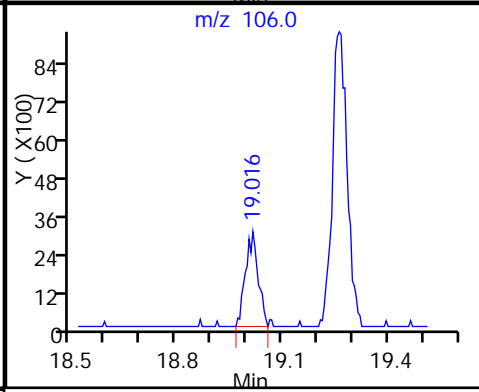
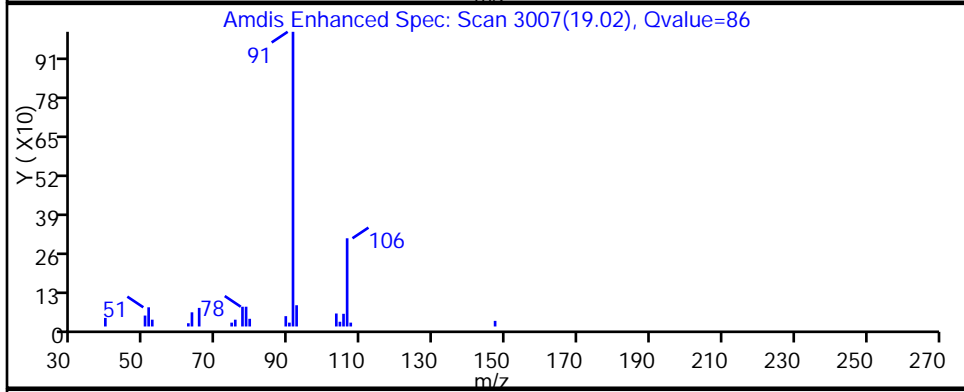
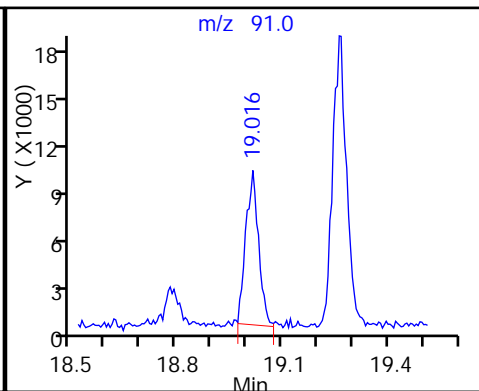
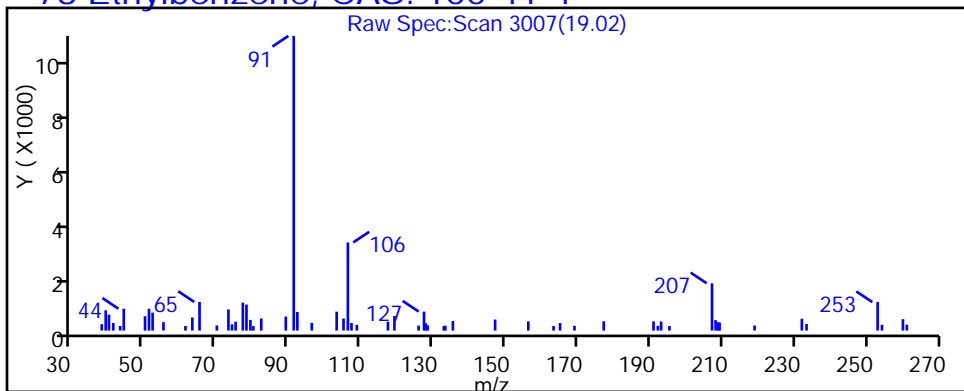
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

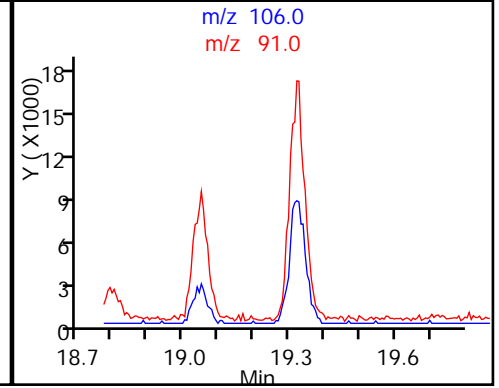
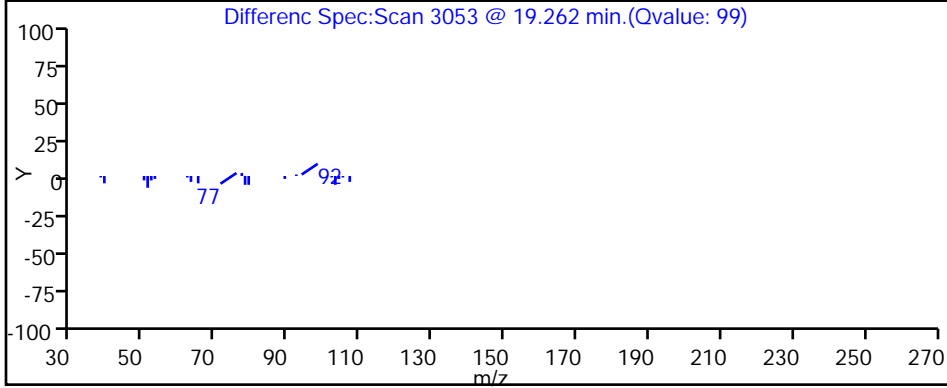
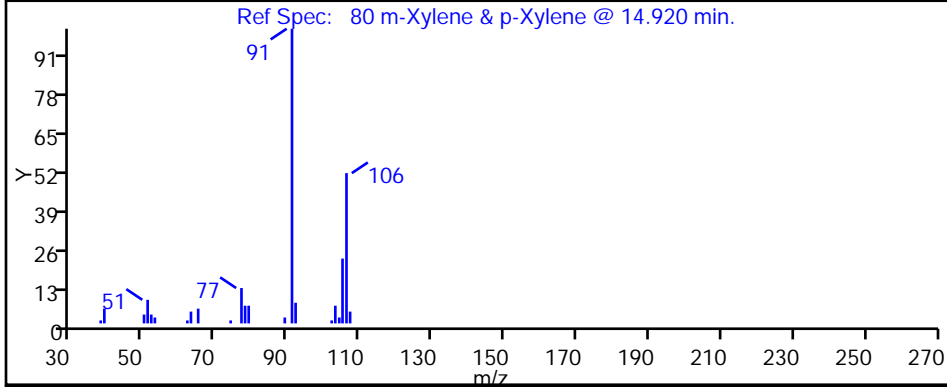
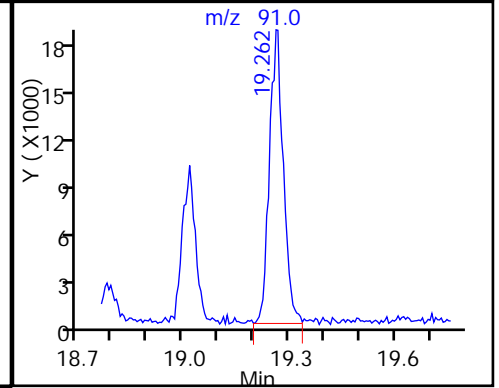
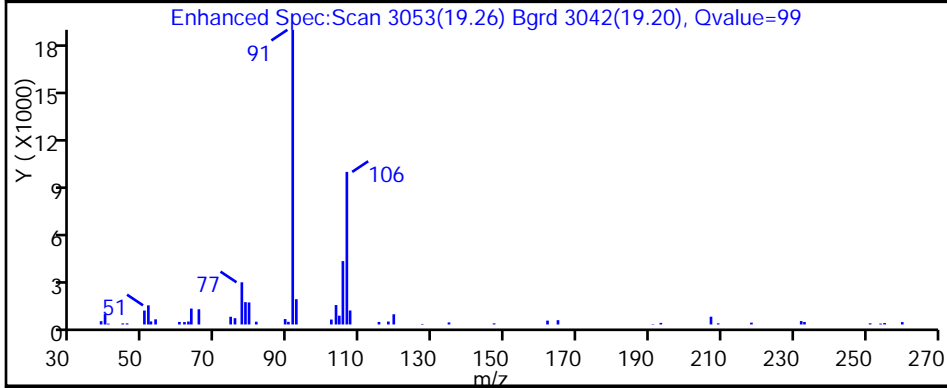
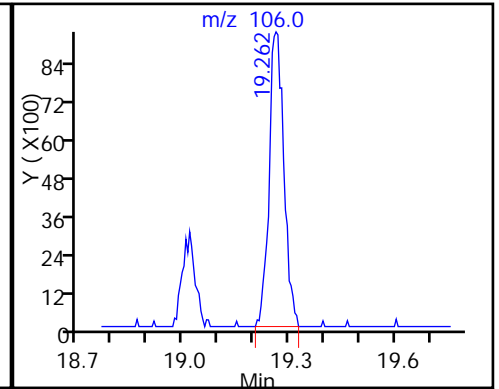
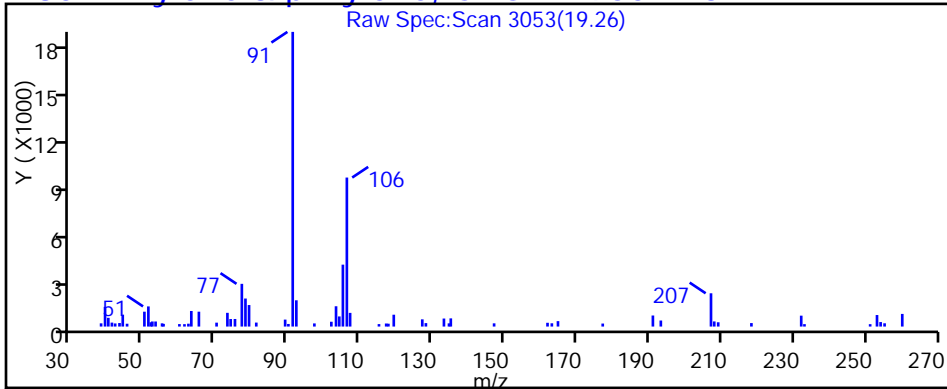
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

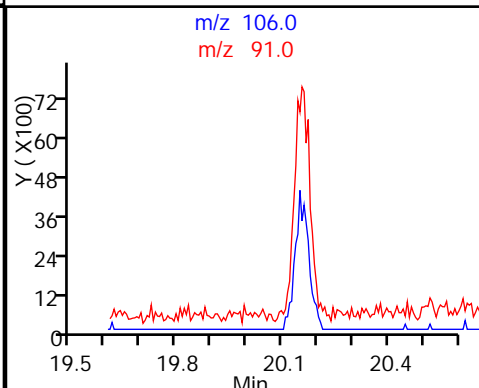
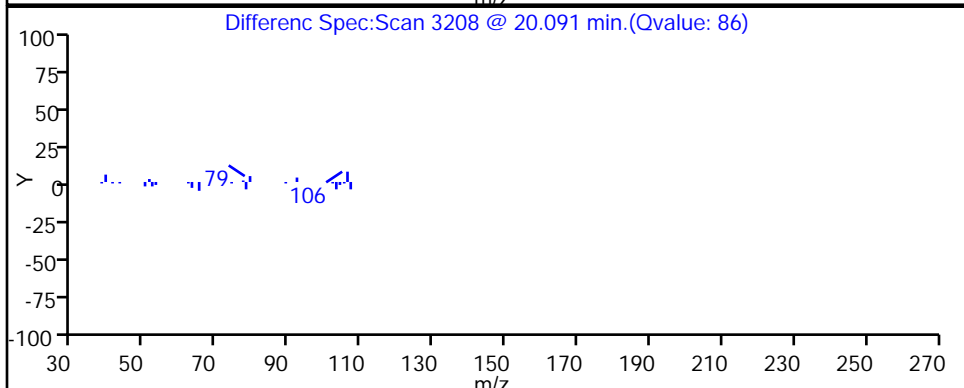
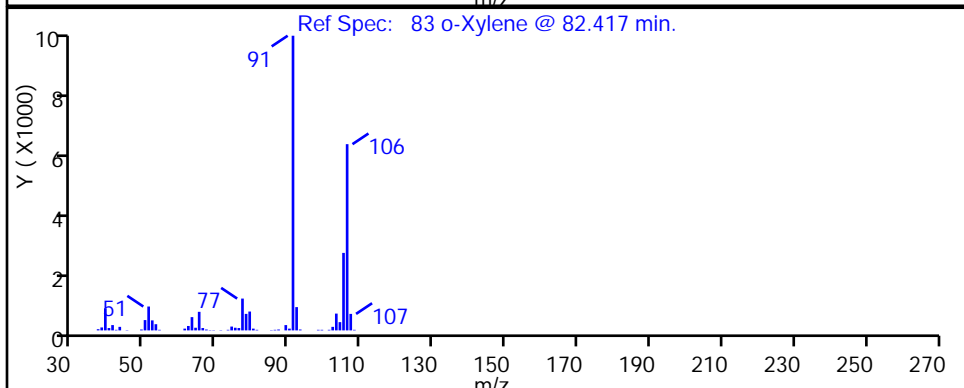
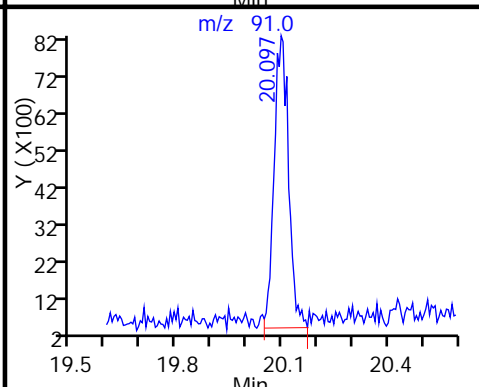
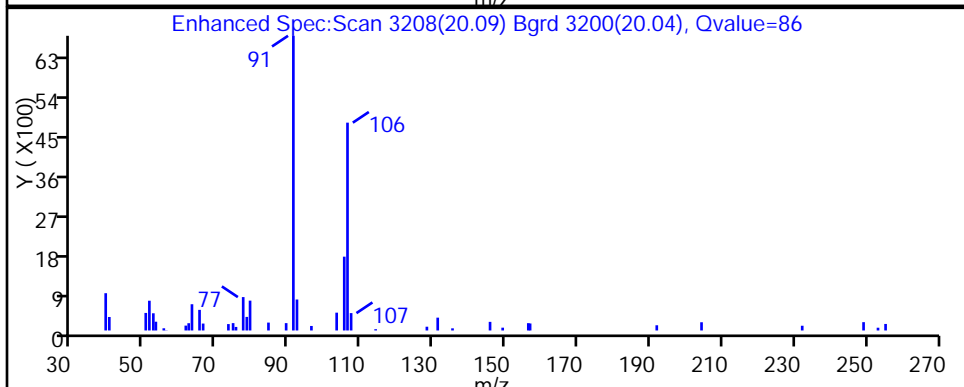
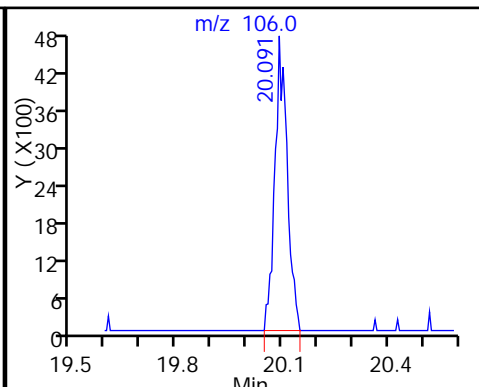
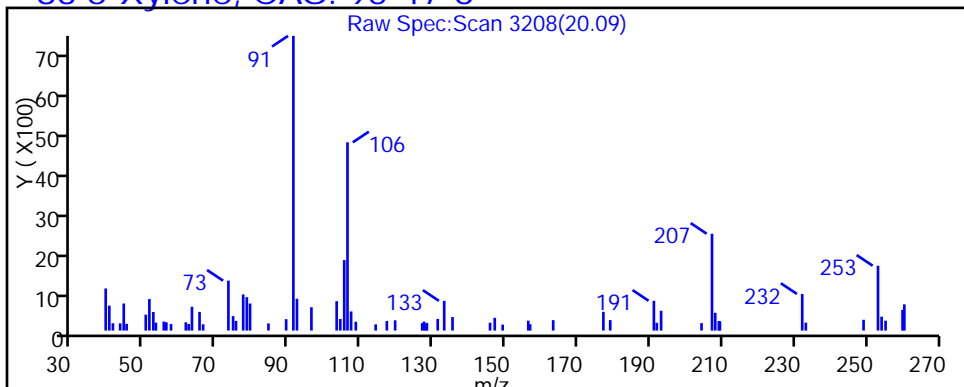
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

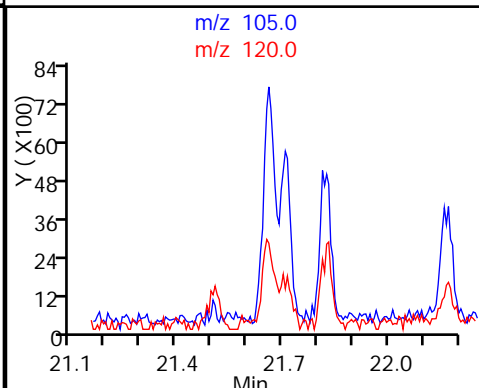
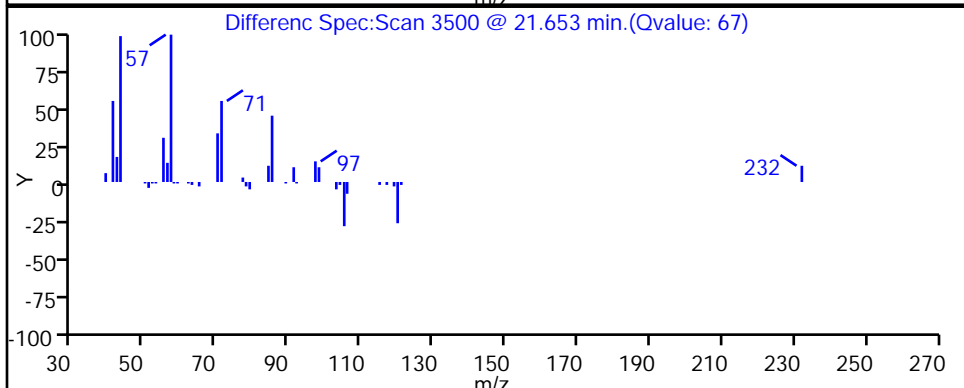
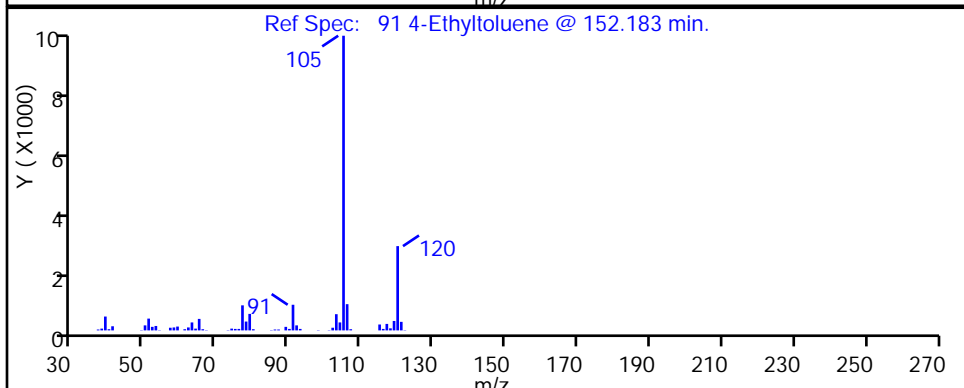
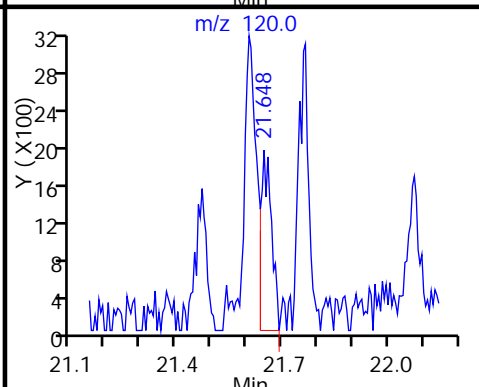
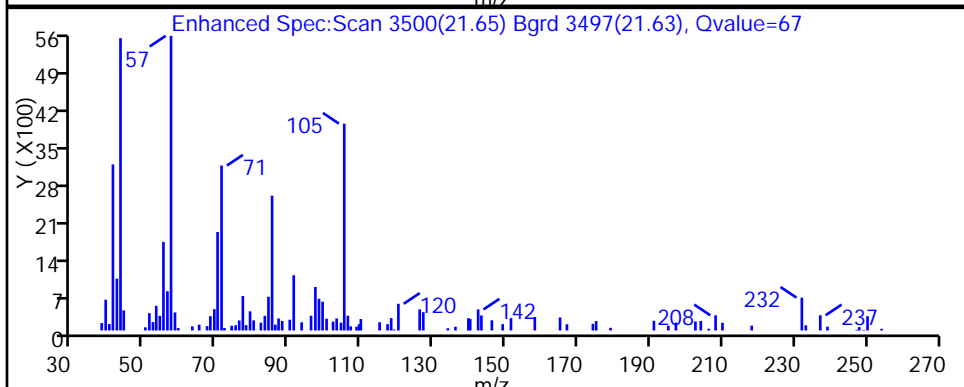
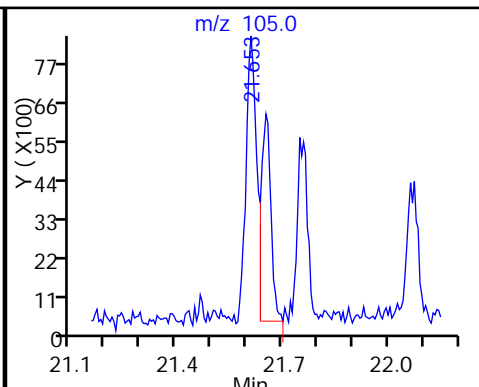
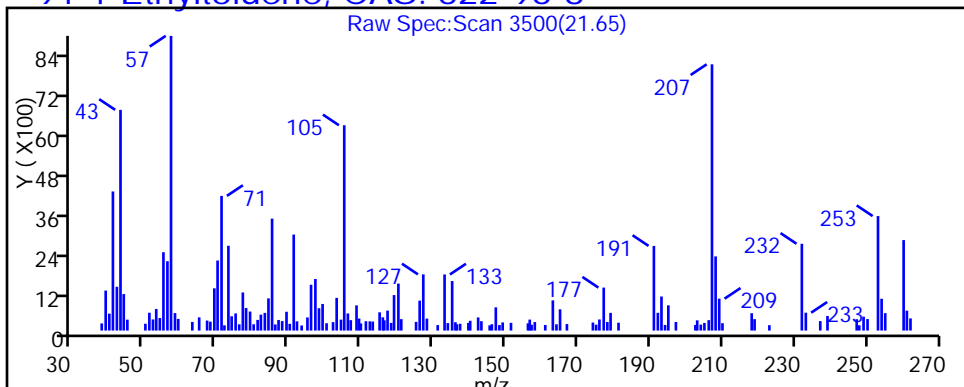
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

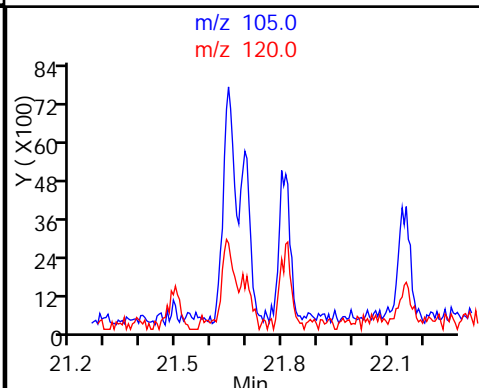
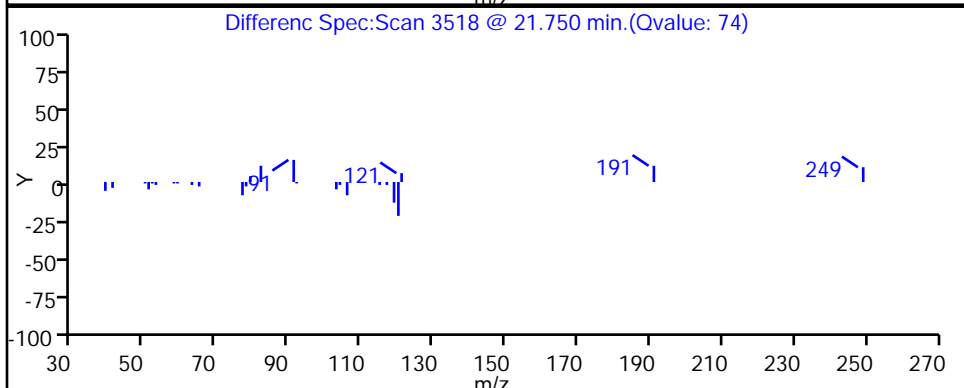
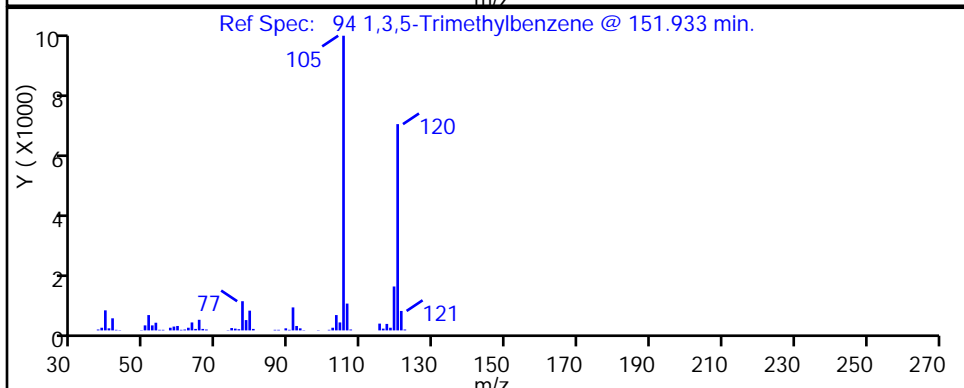
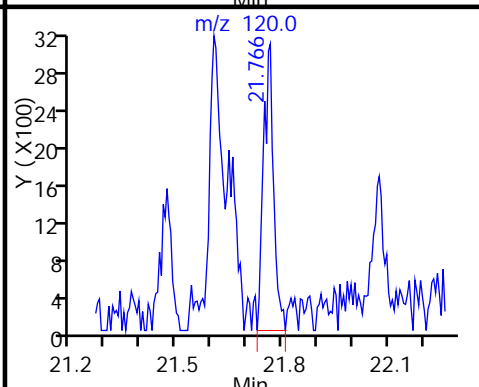
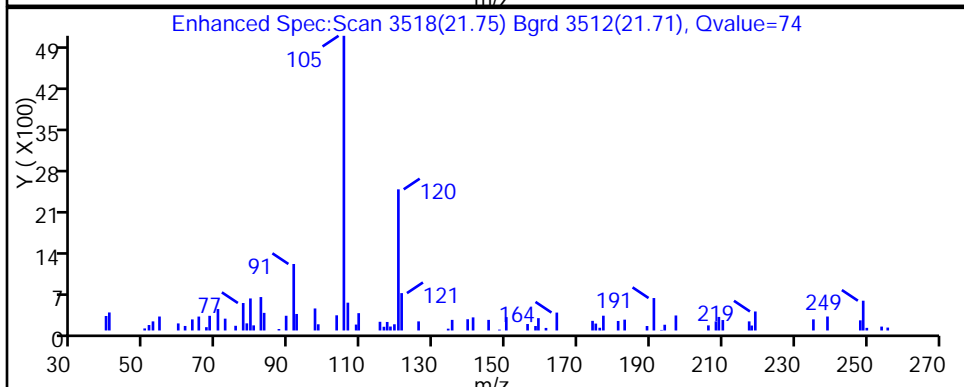
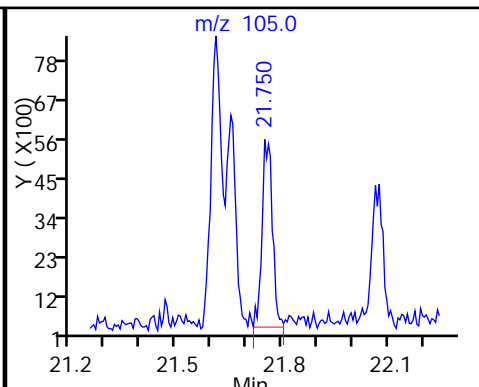
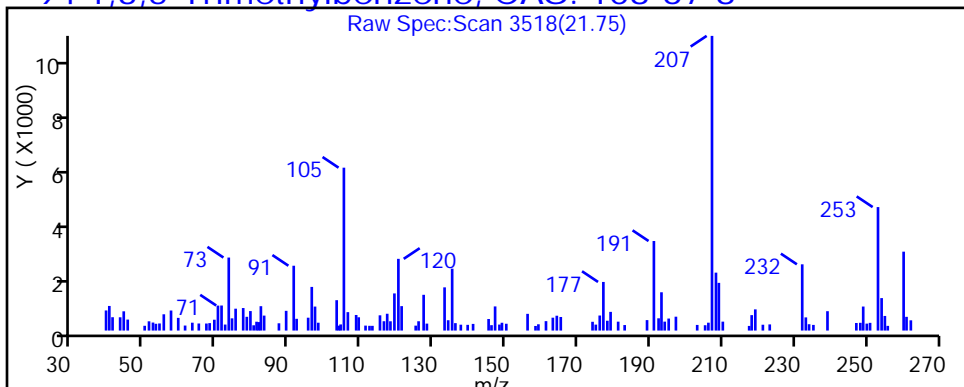
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

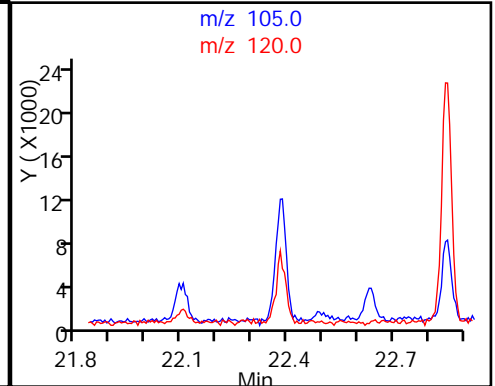
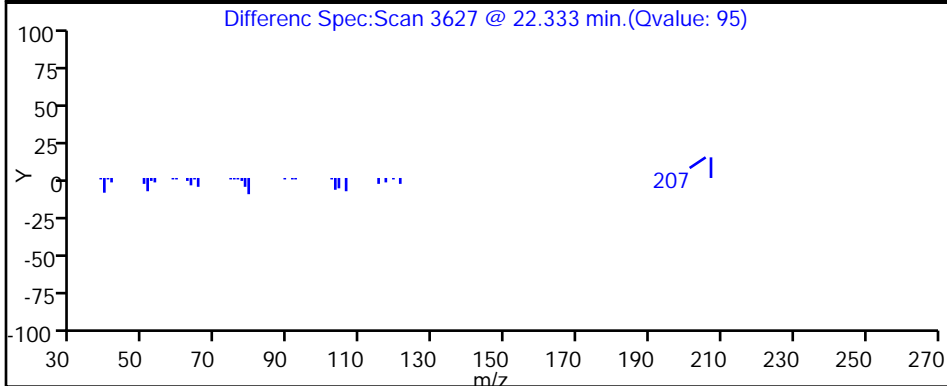
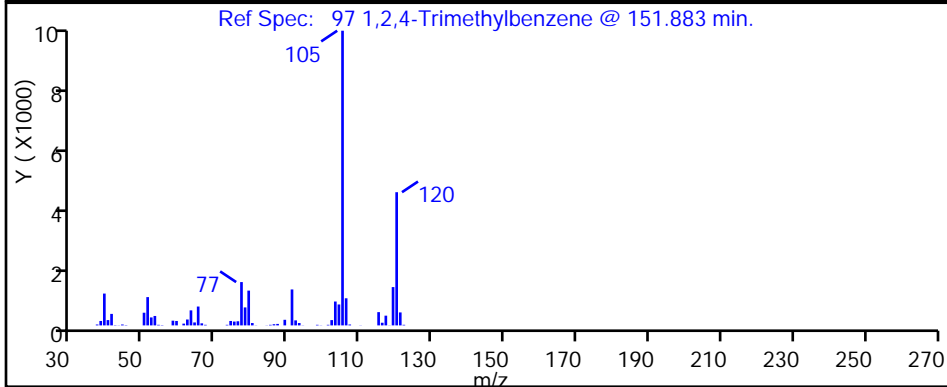
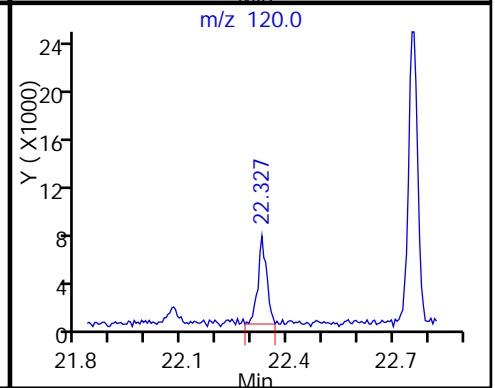
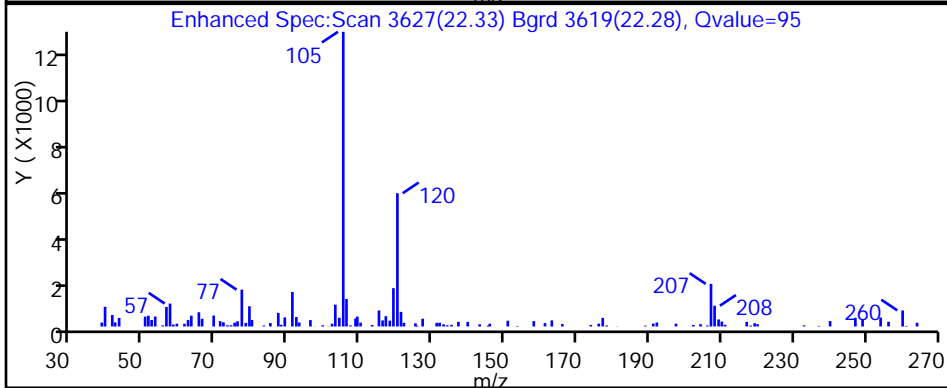
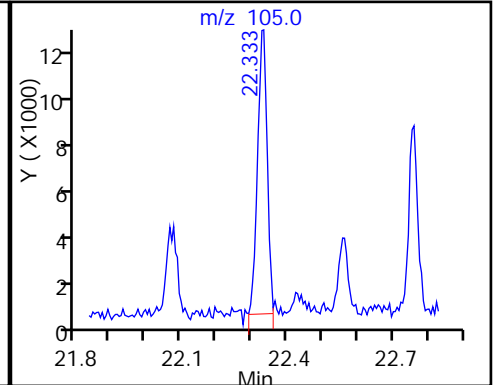
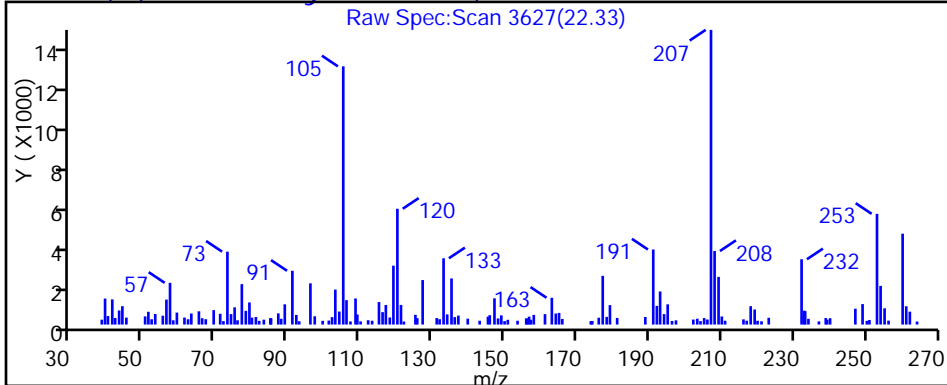
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

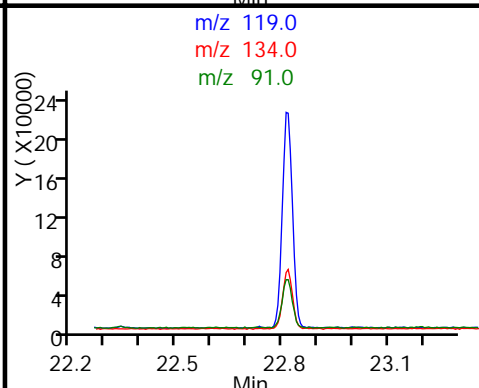
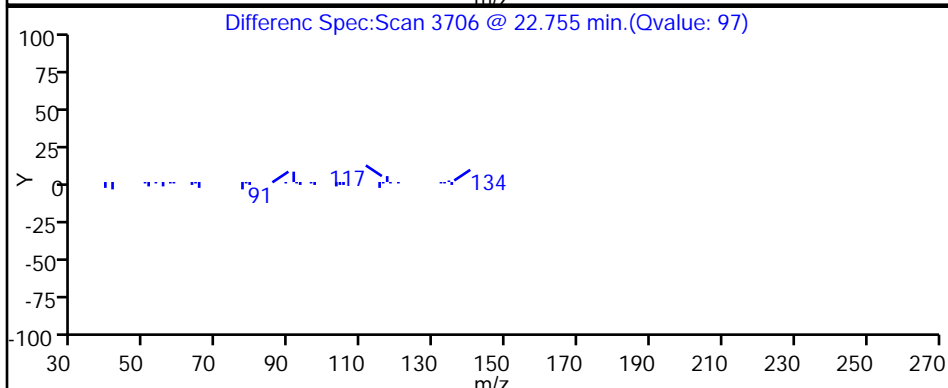
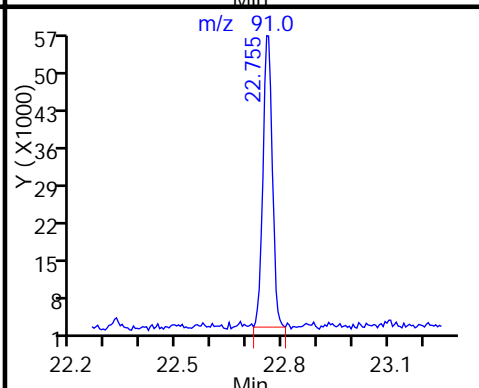
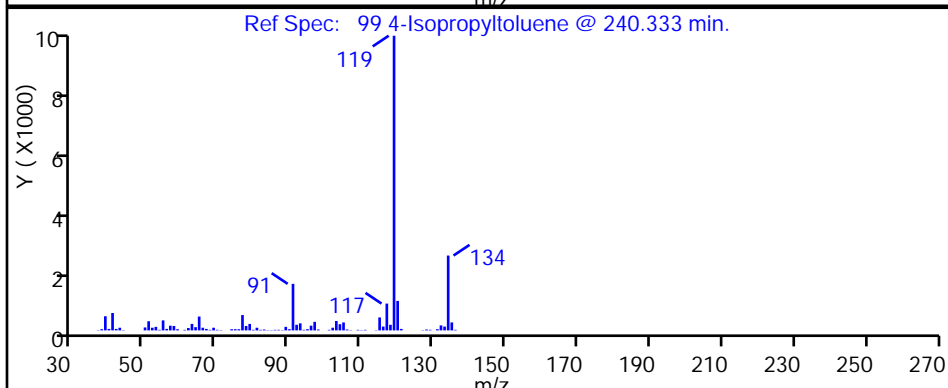
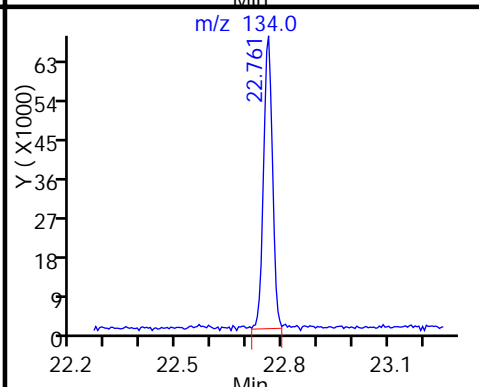
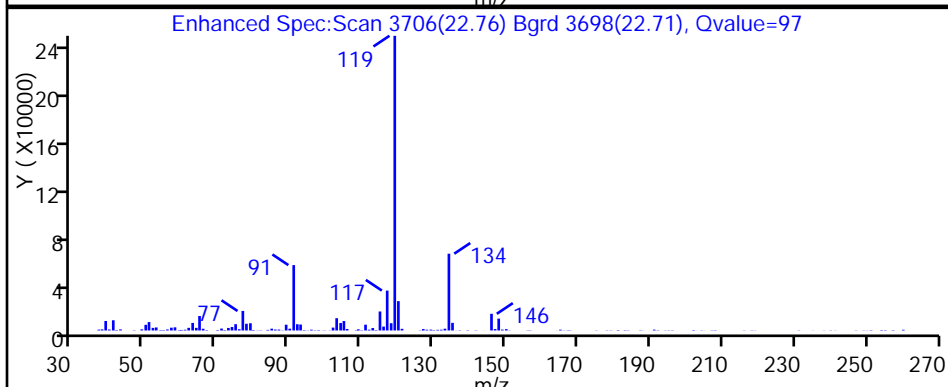
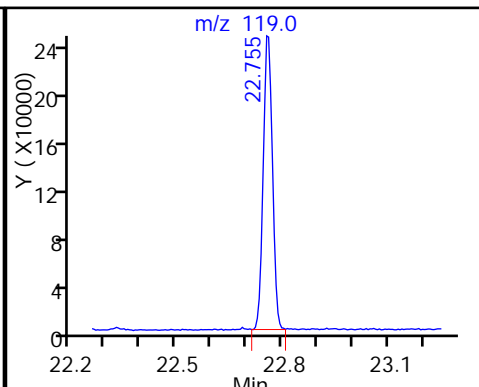
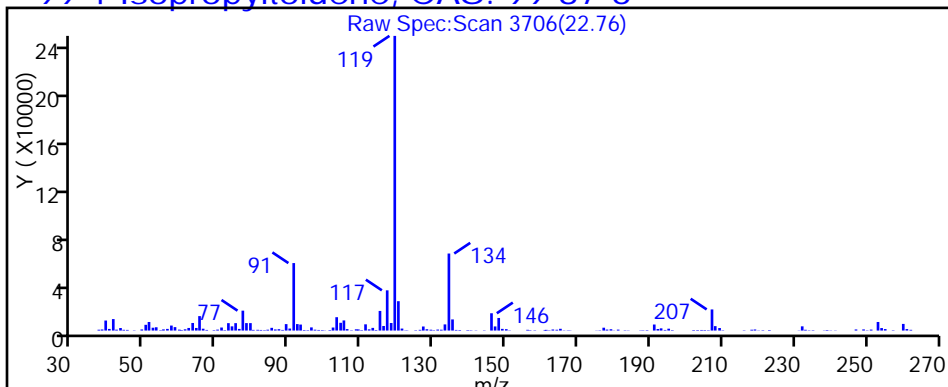
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

99 4-Isopropyltoluene, CAS: 99-87-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D

Injection Date: 22-Feb-2014 03:04:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-10

Lab Sample ID: 200-20955-10

Client ID: SS-VMP-3B

Operator ID: bl

ALS Bottle#: 18

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

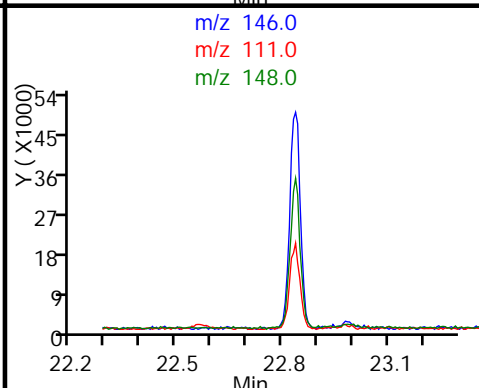
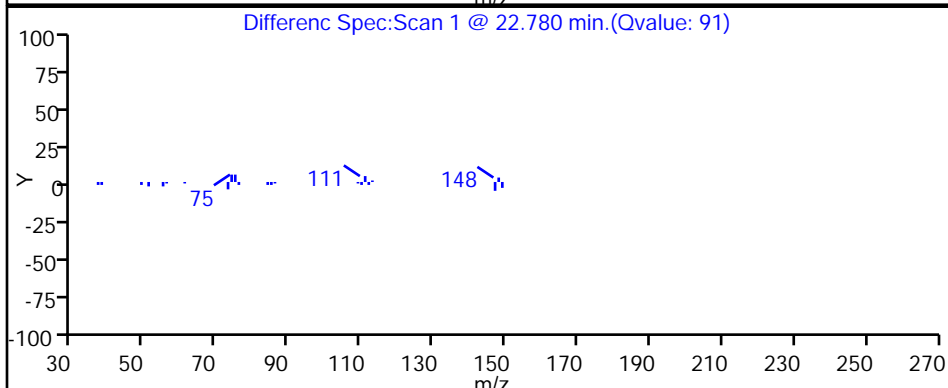
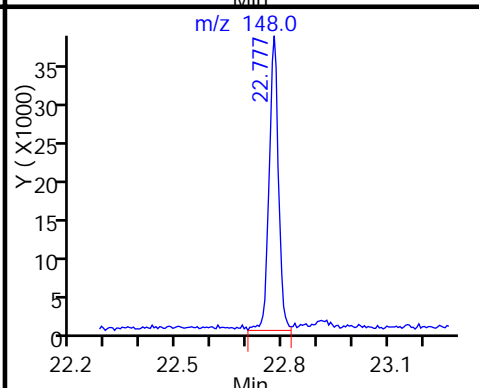
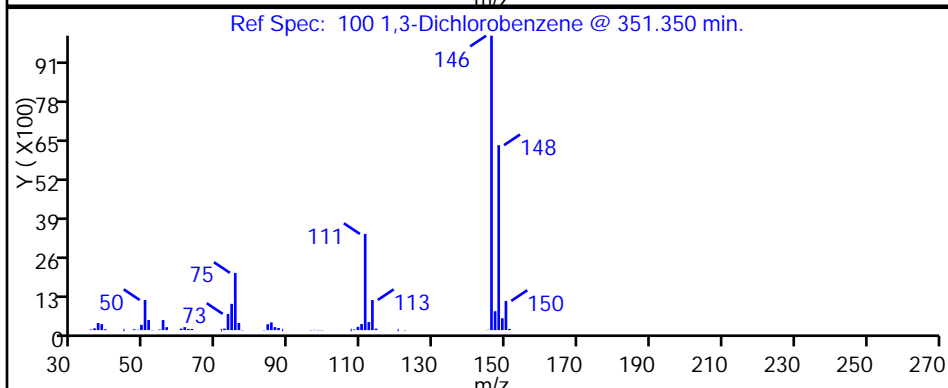
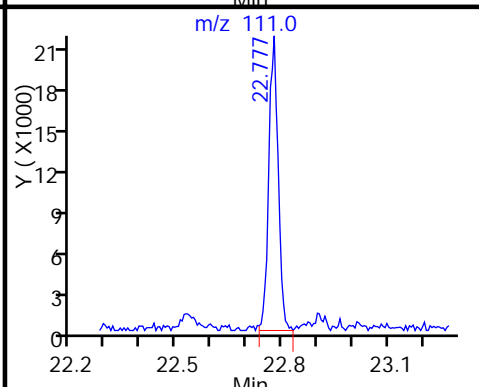
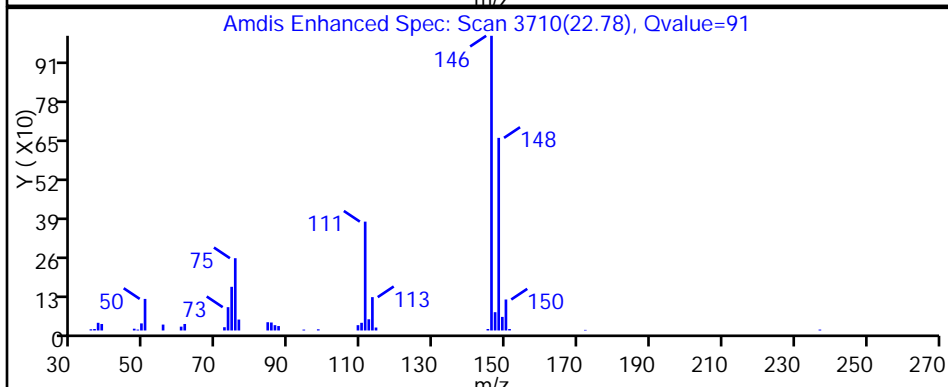
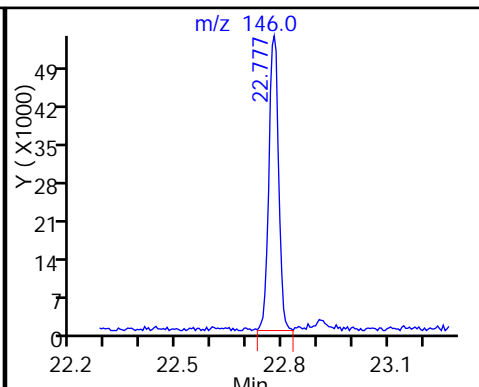
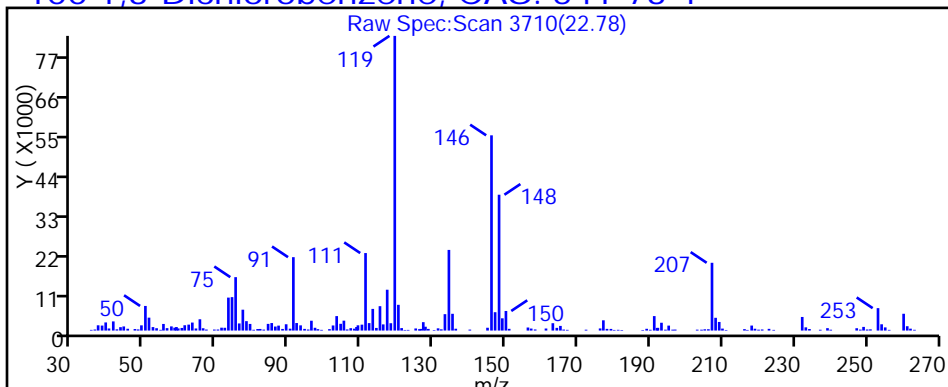
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



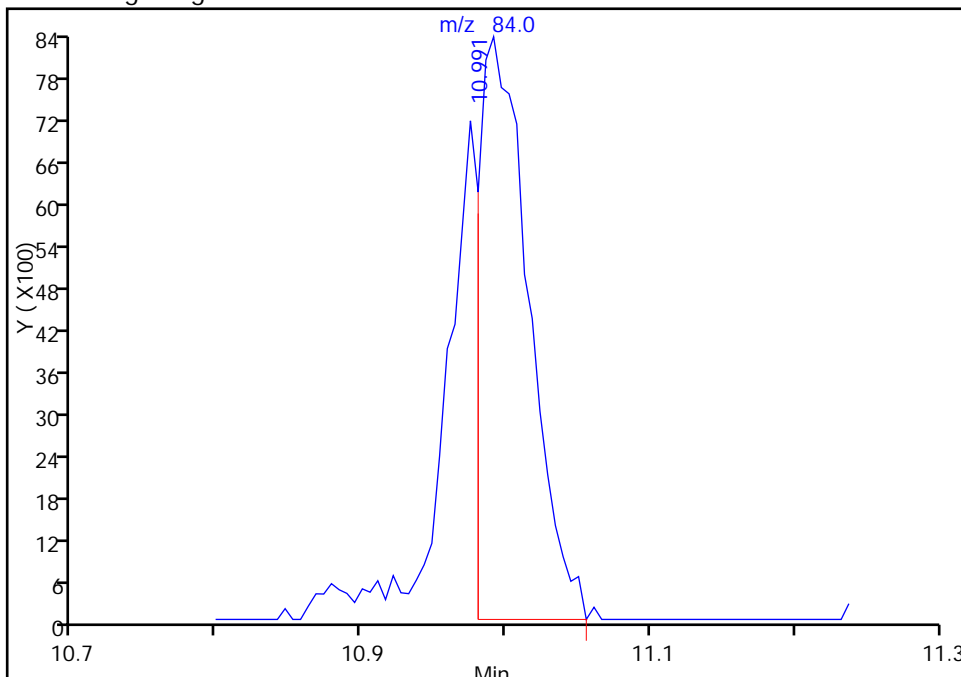
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_021.D
Injection Date: 22-Feb-2014 03:04:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-10 Lab Sample ID: 200-20955-10
Client ID: SS-VMP-3B
Operator ID: bl ALS Bottle#: 18 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

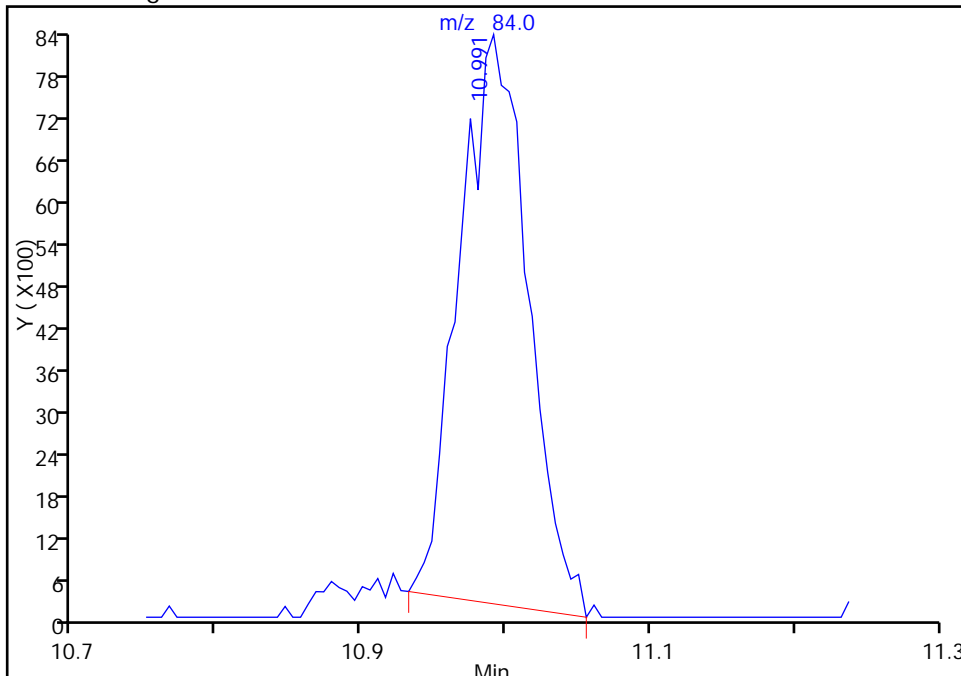
RT: 10.99
Response: 20003
Amount: 0.203547

Processing Integration Results



RT: 10.99
Response: 26938
Amount: 0.274116

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:47:44
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3D Lab Sample ID: 200-20955-12
 Matrix: Air Lab File ID: 6267_022.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.38	J	0.50	0.030
75-45-6	Freon 22	86.47	0.32	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.96		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.24		0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.23		0.20	0.030
76-13-1	Freon 113	187.38	0.063	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	14		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	500	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.22	J	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	8.4		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.13	J	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	14		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	0.77	J	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.85		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.057		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.23		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3D Lab Sample ID: 200-20955-12
 Matrix: Air Lab File ID: 6267_022.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.22	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.12	J	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.021	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3D Lab Sample ID: 200-20955-12
 Matrix: Air Lab File ID: 6267_022.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:32
 Sample wt/vol: 200 (mL) Date Analyzed: 02/22/2014 03:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3D Lab Sample ID: 200-20955-12
 Matrix: Air Lab File ID: 6267_022.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	1.9	J	2.5	0.15
75-45-6	Freon 22	86.47	1.1	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	2.3		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.54		0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.3		1.1	0.17
76-13-1	Freon 113	187.38	0.48	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	33		12	3.0
67-63-0	Isopropyl alcohol	60.10	1200	E	12	0.53
75-15-0	Carbon disulfide	76.14	0.68	J	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	29		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.46	J	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	42		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	2.3	J	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	2.9		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.36		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.73		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3D Lab Sample ID: 200-20955-12
 Matrix: Air Lab File ID: 6267_022.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:32
 Sample wt/vol: 200(mL) Date Analyzed: 02/22/2014 03:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	0.89	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.44	J	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.14	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3D Lab Sample ID: 200-20955-12
 Matrix: Air Lab File ID: 6267_022.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:32
 Sample wt/vol: 200 (mL) Date Analyzed: 02/22/2014 03:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D
 Lims ID: 200-20955-A-12 Lab Sample ID: 200-20955-12
 Client ID: SS-VMP-3D
 Sample Type: Client
 Inject. Date: 22-Feb-2014 03:51:30 ALS Bottle#: 19 Worklist Smp#: 22
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-022
 Misc. Info.: 20955-12
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:48:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	88	81579	0.3815	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	90	26004	0.3230	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43	3.758	3.758	0.0	94	51240	0.9575	
10 Vinyl chloride	62		3.796					
11 Butadiene	54	3.882	3.876	0.006	92	7901	0.2436	
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101	5.353	5.347	0.006	93	56191	0.2301	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.481	6.476	0.005	79	9622	0.0628	
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43	6.717	6.717	0.0	87	838188	14.0	
26 Carbon disulfide	76	6.883	6.883	0.001	98	34834	0.2192	
27 Isopropyl alcohol	45	7.113	7.038	0.075	98	24217667	501.2	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	81	403332	8.37	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57	8.482	8.493	-0.011	83	7472	0.1306	
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.130	10.135	-0.005	98	422817	14.2	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	681590	10.0	
44 Tetrahydrofuran	42	10.579	10.579	0.0	78	35097	0.7678	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.997	10.991	0.006	82	81776	0.8525	
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	48		117	11.275	11.269	0.006	95	16583	0.0573
	50		78	11.740	11.740	0.0	91	58880	0.2296
	51		57		11.761				
	52		62		11.911				
	53		43		12.168				
*	54		114	12.623	12.623	0.0	91	3843478	10.0
	56		95		13.110				
	58		63		13.682				
	59		69	13.875	13.880	-0.005	73	22608	0.2165
	60		88		13.917				
	62		83		14.249				
	64		75		15.228				
	65		43		15.528				
	66		92	15.854	15.849	0.005	90	31512	0.1163
	70		75		16.437				
	71		83		16.812				
	72		166	16.967	16.961	0.006	73	6107	0.0210
	73		43		17.282				
	74		129		17.587				
	75		107		17.860				
*	76		117	18.786	18.786	0.0	81	3699597	10.0
	77		112		18.844				
	78		91		19.016				
	80		106		19.272				
S	82		106		20.100				
	83		106		20.102				
	84		104		20.144				
	85		173		20.530				
\$	87		95	21.113	21.107	0.006	99	1812418	NC
	88		83		21.364				
	90		91		21.471				
	92		91		21.653				
	91		105		21.653				
	94		105		21.760				
	96		119		22.242				
	97		105		22.332				
	98		105		22.562				
	99		119		22.760				
	100		146		22.776				
	101		146		22.910				
	102		91		23.103				
	103		91		23.338				
	105		146		23.451				
	107		180		26.013				
	108		225		26.227				
	109		128		26.505				

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Worklist Smp#: 22

Client ID: SS-VMP-3D

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

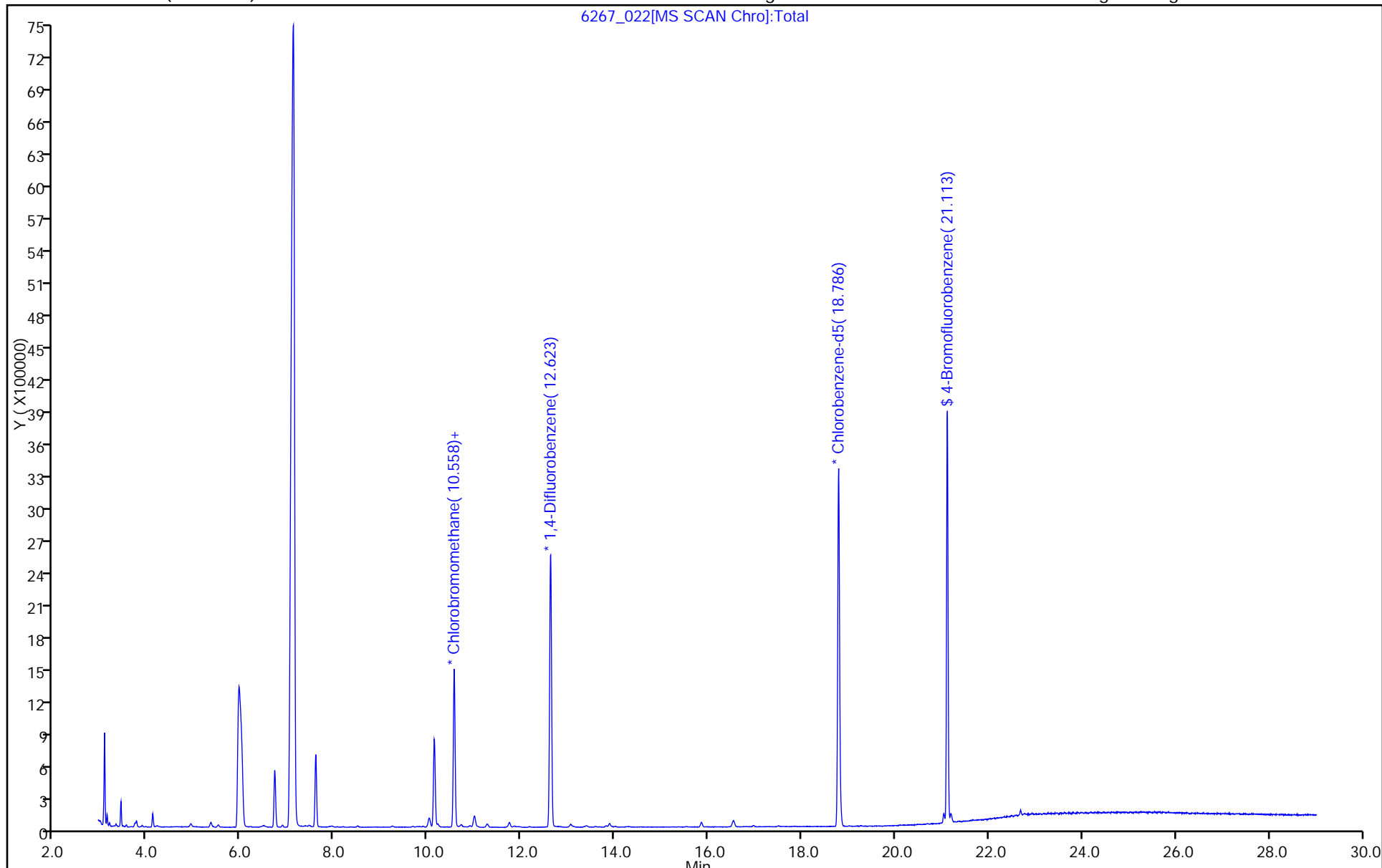
ALS Bottle#: 19

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

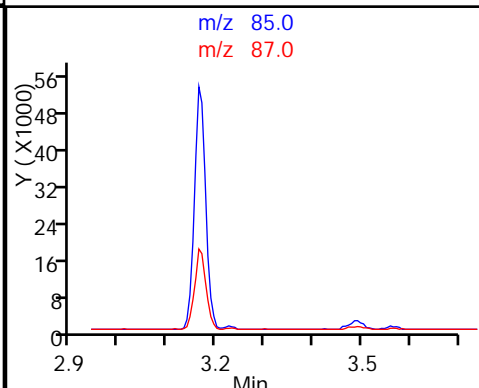
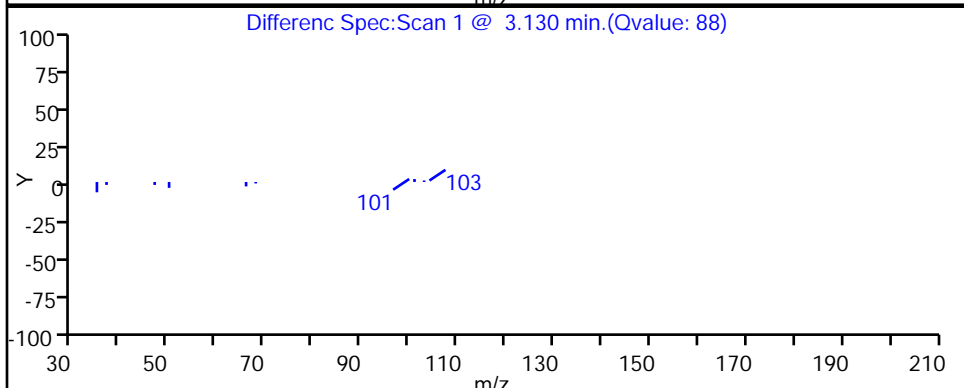
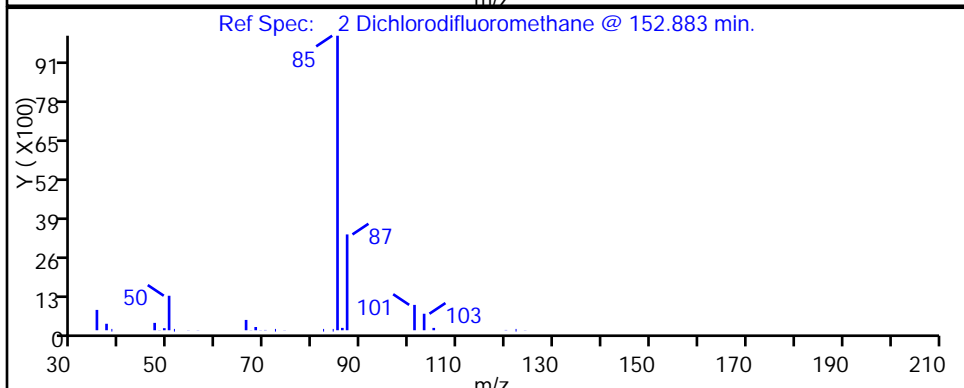
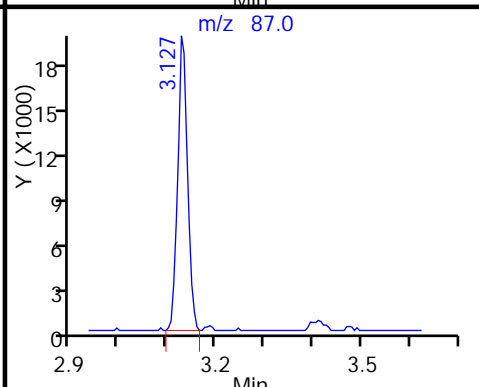
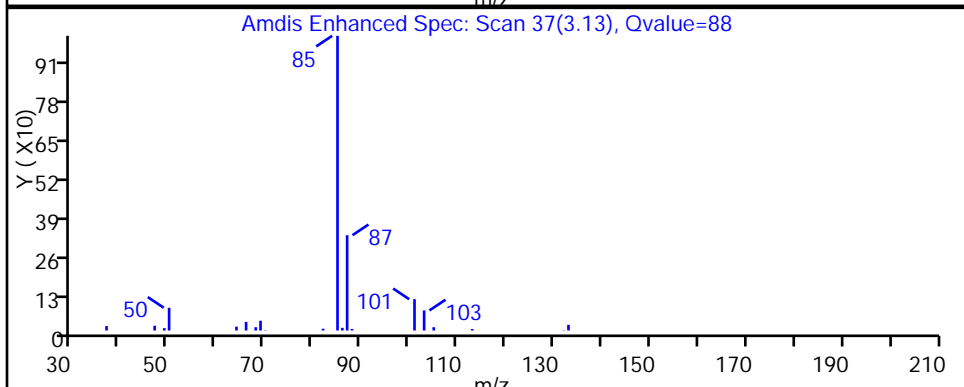
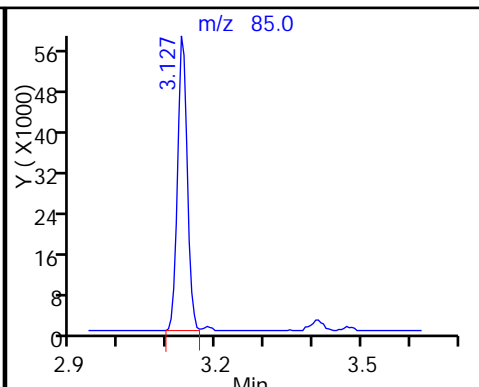
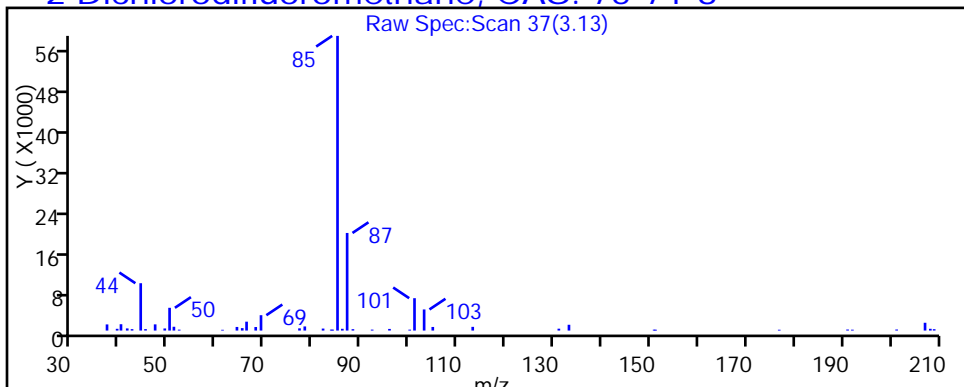
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

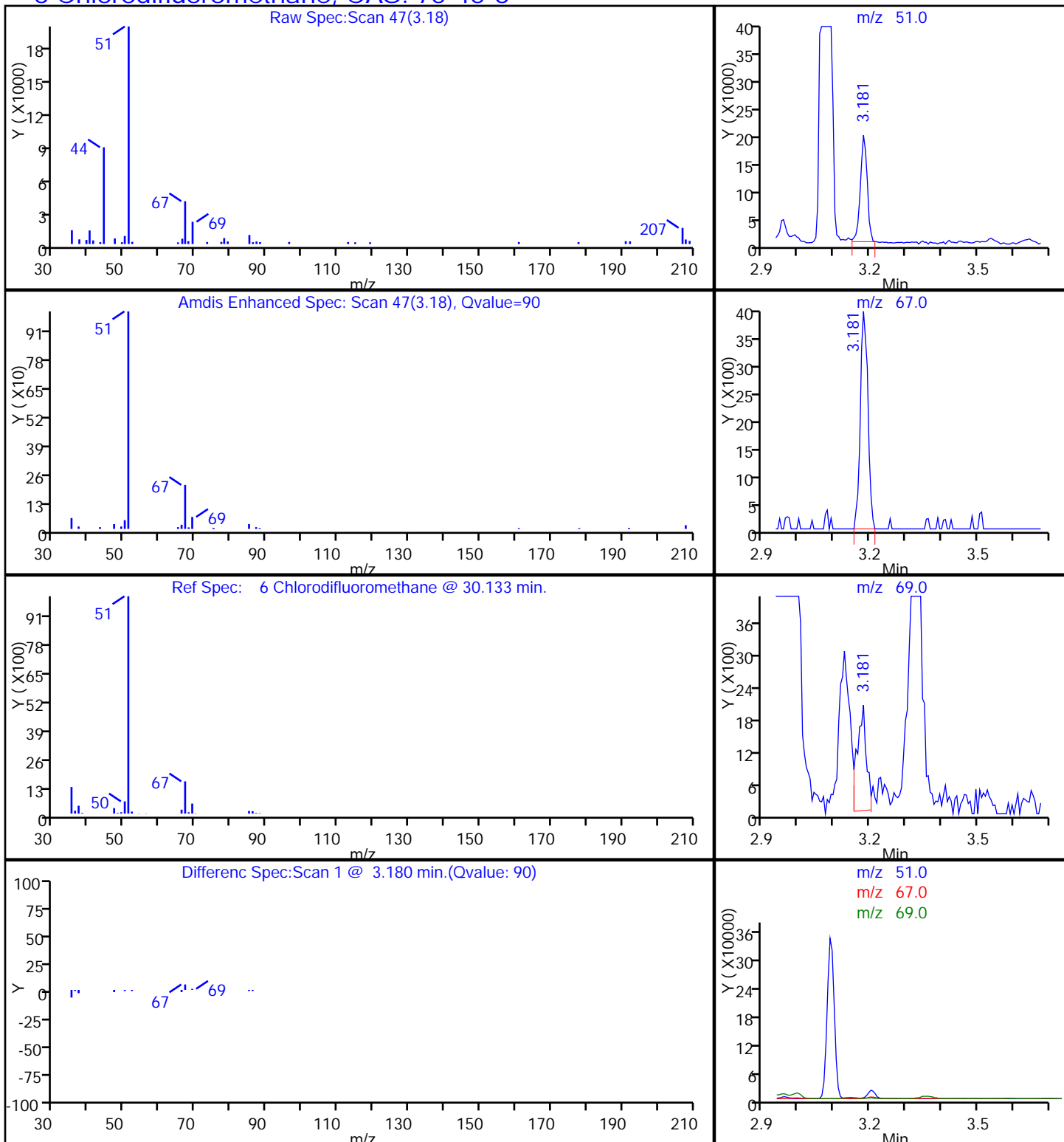
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

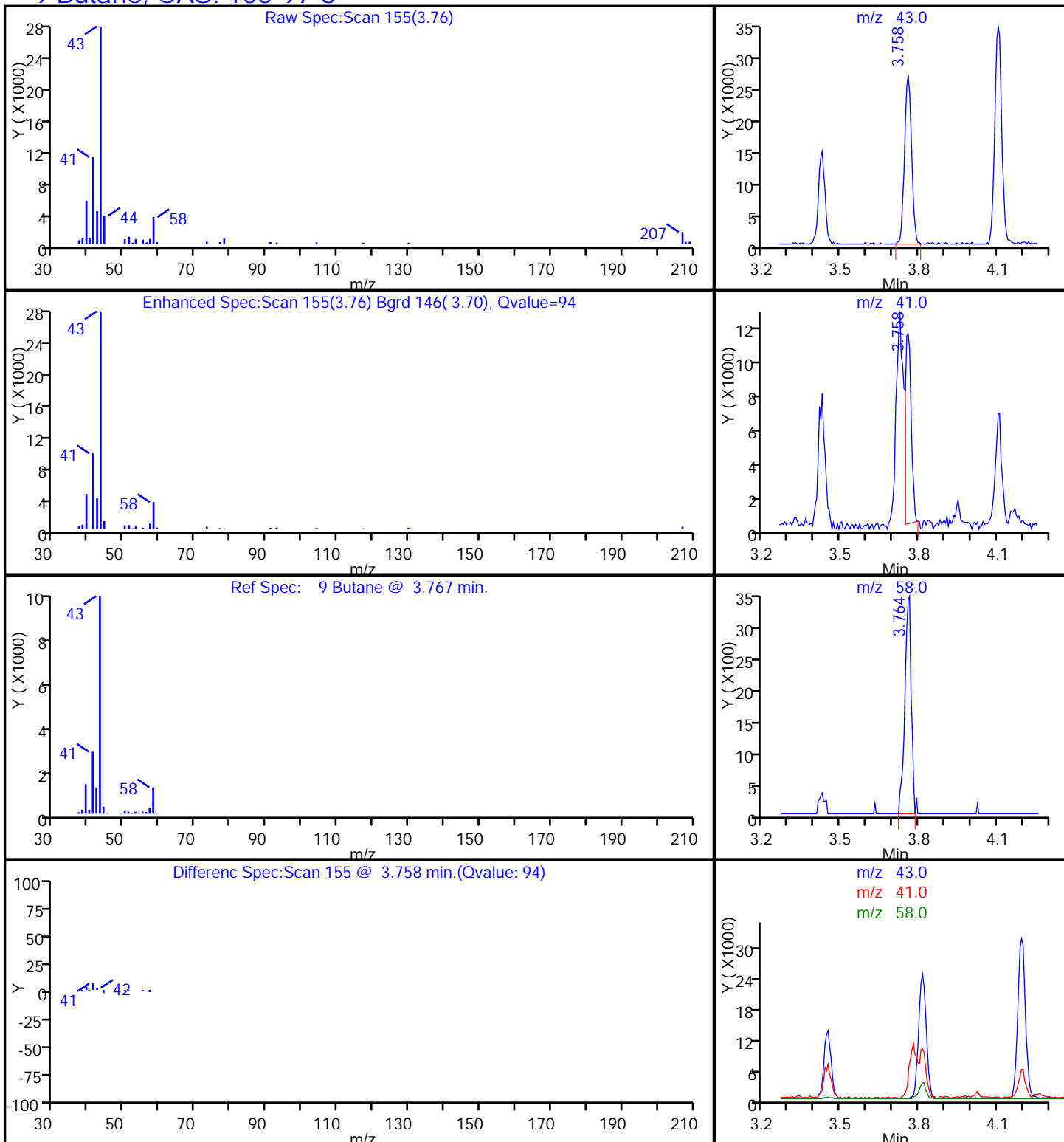
Method: TO15_LLJN_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

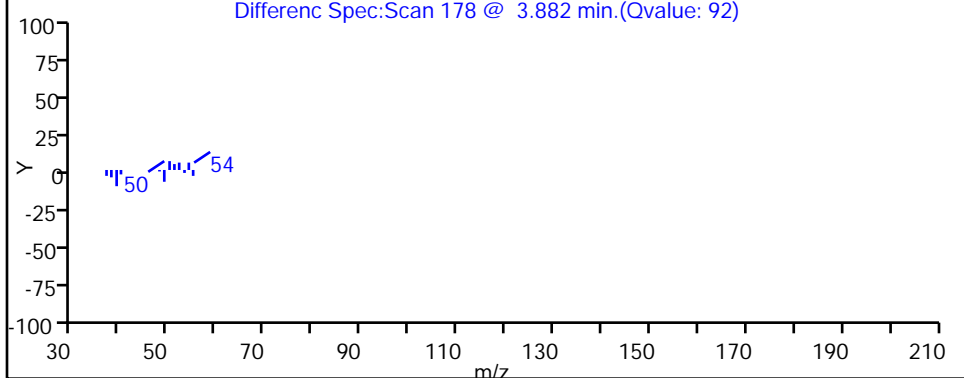
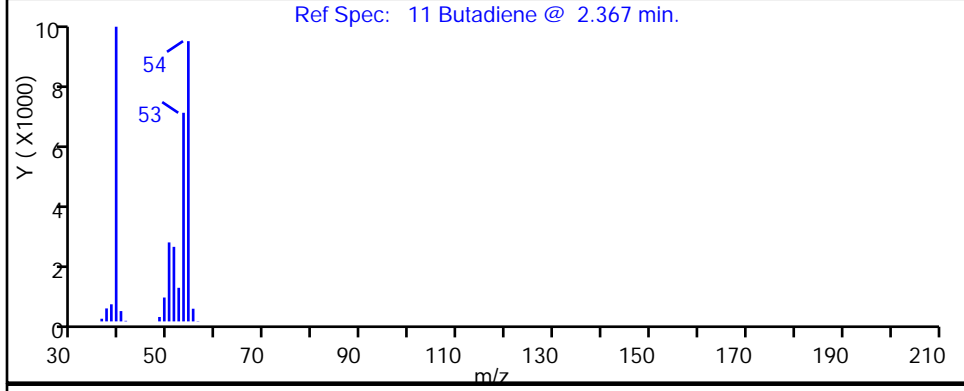
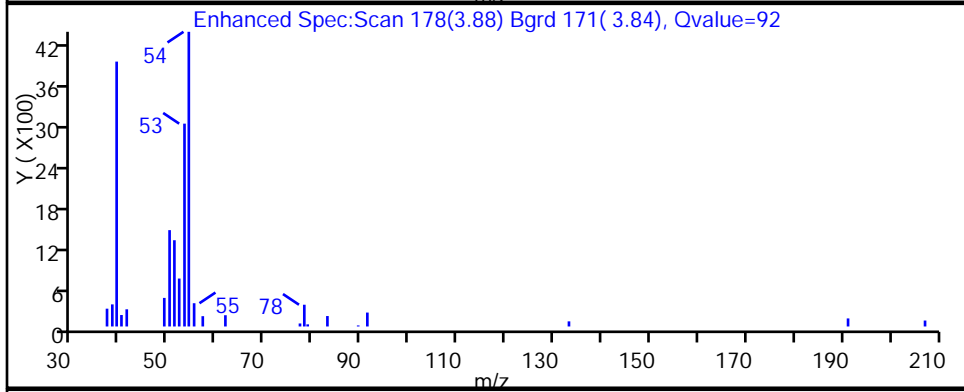
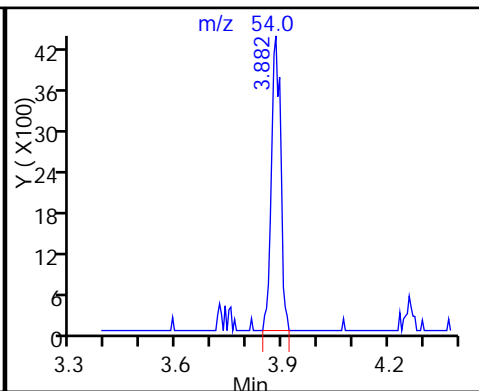
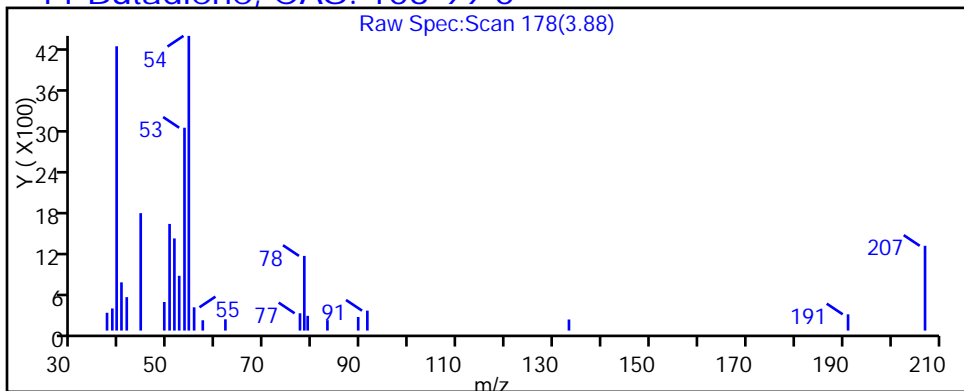
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

11 Butadiene, CAS: 106-99-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

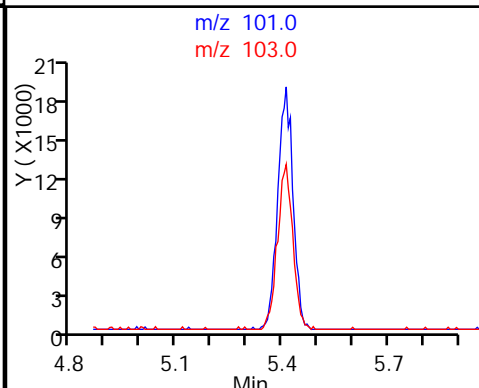
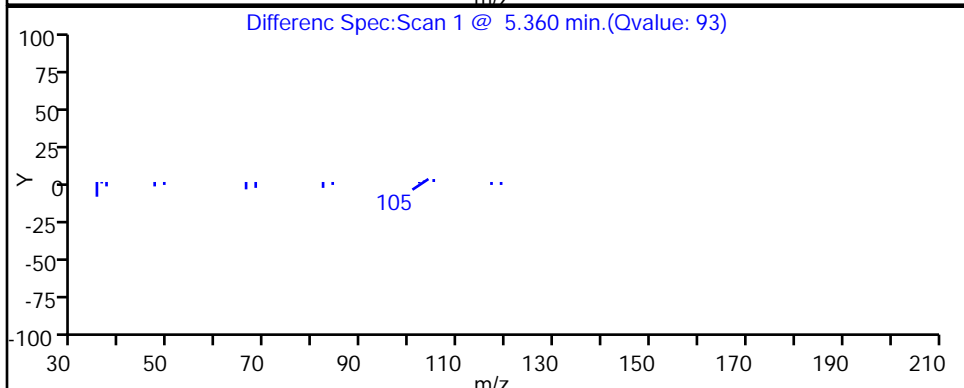
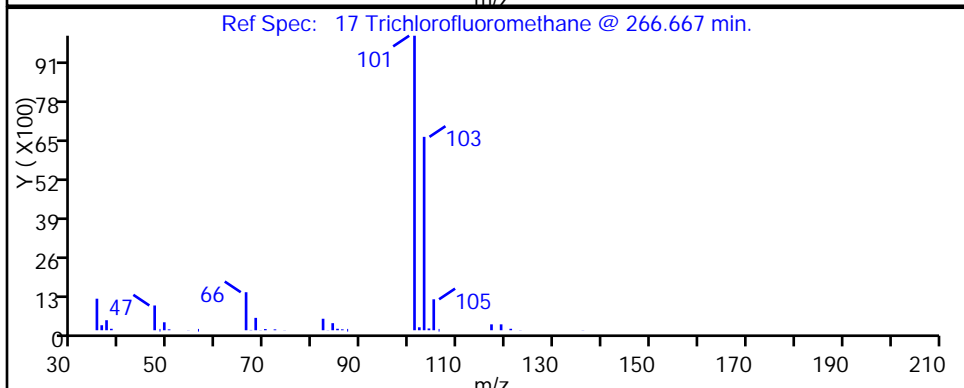
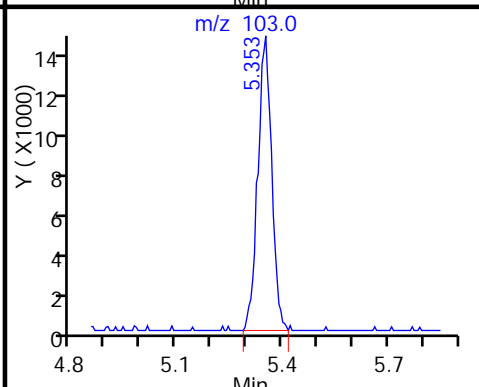
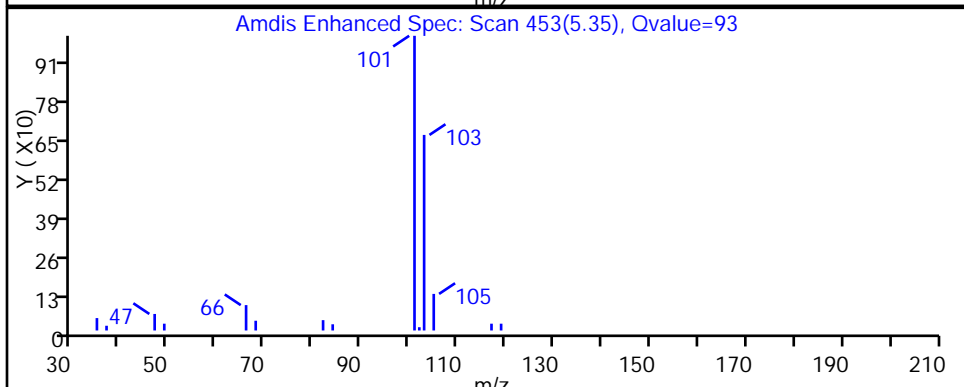
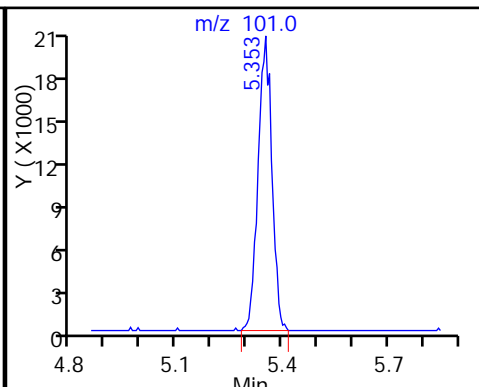
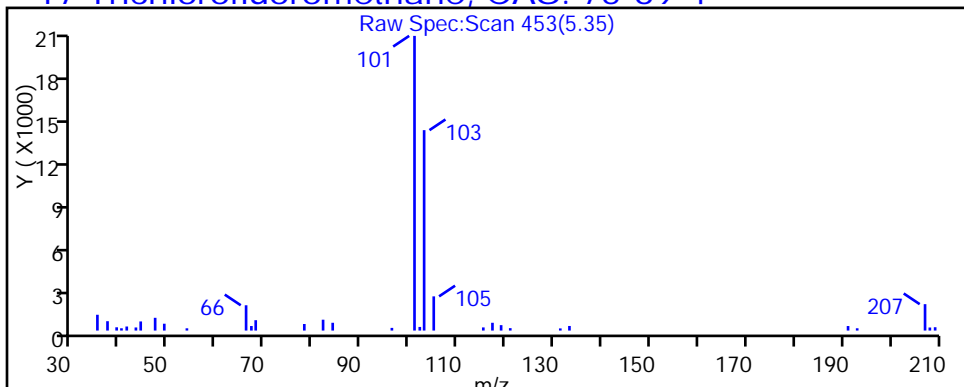
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

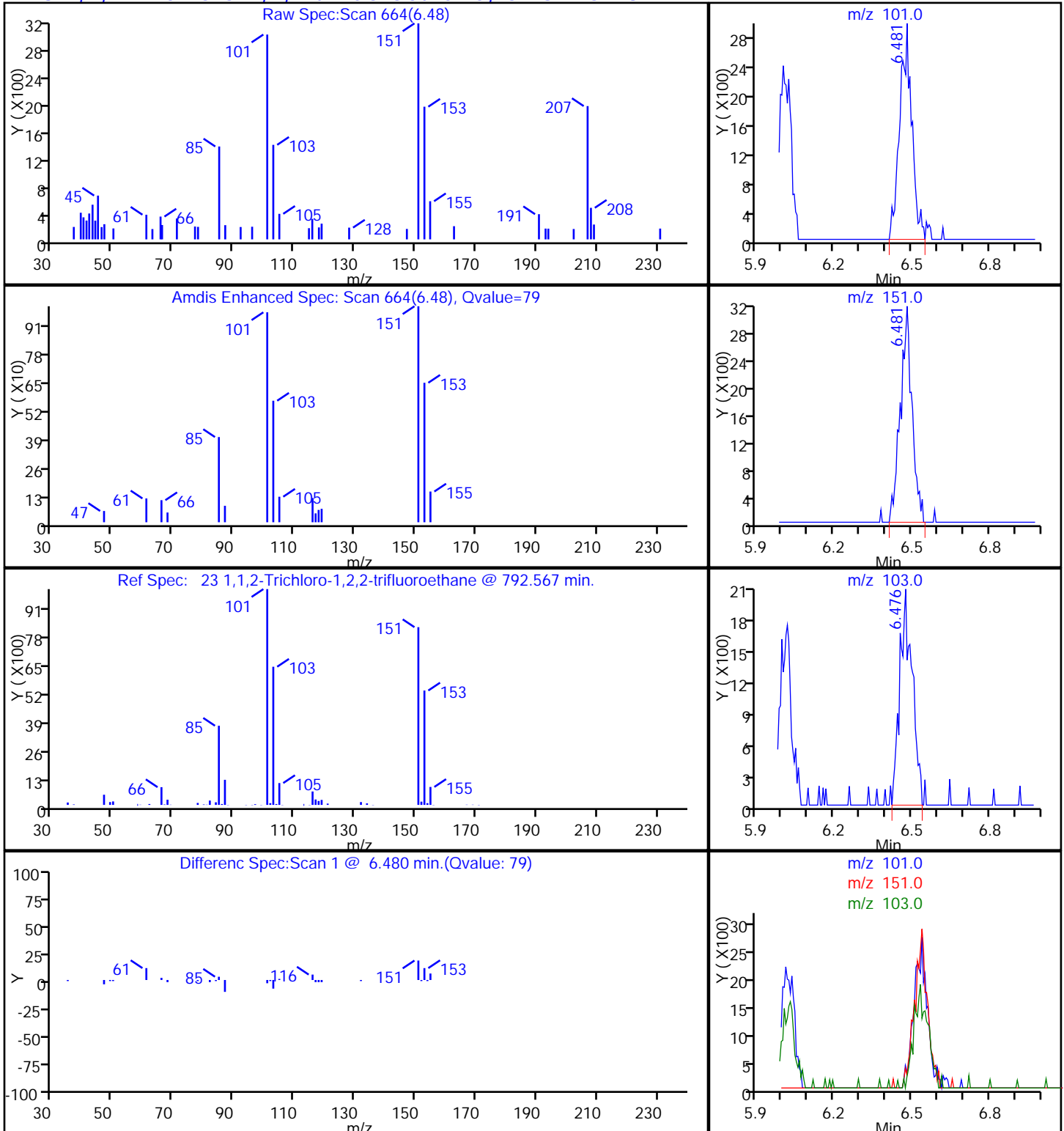
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

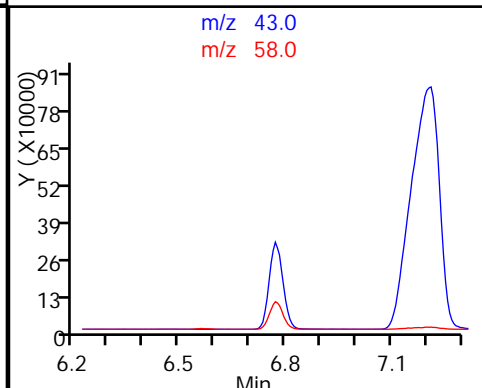
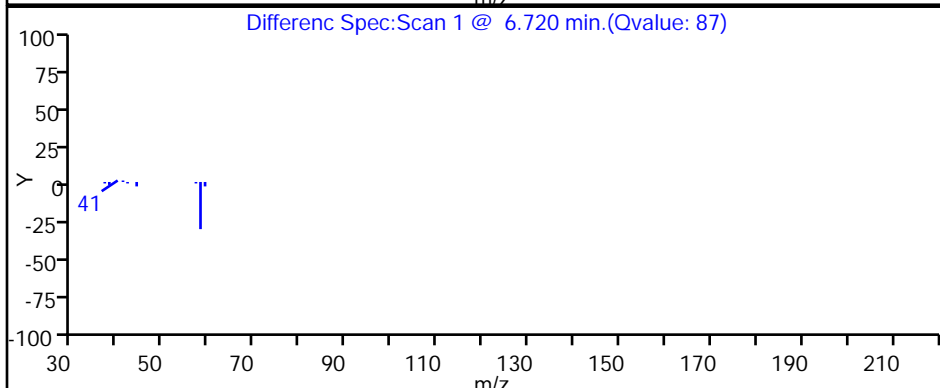
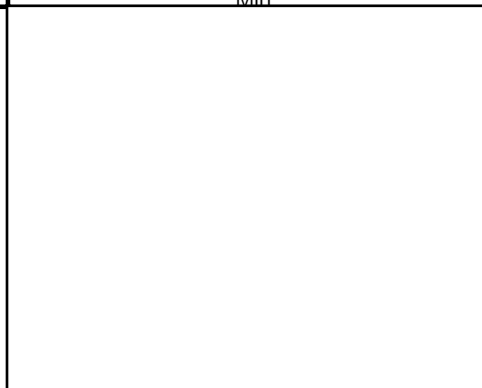
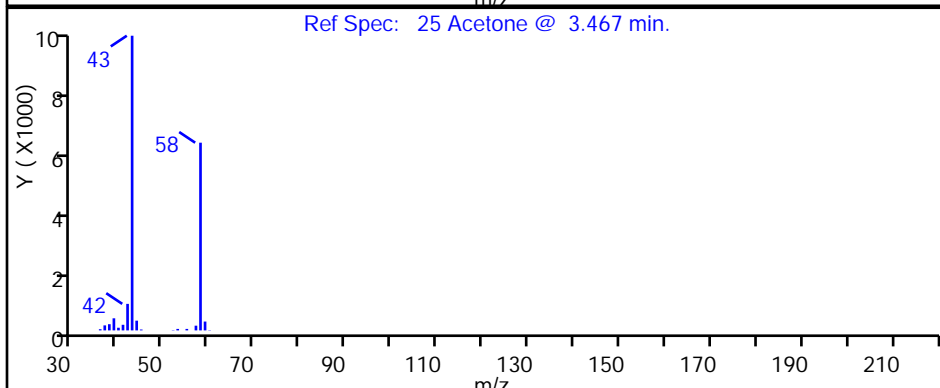
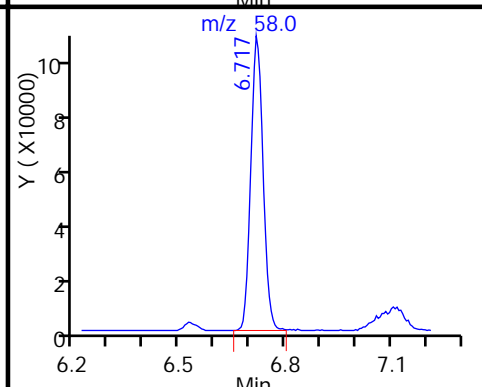
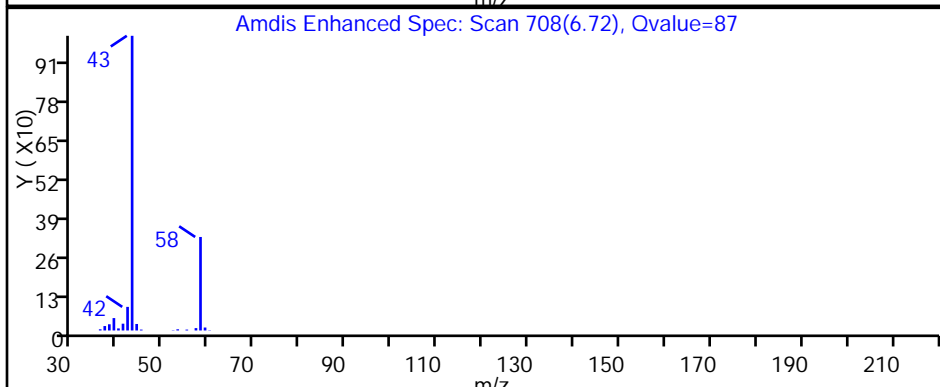
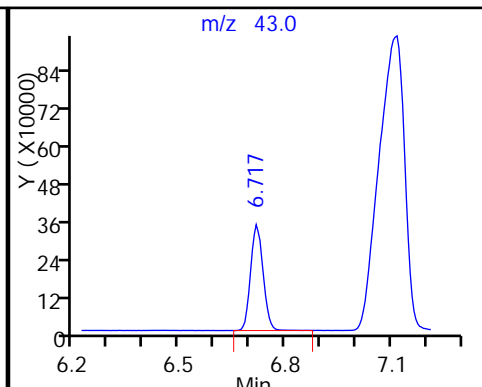
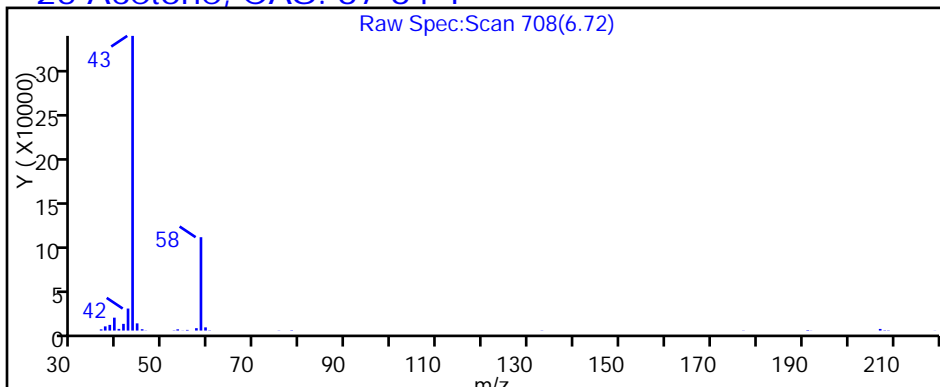
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

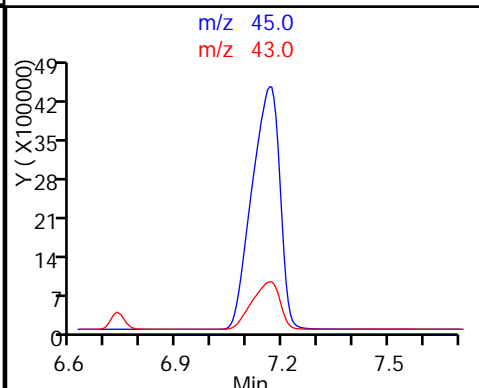
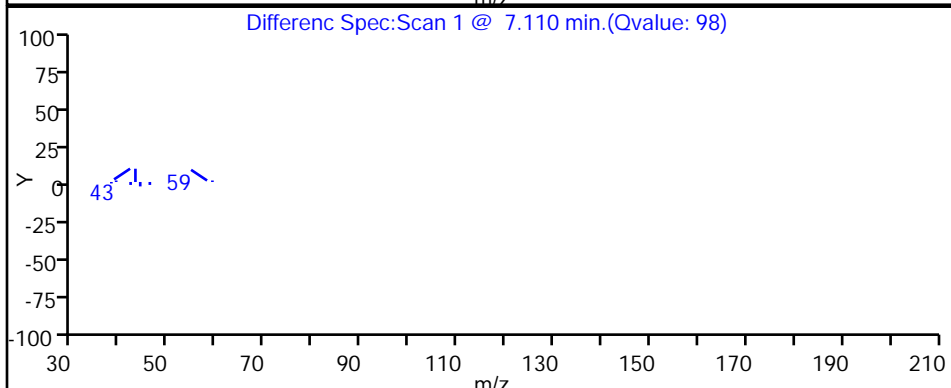
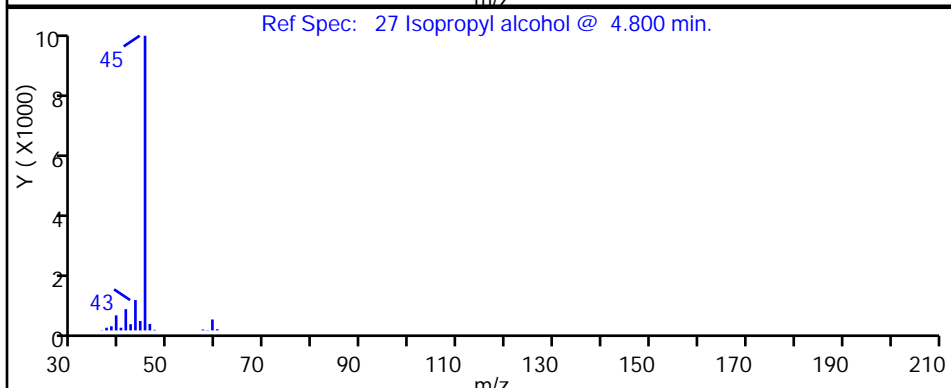
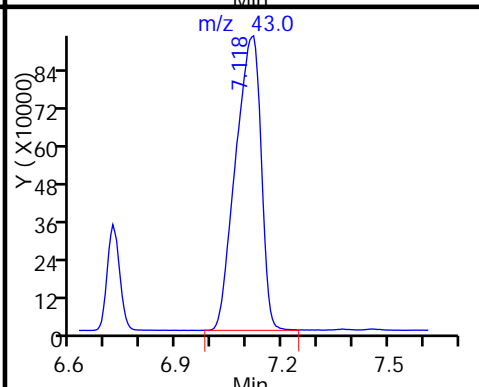
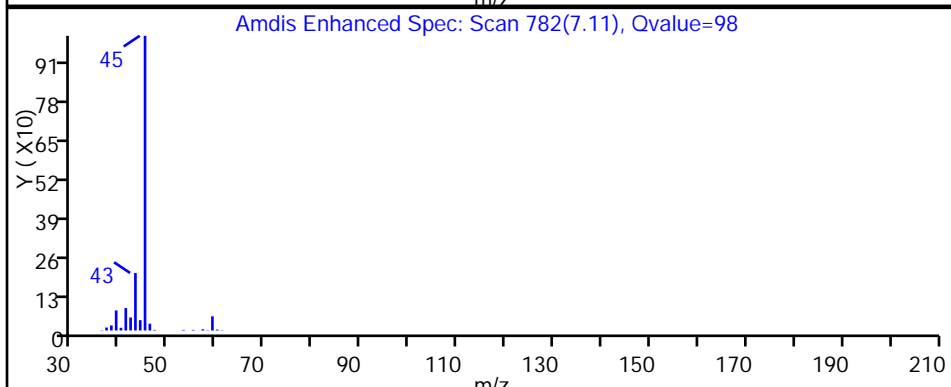
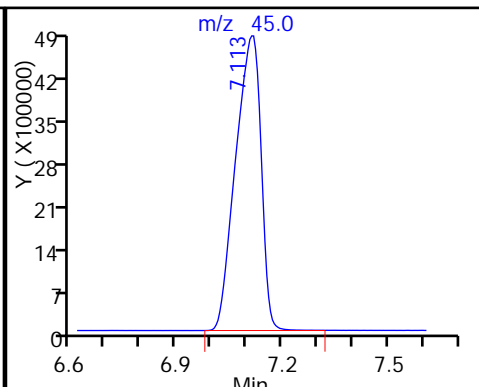
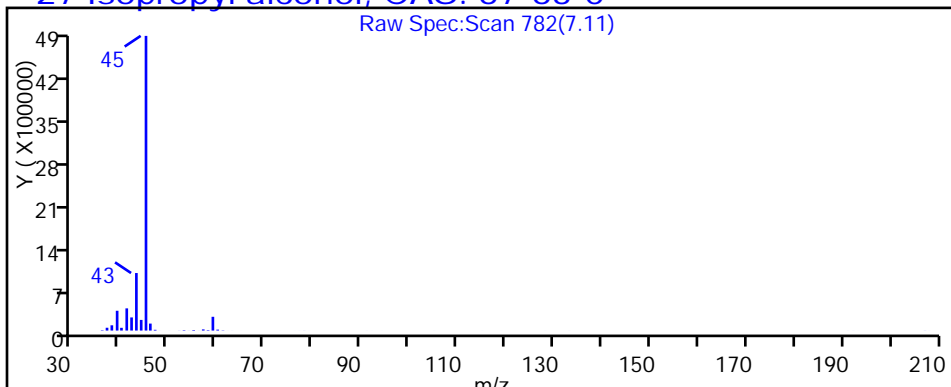
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

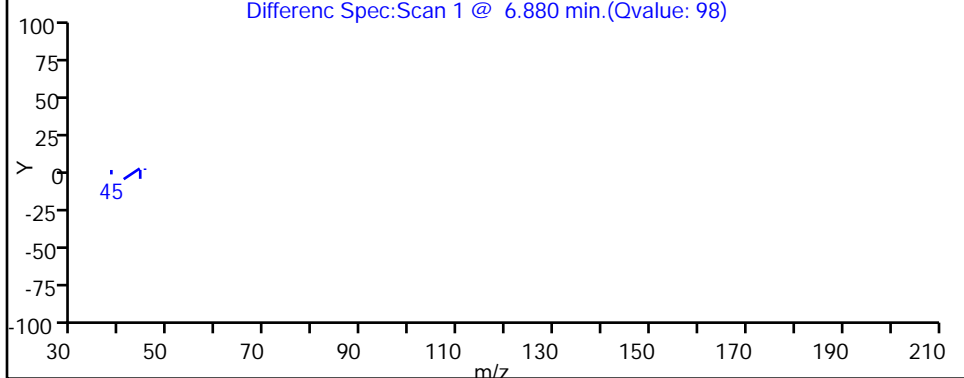
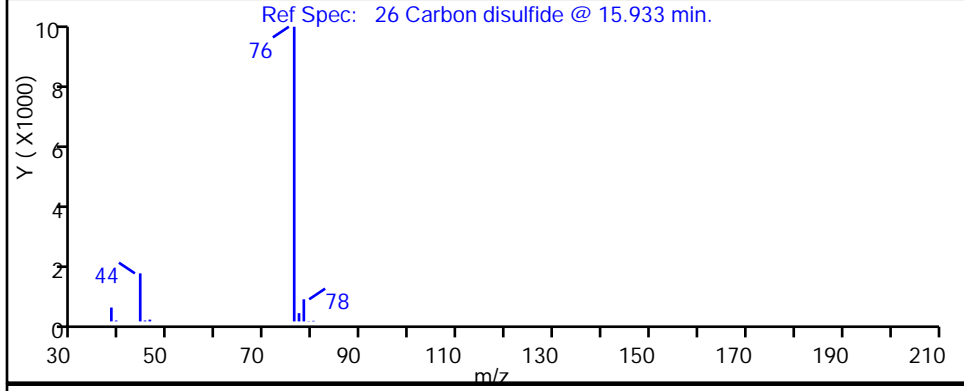
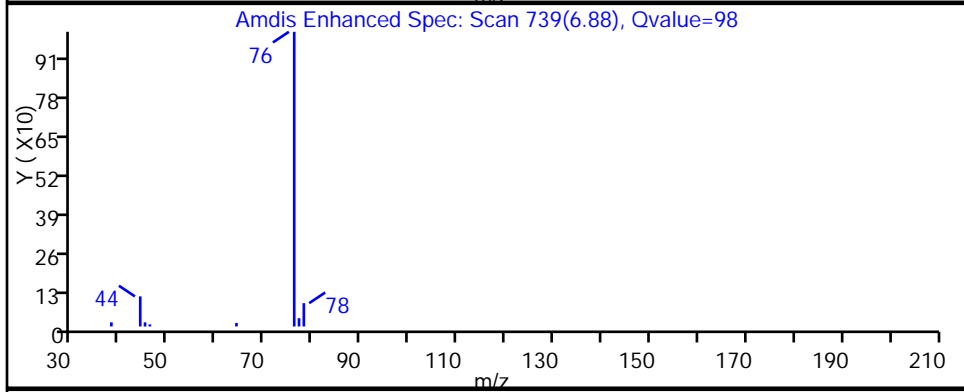
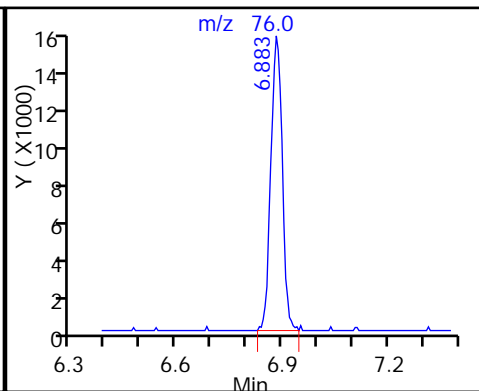
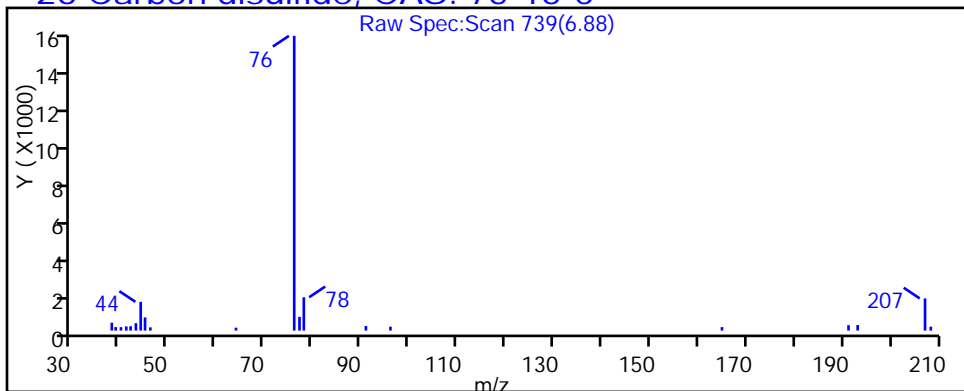
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

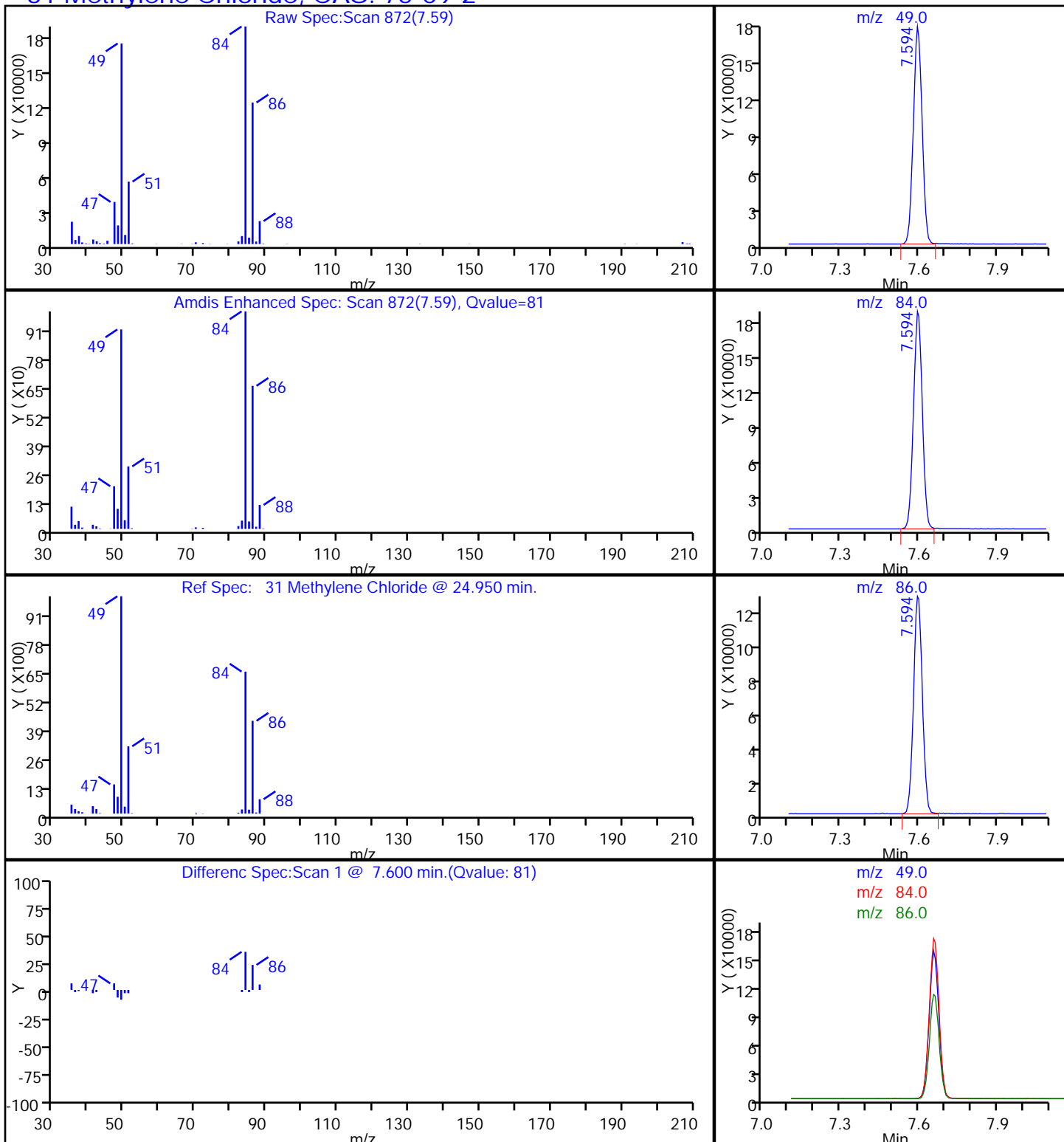
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

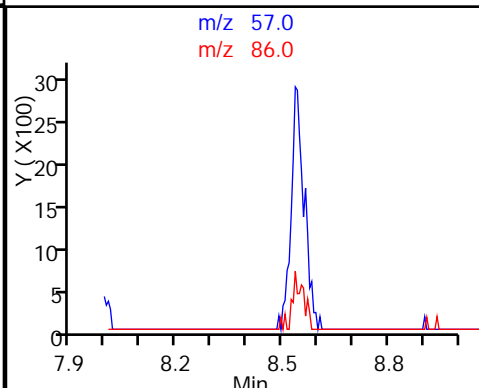
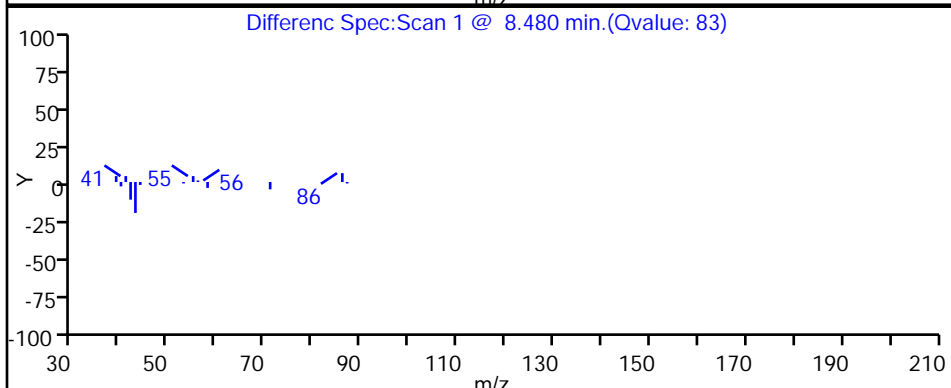
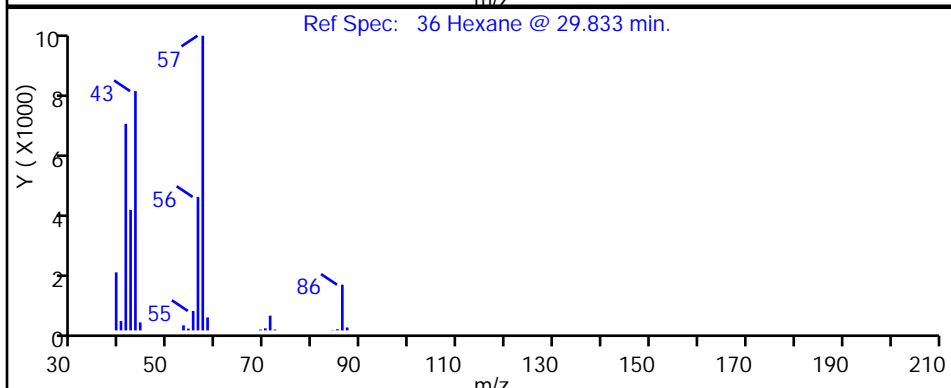
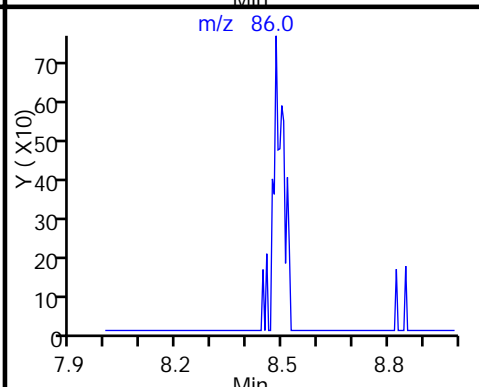
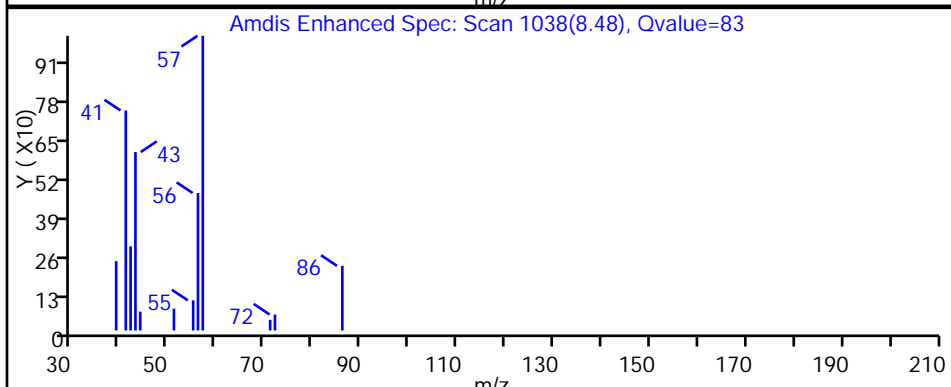
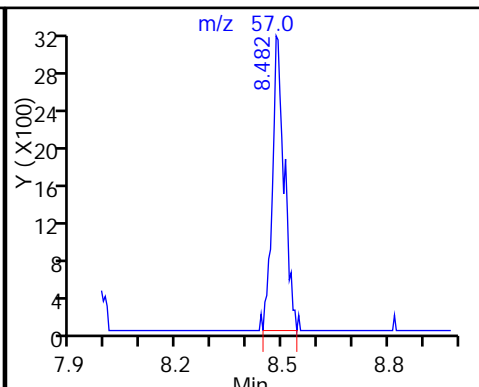
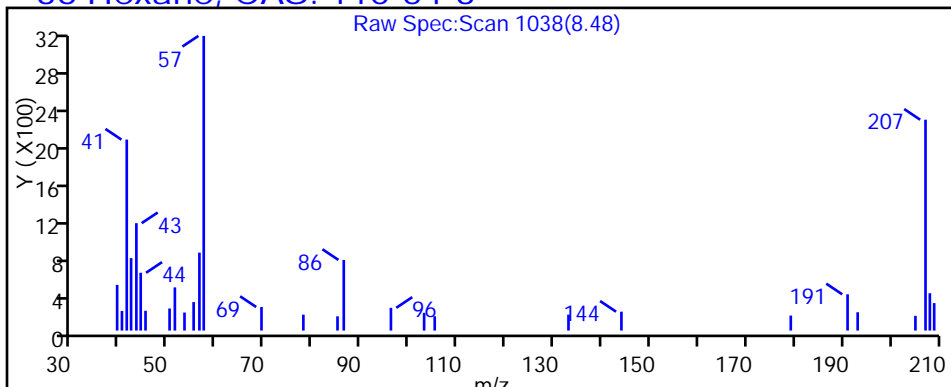
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

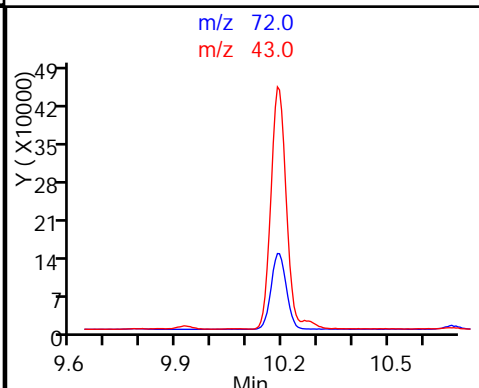
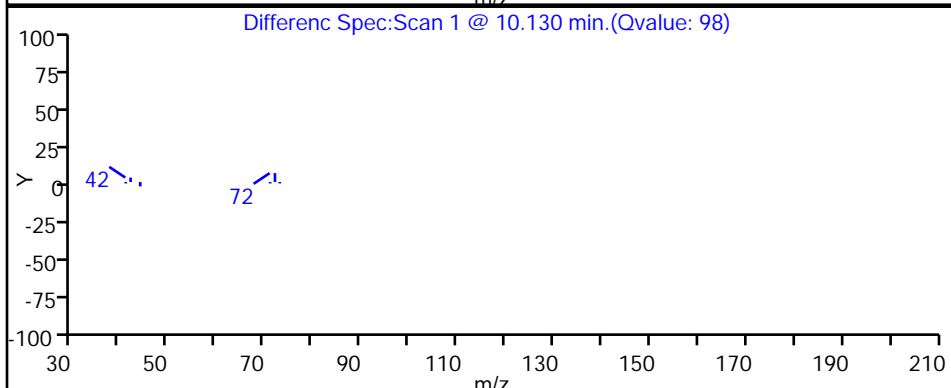
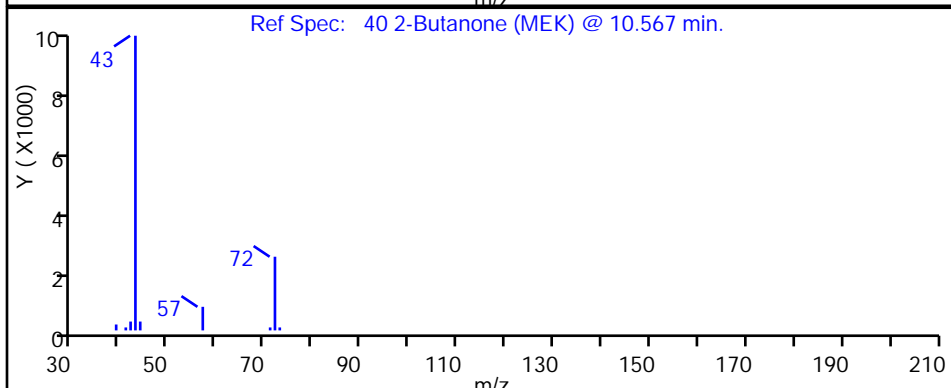
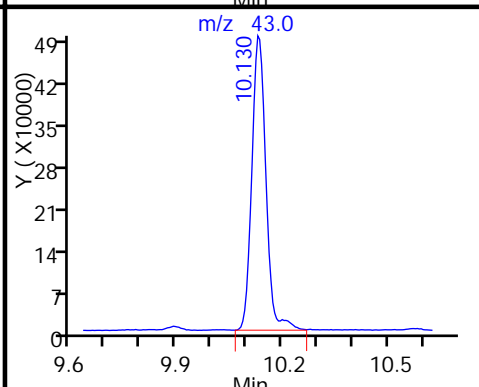
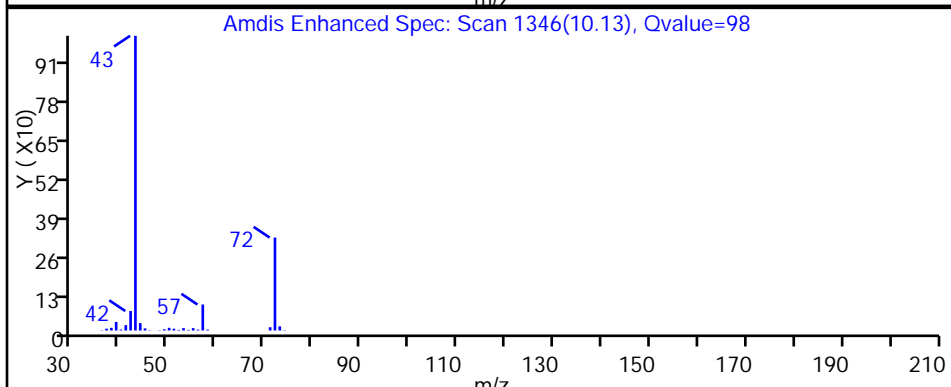
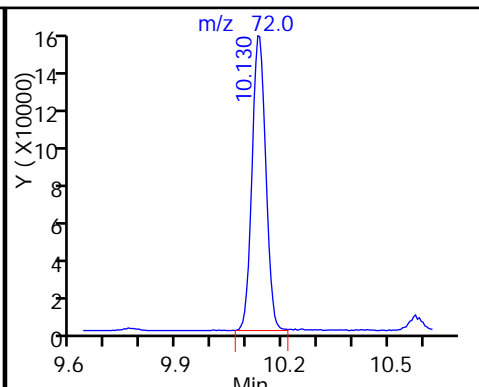
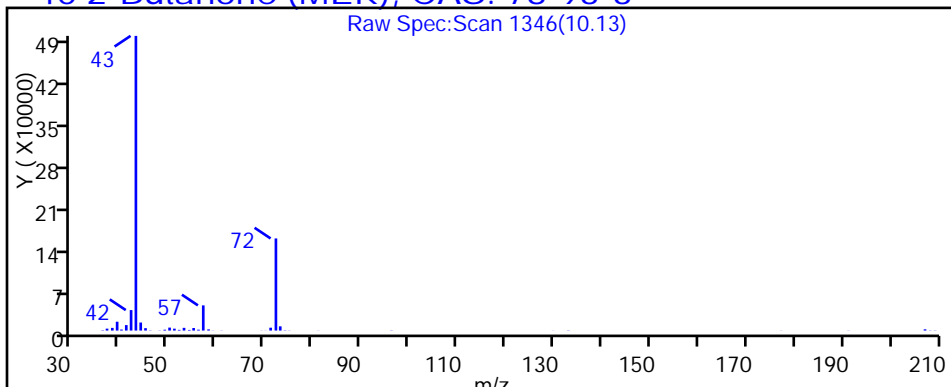
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

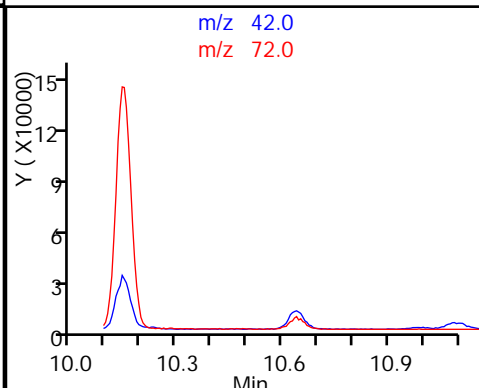
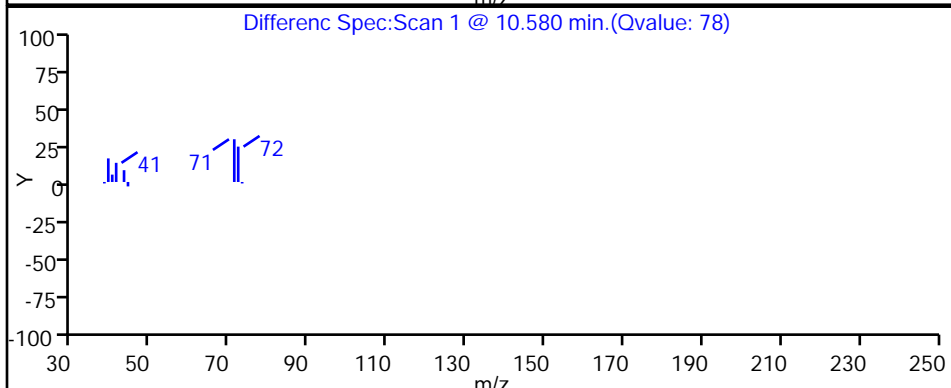
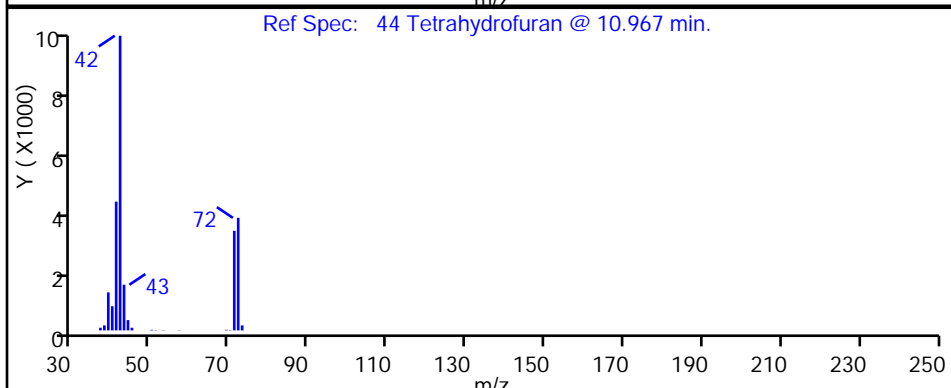
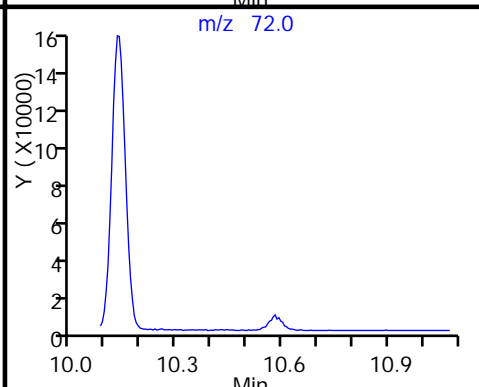
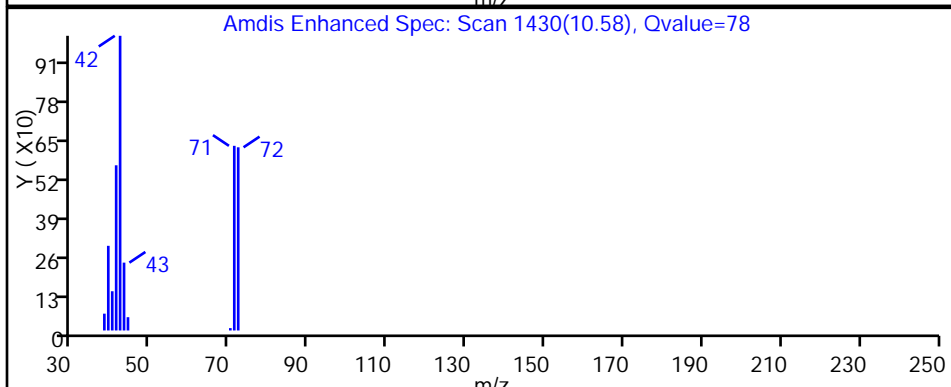
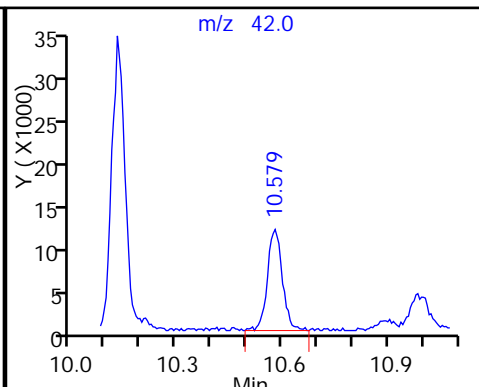
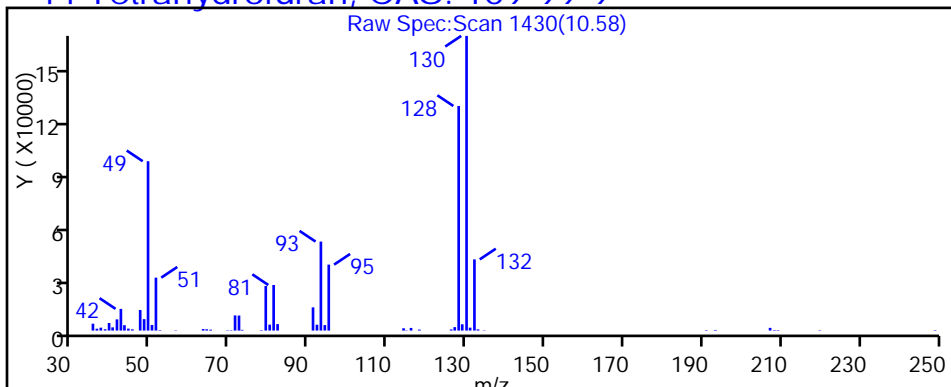
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

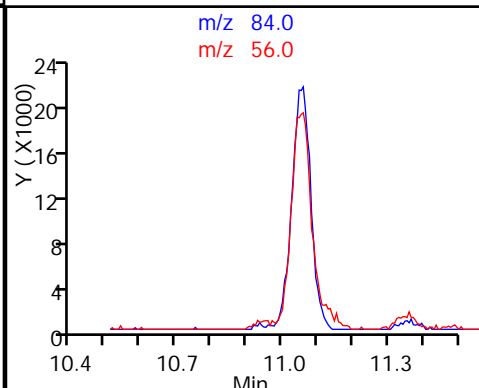
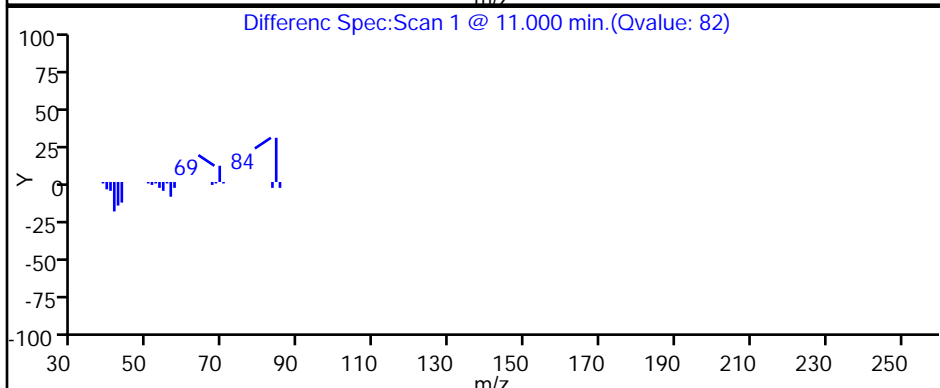
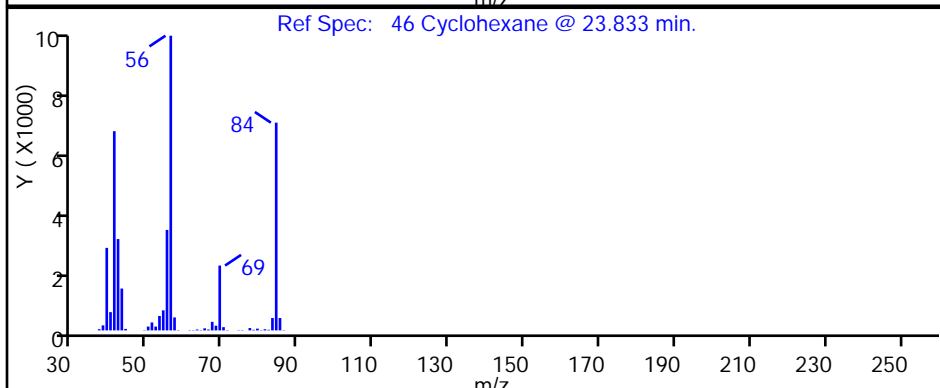
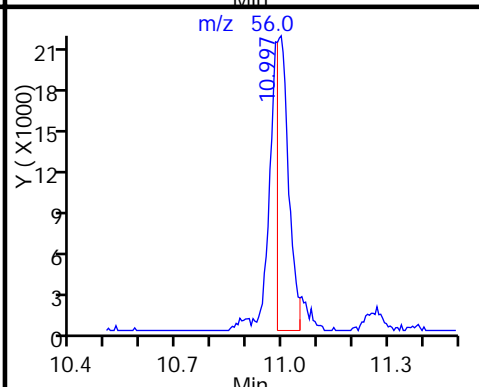
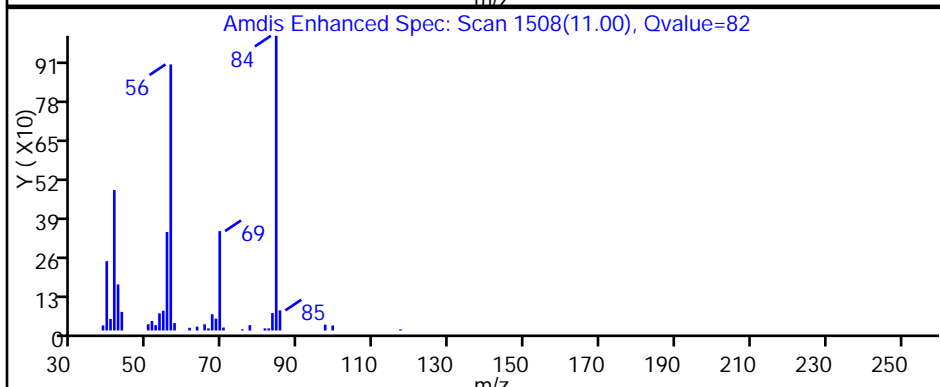
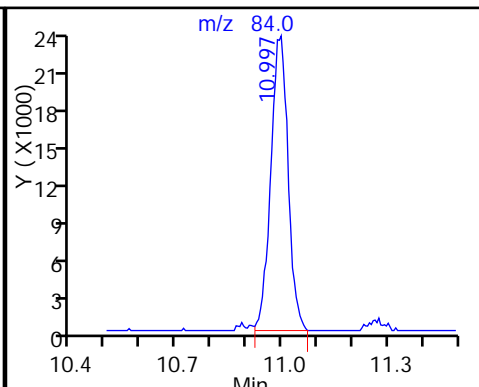
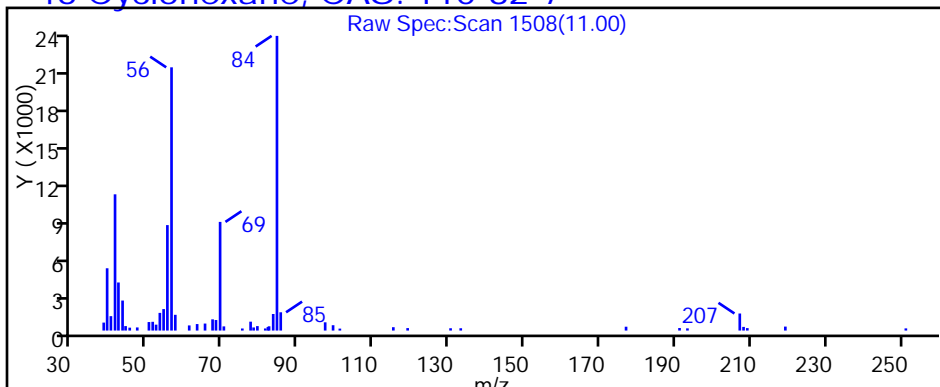
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

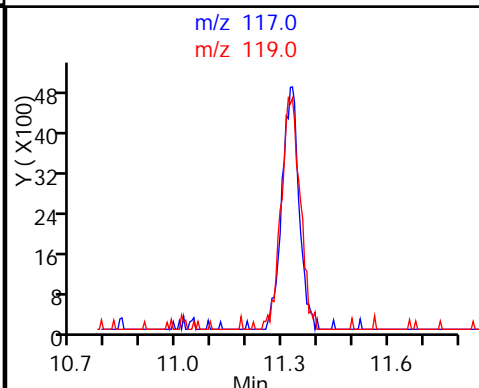
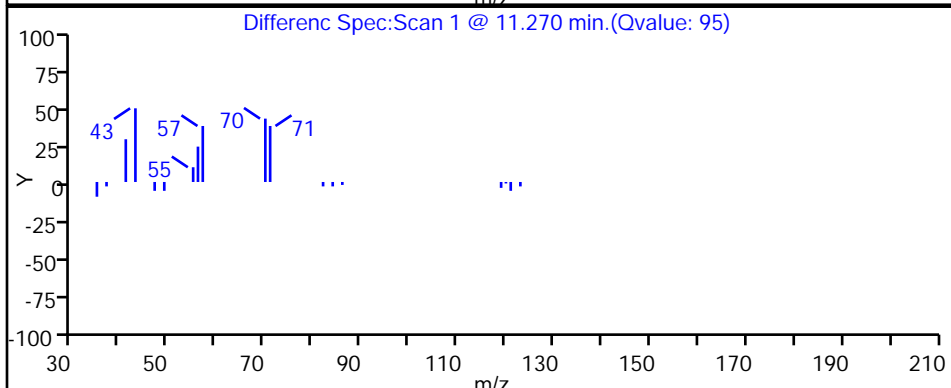
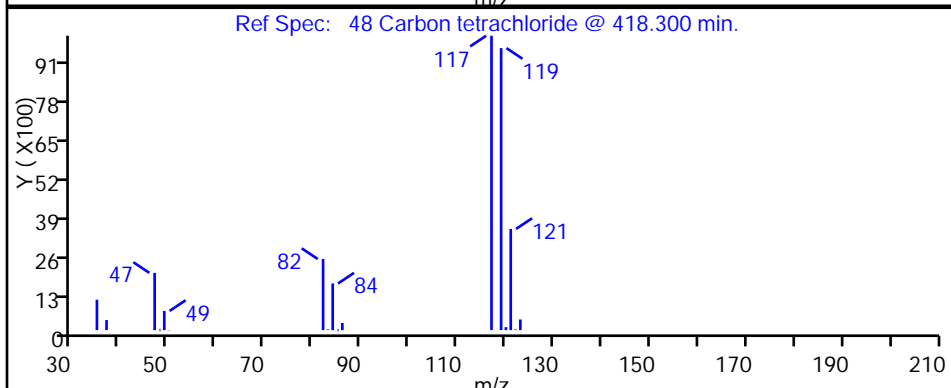
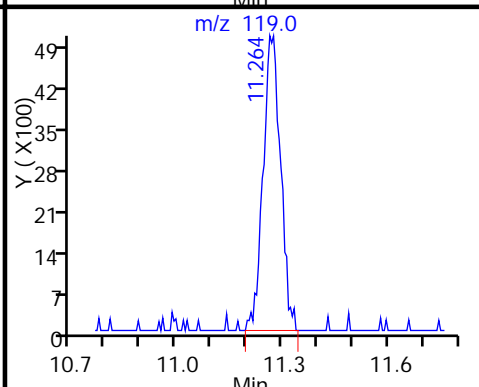
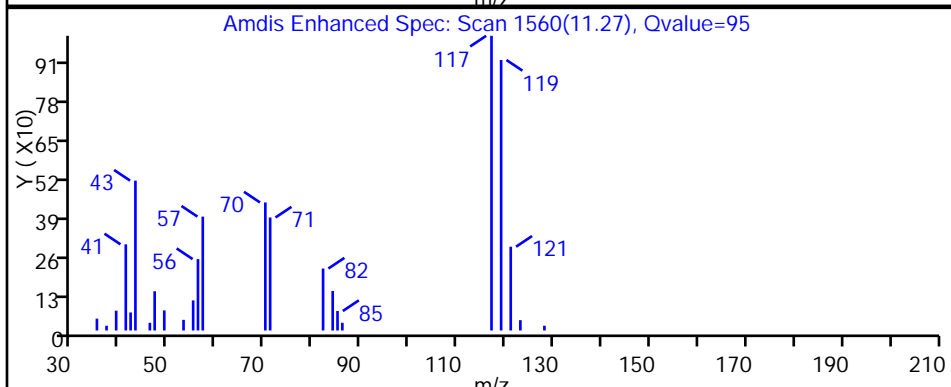
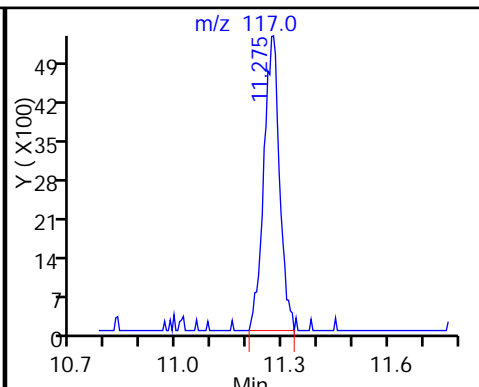
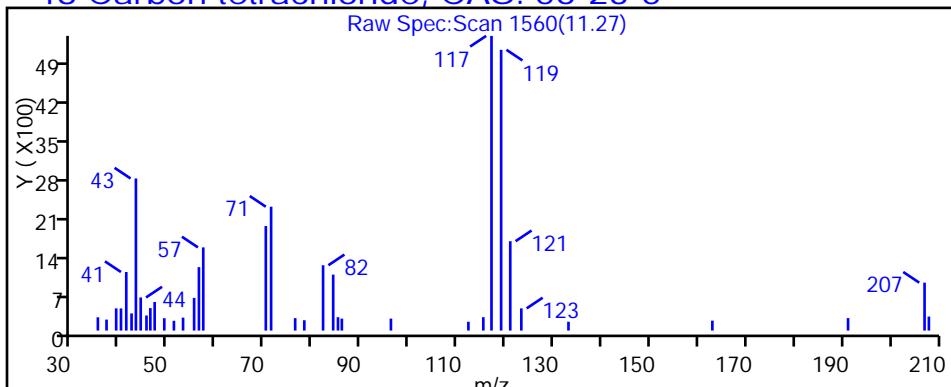
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

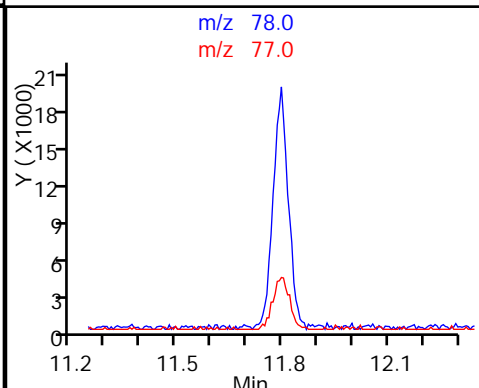
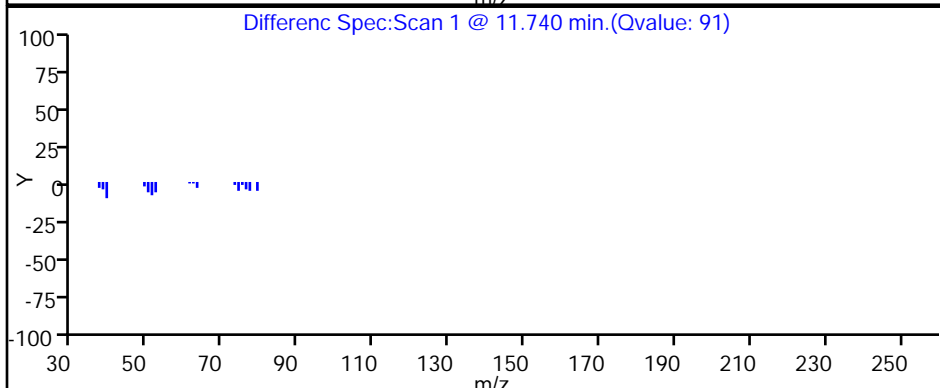
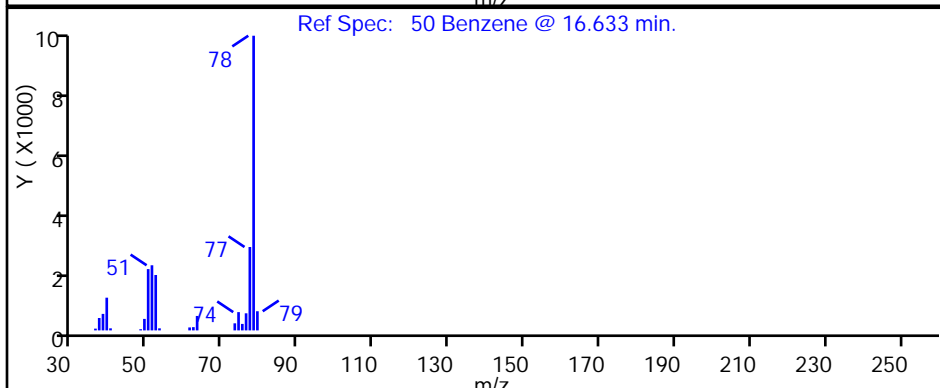
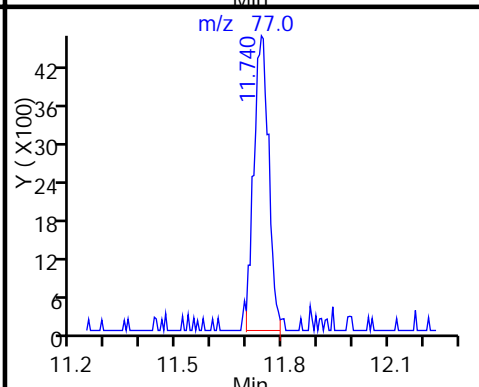
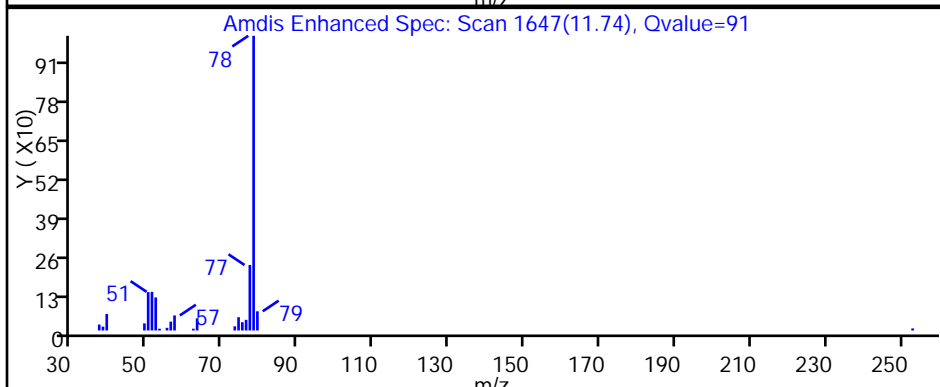
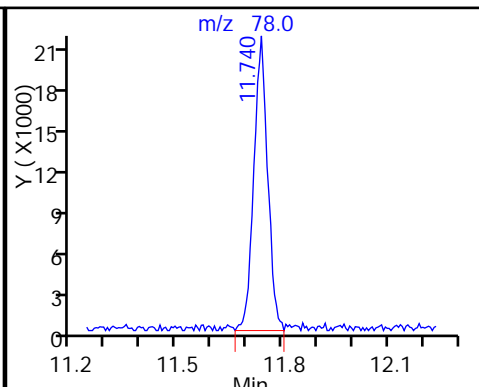
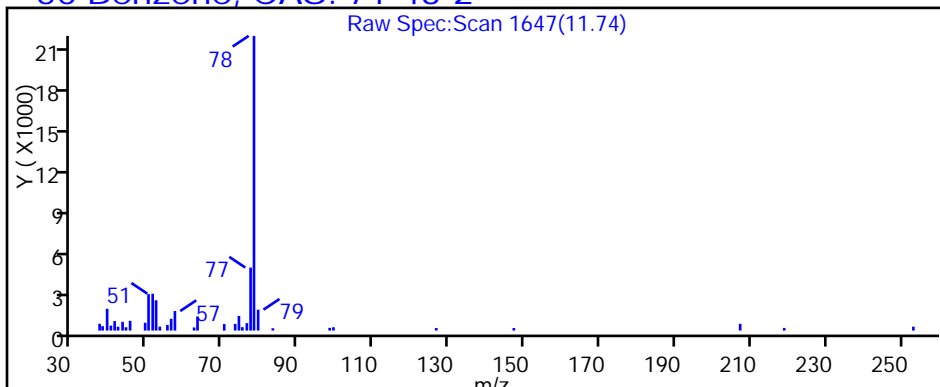
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

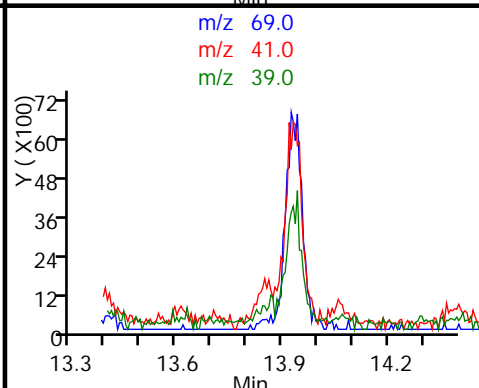
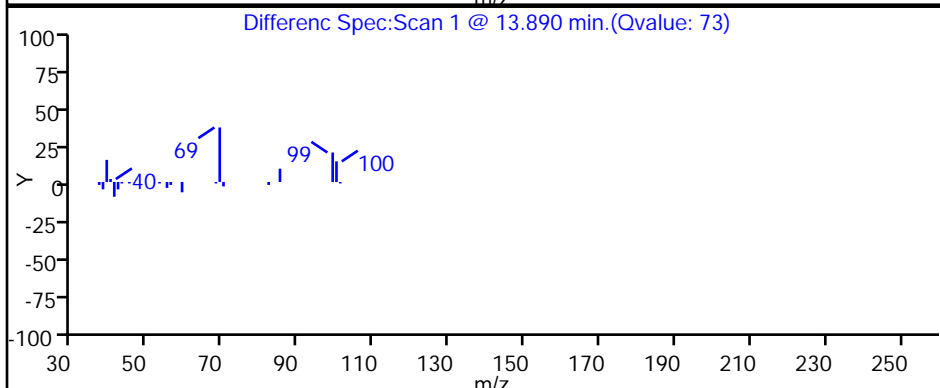
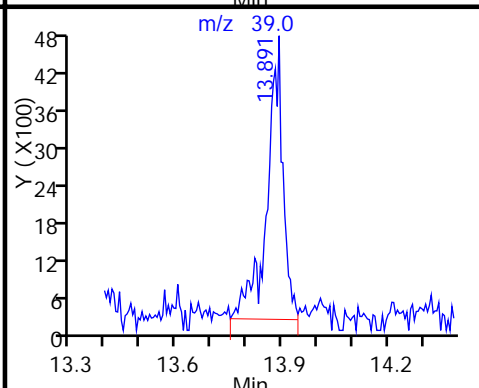
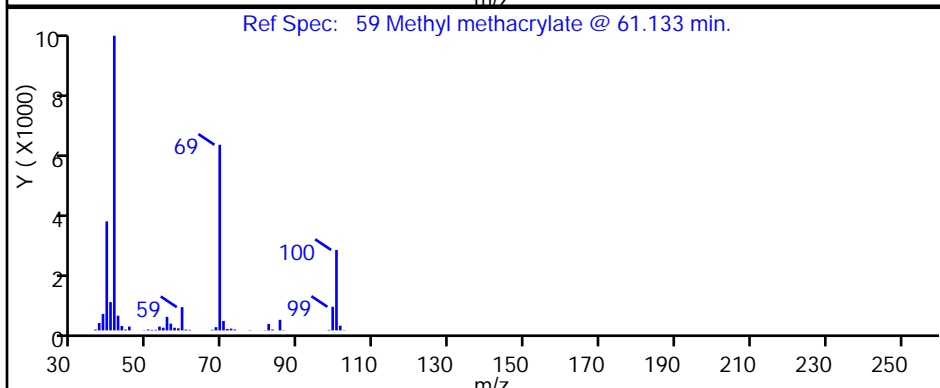
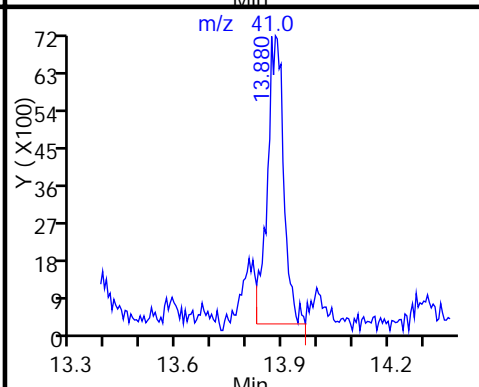
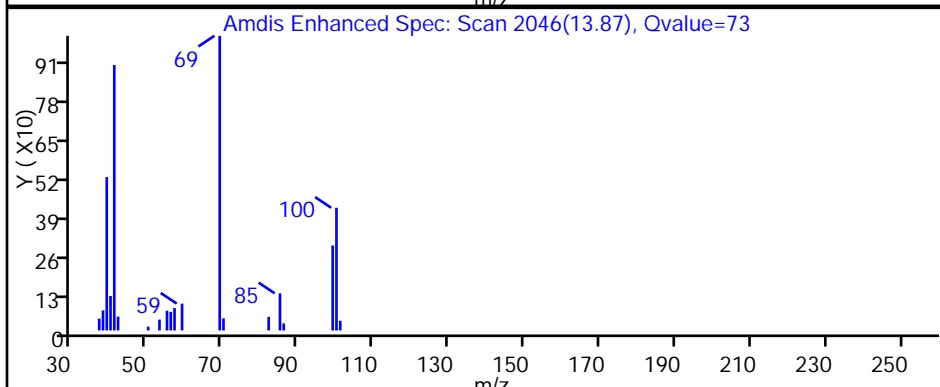
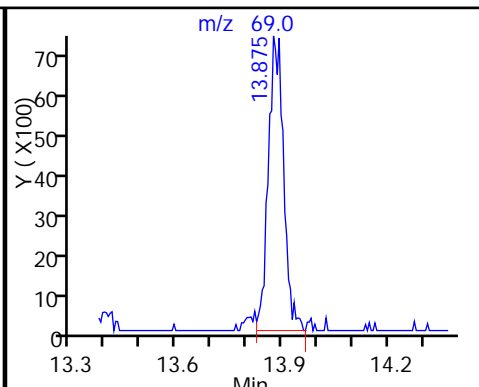
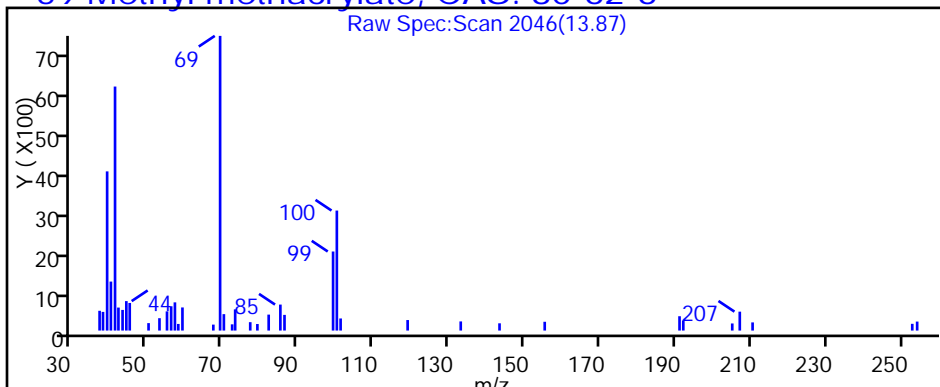
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

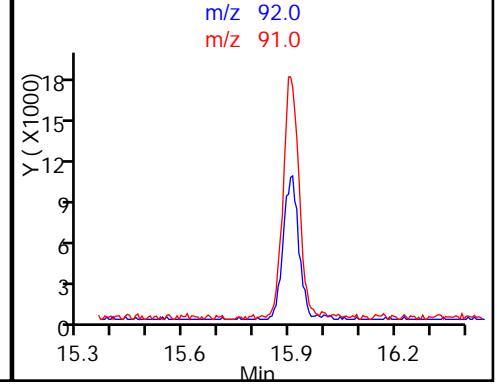
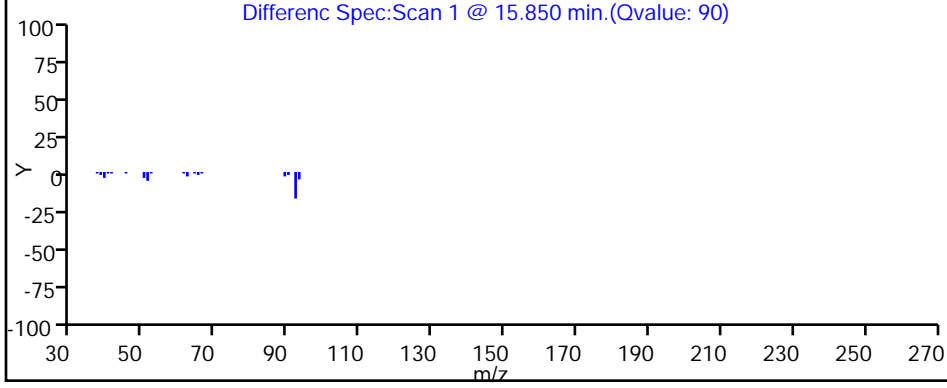
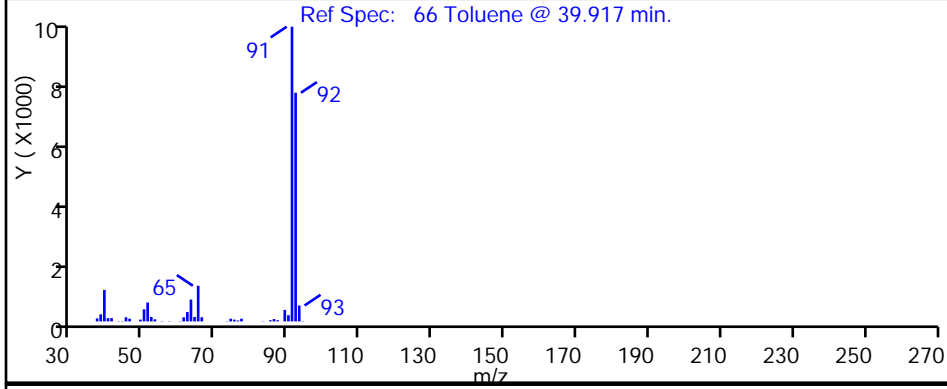
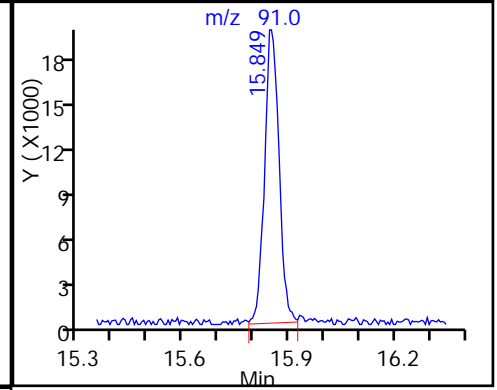
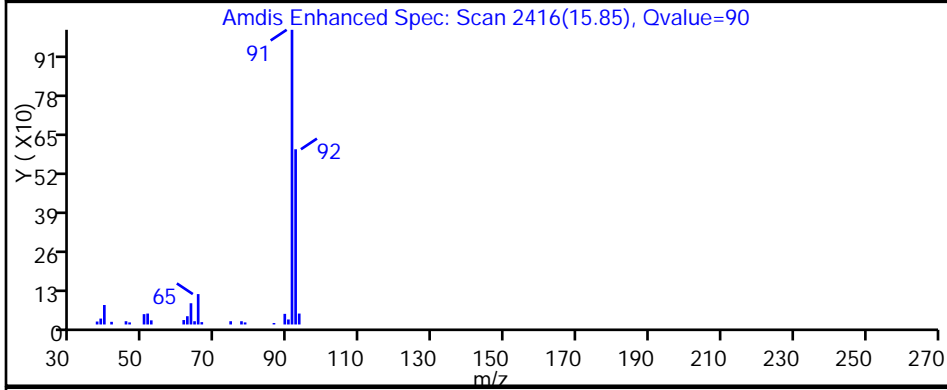
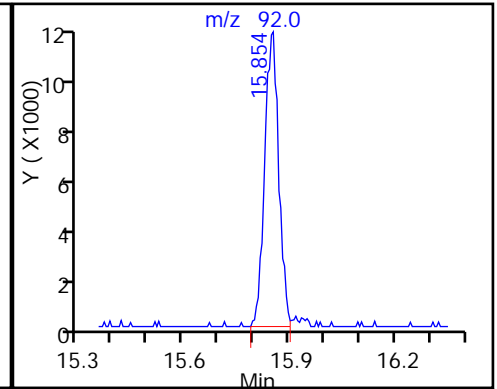
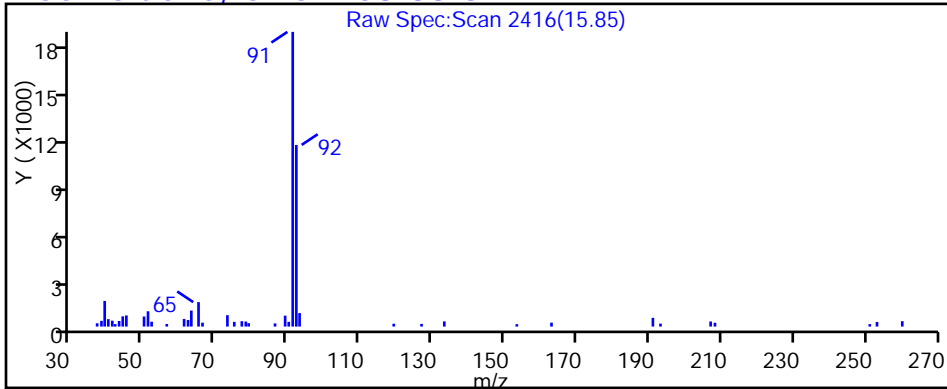
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_022.D

Injection Date: 22-Feb-2014 03:51:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-12

Lab Sample ID: 200-20955-12

Client ID: SS-VMP-3D

Operator ID: bl

ALS Bottle#: 19

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

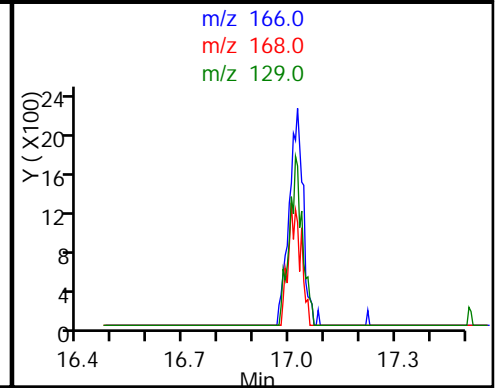
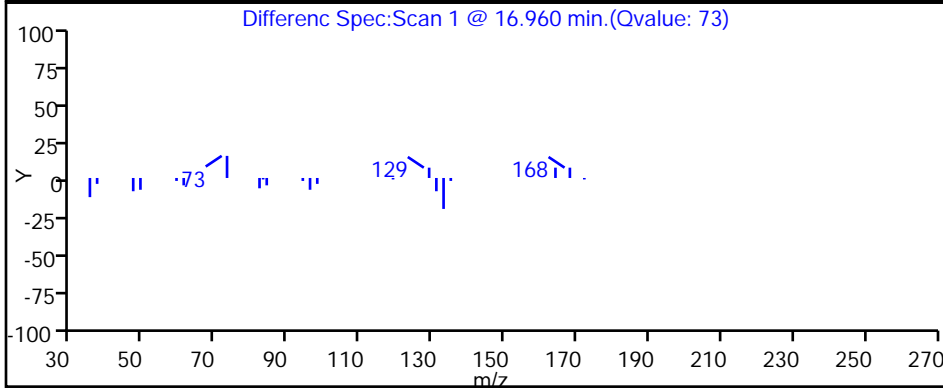
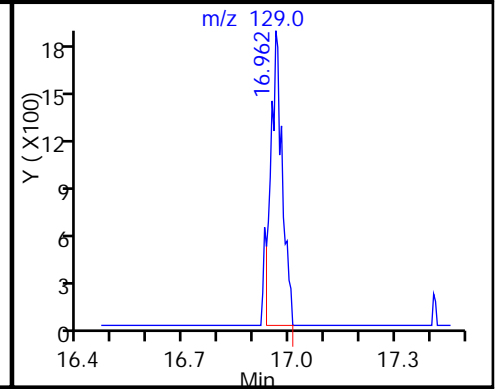
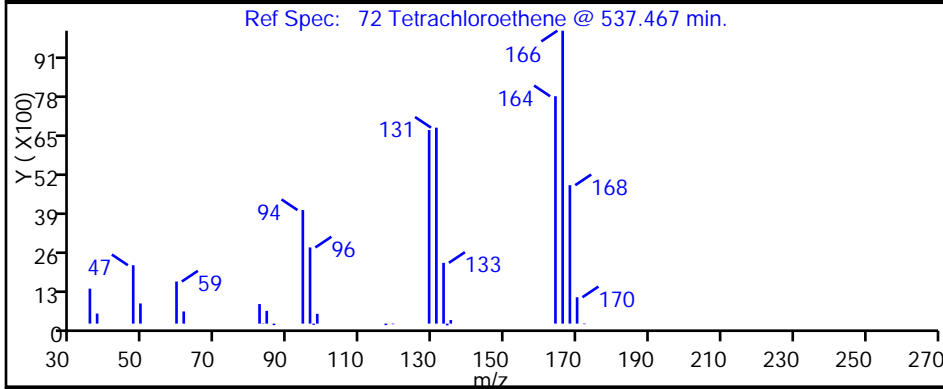
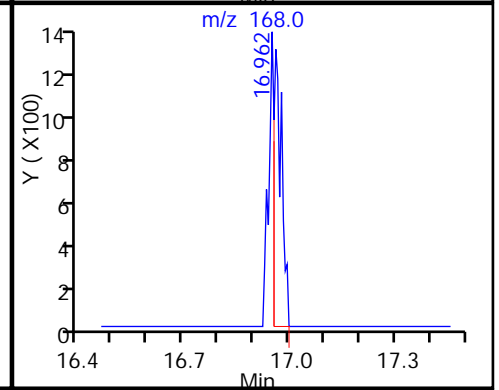
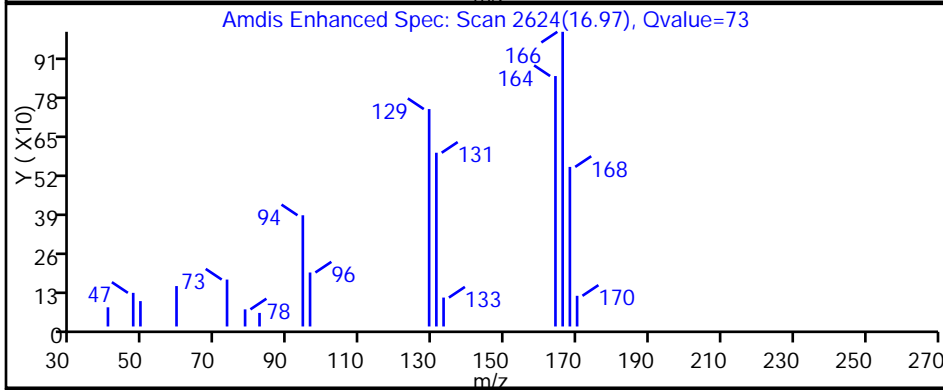
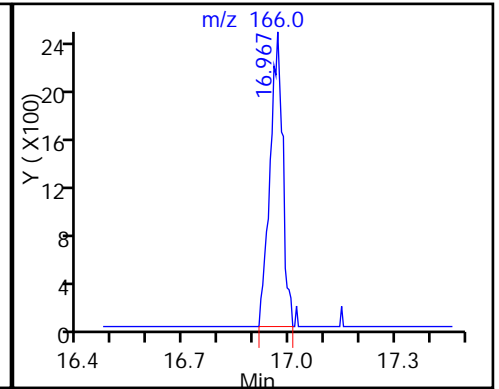
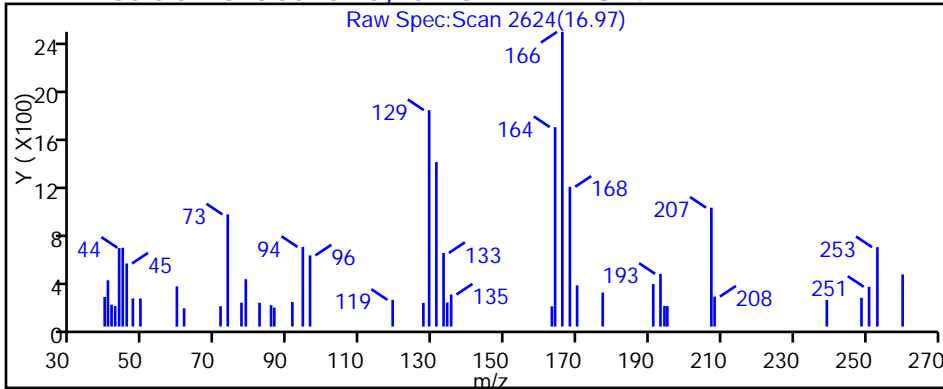
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5B Lab Sample ID: 200-20955-14
 Matrix: Air Lab File ID: 6267_024.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:13
 Sample wt/vol: 29 (mL) Date Analyzed: 02/22/2014 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 6.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	3.5	U	3.5	0.21
75-45-6	Freon 22	86.47	3.5	U	3.5	0.33
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	3.5	U	3.5	0.94
106-97-8	n-Butane	58.12	3.5	U	3.5	1.9
75-01-4	Vinyl chloride	62.50	0.28	U	0.28	0.26
106-99-0	1,3-Butadiene	54.09	1.4	U	1.4	0.29
74-83-9	Bromomethane	94.94	1.4	U	1.4	0.19
75-00-3	Chloroethane	64.52	3.5	U	3.5	0.21
593-60-2	Vinyl bromide	106.96	1.4	U	1.4	0.21
75-69-4	Freon 11	137.37	1.4	U	1.4	0.21
76-13-1	Freon 113	187.38	1.4	U	1.4	0.12
75-35-4	1,1-Dichloroethene	96.94	1.4	U	1.4	0.17
67-64-1	Acetone	58.08	35	U	35	8.6
67-63-0	Isopropyl alcohol	60.10	390	E	35	1.5
75-15-0	Carbon disulfide	76.14	3.5	U	3.5	0.46
107-05-1	Allyl chloride	76.53	3.5	U	3.5	0.23
75-09-2	Methylene Chloride	84.93	87		3.5	0.86
75-65-0	tert-Butyl alcohol	74.12	35	U	35	2.3
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.15
156-60-5	trans-1,2-Dichloroethene	96.94	1.4	U	1.4	0.20
110-54-3	Hexane	86.17	1.4	U	1.4	0.23
75-34-3	1,1-Dichloroethane	98.96	1.4	U	1.4	0.26
78-93-3	Methyl Ethyl Ketone	72.11	7.6		3.5	1.7
156-59-2	cis-1,2-Dichloroethene	96.94	1.4	U	1.4	0.26
540-59-0	1,2-Dichloroethene, Total	96.94	1.4	U	1.4	0.44
67-66-3	Chloroform	119.38	1.4	U	1.4	0.17
109-99-9	Tetrahydrofuran	72.11	1.2	J	35	0.32
71-55-6	1,1,1-Trichloroethane	133.41	1.4	U	1.4	0.14
110-82-7	Cyclohexane	84.16	0.86	J	1.4	0.17
56-23-5	Carbon tetrachloride	153.81	0.28	U	0.28	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	1.4	U	1.4	0.19
71-43-2	Benzene	78.11	0.31	J	1.4	0.13
107-06-2	1,2-Dichloroethane	98.96	1.4	U	1.4	0.12
142-82-5	Heptane	100.21	1.4	U	1.4	0.32

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5B Lab Sample ID: 200-20955-14
 Matrix: Air Lab File ID: 6267_024.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:13
 Sample wt/vol: 29(mL) Date Analyzed: 02/22/2014 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 6.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.28	U	0.28	0.17
80-62-6	Methyl methacrylate	100.12	3.5	U	3.5	0.21
78-87-5	1,2-Dichloropropane	112.99	1.4	U	1.4	0.22
123-91-1	1,4-Dioxane	88.11	35	U	35	1.4
75-27-4	Bromodichloromethane	163.83	1.4	U	1.4	0.12
10061-01-5	cis-1,3-Dichloropropene	110.97	1.4	U	1.4	0.19
108-10-1	methyl isobutyl ketone	100.16	3.5	U	3.5	0.19
108-88-3	Toluene	92.14	0.84	J	1.4	0.12
10061-02-6	trans-1,3-Dichloropropene	110.97	1.4	U	1.4	0.15
79-00-5	1,1,2-Trichloroethane	133.41	1.4	U	1.4	0.12
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.5	U	3.5	1.4
124-48-1	Dibromochloromethane	208.29	1.4	U	1.4	0.14
106-93-4	1,2-Dibromoethane	187.87	1.4	U	1.4	0.14
108-90-7	Chlorobenzene	112.56	1.4	U	1.4	0.056
100-41-4	Ethylbenzene	106.17	1.4	U	1.4	0.090
179601-23-1	m,p-Xylene	106.17	3.5	U	3.5	0.16
95-47-6	Xylene, o-	106.17	1.4	U	1.4	0.11
1330-20-7	Xylene (total)	106.17	1.4	U	1.4	0.23
100-42-5	Styrene	104.15	1.4	U	1.4	0.12
75-25-2	Bromoform	252.75	1.4	U	1.4	0.069
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	1.4	U	1.4	0.55
622-96-8	4-Ethyltoluene	120.20	1.4	U	1.4	0.12
108-67-8	1,3,5-Trimethylbenzene	120.20	1.4	U	1.4	0.083
95-49-8	2-Chlorotoluene	126.59	1.4	U	1.4	0.090
98-06-6	tert-Butylbenzene	134.22	1.4	U	1.4	0.12
95-63-6	1,2,4-Trimethylbenzene	120.20	1.4	U	1.4	0.097
135-98-8	sec-Butylbenzene	134.22	1.4	U	1.4	0.55
99-87-6	4-Isopropyltoluene	134.22	1.4	U	1.4	0.55
541-73-1	1,3-Dichlorobenzene	147.00	0.37	J	1.4	0.097
106-46-7	1,4-Dichlorobenzene	147.00	1.4	U	1.4	0.097
100-44-7	Benzyl chloride	126.58	1.4	U	1.4	0.55
104-51-8	n-Butylbenzene	134.22	1.4	U	1.4	0.55

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5B Lab Sample ID: 200-20955-14
 Matrix: Air Lab File ID: 6267_024.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:13
 Sample wt/vol: 29(mL) Date Analyzed: 02/22/2014 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 6.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.4	U	1.4	0.097
120-82-1	1,2,4-Trichlorobenzene	181.45	3.5	U	3.5	0.19
87-68-3	Hexachloro-1,3-butadiene	260.76	1.4	U	1.4	0.15
91-20-3	Naphthalene	128.17	3.5	U	3.5	1.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5B Lab Sample ID: 200-20955-14
 Matrix: Air Lab File ID: 6267_024.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:13
 Sample wt/vol: 29 (mL) Date Analyzed: 02/22/2014 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 6.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	17	U	17	1.0
75-45-6	Freon 22	86.47	12	U	12	1.2
76-14-2	Freon-114	170.92	9.6	U	9.6	1.7
74-87-3	Chloromethane	50.49	7.1	U	7.1	1.9
106-97-8	n-Butane	58.12	8.2	U	8.2	4.6
75-01-4	Vinyl chloride	62.50	0.71	U	0.71	0.67
106-99-0	1,3-Butadiene	54.09	3.1	U	3.1	0.64
74-83-9	Bromomethane	94.94	5.4	U	5.4	0.75
75-00-3	Chloroethane	64.52	9.1	U	9.1	0.55
593-60-2	Vinyl bromide	106.96	6.0	U	6.0	0.91
75-69-4	Freon 11	137.37	7.8	U	7.8	1.2
76-13-1	Freon 113	187.38	11	U	11	0.95
75-35-4	1,1-Dichloroethene	96.94	5.5	U	5.5	0.66
67-64-1	Acetone	58.08	82	U	82	21
67-63-0	Isopropyl alcohol	60.10	970	E	85	3.6
75-15-0	Carbon disulfide	76.14	11	U	11	1.4
107-05-1	Allyl chloride	76.53	11	U	11	0.73
75-09-2	Methylene Chloride	84.93	300		12	3.0
75-65-0	tert-Butyl alcohol	74.12	100	U	100	6.9
1634-04-4	Methyl tert-butyl ether	88.15	5.0	U	5.0	0.55
156-60-5	trans-1,2-Dichloroethene	96.94	5.5	U	5.5	0.79
110-54-3	Hexane	86.17	4.9	U	4.9	0.83
75-34-3	1,1-Dichloroethane	98.96	5.6	U	5.6	1.1
78-93-3	Methyl Ethyl Ketone	72.11	22		10	4.9
156-59-2	cis-1,2-Dichloroethene	96.94	5.5	U	5.5	1.0
540-59-0	1,2-Dichloroethene, Total	96.94	5.5	U	5.5	1.8
67-66-3	Chloroform	119.38	6.7	U	6.7	0.84
109-99-9	Tetrahydrofuran	72.11	3.6	J	100	0.94
71-55-6	1,1,1-Trichloroethane	133.41	7.5	U	7.5	0.79
110-82-7	Cyclohexane	84.16	2.9	J	4.8	0.59
56-23-5	Carbon tetrachloride	153.81	1.7	U	1.7	0.91
540-84-1	2,2,4-Trimethylpentane	114.23	6.4	U	6.4	0.87
71-43-2	Benzene	78.11	1.0	J	4.4	0.42
107-06-2	1,2-Dichloroethane	98.96	5.6	U	5.6	0.47
142-82-5	Heptane	100.21	5.7	U	5.7	1.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5B Lab Sample ID: 200-20955-14
 Matrix: Air Lab File ID: 6267_024.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:13
 Sample wt/vol: 29(mL) Date Analyzed: 02/22/2014 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 6.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	1.5	U	1.5	0.89
80-62-6	Methyl methacrylate	100.12	14	U	14	0.85
78-87-5	1,2-Dichloropropane	112.99	6.4	U	6.4	1.0
123-91-1	1,4-Dioxane	88.11	120	U	120	5.0
75-27-4	Bromodichloromethane	163.83	9.2	U	9.2	0.79
10061-01-5	cis-1,3-Dichloropropene	110.97	6.3	U	6.3	0.88
108-10-1	methyl isobutyl ketone	100.16	14	U	14	0.76
108-88-3	Toluene	92.14	3.2	J	5.2	0.44
10061-02-6	trans-1,3-Dichloropropene	110.97	6.3	U	6.3	0.69
79-00-5	1,1,2-Trichloroethane	133.41	7.5	U	7.5	0.64
127-18-4	Tetrachloroethene	165.83	9.4	U	9.4	0.75
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	14	U	14	5.7
124-48-1	Dibromochloromethane	208.29	12	U	12	1.2
106-93-4	1,2-Dibromoethane	187.87	11	U	11	1.1
108-90-7	Chlorobenzene	112.56	6.4	U	6.4	0.26
100-41-4	Ethylbenzene	106.17	6.0	U	6.0	0.39
179601-23-1	m,p-Xylene	106.17	15	U	15	0.69
95-47-6	Xylene, o-	106.17	6.0	U	6.0	0.48
1330-20-7	Xylene (total)	106.17	6.0	U	6.0	1.0
100-42-5	Styrene	104.15	5.9	U	5.9	0.53
75-25-2	Bromoform	252.75	14	U	14	0.71
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.5	U	9.5	0.76
103-65-1	n-Propylbenzene	120.19	6.8	U	6.8	2.7
622-96-8	4-Ethyltoluene	120.20	6.8	U	6.8	0.61
108-67-8	1,3,5-Trimethylbenzene	120.20	6.8	U	6.8	0.41
95-49-8	2-Chlorotoluene	126.59	7.1	U	7.1	0.46
98-06-6	tert-Butylbenzene	134.22	7.6	U	7.6	0.64
95-63-6	1,2,4-Trimethylbenzene	120.20	6.8	U	6.8	0.47
135-98-8	sec-Butylbenzene	134.22	7.6	U	7.6	3.0
99-87-6	4-Isopropyltoluene	134.22	7.6	U	7.6	3.0
541-73-1	1,3-Dichlorobenzene	147.00	2.2	J	8.3	0.58
106-46-7	1,4-Dichlorobenzene	147.00	8.3	U	8.3	0.58
100-44-7	Benzyl chloride	126.58	7.1	U	7.1	2.9
104-51-8	n-Butylbenzene	134.22	7.6	U	7.6	3.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5B Lab Sample ID: 200-20955-14
 Matrix: Air Lab File ID: 6267_024.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:13
 Sample wt/vol: 29(mL) Date Analyzed: 02/22/2014 05:25
 Soil Aliquot Vol: _____ Dilution Factor: 6.9
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	8.3	U	8.3	0.58
120-82-1	1,2,4-Trichlorobenzene	181.45	26	U	26	1.4
87-68-3	Hexachloro-1,3-butadiene	260.76	15	U	15	1.6
91-20-3	Naphthalene	128.17	18	U	18	7.2

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D
 Lims ID: 200-20955-A-14 Lab Sample ID: 200-20955-14
 Client ID: SS-VMP-5B
 Sample Type: Client
 Inject. Date: 22-Feb-2014 05:25:30 ALS Bottle#: 21 Worklist Smp#: 24
 Purge Vol: 200.000 mL Dil. Factor: 6.9000
 Sample Info: 200-0006267-024
 Misc. Info.: 20955-14
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:49:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		3.127					
6 Chlorodifluoromethane	51		3.181					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.476					
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	2695161	56.9	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	81	596653	12.6	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63		8.947					
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.135	10.135	0.0	98	31879	1.09	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	667833	10.0	
44 Tetrahydrofuran	42	10.579	10.579	0.0	45	8114	0.1790	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.996	10.991	0.005	73	11809	0.1241	
47 1,1,1-Trichloroethane	97		11.002					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48		117		11.269		
	50		78	11.740	11.740	0.0	73 11595 0.0456
	51		57		11.761		
	52		62		11.911		
	53		43		12.168		
*	54		114	12.617	12.623	-0.006	91 3811706 10.0
	56		95		13.110		
	58		63		13.682		
	59		69		13.880		
	60		88		13.917		
	62		83		14.249		
	64		75		15.228		
	65		43		15.528		
	66		92	15.854	15.849	0.005	93 32528 0.1223
	70		75		16.437		
	71		83		16.812		
	72		166		16.961		
	73		43		17.282		
	74		129		17.587		
	75		107		17.860		
*	76		117	18.786	18.786	0.0	81 3629723 10.0
	77		112		18.844		
	78		91		19.016		
	80		106		19.272		
S	82		106		20.100		
	83		106		20.102		
	84		104		20.144		
	85		173		20.530		
\$	87		95	21.107	21.107	0.0	98 1759870 NC
	88		83		21.364		
	90		91		21.471		
	92		91		21.653		
	91		105		21.653		
	94		105		21.760		
	96		119		22.242		
	97		105		22.332		
	98		105		22.562		
	99		119		22.760		
	100		146	22.771	22.776	-0.005	90 17142 0.0529
	101		146		22.910		
	102		91		23.103		
	103		91		23.338		
	105		146		23.451		
	107		180		26.013		
	108		225		26.227		
	109		128		26.505		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Worklist Smp#: 24

Client ID: SS-VMP-5B

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

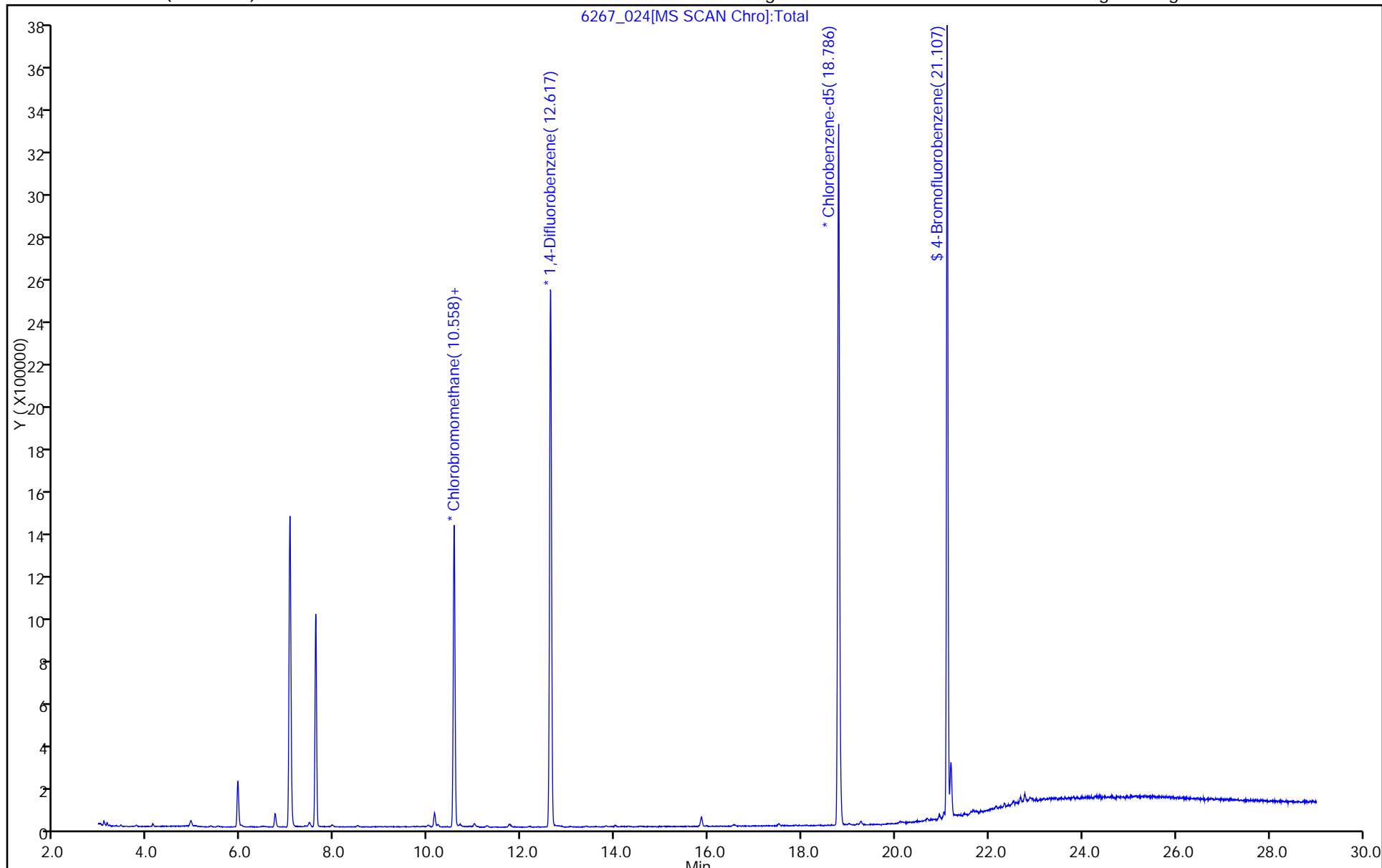
ALS Bottle#: 21

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

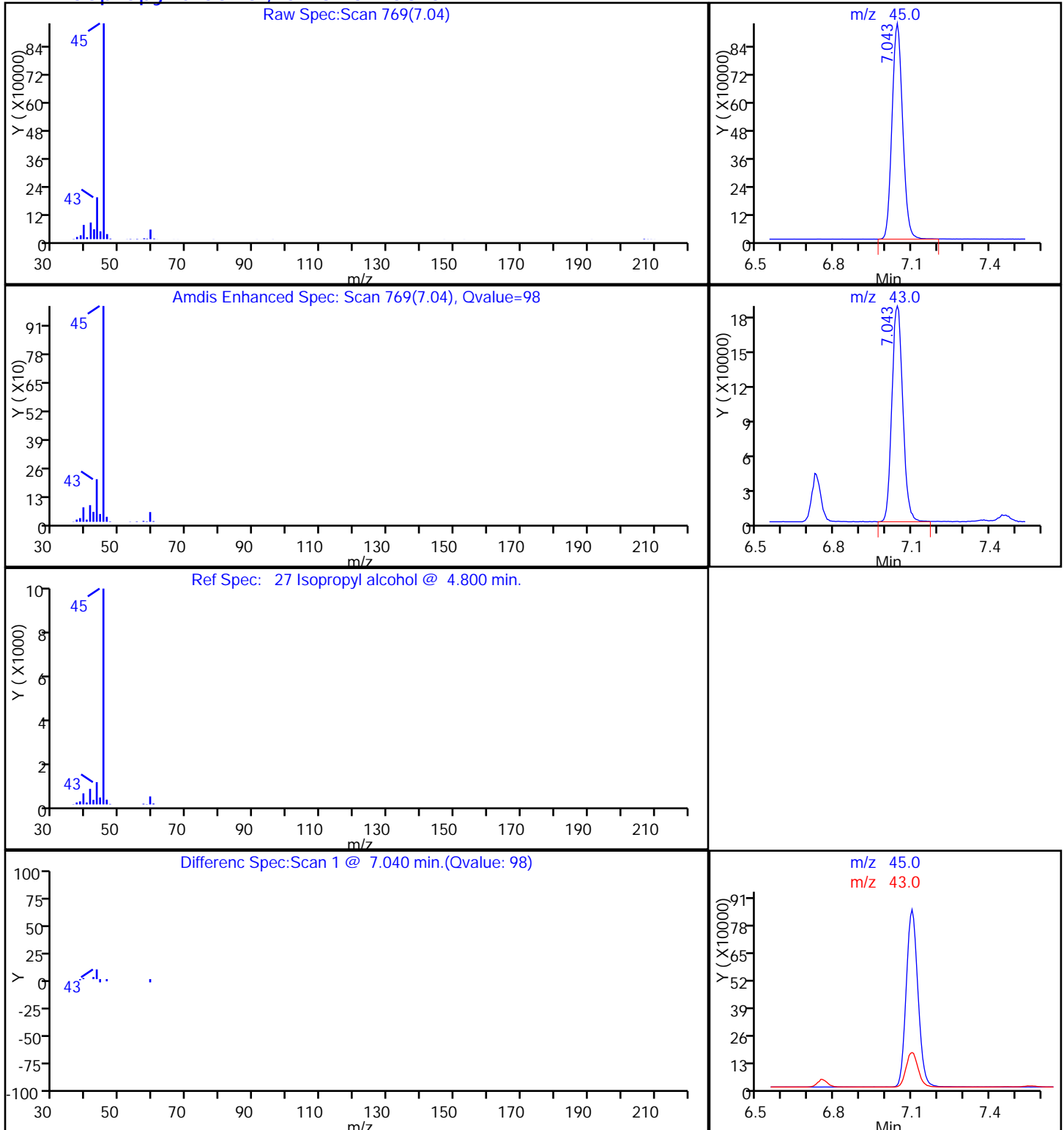
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

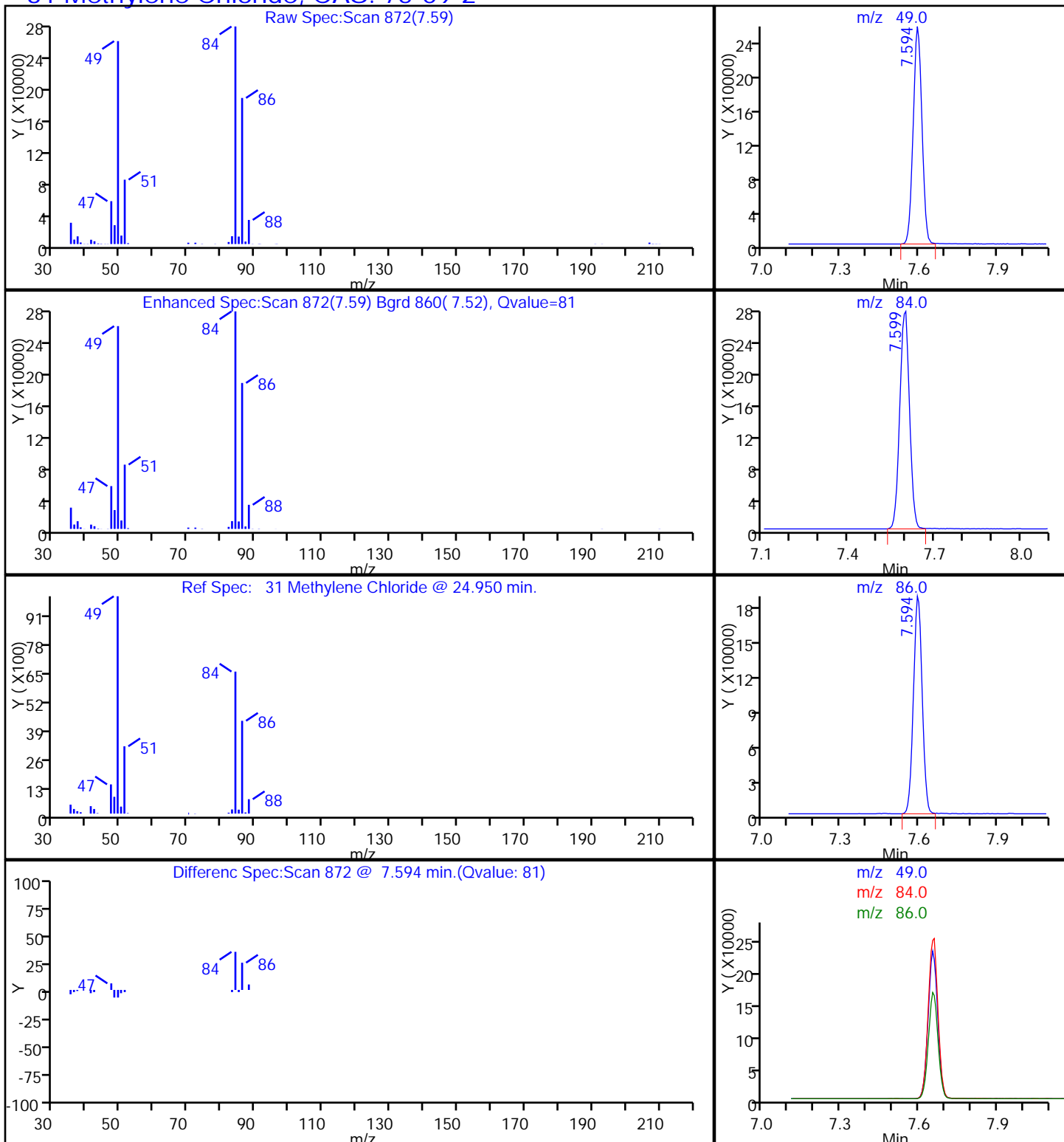
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

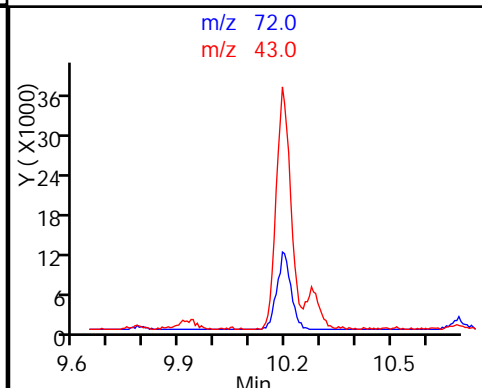
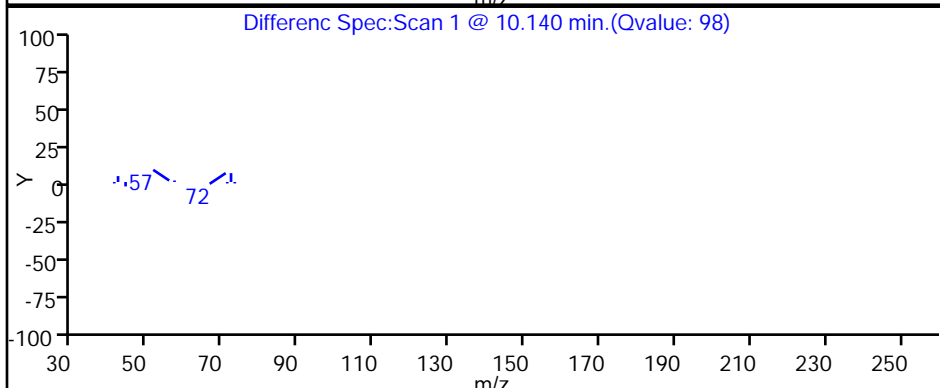
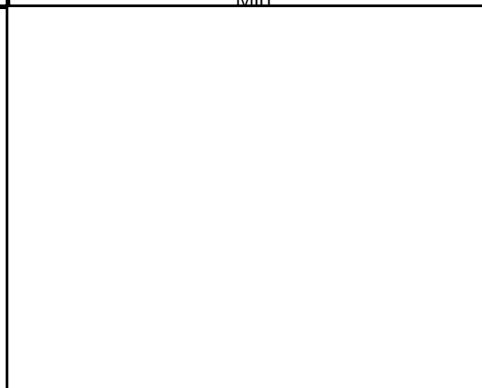
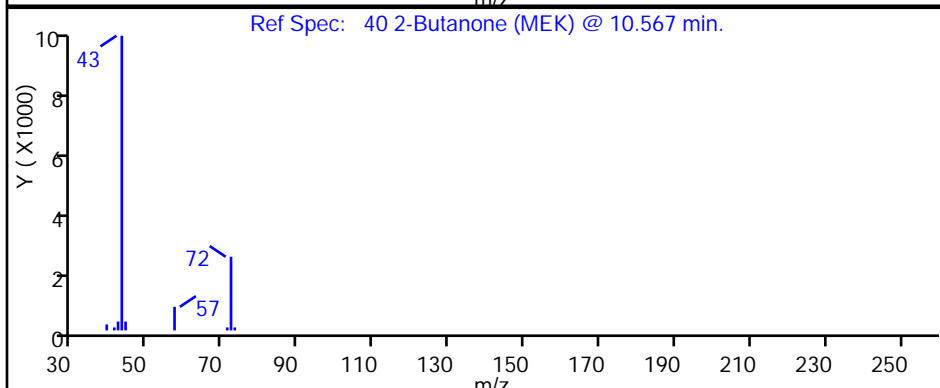
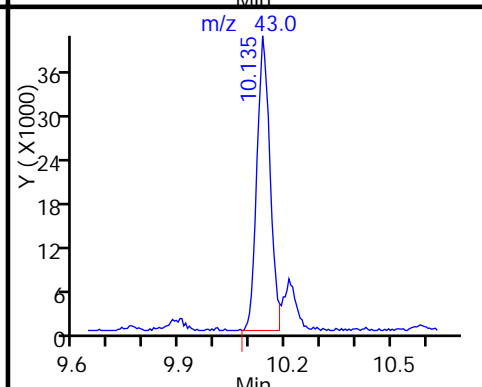
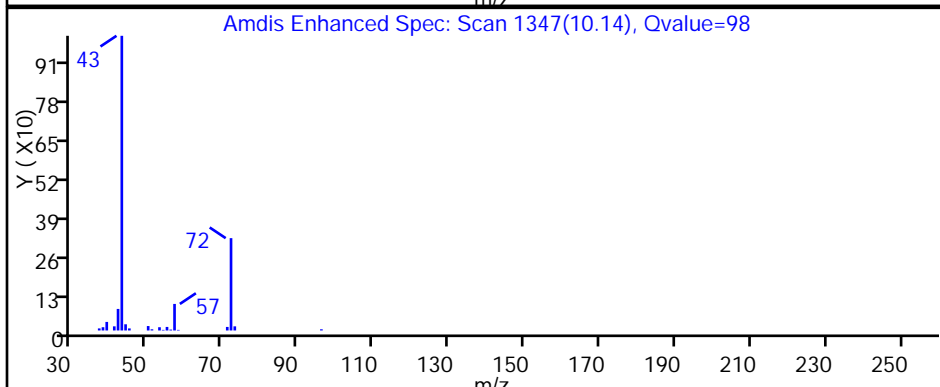
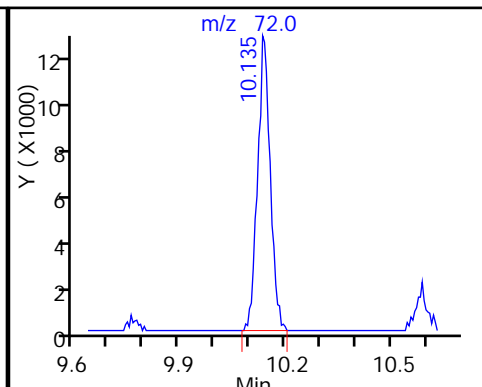
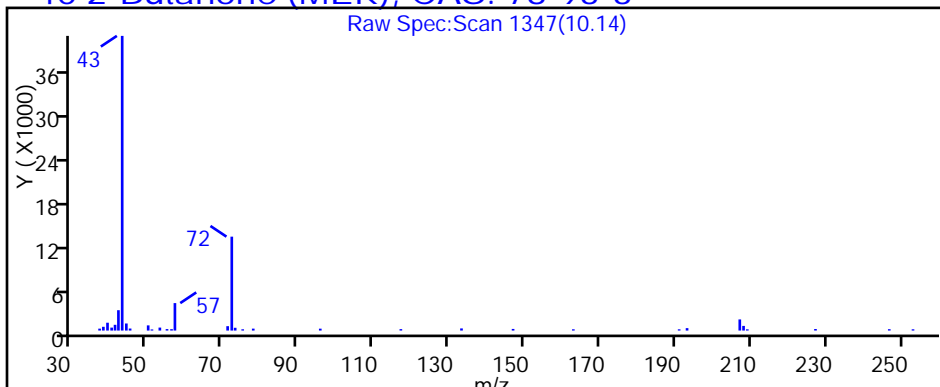
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

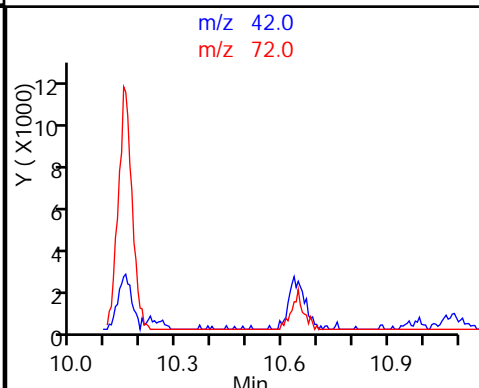
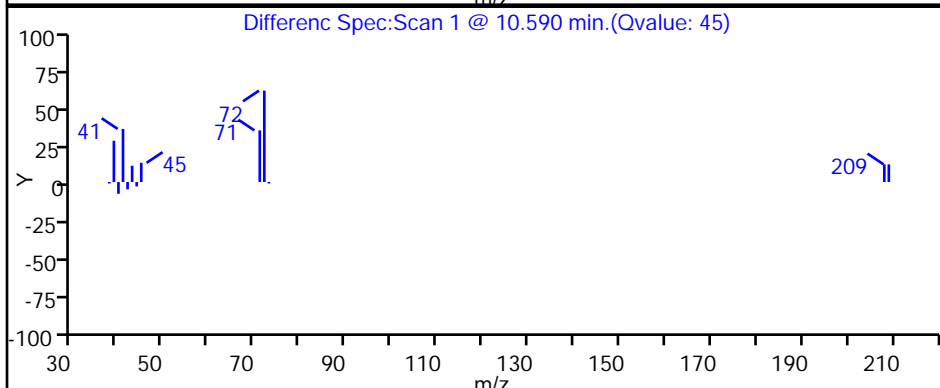
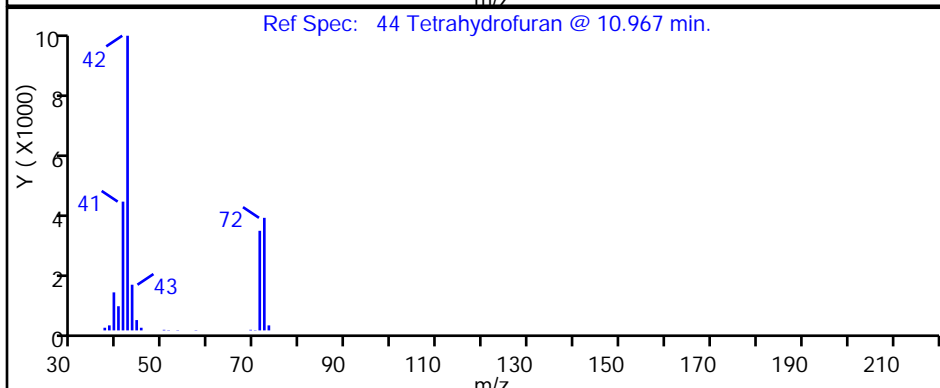
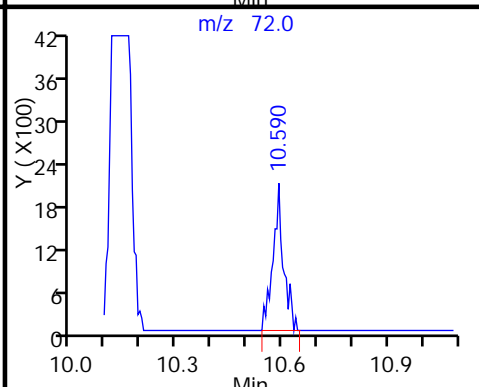
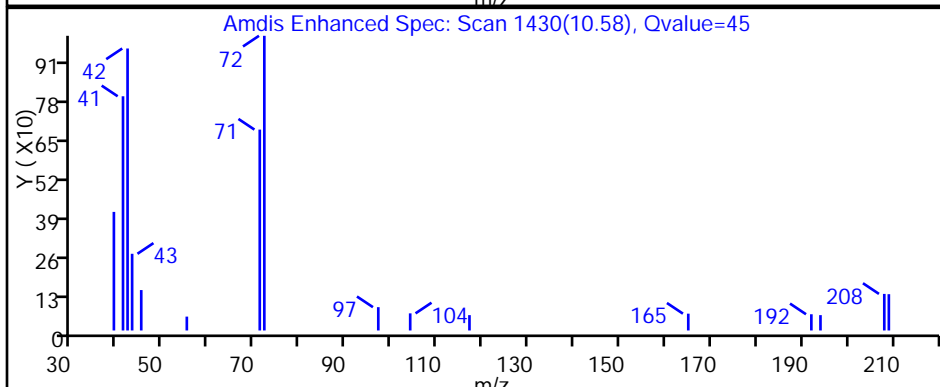
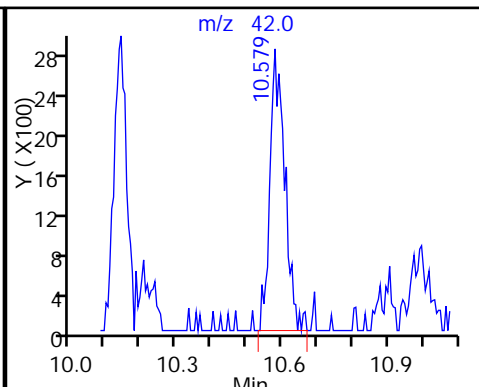
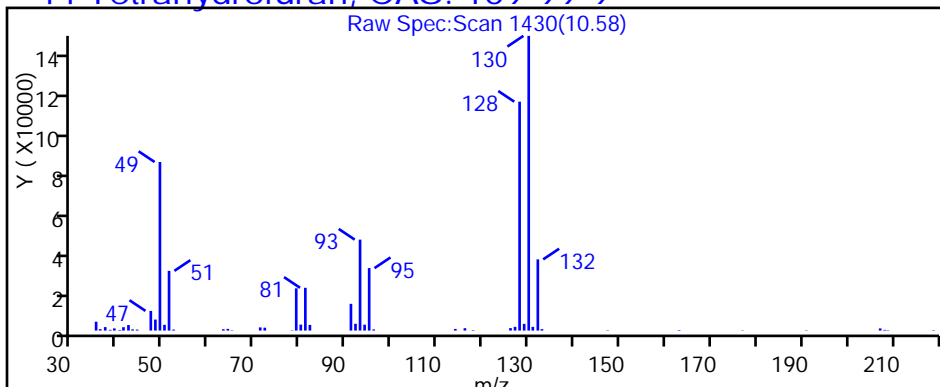
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

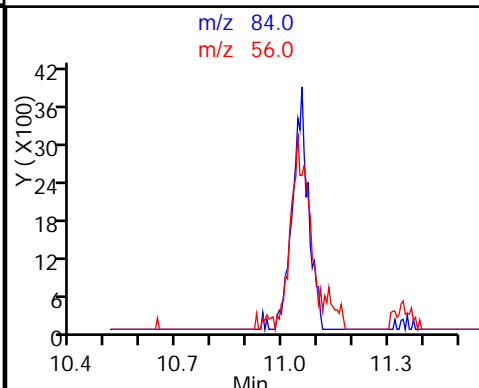
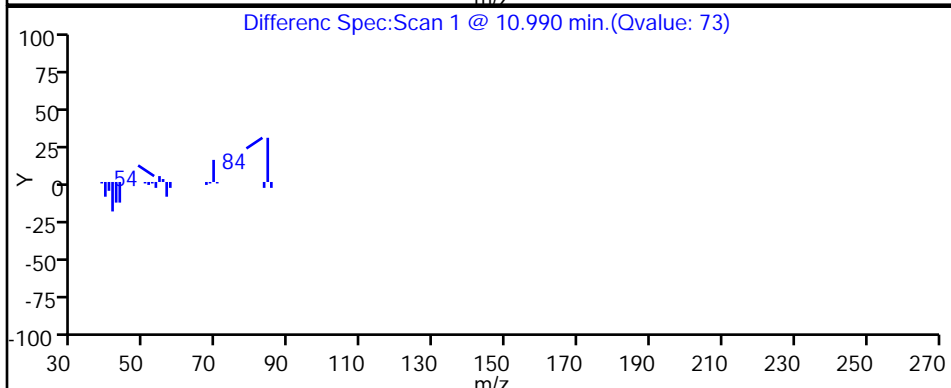
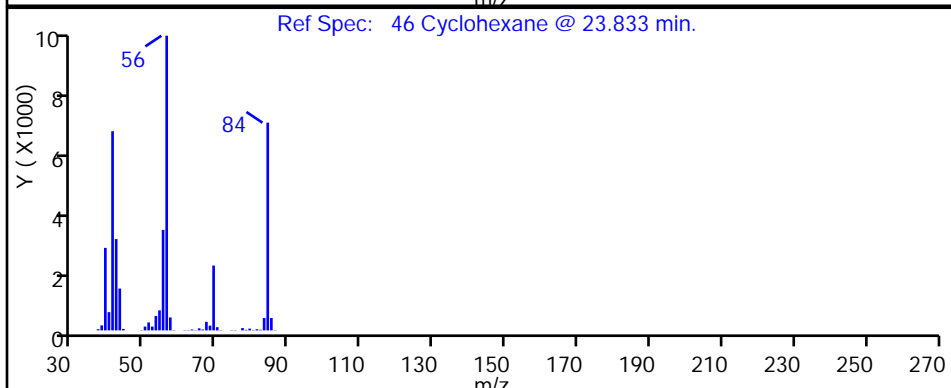
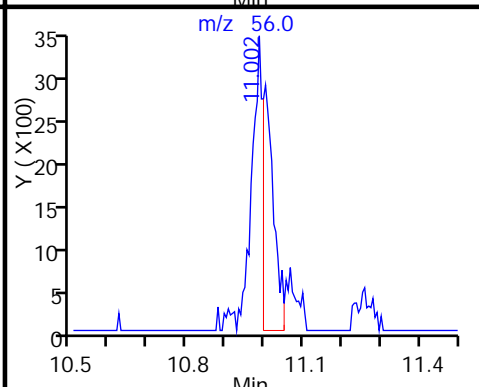
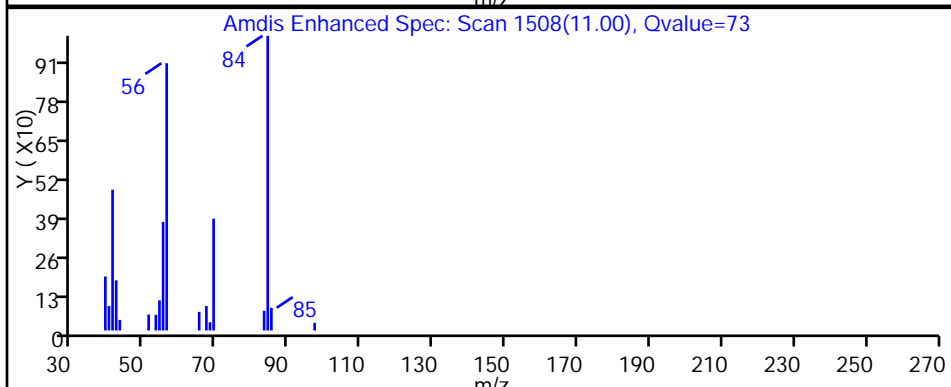
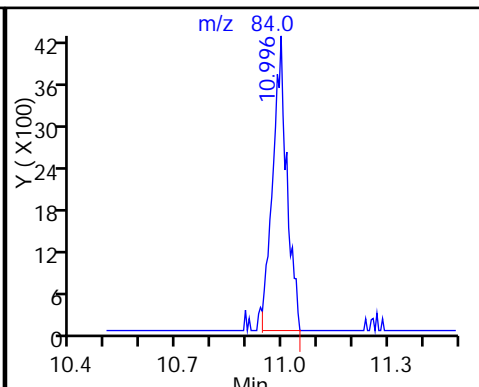
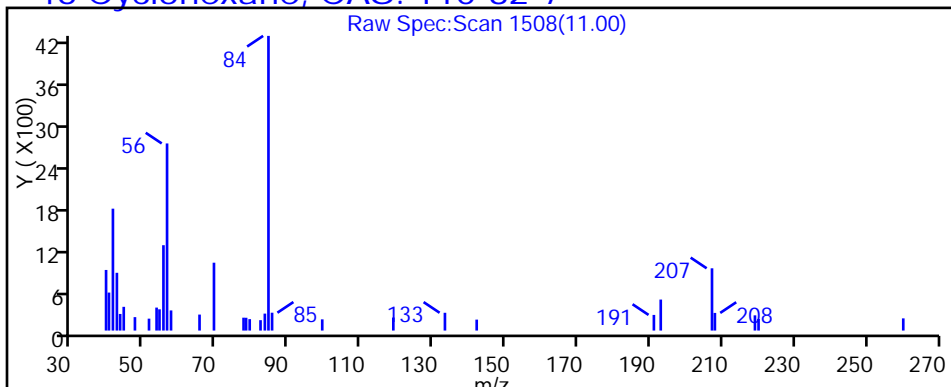
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

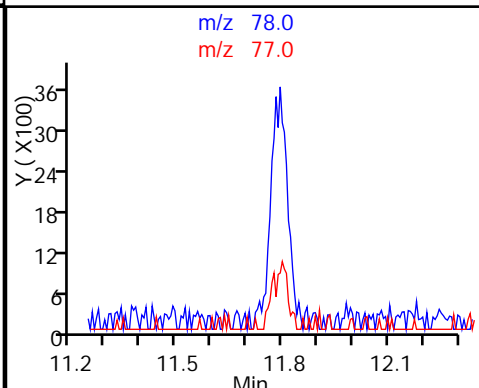
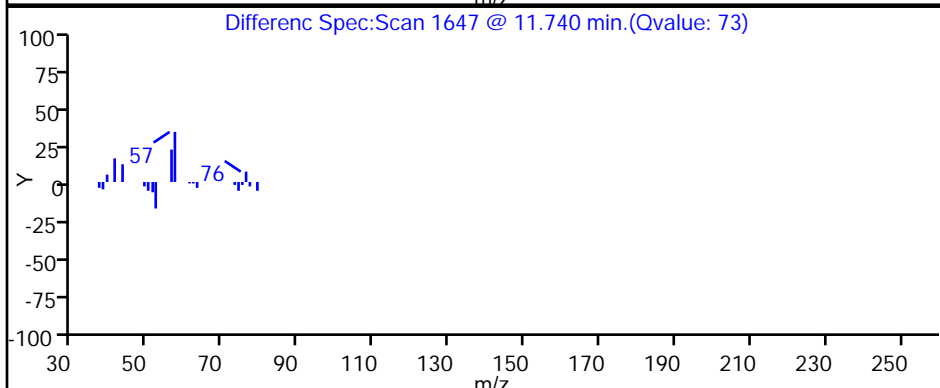
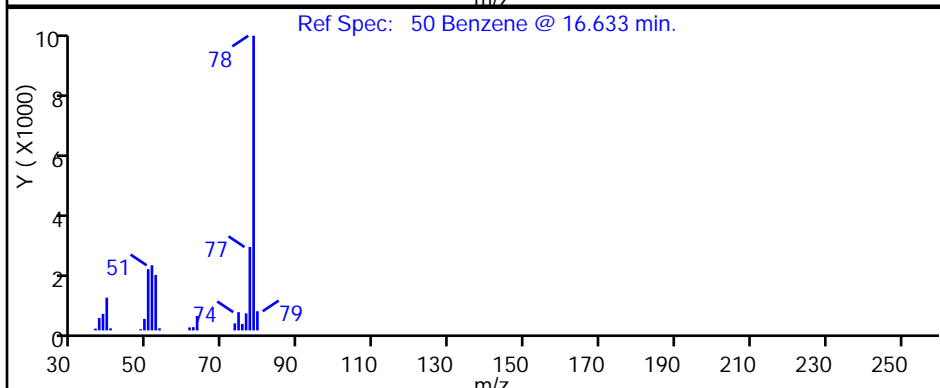
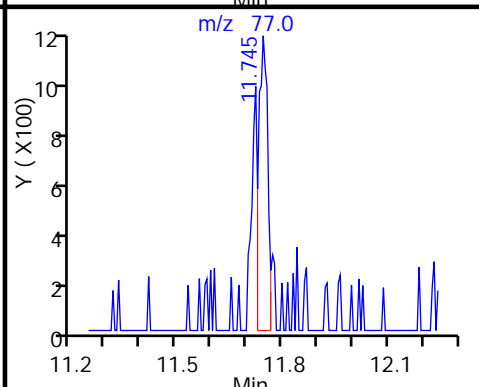
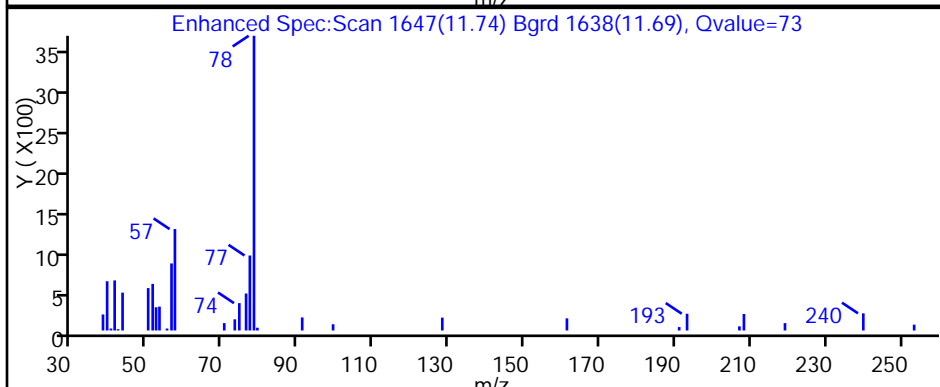
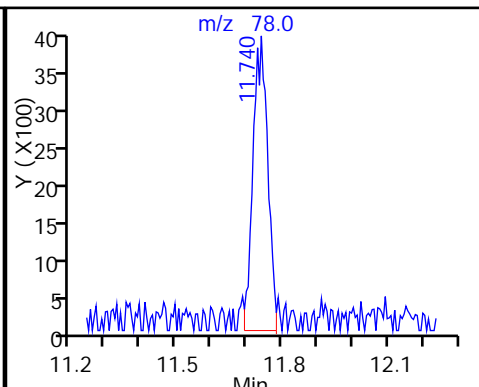
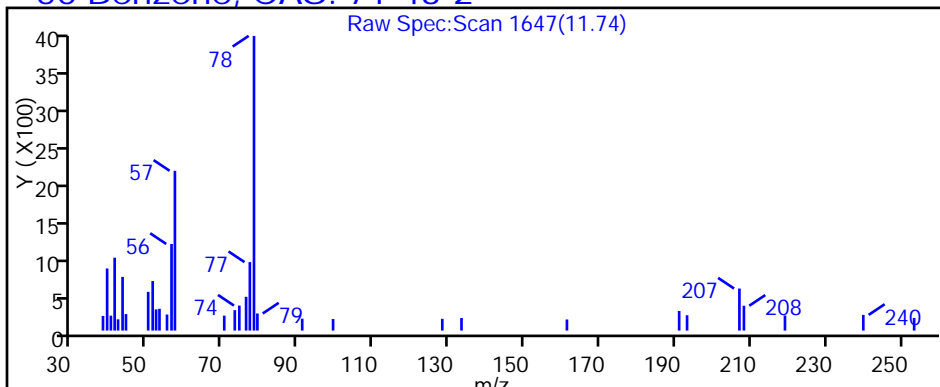
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

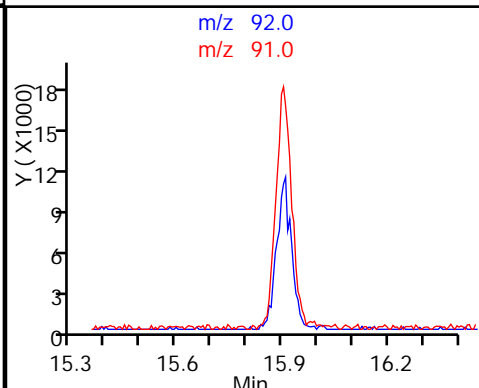
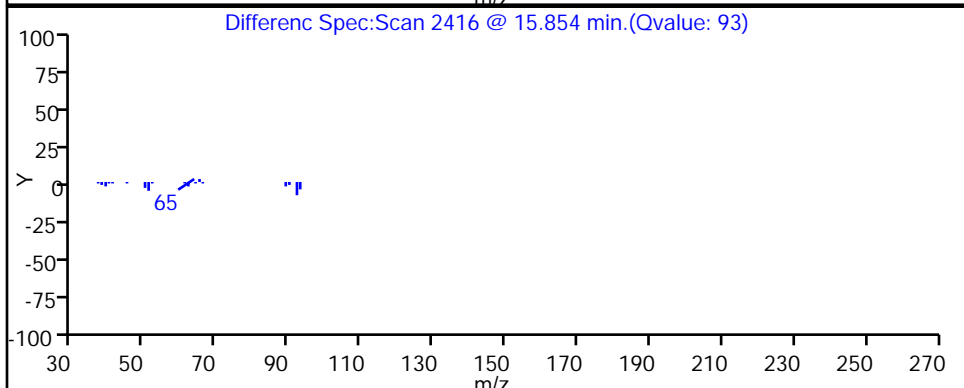
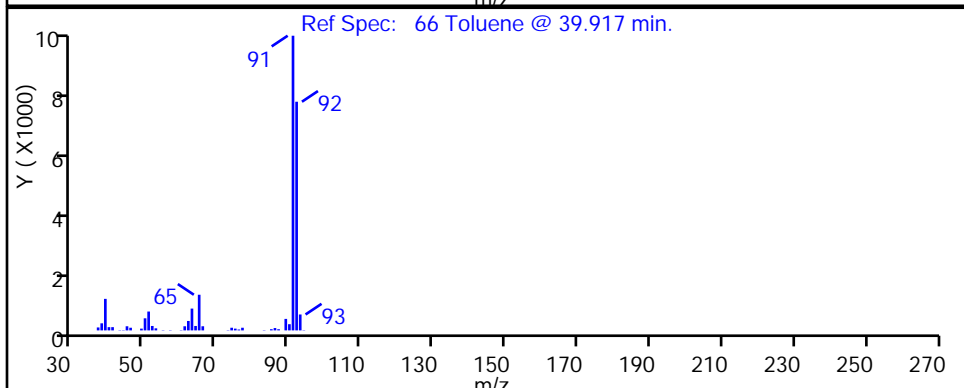
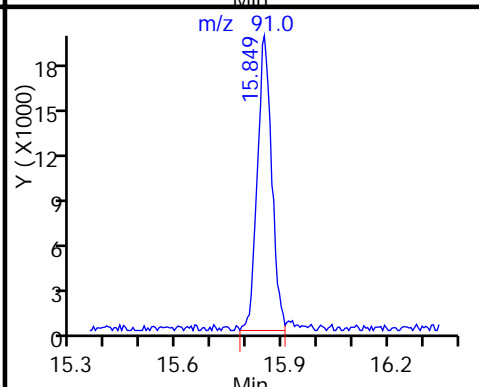
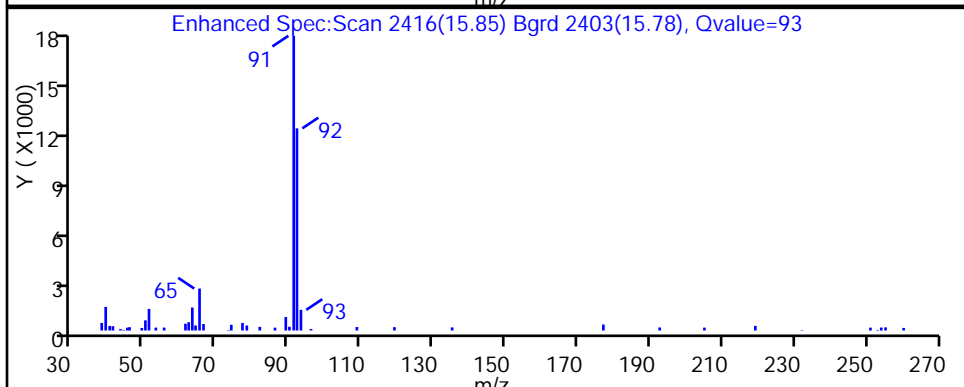
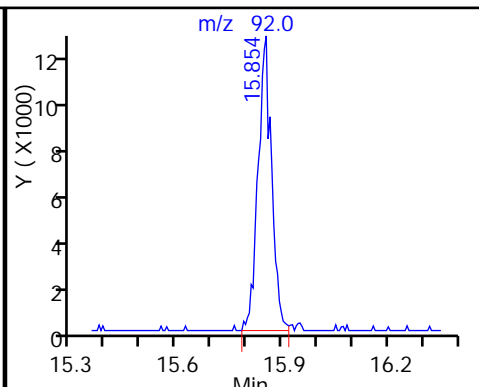
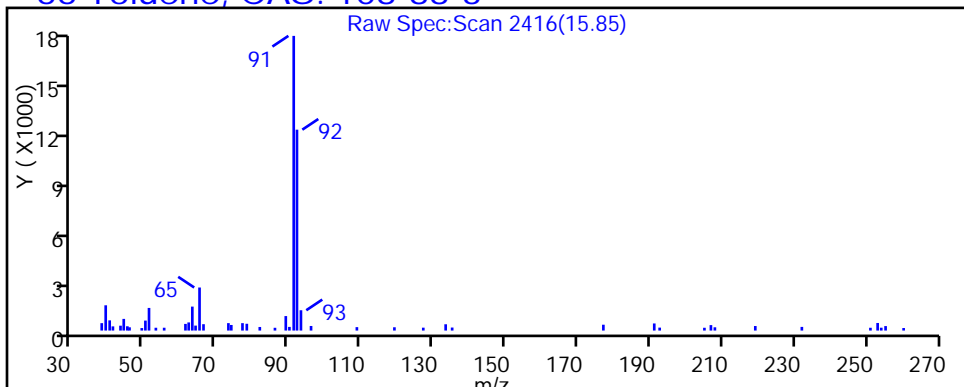
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_024.D

Injection Date: 22-Feb-2014 05:25:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-14

Lab Sample ID: 200-20955-14

Client ID: SS-VMP-5B

Operator ID: bl

ALS Bottle#: 21

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 6.9000

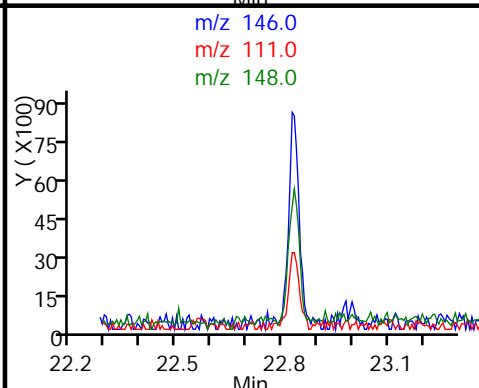
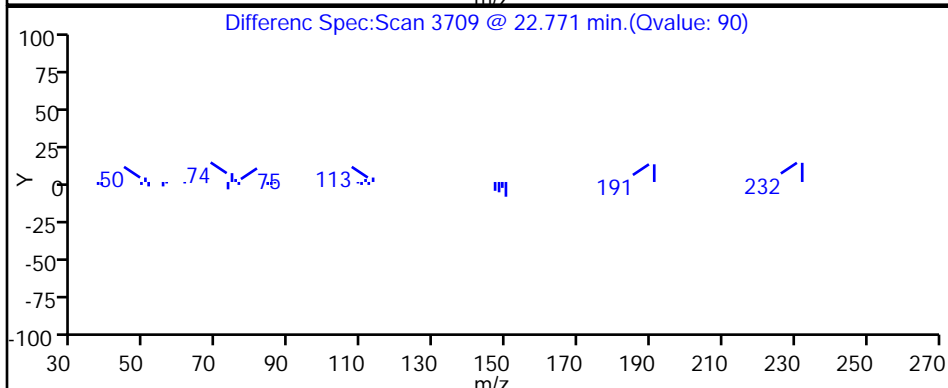
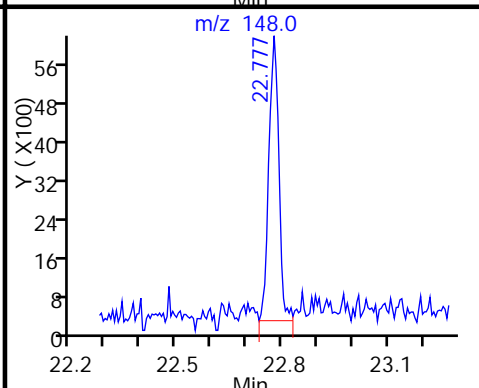
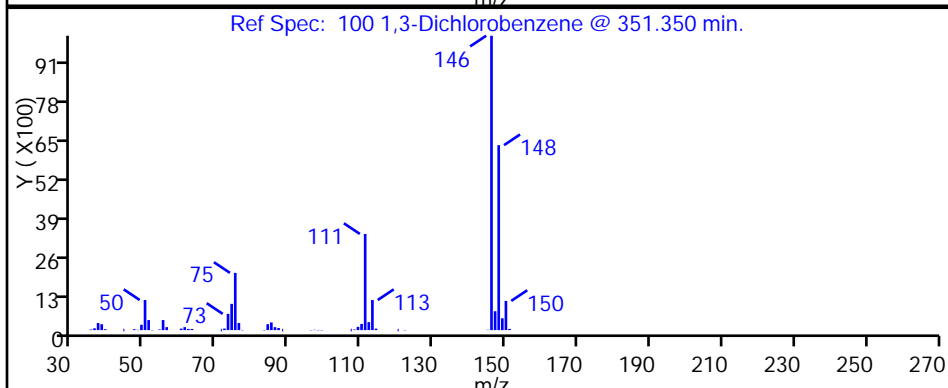
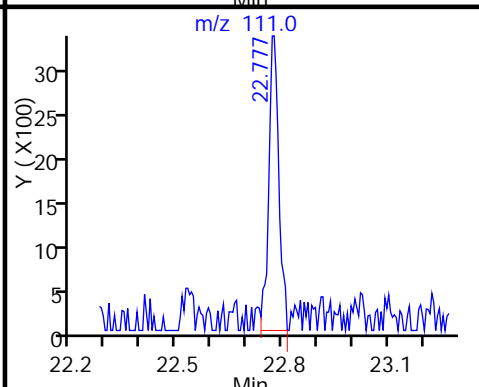
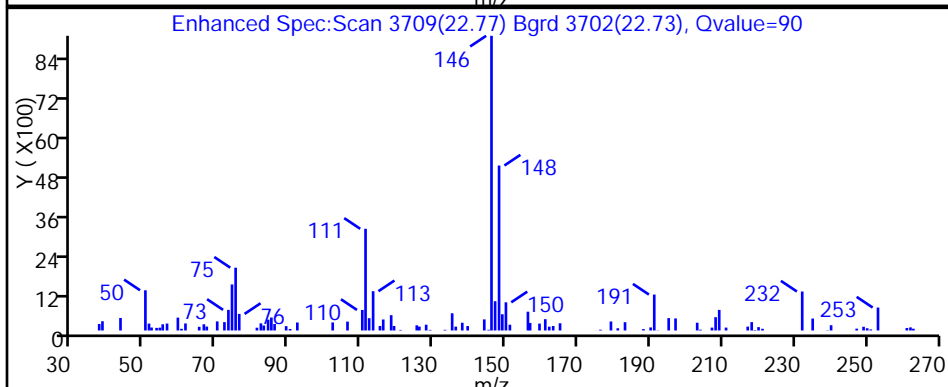
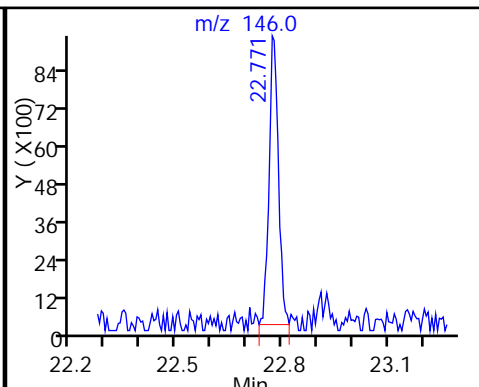
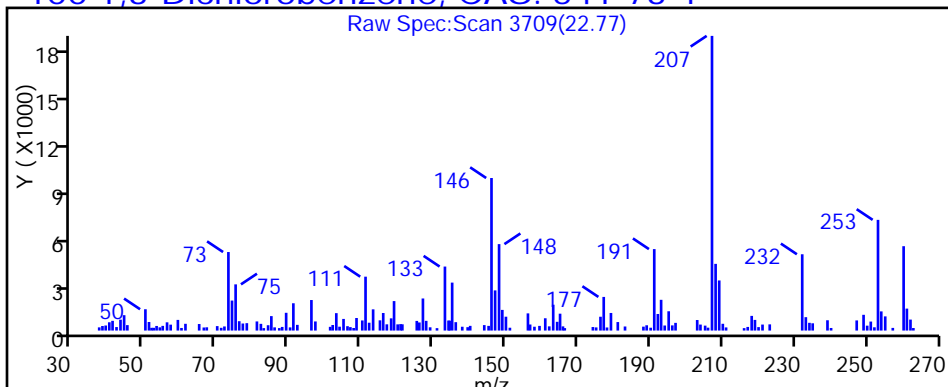
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6A Lab Sample ID: 200-20955-16
 Matrix: Air Lab File ID: 6267_026.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 06:58
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	1.9	J	5.0	0.30
75-45-6	Freon 22	86.47	0.96	J	5.0	0.48
76-14-2	Freon-114	170.92	2.0	U	2.0	0.35
74-87-3	Chloromethane	50.49	5.0	U	5.0	1.4
106-97-8	n-Butane	58.12	5.0	U	5.0	2.8
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.38
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.42
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.28
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.30
593-60-2	Vinyl bromide	106.96	2.0	U	2.0	0.30
75-69-4	Freon 11	137.37	4.0		2.0	0.30
76-13-1	Freon 113	187.38	2.0		2.0	0.18
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.24
67-64-1	Acetone	58.08	50	U	50	13
67-63-0	Isopropyl alcohol	60.10	800	E	50	2.2
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.66
107-05-1	Allyl chloride	76.53	5.0	U	5.0	0.34
75-09-2	Methylene Chloride	84.93	180		5.0	1.3
75-65-0	tert-Butyl alcohol	74.12	50	U	50	3.3
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.29
110-54-3	Hexane	86.17	2.0	U	2.0	0.34
75-34-3	1,1-Dichloroethane	98.96	6.7		2.0	0.38
78-93-3	Methyl Ethyl Ketone	72.11	18		5.0	2.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.38
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.64
67-66-3	Chloroform	119.38	4.4		2.0	0.25
109-99-9	Tetrahydrofuran	72.11	14	J	50	0.46
71-55-6	1,1,1-Trichloroethane	133.41	3.4		2.0	0.21
110-82-7	Cyclohexane	84.16	2.6		2.0	0.25
56-23-5	Carbon tetrachloride	153.81	0.40	U	0.40	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.27
71-43-2	Benzene	78.11	0.39	J	2.0	0.19
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.17
142-82-5	Heptane	100.21	2.0	U	2.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6A Lab Sample ID: 200-20955-16
 Matrix: Air Lab File ID: 6267_026.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 06:58
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.1		0.40	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.30
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.32
123-91-1	1,4-Dioxane	88.11	50	U	50	2.0
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.17
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.28
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.27
108-88-3	Toluene	92.14	1.8	J	2.0	0.17
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.17
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.16
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	2.0
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.20
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.20
108-90-7	Chlorobenzene	112.56	2.0	U	2.0	0.081
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.13
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.23
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
1330-20-7	Xylene (total)	106.17	2.0	U	2.0	0.34
100-42-5	Styrene	104.15	2.0	U	2.0	0.18
75-25-2	Bromoform	252.75	2.0	U	2.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.16
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.80
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.12
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.17
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.14
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.80
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.80
541-73-1	1,3-Dichlorobenzene	147.00	0.63	J	2.0	0.14
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.14
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.80
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.80

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6A Lab Sample ID: 200-20955-16
 Matrix: Air Lab File ID: 6267_026.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 06:58
 Soil Aliquot Vol.: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.0	U	2.0	0.14
120-82-1	1,2,4-Trichlorobenzene	181.45	5.0	U	5.0	0.27
87-68-3	Hexachloro-1,3-butadiene	260.76	2.0	U	2.0	0.22
91-20-3	Naphthalene	128.17	5.0	U	5.0	2.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6A Lab Sample ID: 200-20955-16
 Matrix: Air Lab File ID: 6267_026.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 06:58
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	9.2	J	25	1.5
75-45-6	Freon 22	86.47	3.4	J	18	1.7
76-14-2	Freon-114	170.92	14	U	14	2.4
74-87-3	Chloromethane	50.49	10	U	10	2.8
106-97-8	n-Butane	58.12	12	U	12	6.7
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.97
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.93
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.1
75-00-3	Chloroethane	64.52	13	U	13	0.79
593-60-2	Vinyl bromide	106.96	8.7	U	8.7	1.3
75-69-4	Freon 11	137.37	23		11	1.7
76-13-1	Freon 113	187.38	15		15	1.4
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	0.95
67-64-1	Acetone	58.08	120	U	120	30
67-63-0	Isopropyl alcohol	60.10	2000	E	120	5.3
75-15-0	Carbon disulfide	76.14	16	U	16	2.1
107-05-1	Allyl chloride	76.53	16	U	16	1.1
75-09-2	Methylene Chloride	84.93	620		17	4.3
75-65-0	tert-Butyl alcohol	74.12	150	U	150	9.9
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.79
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	1.1
110-54-3	Hexane	86.17	7.0	U	7.0	1.2
75-34-3	1,1-Dichloroethane	98.96	27		8.1	1.5
78-93-3	Methyl Ethyl Ketone	72.11	52		15	7.1
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.5
67-66-3	Chloroform	119.38	21		9.8	1.2
109-99-9	Tetrahydrofuran	72.11	41	J	150	1.4
71-55-6	1,1,1-Trichloroethane	133.41	19		11	1.1
110-82-7	Cyclohexane	84.16	8.8		6.9	0.86
56-23-5	Carbon tetrachloride	153.81	2.5	U	2.5	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	1.3
71-43-2	Benzene	78.11	1.2	J	6.4	0.61
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.69
142-82-5	Heptane	100.21	8.2	U	8.2	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6A Lab Sample ID: 200-20955-16
 Matrix: Air Lab File ID: 6267_026.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 06:58
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	11		2.1	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	1.2
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.5
123-91-1	1,4-Dioxane	88.11	180	U	180	7.2
75-27-4	Bromodichloromethane	163.83	13	U	13	1.1
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	1.3
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.1
108-88-3	Toluene	92.14	6.8	J	7.5	0.64
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	1.0
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.93
127-18-4	Tetrachloroethene	165.83	14	U	14	1.1
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.2
124-48-1	Dibromochloromethane	208.29	17	U	17	1.7
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.5
108-90-7	Chlorobenzene	112.56	9.2	U	9.2	0.37
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.56
179601-23-1	m,p-Xylene	106.17	22	U	22	1.0
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
1330-20-7	Xylene (total)	106.17	8.7	U	8.7	1.5
100-42-5	Styrene	104.15	8.5	U	8.5	0.77
75-25-2	Bromoform	252.75	21	U	21	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	1.1
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	3.9
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.88
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.59
95-49-8	2-Chlorotoluene	126.59	10	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	11	U	11	0.93
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	0.69
135-98-8	sec-Butylbenzene	134.22	11	U	11	4.4
99-87-6	4-Isopropyltoluene	134.22	11	U	11	4.4
541-73-1	1,3-Dichlorobenzene	147.00	3.8	J	12	0.84
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	0.84
100-44-7	Benzyl chloride	126.58	10	U	10	4.1
104-51-8	n-Butylbenzene	134.22	11	U	11	4.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6A Lab Sample ID: 200-20955-16
 Matrix: Air Lab File ID: 6267_026.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:32
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 06:58
 Soil Aliquot Vol.: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	12	U	12	0.84
120-82-1	1,2,4-Trichlorobenzene	181.45	37	U	37	2.0
87-68-3	Hexachloro-1,3-butadiene	260.76	21	U	21	2.3
91-20-3	Naphthalene	128.17	26	U	26	10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D
 Lims ID: 200-20955-A-16 Lab Sample ID: 200-20955-16
 Client ID: SS-VMP-6A
 Sample Type: Client
 Inject. Date: 22-Feb-2014 06:58:30 ALS Bottle#: 23 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 10.0000
 Sample Info: 200-0006267-026
 Misc. Info.: 20955-16
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 10:49:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	38673	0.1859	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	80	7499	0.0958	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62		3.796					
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101	5.347	5.347	0.0	95	95394	0.4015	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.481	6.476	0.005	94	30033	0.2014	
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	3746463	79.7	E
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	80	842665	18.0	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63	8.942	8.947	-0.005	97	65429	0.6705	
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.135	10.135	0.0	98	50679	1.75	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	663053	10.0	
44 Tetrahydrofuran	42	10.574	10.579	-0.005	81	62390	1.38	
45 Chloroform	83	10.697	10.702	-0.005	98	82890	0.4373	
46 Cyclohexane	84	10.986	10.991	-0.005	45	24359	0.2566	M
47 1,1,1-Trichloroethane	97	11.007	11.002	0.005	92	76617	0.3412	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	11.269		
	50			78	11.740	11.740 0.0	74 9928 0.0391
	51			57	11.761		
	52			62	11.911		
	53			43	12.168		
*	54			114	12.623	12.623 0.0	91 3803422 10.0
	56			95	13.110	13.110 0.0	93 37581 0.2088
	58			63	13.682		
	59			69	13.880		
	60			88	13.917		
	62			83	14.249		
	64			75	15.228		
	65			43	15.528		
	66			92	15.849	15.849 0.0	93 46836 0.1814
	70			75	16.437		
	71			83	16.812		
	72			166	16.961		
	73			43	17.282		
	74			129	17.587		
	75			107	17.860		
*	76			117	18.786	18.786 0.0	81 3525160 10.0
	77			112	18.844		
	78			91	19.016		
	80			106	19.272		
S	82			106	20.100		
	83			106	20.102		
	84			104	20.144		
	85			173	20.530		
\$	87			95	21.108	21.107 0.001	99 1640847 NC
	88			83	21.364		
	90			91	21.471		
	92			91	21.653		
	91			105	21.653		
	94			105	21.760		
	96			119	22.242		
	97			105	22.332		
	98			105	22.562		
	99			119	22.760		
	100			146	22.777	22.776 0.001	87 19966 0.0635
	101			146	22.910		
	102			91	23.103		
	103			91	23.338		
	105			146	23.451		
	107			180	26.013		
	108			225	26.227		
	109			128	26.505		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Worklist Smp#: 26

Client ID: SS-VMP-6A

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

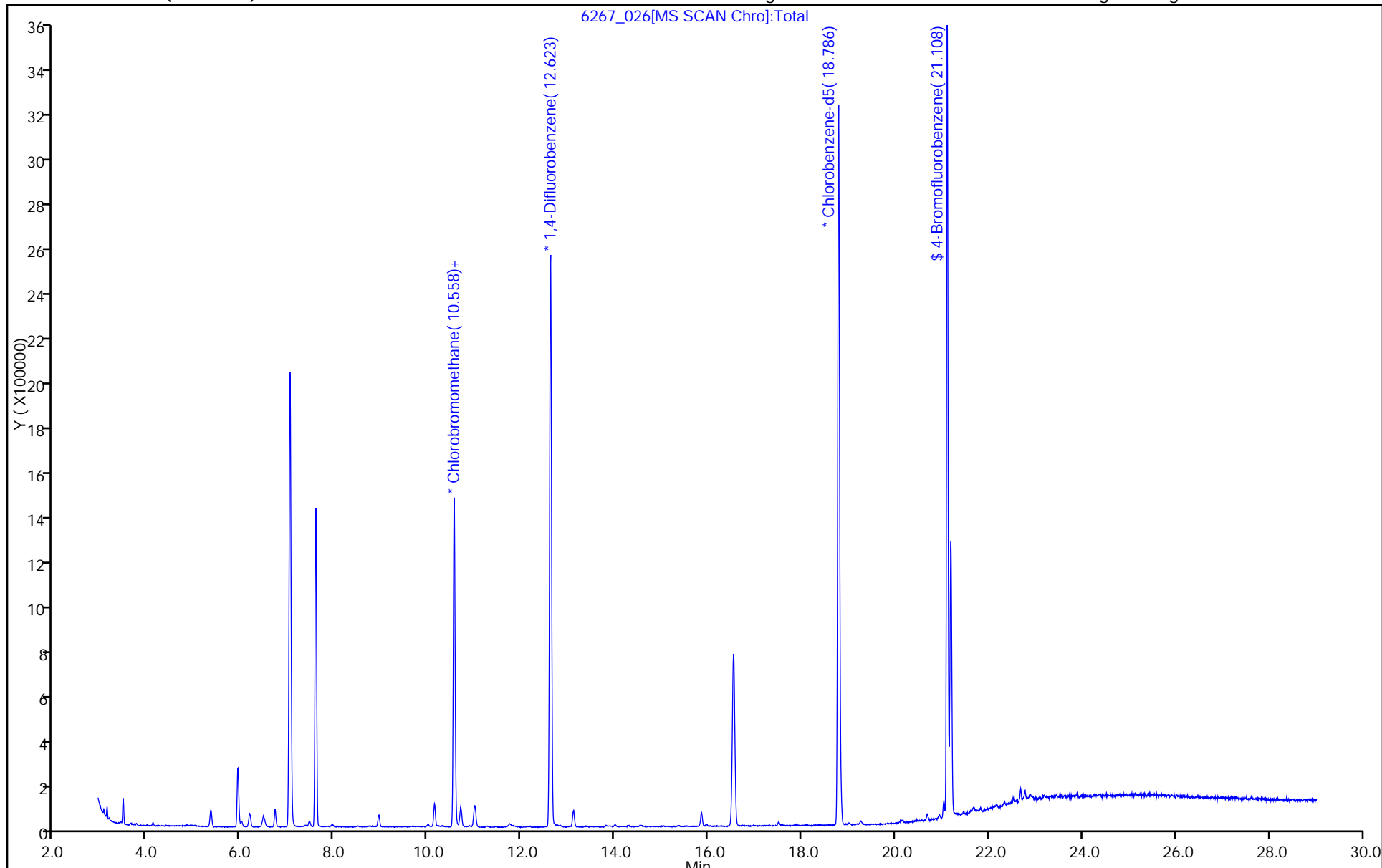
ALS Bottle#: 23

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

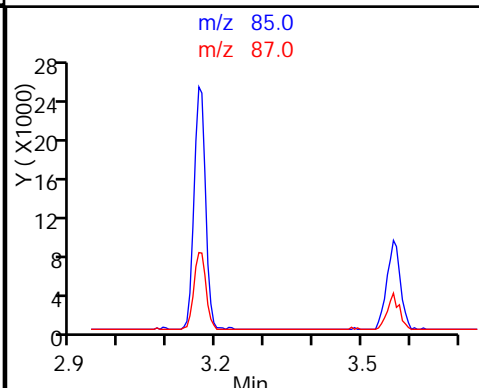
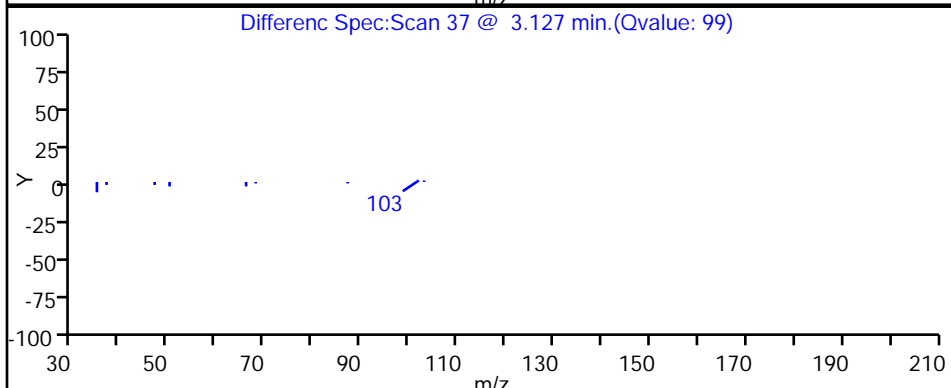
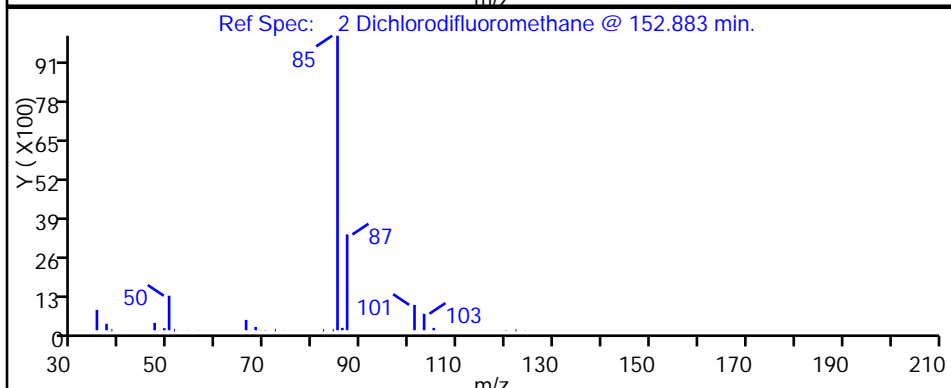
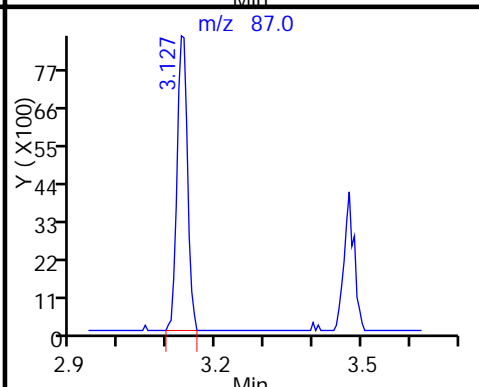
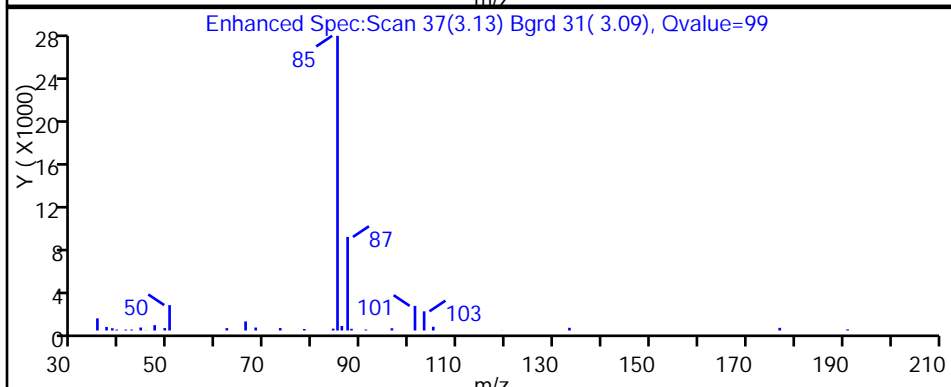
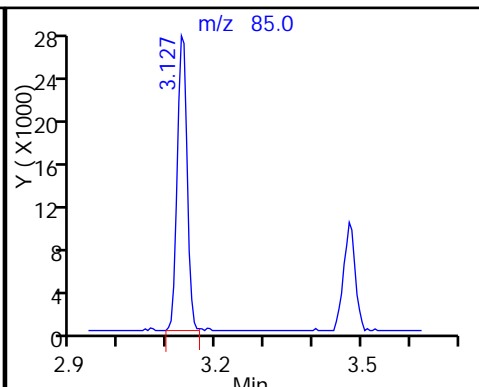
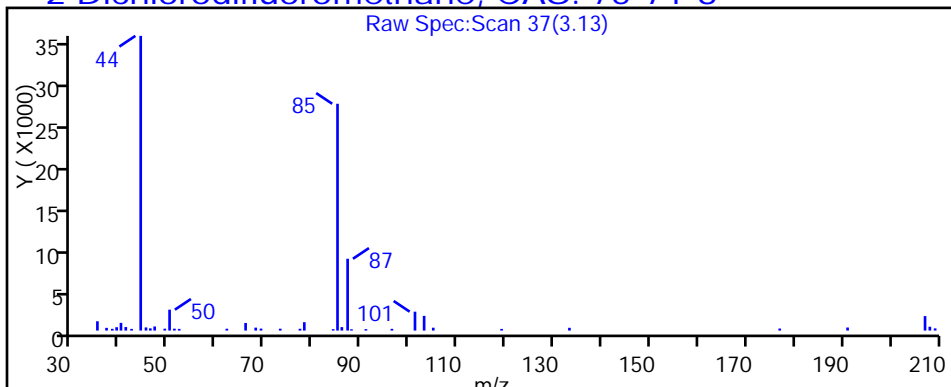
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

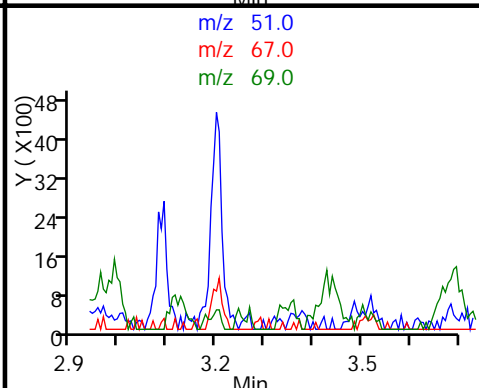
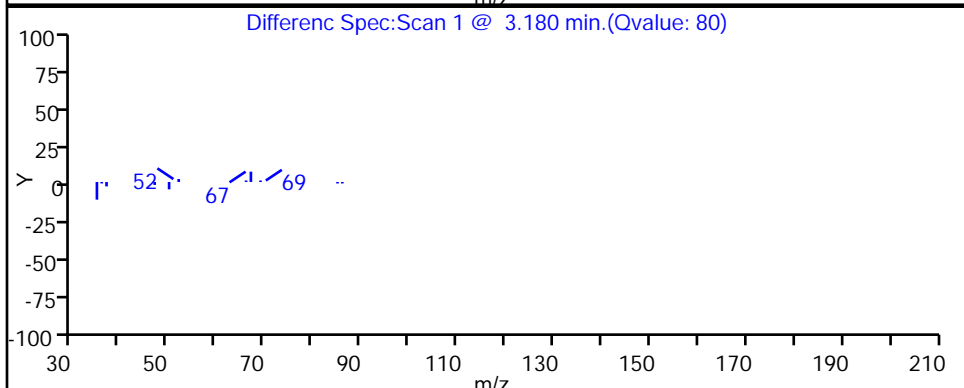
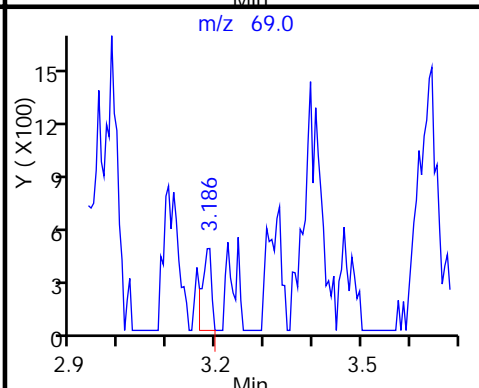
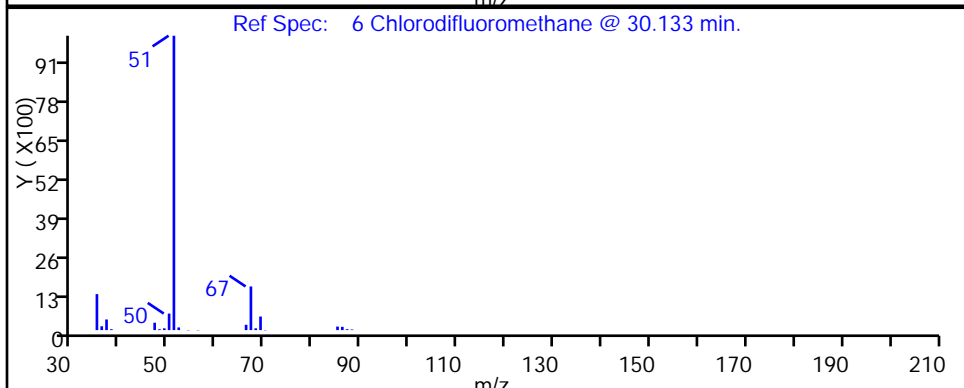
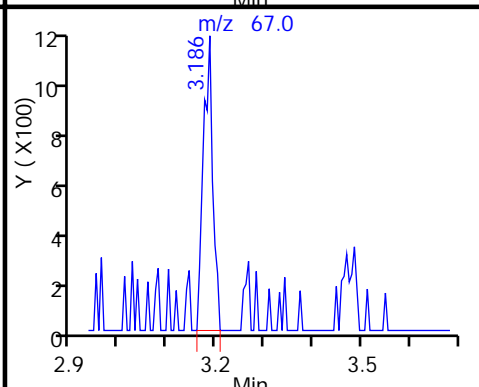
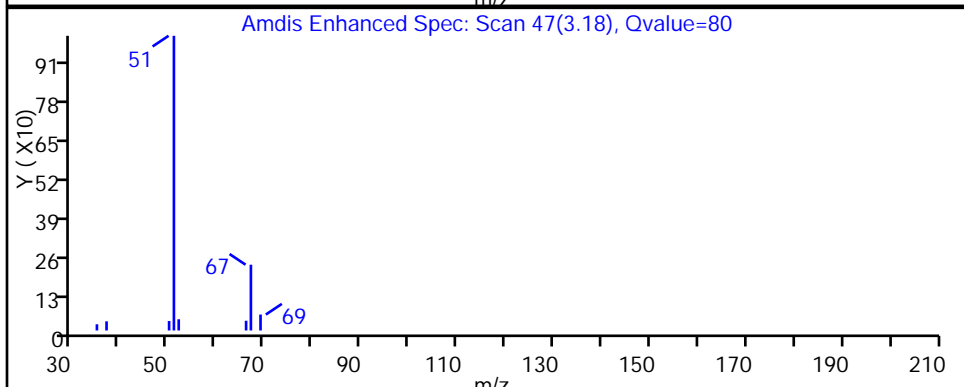
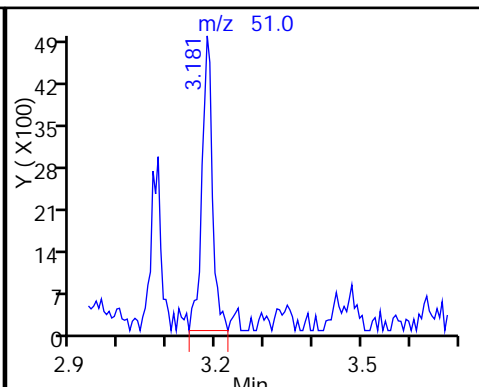
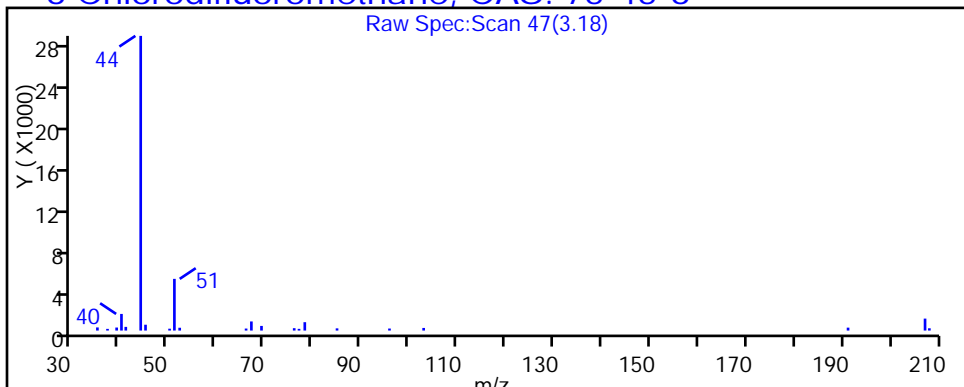
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

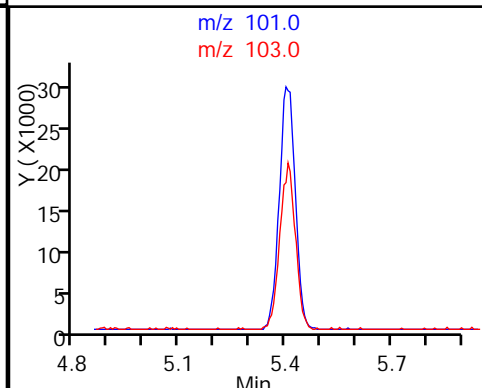
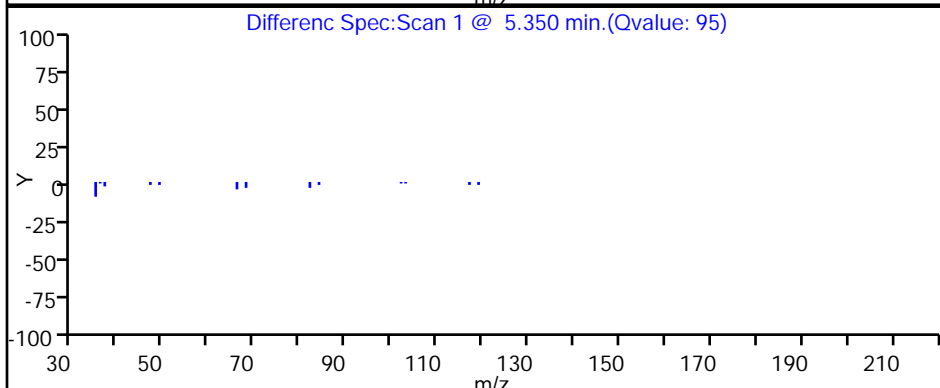
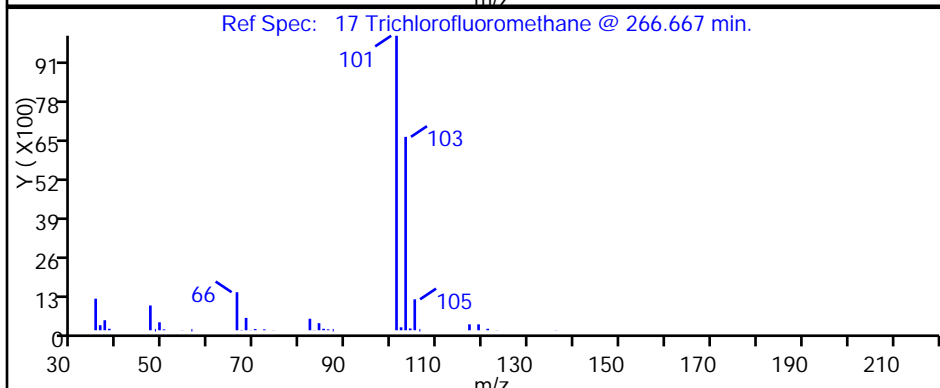
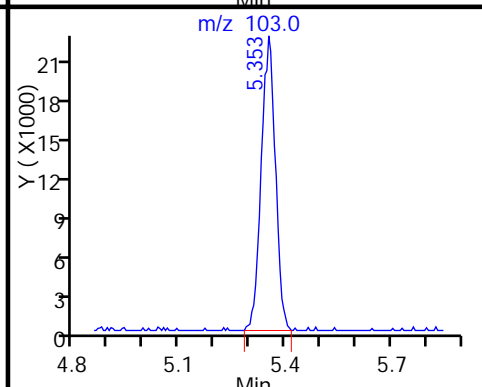
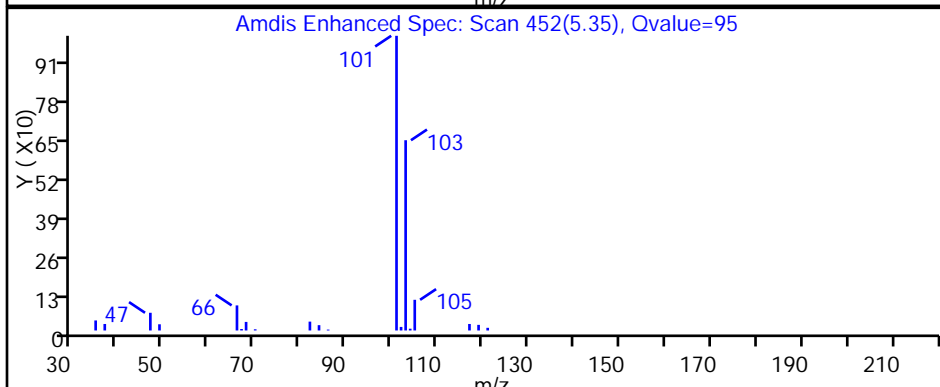
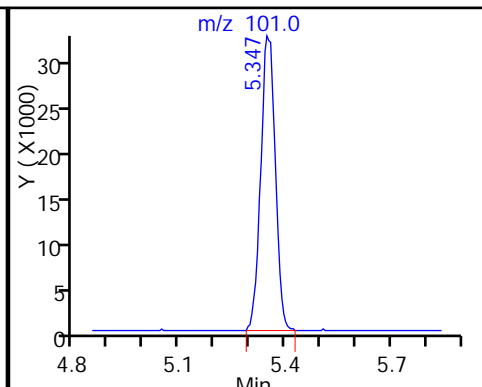
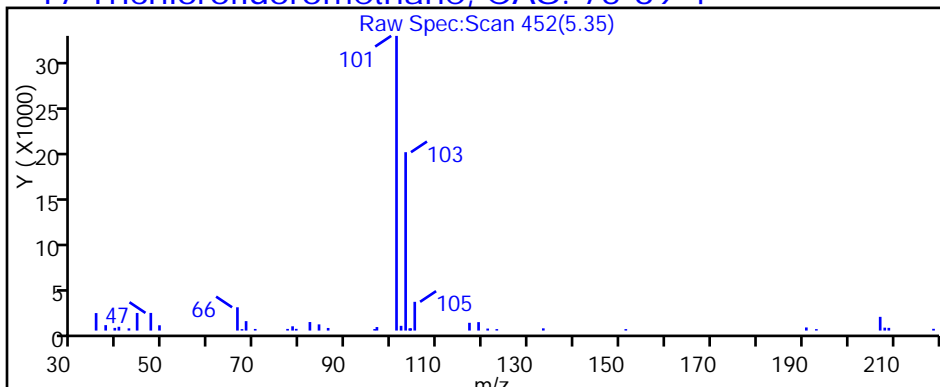
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

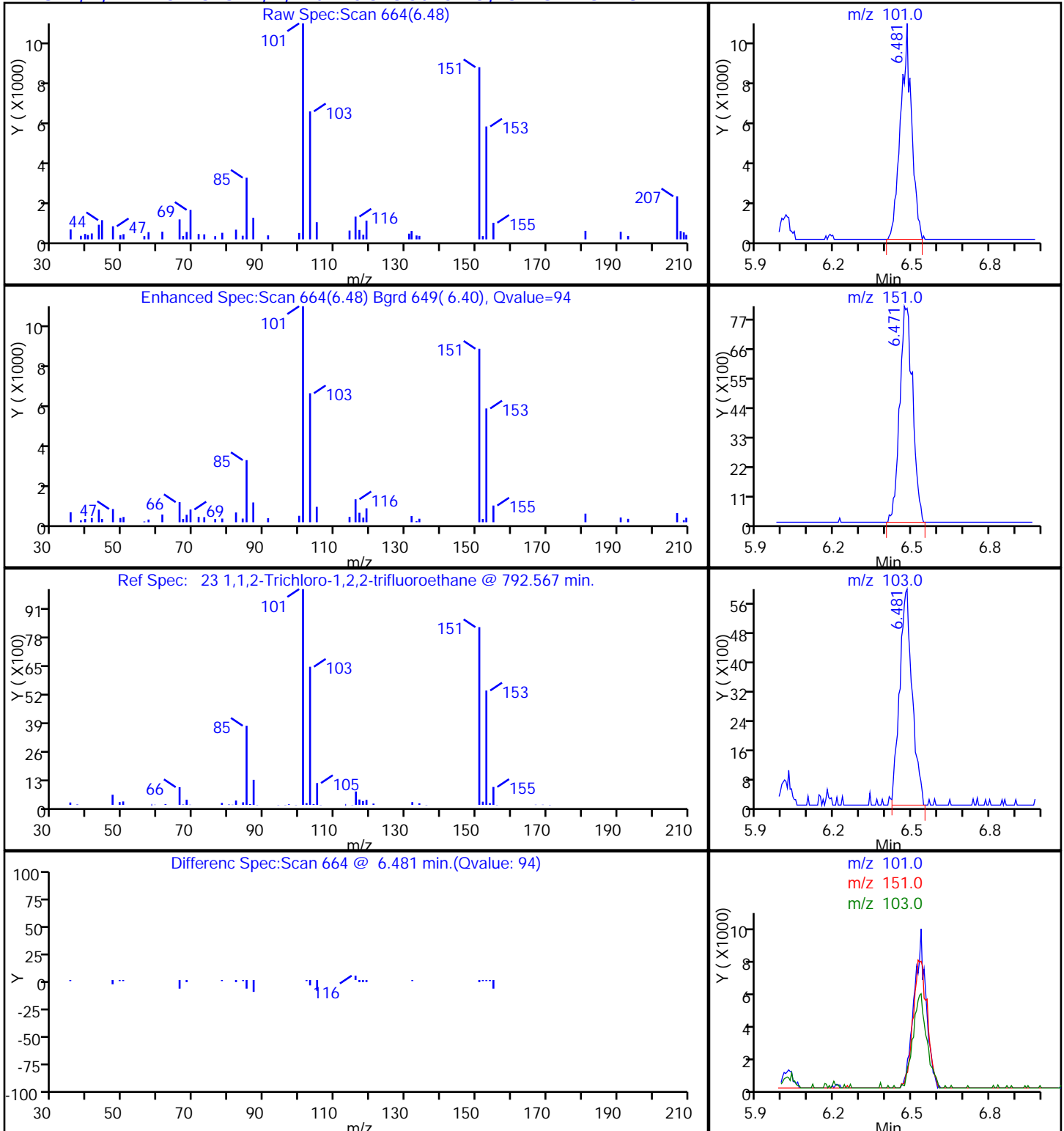
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

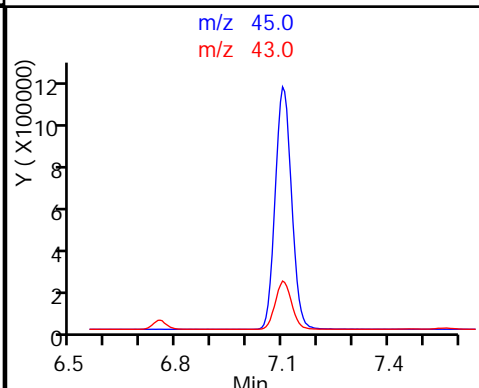
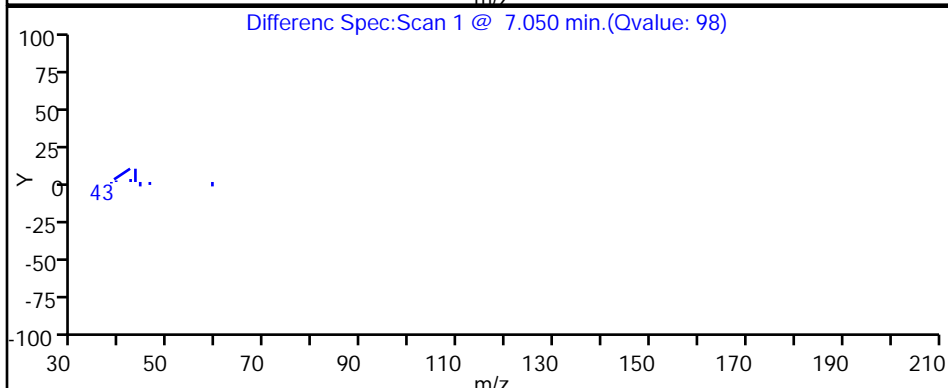
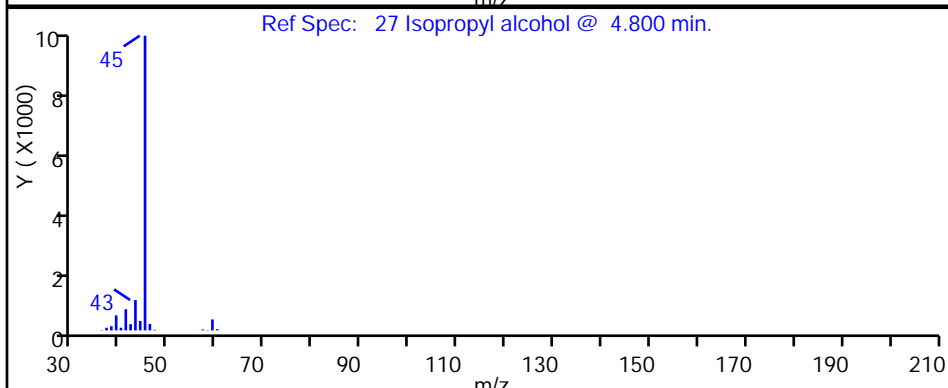
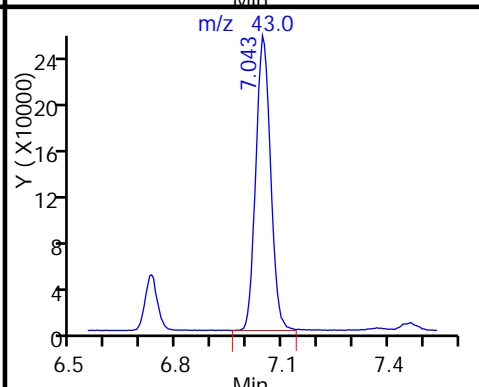
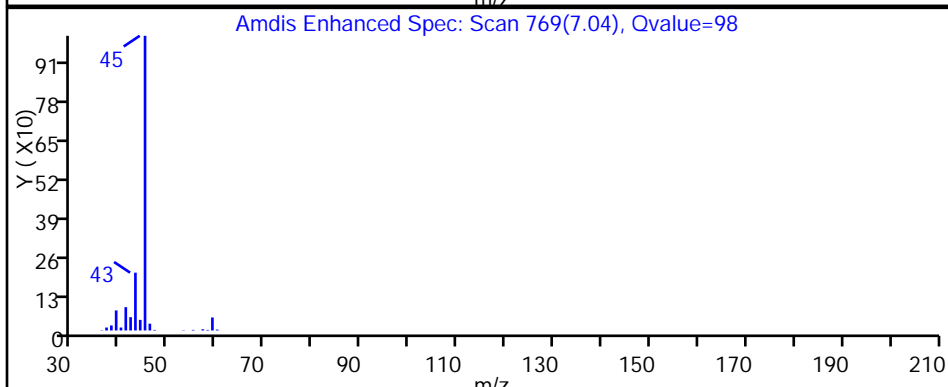
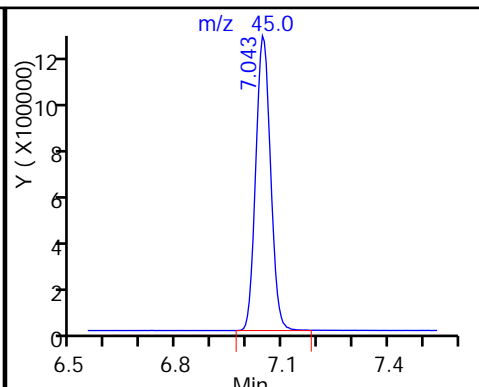
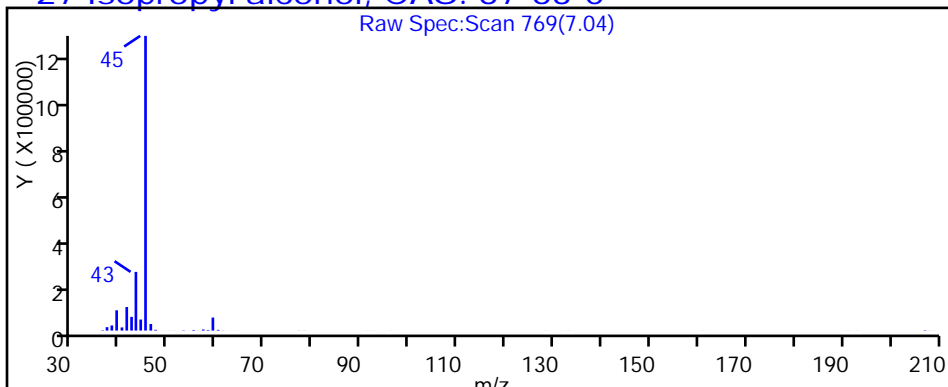
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

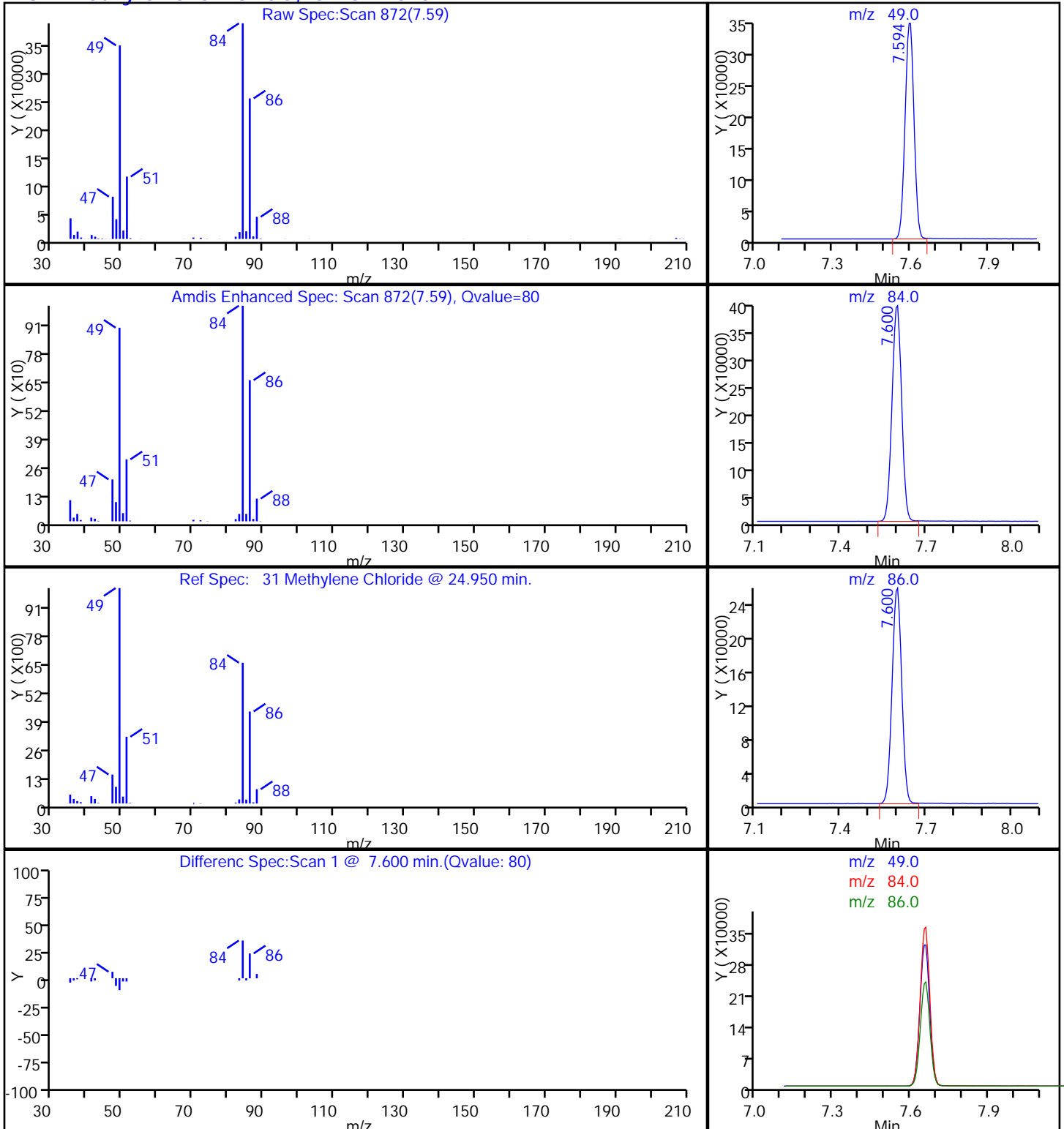
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

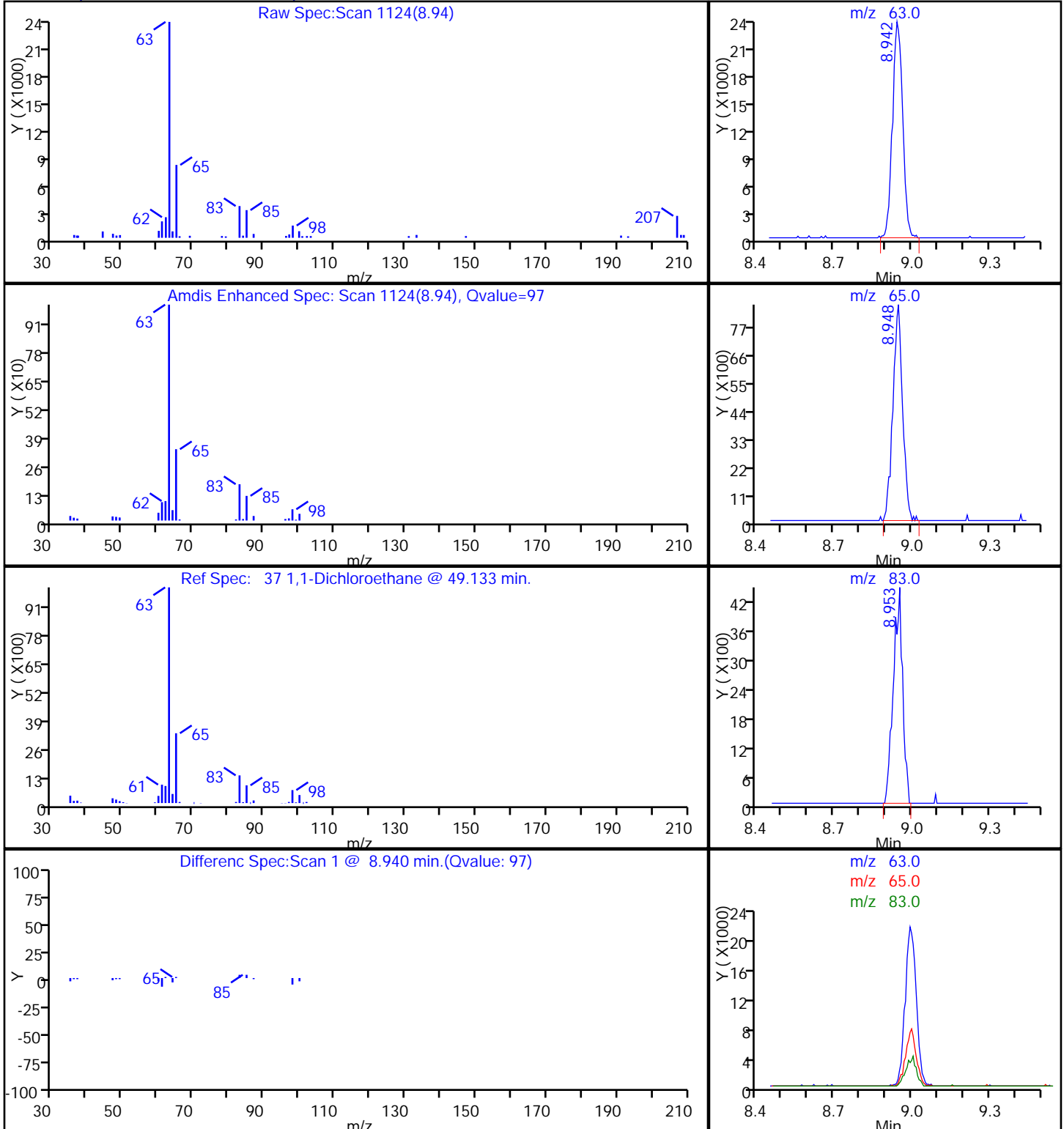
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

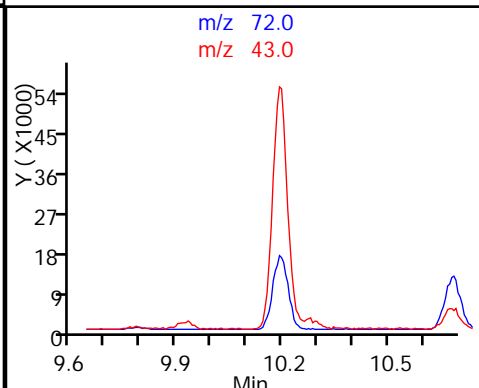
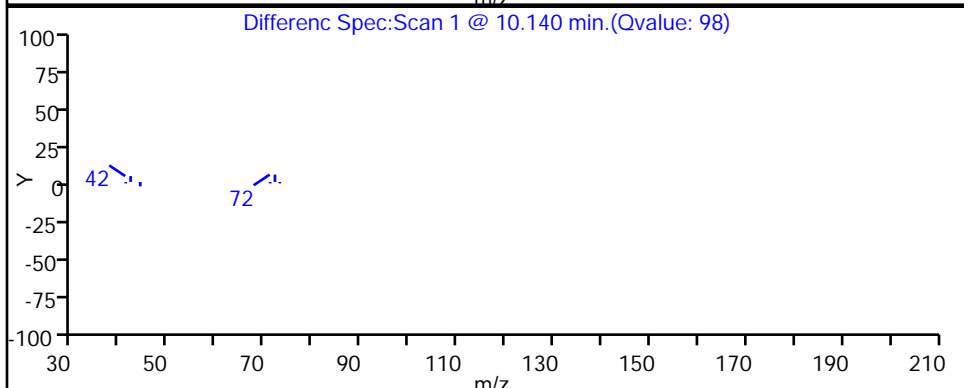
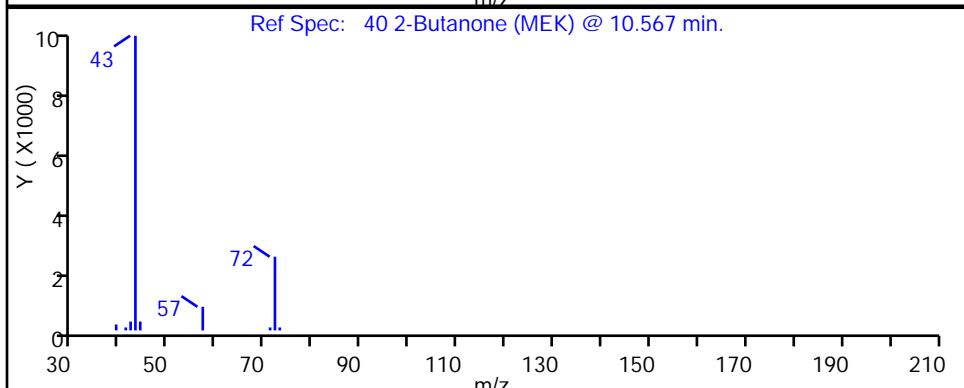
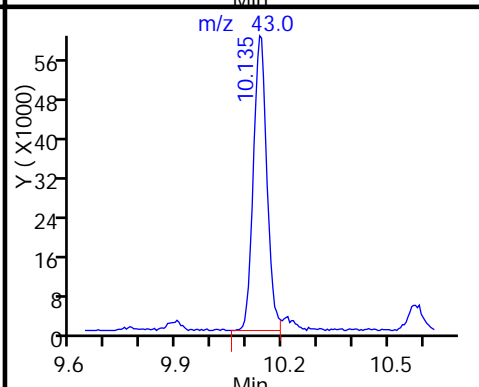
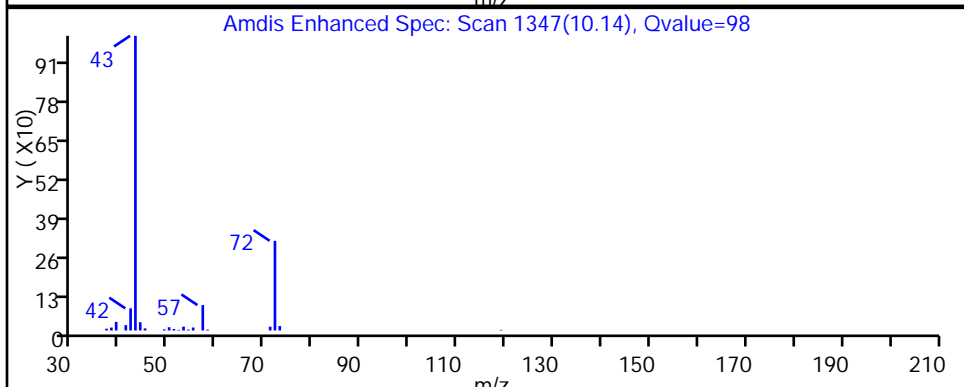
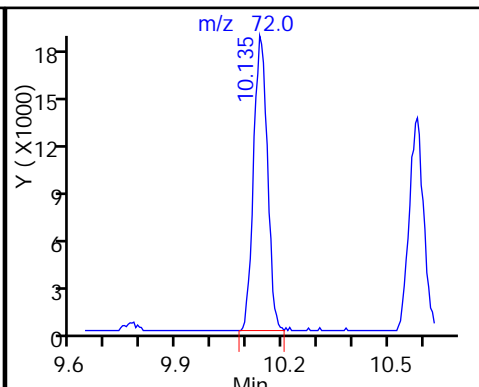
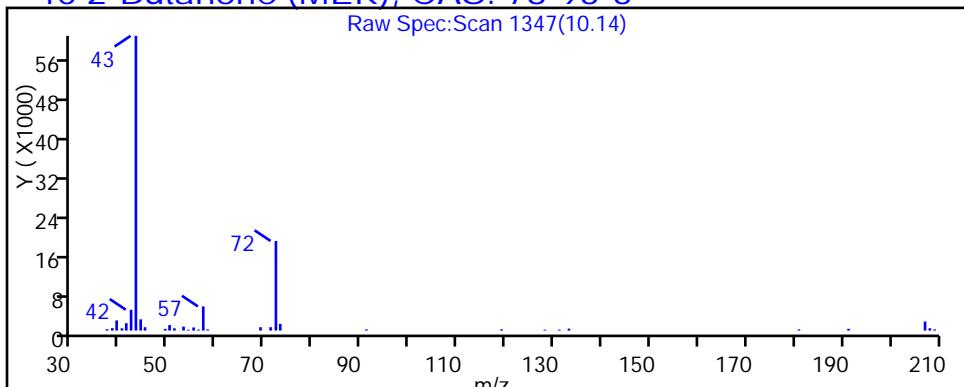
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

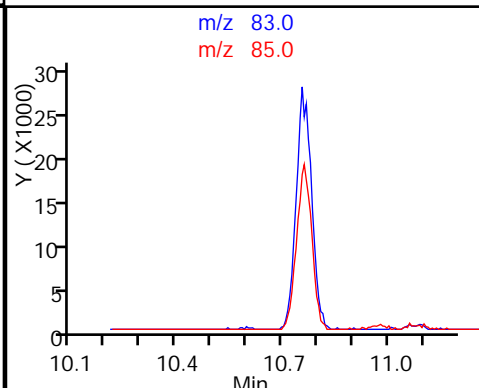
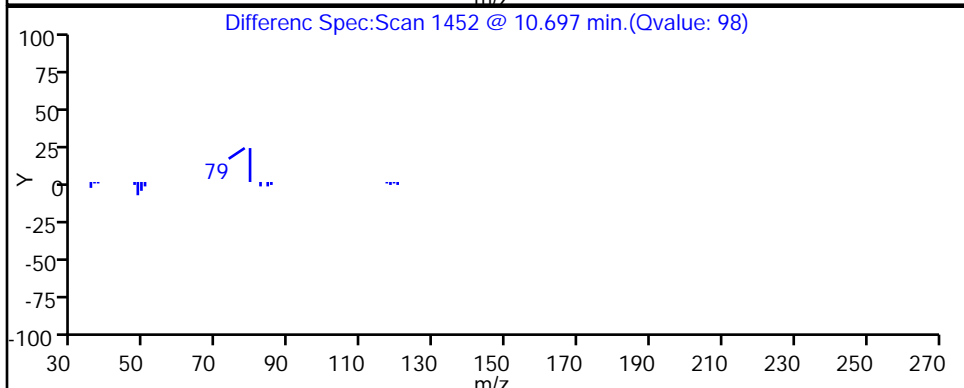
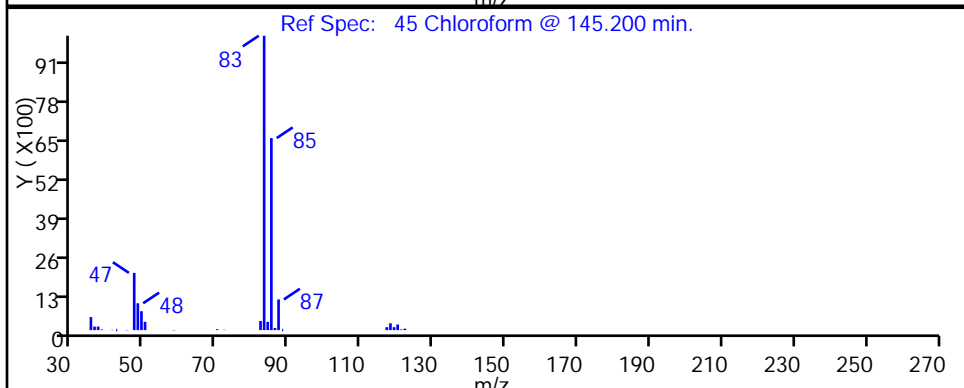
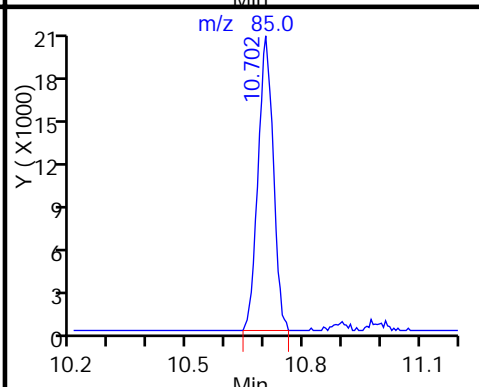
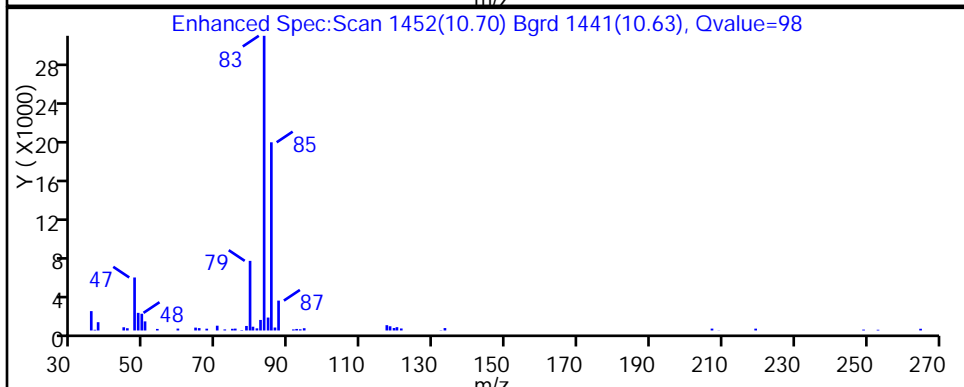
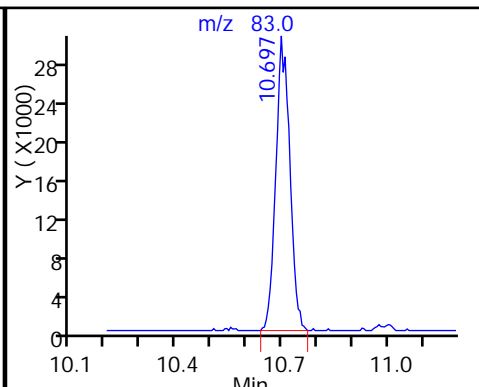
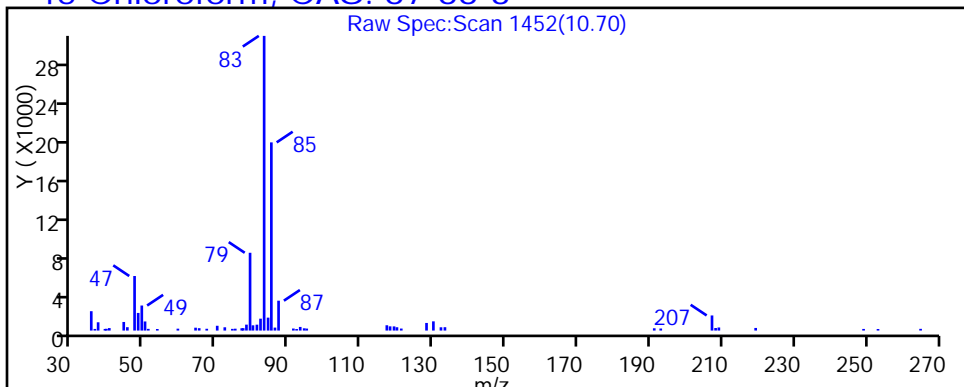
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

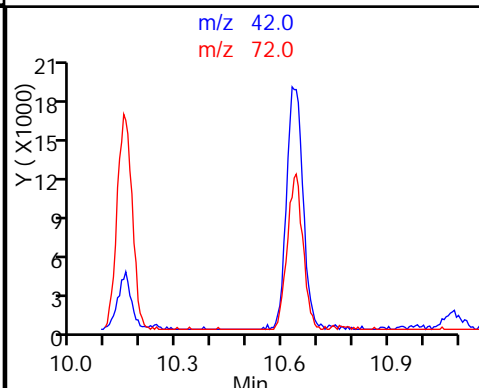
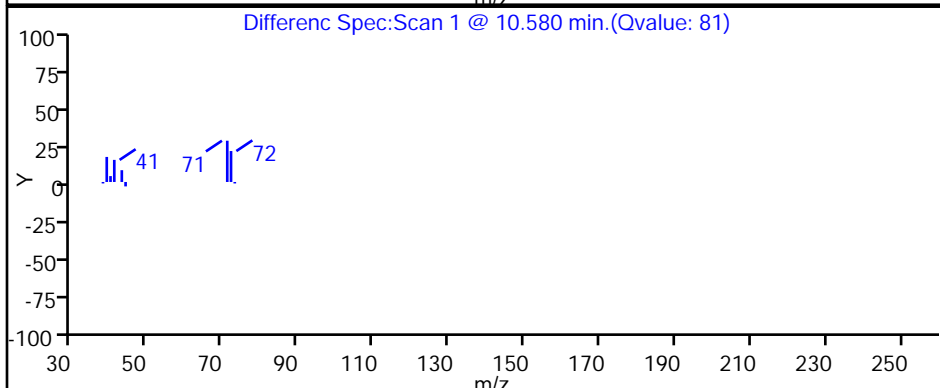
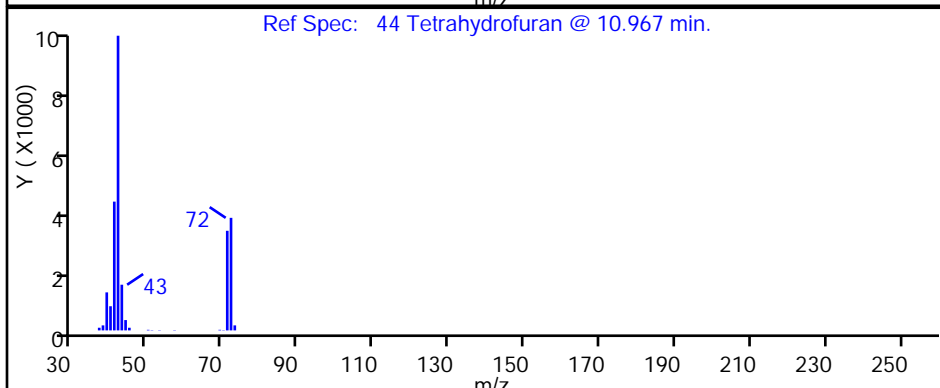
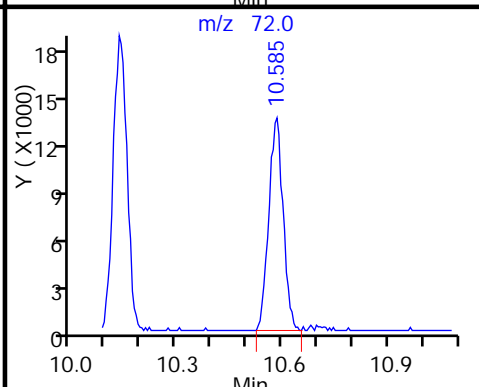
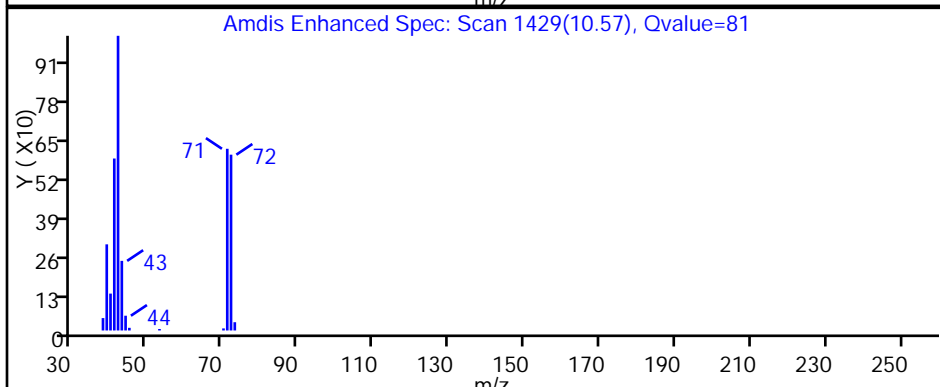
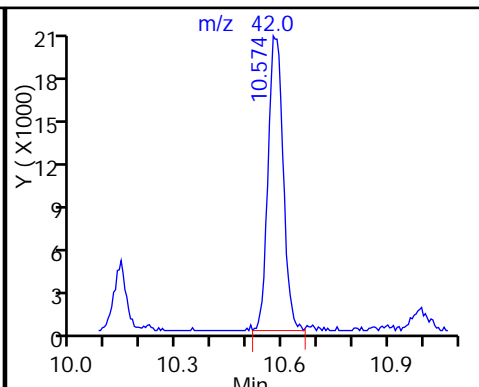
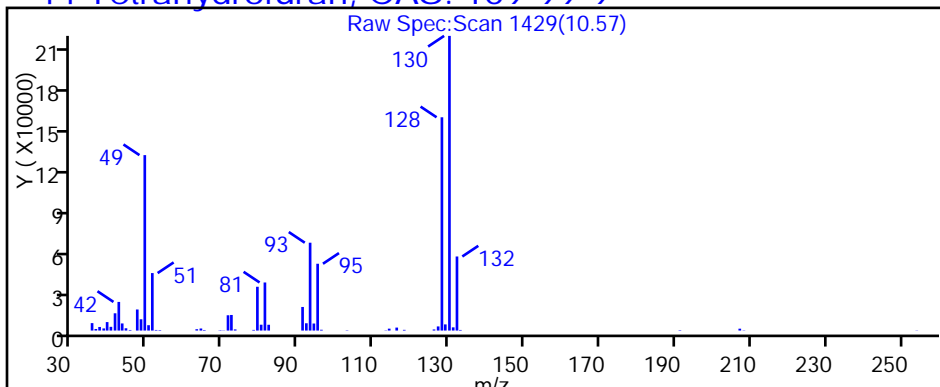
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

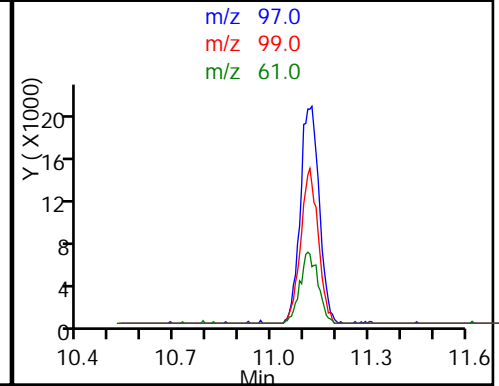
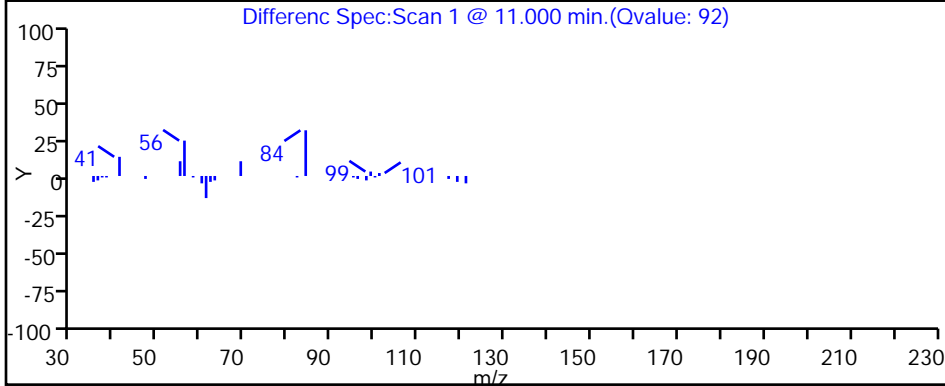
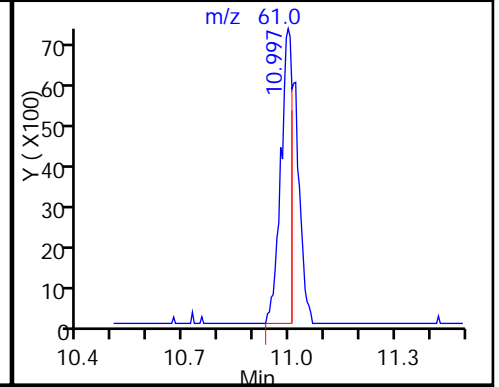
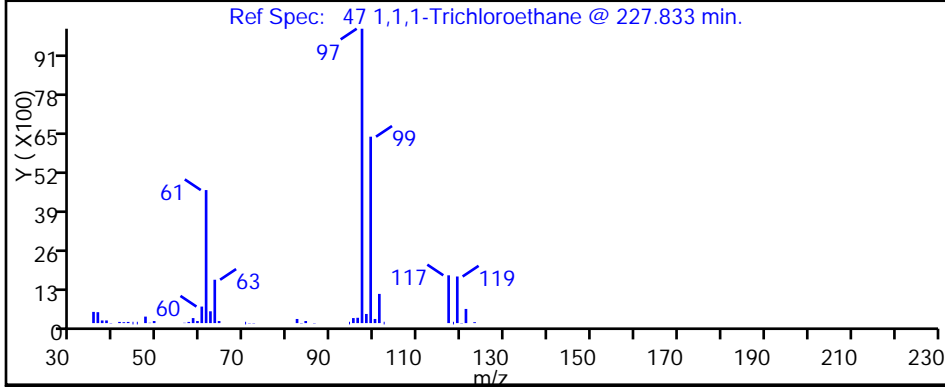
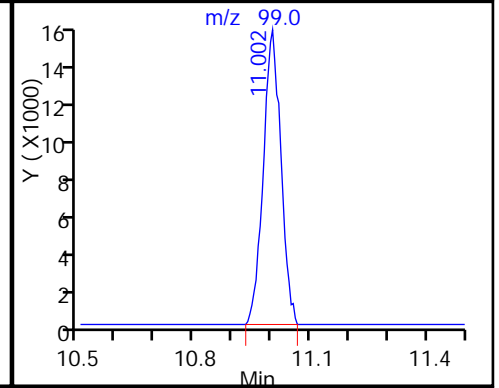
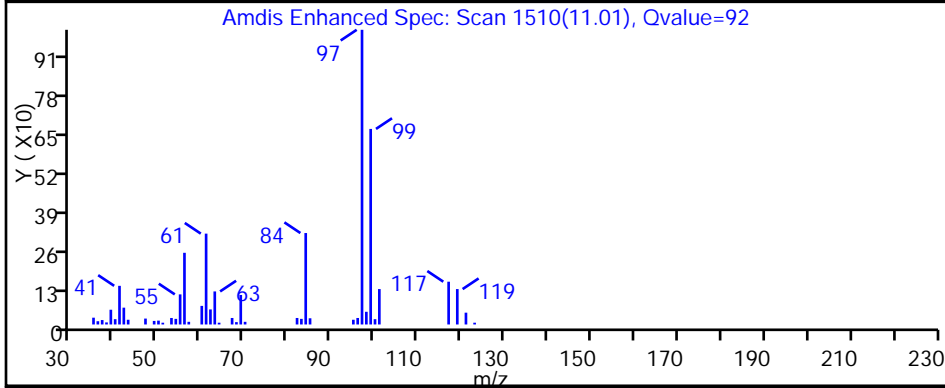
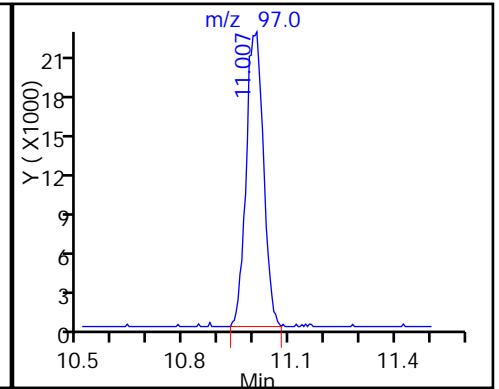
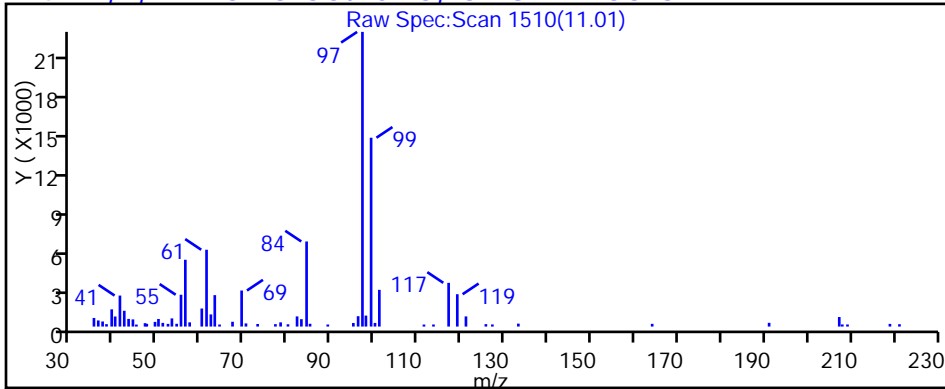
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

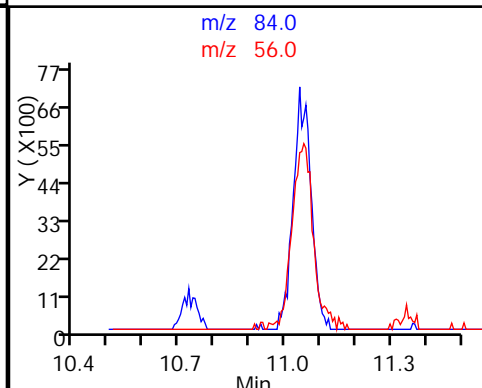
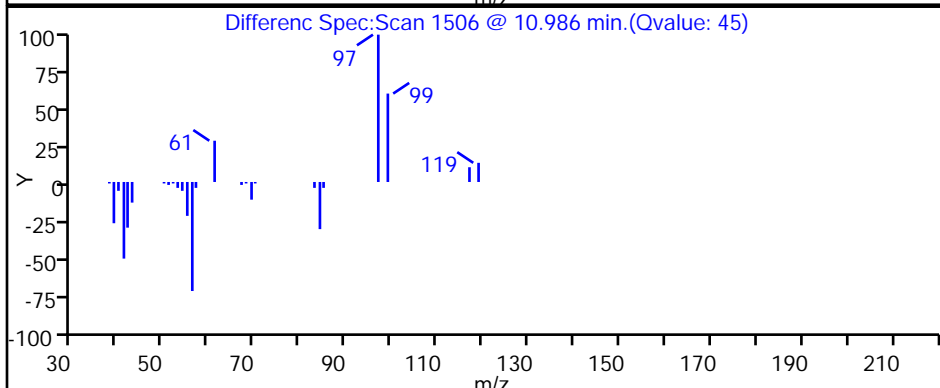
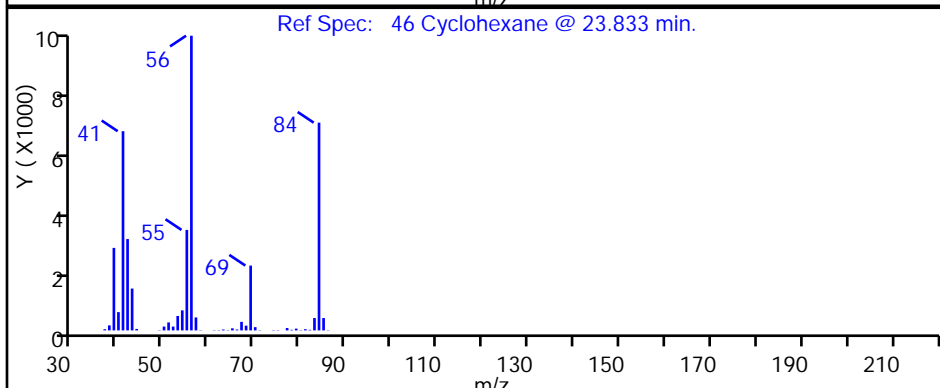
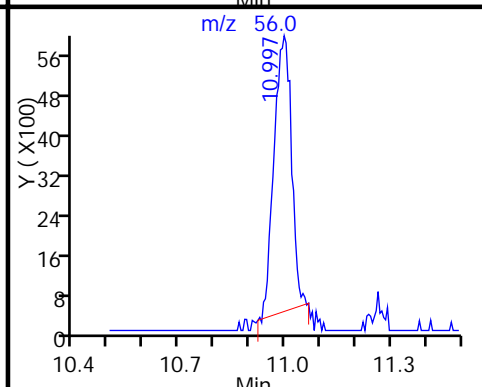
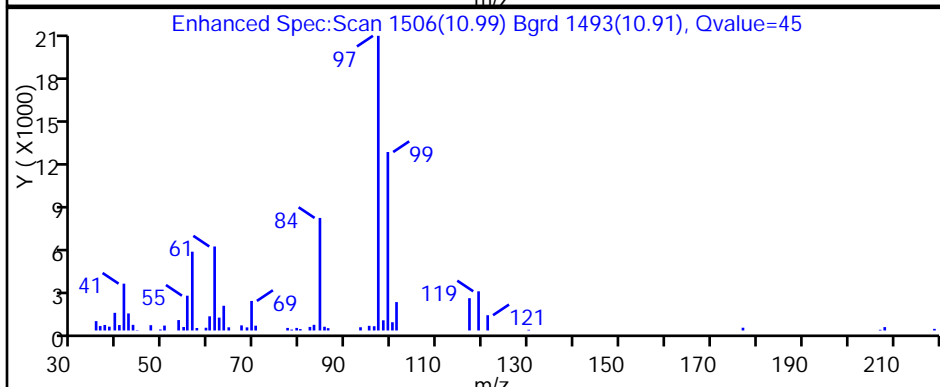
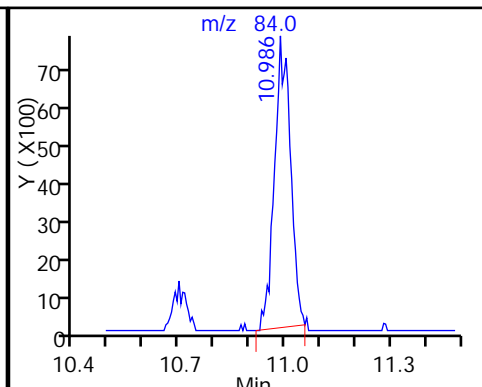
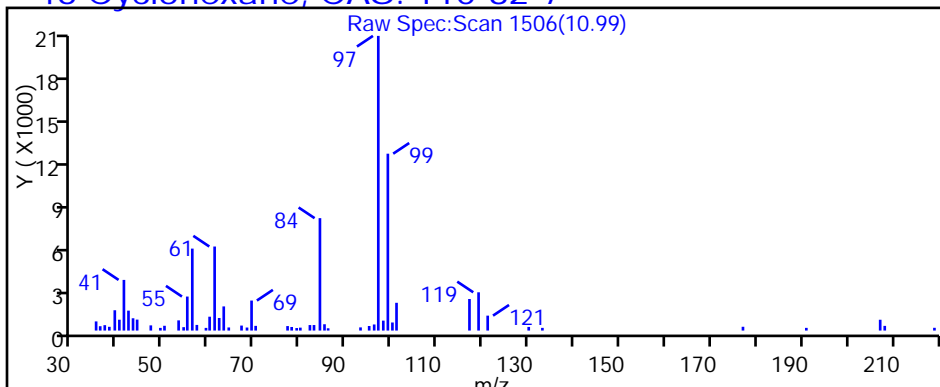
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

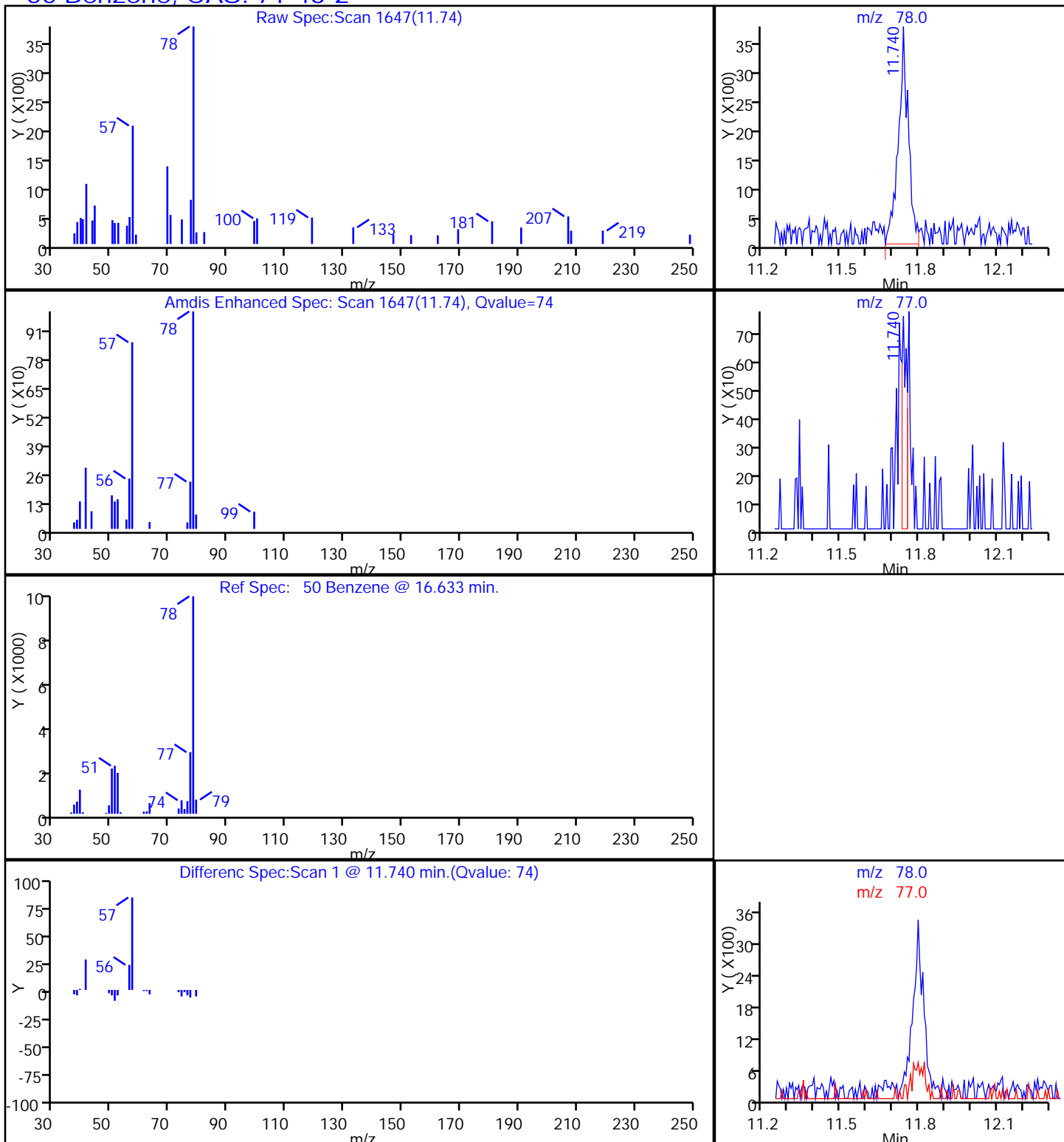
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

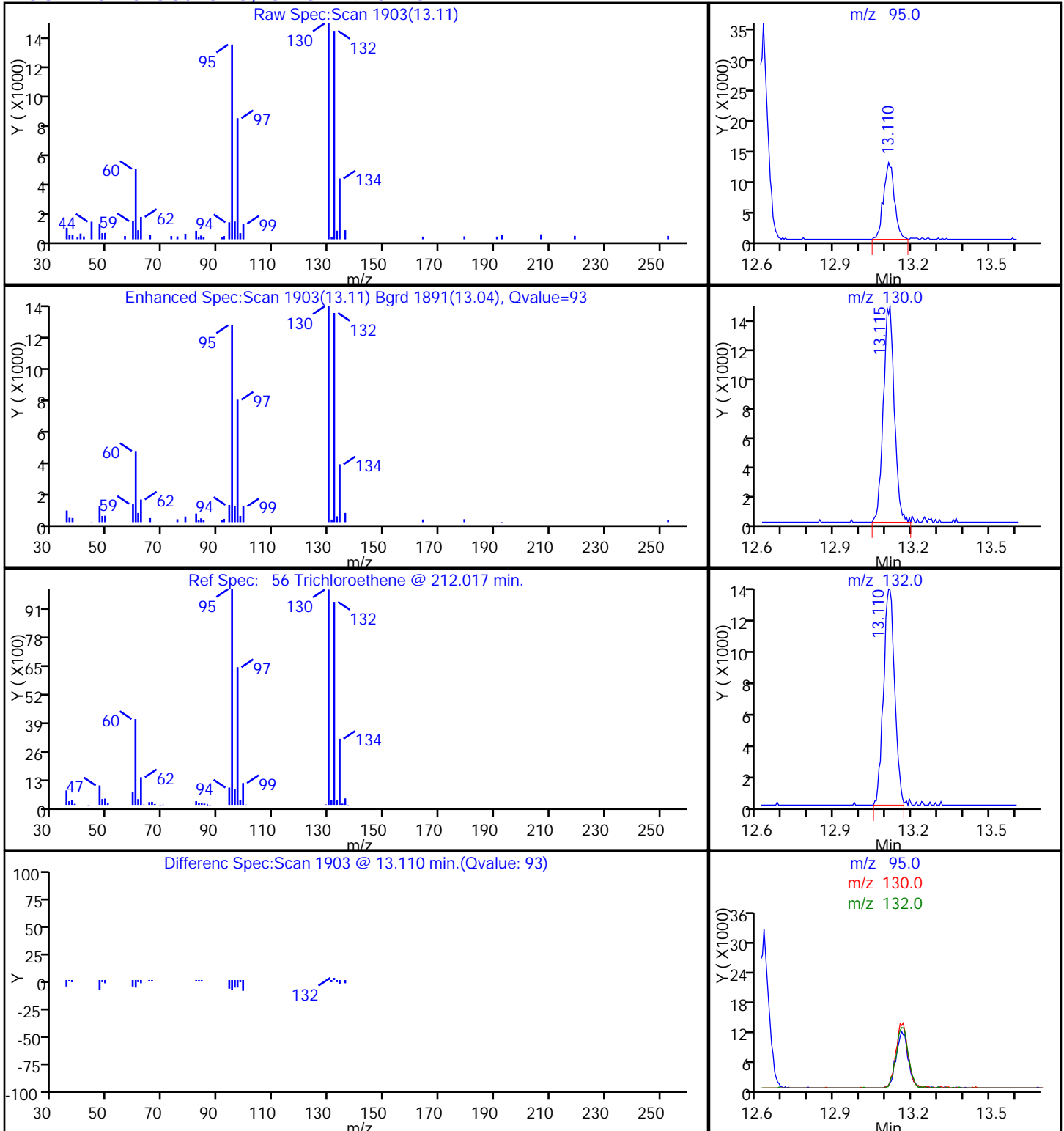
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

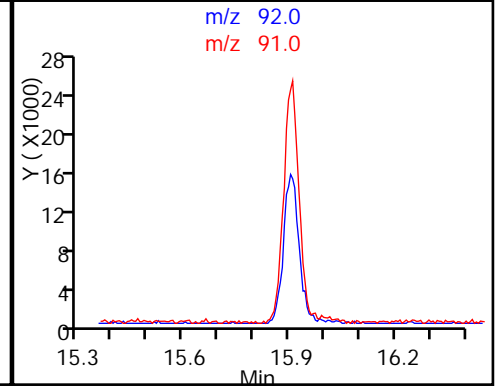
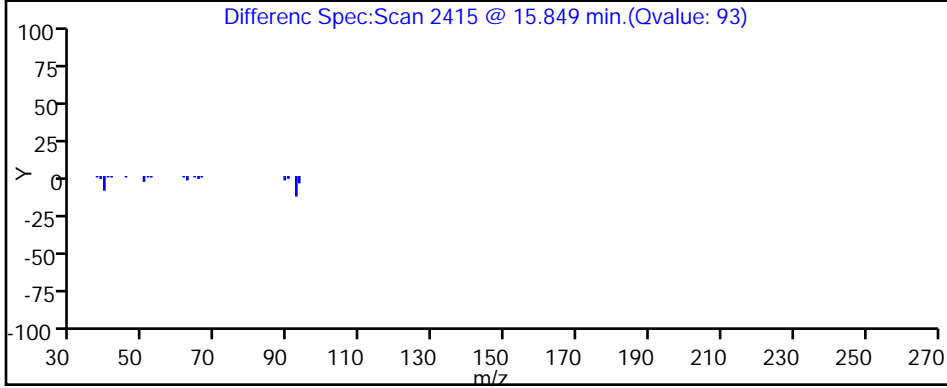
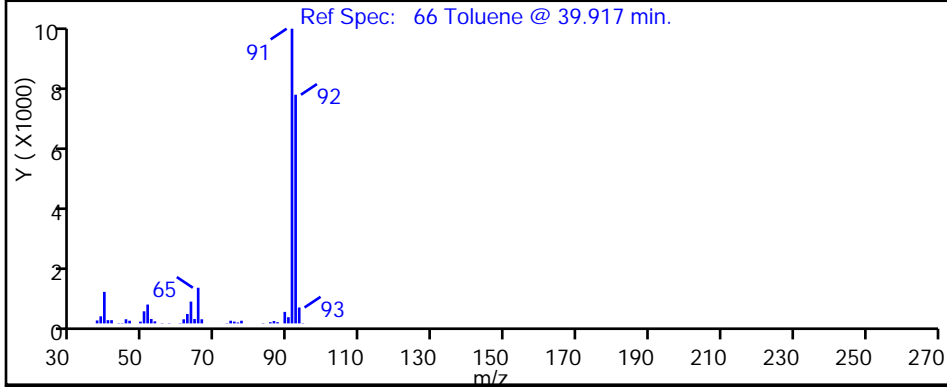
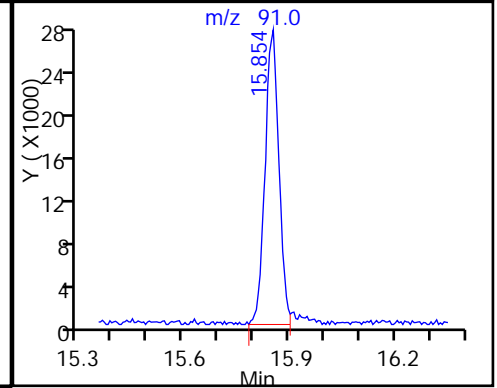
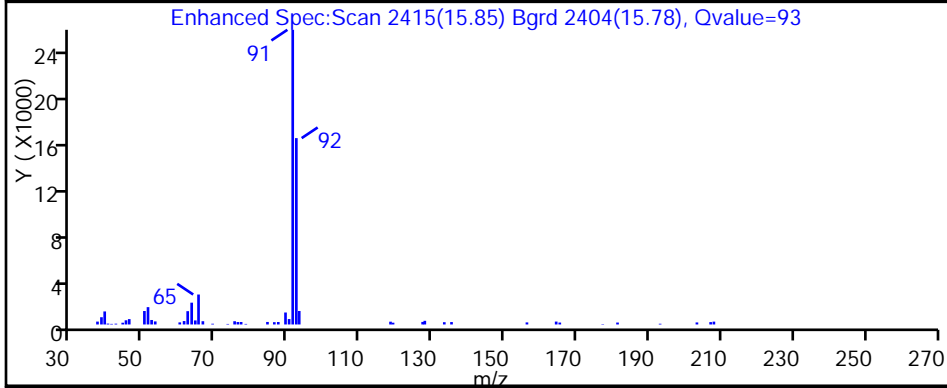
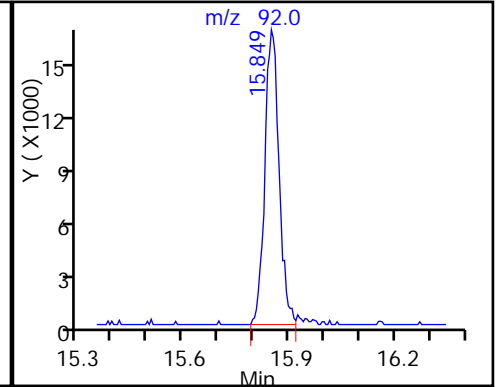
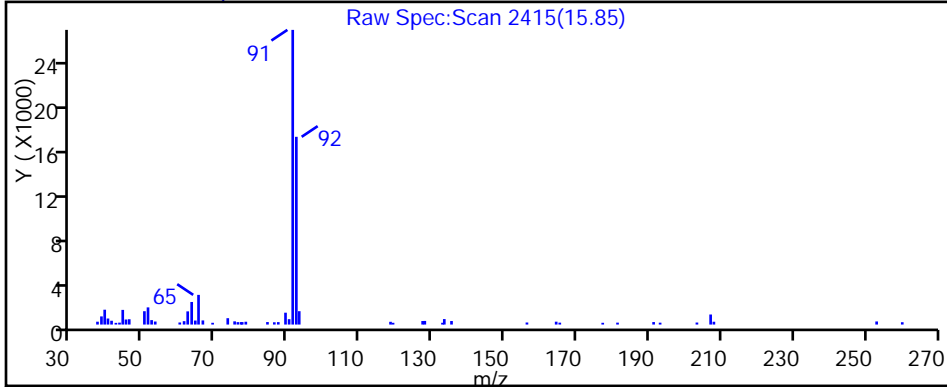
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D

Injection Date: 22-Feb-2014 06:58:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-16

Lab Sample ID: 200-20955-16

Client ID: SS-VMP-6A

Operator ID: bl

ALS Bottle#: 23

Worklist Smp#: 26

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

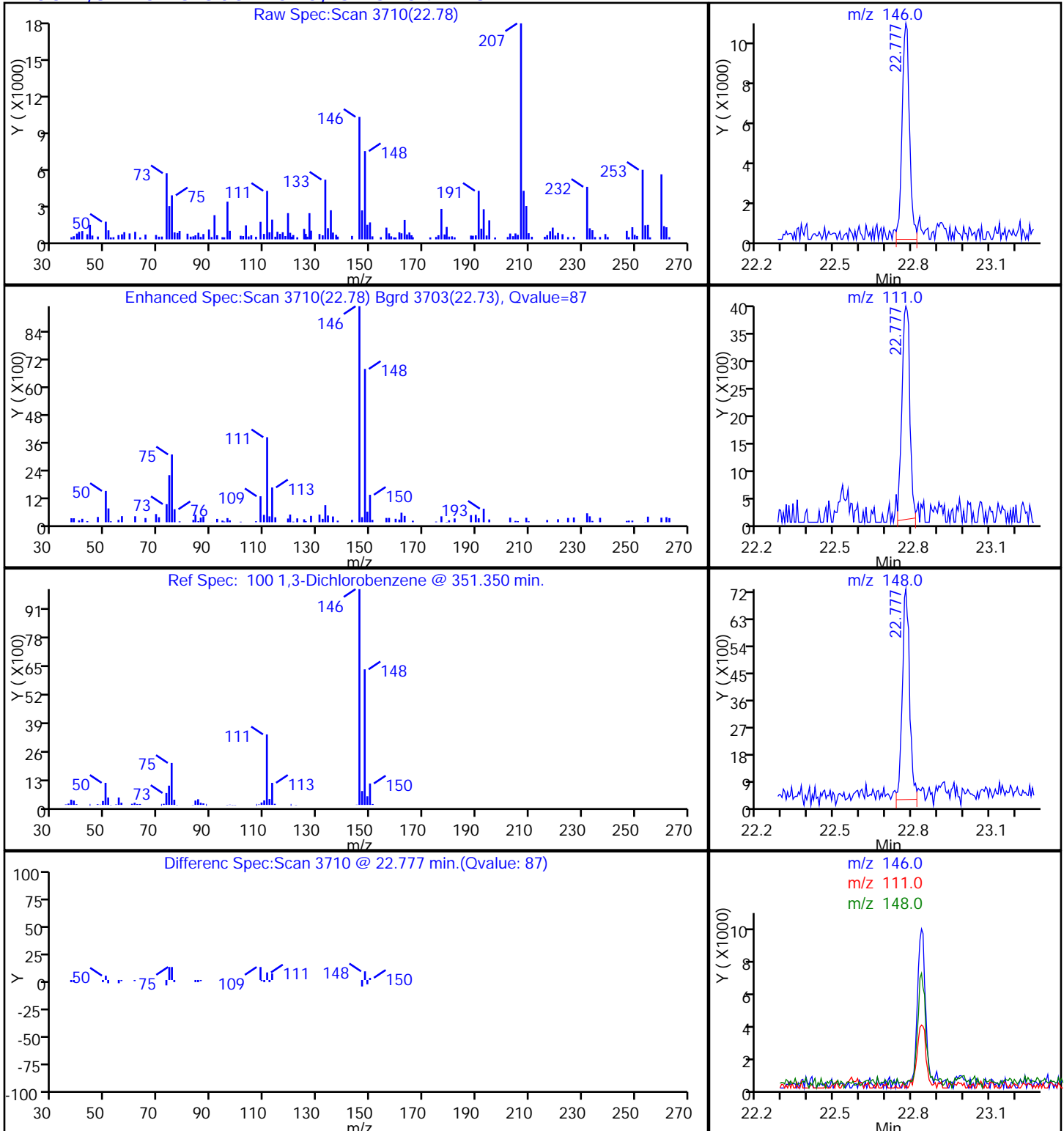
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



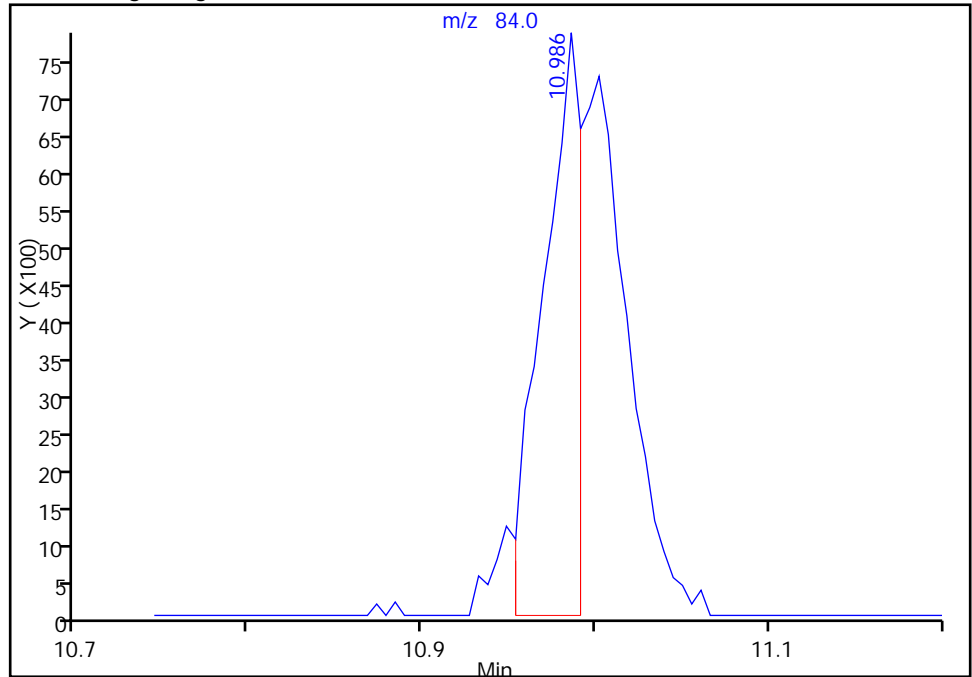
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D
Injection Date: 22-Feb-2014 06:58:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-16 Lab Sample ID: 200-20955-16
Client ID: SS-VMP-6A
Operator ID: bl ALS Bottle#: 23 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

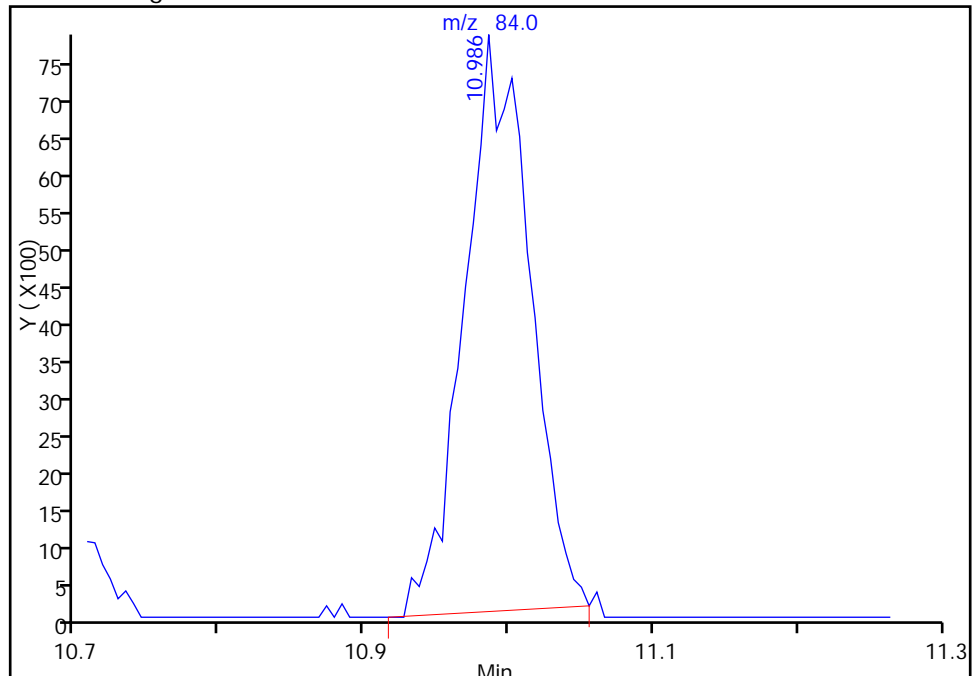
RT: 10.99
Response: 12049
Amount: 0.126925

Processing Integration Results



RT: 10.99
Response: 24359
Amount: 0.256600

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:50:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

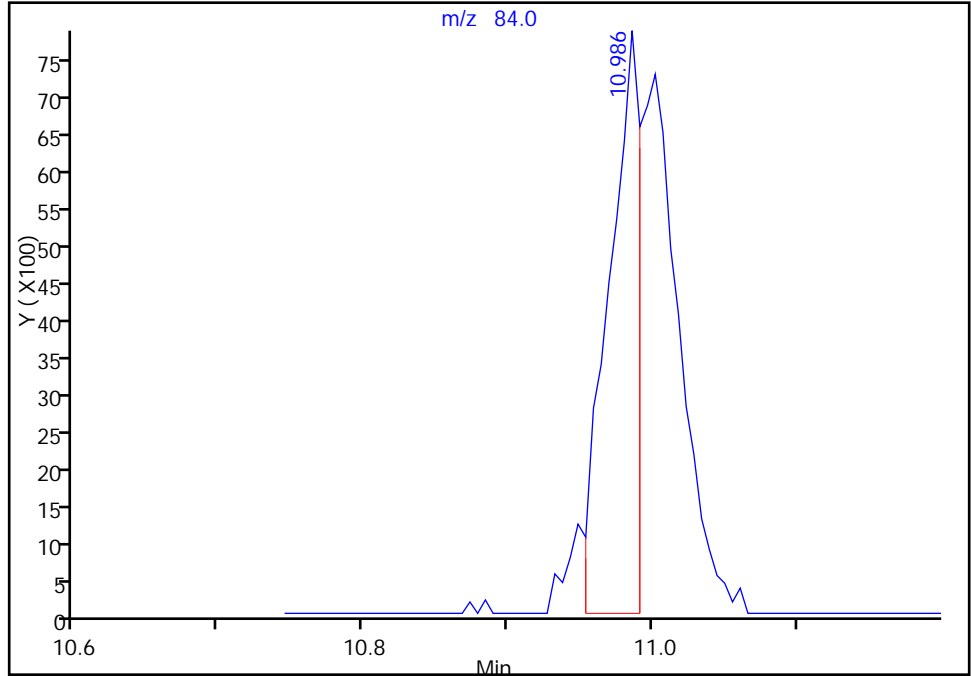
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_026.D
Injection Date: 22-Feb-2014 06:58:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-16 Lab Sample ID: 200-20955-16
Client ID: SS-VMP-6A
Operator ID: bl ALS Bottle#: 23 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

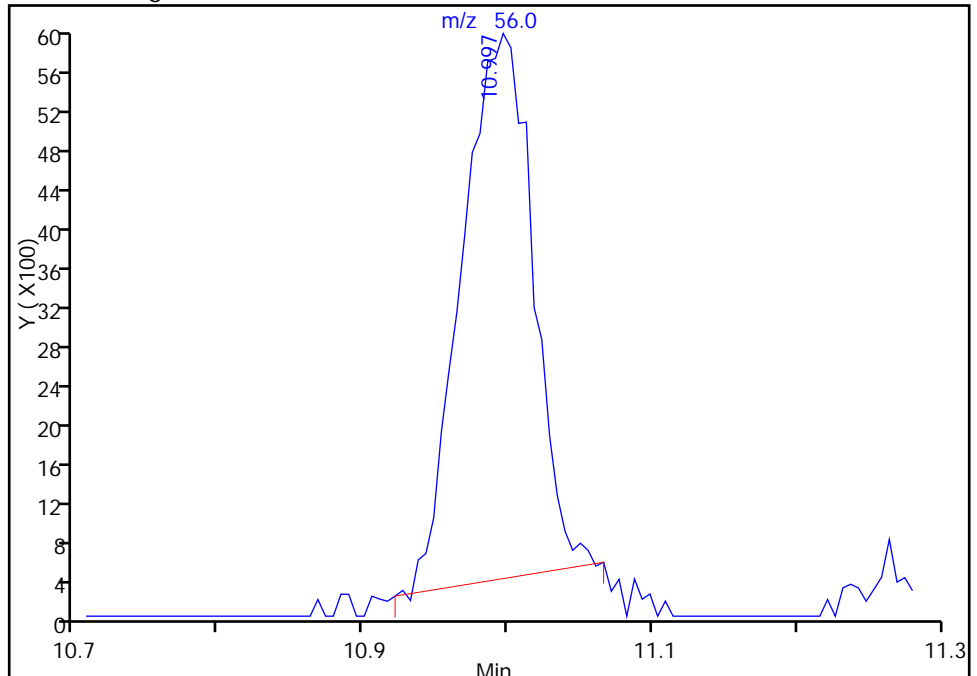
RT: 10.99
Response: 0
Amount: 0.126925

Processing Integration Results



RT: 11.00
Response: 19254
Amount: 0.256600

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:50:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6B Lab Sample ID: 200-20955-18
 Matrix: Air Lab File ID: 6267_028.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 08:32
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	1.3	J	5.0	0.30
75-45-6	Freon 22	86.47	1.4	J	5.0	0.48
76-14-2	Freon-114	170.92	2.0	U	2.0	0.35
74-87-3	Chloromethane	50.49	5.0	U	5.0	1.4
106-97-8	n-Butane	58.12	5.0	U	5.0	2.8
75-01-4	Vinyl chloride	62.50	0.40	U	0.40	0.38
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.42
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.28
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.30
593-60-2	Vinyl bromide	106.96	2.0	U	2.0	0.30
75-69-4	Freon 11	137.37	2.0	U	2.0	0.30
76-13-1	Freon 113	187.38	0.55	J	2.0	0.18
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.24
67-64-1	Acetone	58.08	50	U	50	13
67-63-0	Isopropyl alcohol	60.10	400		50	2.2
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.66
107-05-1	Allyl chloride	76.53	5.0	U	5.0	0.34
75-09-2	Methylene Chloride	84.93	120		5.0	1.3
75-65-0	tert-Butyl alcohol	74.12	50	U	50	3.3
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.22
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.29
110-54-3	Hexane	86.17	2.0	U	2.0	0.34
75-34-3	1,1-Dichloroethane	98.96	0.62	J	2.0	0.38
78-93-3	Methyl Ethyl Ketone	72.11	10		5.0	2.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.38
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.64
67-66-3	Chloroform	119.38	2.0	U	2.0	0.25
109-99-9	Tetrahydrofuran	72.11	5.8	J	50	0.46
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.21
110-82-7	Cyclohexane	84.16	1.8	J	2.0	0.25
56-23-5	Carbon tetrachloride	153.81	0.37	J	0.40	0.21
540-84-1	2,2,4-Trimethylpentane	114.23	0.82	J	2.0	0.27
71-43-2	Benzene	78.11	0.60	J	2.0	0.19
107-06-2	1,2-Dichloroethane	98.96	0.41	J	2.0	0.17
142-82-5	Heptane	100.21	2.0	U	2.0	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6B Lab Sample ID: 200-20955-18
 Matrix: Air Lab File ID: 6267_028.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 08:32
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.39	J	0.40	0.24
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.30
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.32
123-91-1	1,4-Dioxane	88.11	50	U	50	2.0
75-27-4	Bromodichloromethane	163.83	0.34	J	2.0	0.17
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.28
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.27
108-88-3	Toluene	92.14	1.8	J	2.0	0.17
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	133.41	0.39	J	2.0	0.17
127-18-4	Tetrachloroethene	165.83	1.6	J	2.0	0.16
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	2.0
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.20
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.20
108-90-7	Chlorobenzene	112.56	0.43	J	2.0	0.081
100-41-4	Ethylbenzene	106.17	0.52	J	2.0	0.13
179601-23-1	m,p-Xylene	106.17	1.1	J	5.0	0.23
95-47-6	Xylene, o-	106.17	0.49	J	2.0	0.16
1330-20-7	Xylene (total)	106.17	1.6	J	2.0	0.34
100-42-5	Styrene	104.15	0.53	J	2.0	0.18
75-25-2	Bromoform	252.75	2.0	U	2.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.42	J	2.0	0.16
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.80
622-96-8	4-Ethyltoluene	120.20	0.44	J	2.0	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	0.46	J	2.0	0.12
95-49-8	2-Chlorotoluene	126.59	0.48	J	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	0.48	J	2.0	0.17
95-63-6	1,2,4-Trimethylbenzene	120.20	0.52	J	2.0	0.14
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.80
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.80
541-73-1	1,3-Dichlorobenzene	147.00	0.56	J	2.0	0.14
106-46-7	1,4-Dichlorobenzene	147.00	0.32	J	2.0	0.14
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.80
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.80

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6B Lab Sample ID: 200-20955-18
 Matrix: Air Lab File ID: 6267_028.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 08:32
 Soil Aliquot Vol.: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.39	J	2.0	0.14
120-82-1	1,2,4-Trichlorobenzene	181.45	5.0	U	5.0	0.27
87-68-3	Hexachloro-1,3-butadiene	260.76	2.0	U	2.0	0.22
91-20-3	Naphthalene	128.17	5.0	U	5.0	2.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6B Lab Sample ID: 200-20955-18
 Matrix: Air Lab File ID: 6267_028.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 08:32
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	6.4	J	25	1.5
75-45-6	Freon 22	86.47	5.0	J	18	1.7
76-14-2	Freon-114	170.92	14	U	14	2.4
74-87-3	Chloromethane	50.49	10	U	10	2.8
106-97-8	n-Butane	58.12	12	U	12	6.7
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.97
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.93
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.1
75-00-3	Chloroethane	64.52	13	U	13	0.79
593-60-2	Vinyl bromide	106.96	8.7	U	8.7	1.3
75-69-4	Freon 11	137.37	11	U	11	1.7
76-13-1	Freon 113	187.38	4.2	J	15	1.4
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	0.95
67-64-1	Acetone	58.08	120	U	120	30
67-63-0	Isopropyl alcohol	60.10	970		120	5.3
75-15-0	Carbon disulfide	76.14	16	U	16	2.1
107-05-1	Allyl chloride	76.53	16	U	16	1.1
75-09-2	Methylene Chloride	84.93	410		17	4.3
75-65-0	tert-Butyl alcohol	74.12	150	U	150	9.9
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.79
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	1.1
110-54-3	Hexane	86.17	7.0	U	7.0	1.2
75-34-3	1,1-Dichloroethane	98.96	2.5	J	8.1	1.5
78-93-3	Methyl Ethyl Ketone	72.11	29		15	7.1
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	1.5
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.5
67-66-3	Chloroform	119.38	9.8	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	17	J	150	1.4
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	1.1
110-82-7	Cyclohexane	84.16	6.2	J	6.9	0.86
56-23-5	Carbon tetrachloride	153.81	2.3	J	2.5	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	3.8	J	9.3	1.3
71-43-2	Benzene	78.11	1.9	J	6.4	0.61
107-06-2	1,2-Dichloroethane	98.96	1.7	J	8.1	0.69
142-82-5	Heptane	100.21	8.2	U	8.2	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6B Lab Sample ID: 200-20955-18
 Matrix: Air Lab File ID: 6267_028.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 08:32
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.1	J	2.1	1.3
80-62-6	Methyl methacrylate	100.12	20	U	20	1.2
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.5
123-91-1	1,4-Dioxane	88.11	180	U	180	7.2
75-27-4	Bromodichloromethane	163.83	2.3	J	13	1.1
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	1.3
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.1
108-88-3	Toluene	92.14	6.7	J	7.5	0.64
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	1.0
79-00-5	1,1,2-Trichloroethane	133.41	2.1	J	11	0.93
127-18-4	Tetrachloroethene	165.83	11	J	14	1.1
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	8.2
124-48-1	Dibromochloromethane	208.29	17	U	17	1.7
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.5
108-90-7	Chlorobenzene	112.56	2.0	J	9.2	0.37
100-41-4	Ethylbenzene	106.17	2.3	J	8.7	0.56
179601-23-1	m,p-Xylene	106.17	4.7	J	22	1.0
95-47-6	Xylene, o-	106.17	2.1	J	8.7	0.69
1330-20-7	Xylene (total)	106.17	6.9	J	8.7	1.5
100-42-5	Styrene	104.15	2.3	J	8.5	0.77
75-25-2	Bromoform	252.75	21	U	21	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.9	J	14	1.1
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	3.9
622-96-8	4-Ethyltoluene	120.20	2.2	J	9.8	0.88
108-67-8	1,3,5-Trimethylbenzene	120.20	2.3	J	9.8	0.59
95-49-8	2-Chlorotoluene	126.59	2.5	J	10	0.67
98-06-6	tert-Butylbenzene	134.22	2.6	J	11	0.93
95-63-6	1,2,4-Trimethylbenzene	120.20	2.5	J	9.8	0.69
135-98-8	sec-Butylbenzene	134.22	11	U	11	4.4
99-87-6	4-Isopropyltoluene	134.22	11	U	11	4.4
541-73-1	1,3-Dichlorobenzene	147.00	3.3	J	12	0.84
106-46-7	1,4-Dichlorobenzene	147.00	1.9	J	12	0.84
100-44-7	Benzyl chloride	126.58	10	U	10	4.1
104-51-8	n-Butylbenzene	134.22	11	U	11	4.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-6B Lab Sample ID: 200-20955-18
 Matrix: Air Lab File ID: 6267_028.D
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:07
 Sample wt/vol: 20 (mL) Date Analyzed: 02/22/2014 08:32
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68745 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.3	J	12	0.84
120-82-1	1,2,4-Trichlorobenzene	181.45	37	U	37	2.0
87-68-3	Hexachloro-1,3-butadiene	260.76	21	U	21	2.3
91-20-3	Naphthalene	128.17	26	U	26	10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
 Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
 Client ID: SS-VMP-6B
 Sample Type: Client
 Inject. Date: 22-Feb-2014 08:32:30 ALS Bottle#: 25 Worklist Smp#: 28
 Purge Vol: 200.000 mL Dil. Factor: 10.0000
 Sample Info: 200-0006267-028
 Misc. Info.: 20955-18
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:53:43 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.132	3.127	0.005	87	27220	0.1302	
6 Chlorodifluoromethane	51	3.186	3.181	0.006	84	11138	0.1415	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.405					
8 Chloromethane	50		3.539					
9 Butane	43		3.758					
10 Vinyl chloride	62	3.790	3.796	-0.006	50	1871	0.0344	
11 Butadiene	54		3.876					
12 Bromomethane	94		4.577					
14 Chloroethane	64		4.828					
16 Vinyl bromide	106		5.229					
17 Trichlorofluoromethane	101		5.347					
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	84	8267	0.0552	
24 1,1-Dichloroethene	96		6.497					
25 Acetone	43		6.717					
26 Carbon disulfide	76		6.883					
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	1867029	39.5	
29 3-Chloro-1-propene	41		7.300					
31 Methylene Chloride	49	7.594	7.599	-0.005	81	561103	11.9	
32 2-Methyl-2-propanol	59		7.835					
33 Methyl tert-butyl ether	73		8.038					
34 trans-1,2-Dichloroethene	61		8.059					
36 Hexane	57		8.493					
37 1,1-Dichloroethane	63	8.948	8.947	0.001	22	6043	0.0616	M
39 cis-1,2-Dichloroethene	96		10.087					
40 2-Butanone (MEK)	72	10.135	10.135	0.0	98	28999	1.00	
S 41 1,2-Dichloroethene, Total	61		10.200					
* 43 Chlorobromomethane	128	10.558	10.563	-0.005	68	666395	10.0	
44 Tetrahydrofuran	42	10.590	10.579	0.011	82	26584	0.5839	
45 Chloroform	83		10.702					
46 Cyclohexane	84	10.996	10.991	0.005	75	17070	0.1787	M
47 1,1,1-Trichloroethane	97		11.002					
48 Carbon tetrachloride	117	11.269	11.269	0.0	83	10693	0.0371	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
50	Benzene		78	11.735	11.740	-0.005	86	15209	0.0595	M
51	Isooctane		57	11.751	11.761	-0.010	92	25035	0.0821	
52	1,2-Dichloroethane		62	11.901	11.911	-0.010	51	5215	0.0409	
53	n-Heptane		43		12.168					
*	54	1,4-Difluorobenzene	114	12.623	12.623	0.0	91	3827862	10.0	
56	Trichloroethene		95	13.110	13.110	0.0	72	7050	0.0389	M
58	1,2-Dichloropropane		63		13.682					
59	Methyl methacrylate		69		13.880					
60	1,4-Dioxane		88		13.917					
62	Dichlorobromomethane		83	14.254	14.249	0.005	82	10073	0.0337	
64	cis-1,3-Dichloropropene		75		15.228					
65	4-Methyl-2-pentanone (MIBK)		43		15.528					
66	Toluene		92	15.849	15.849	0.0	91	46666	0.1772	
70	trans-1,3-Dichloropropene		75		16.437					
71	1,1,2-Trichloroethane		83	16.817	16.812	0.005	79	5132	0.0389	
72	Tetrachloroethene		166	16.961	16.961	0.0	95	46651	0.1648	
73	2-Hexanone		43		17.282					
74	Chlorodibromomethane		129		17.587					
75	Ethylene Dibromide		107		17.860					
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	81	3595336	10.0	
77	Chlorobenzene		112	18.839	18.844	-0.005	54	16307	0.0427	
78	Ethylbenzene		91	19.010	19.016	-0.006	83	28687	0.0524	
80	m-Xylene & p-Xylene		106	19.267	19.272	-0.005	98	24058	0.1076	
S	82	Xylenes, Total	106				0		0.1564	7
83	o-Xylene		106	20.096	20.102	-0.006	68	11392	0.0488	
84	Styrene		104	20.150	20.144	0.006	91	16558	0.0533	
85	Bromoform		173		20.530					
\$	87	4-Bromofluorobenzene	95	21.107	21.107	0.0	98	1768589	NC	
88	1,1,2,2-Tetrachloroethane		83	21.370	21.364	0.006	85	13278	0.0418	
90	N-Propylbenzene		91		21.471					
92	2-Chlorotoluene		91	21.648	21.653	-0.005	83	21685	0.0483	
91	4-Ethyltoluene		105	21.653	21.653	0.0	81	23631	0.0438	
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	88	24774	0.0464	
96	tert-Butylbenzene		119	22.236	22.242	-0.006	82	25884	0.0478	
97	1,2,4-Trimethylbenzene		105	22.332	22.332	0.0	92	26727	0.0517	
98	sec-Butylbenzene		105		22.562					
99	4-Isopropyltoluene		119		22.760					
100	1,3-Dichlorobenzene		146	22.782	22.776	0.006	88	17859	0.0557	
101	1,4-Dichlorobenzene		146	22.916	22.910	0.006	73	10056	0.0323	
102	Benzyl chloride		91		23.103					
103	n-Butylbenzene		91		23.338					
105	1,2-Dichlorobenzene		146	23.445	23.451	-0.006	75	13180	0.0389	
107	1,2,4-Trichlorobenzene		180		26.013					
108	Hexachlorobutadiene		225		26.227					
109	Naphthalene		128		26.505					

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Worklist Smp#: 28

Client ID: SS-VMP-6B

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

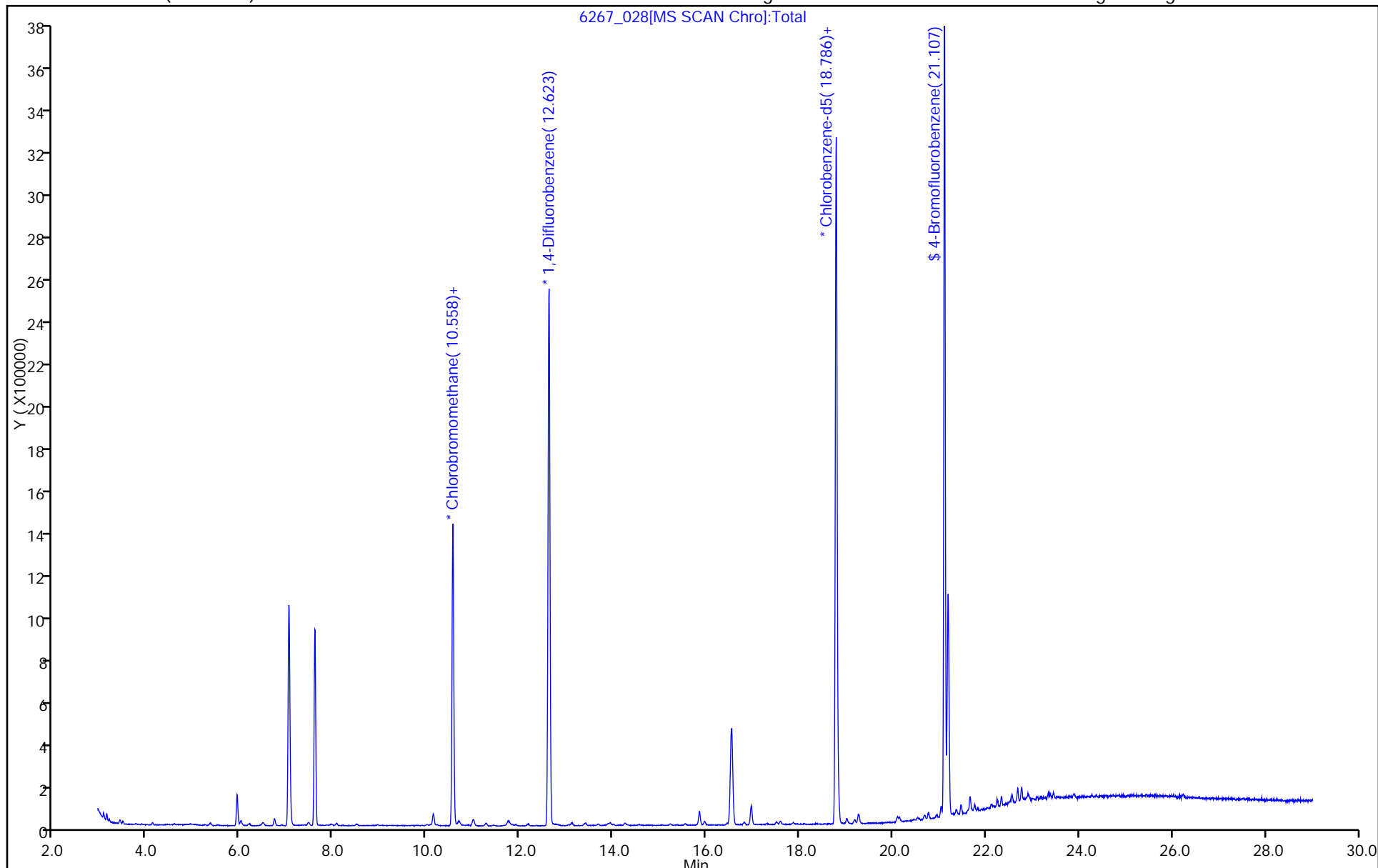
ALS Bottle#: 25

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

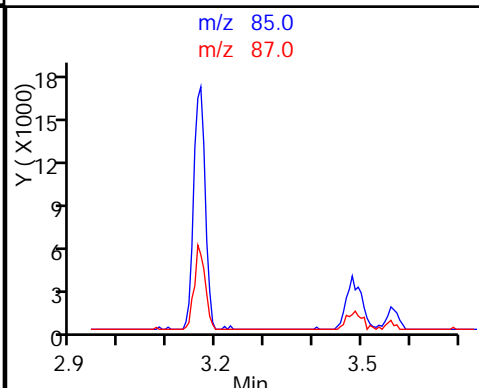
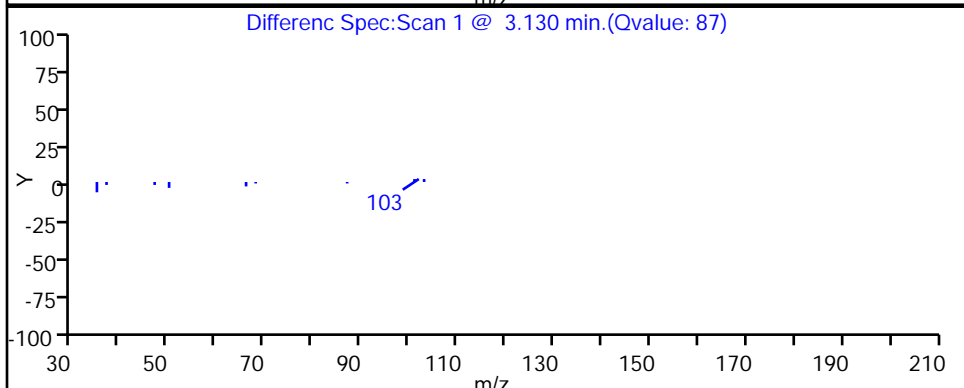
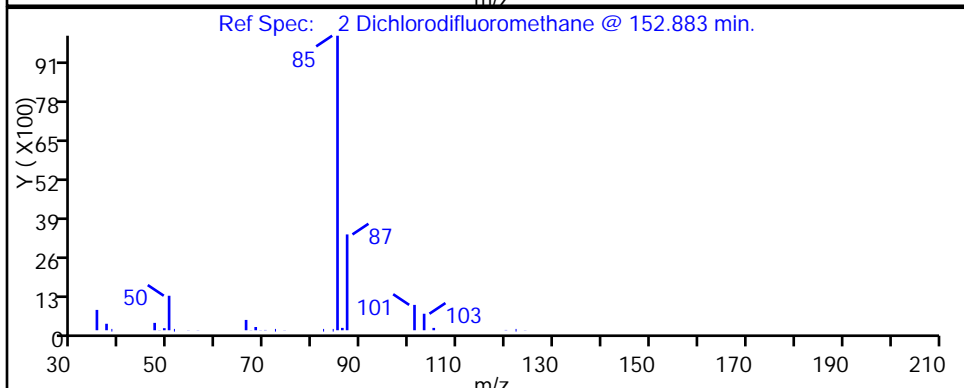
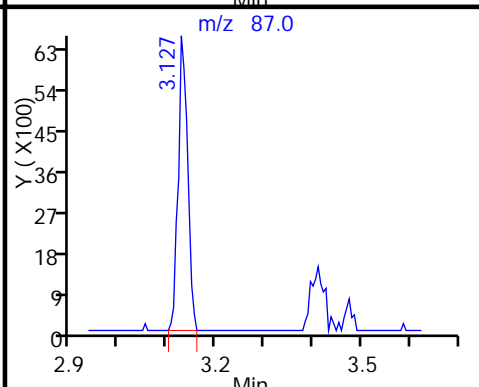
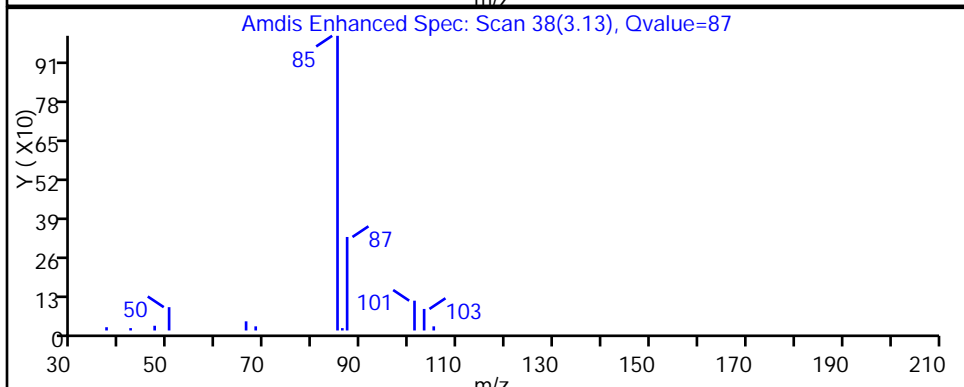
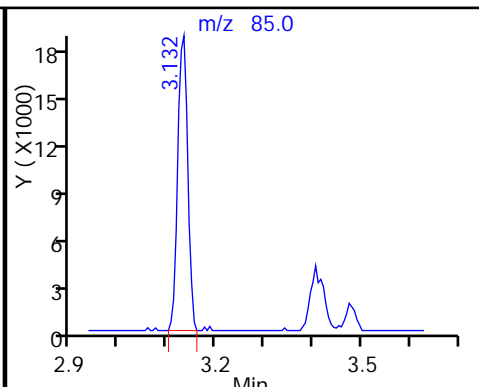
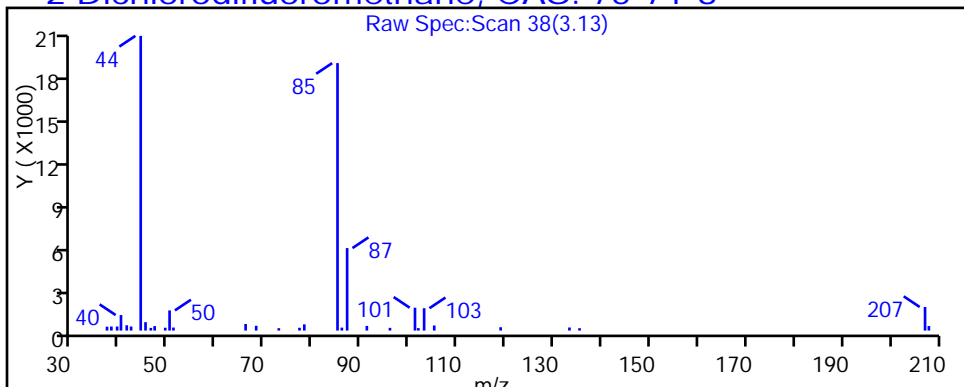
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

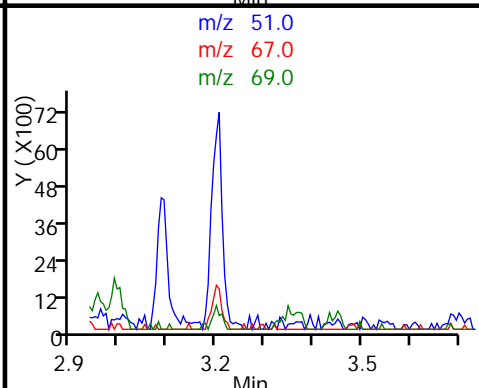
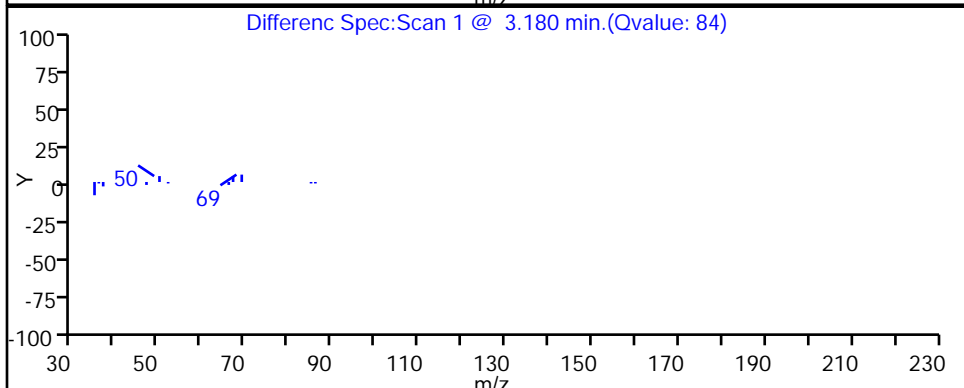
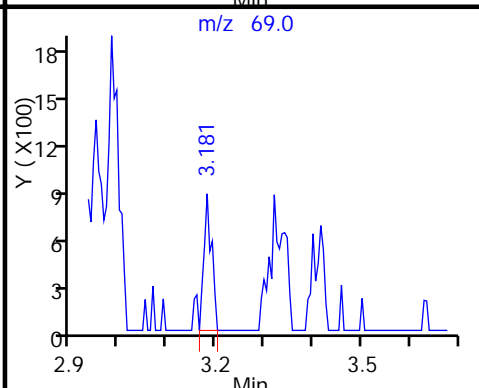
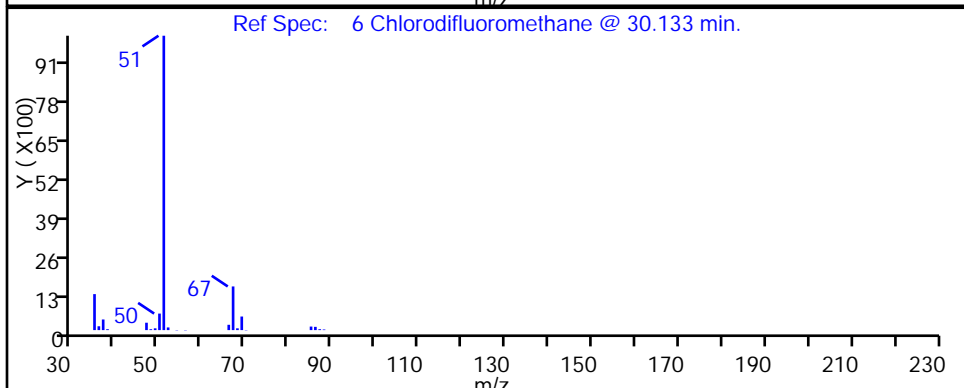
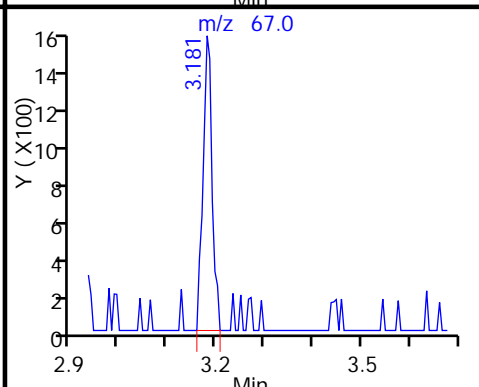
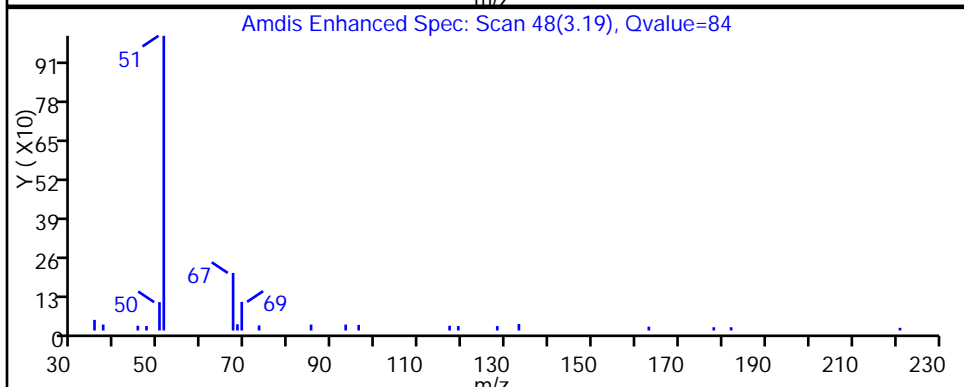
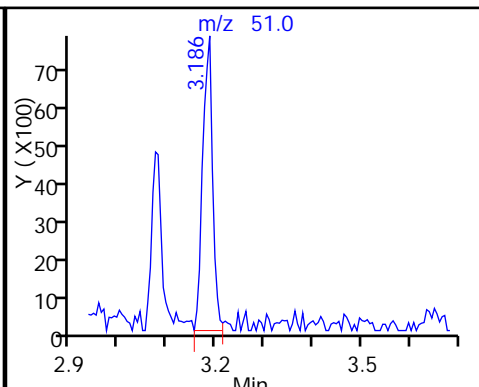
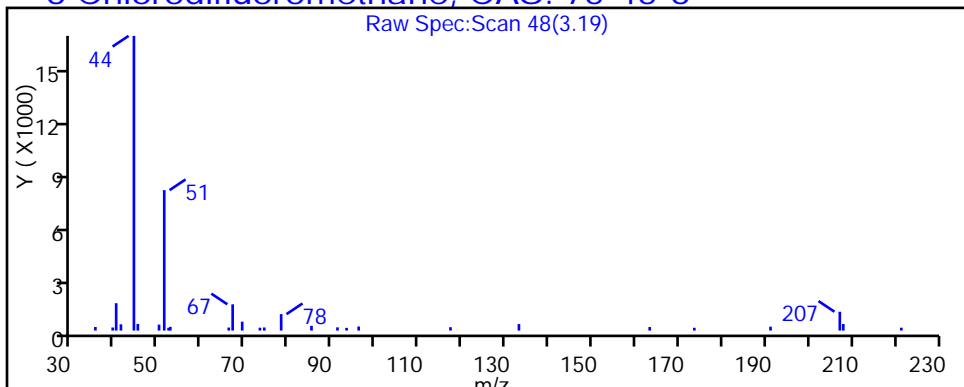
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

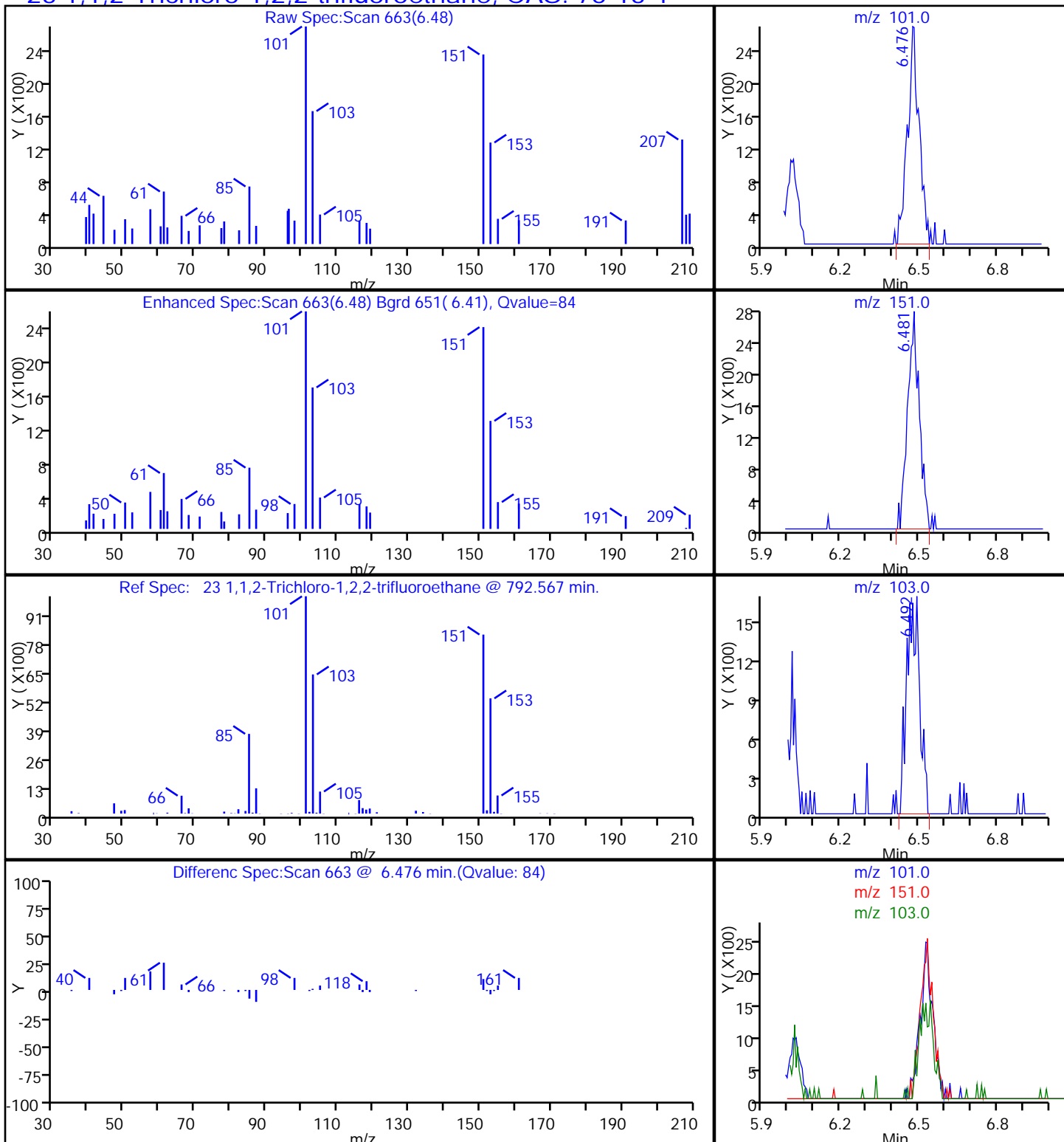
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

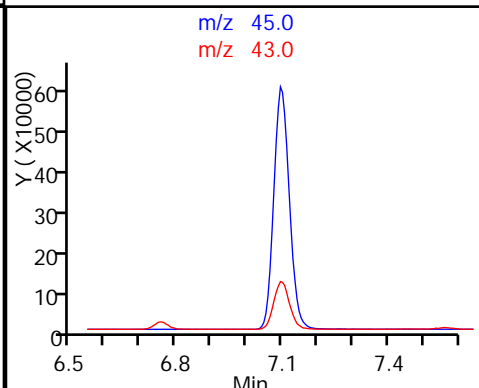
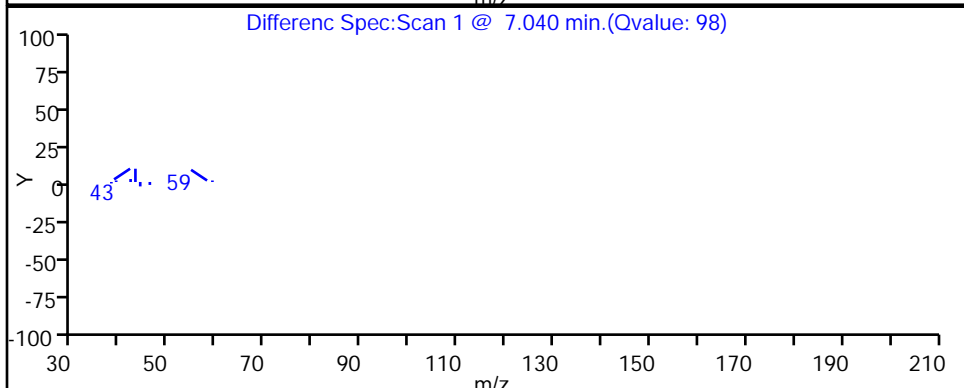
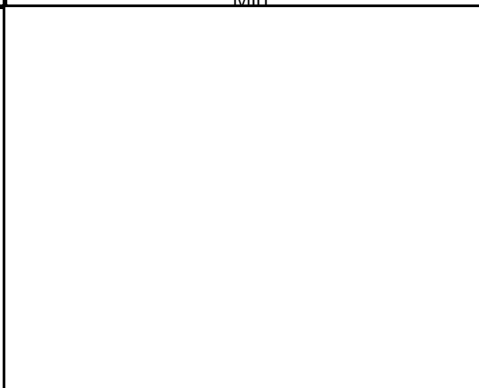
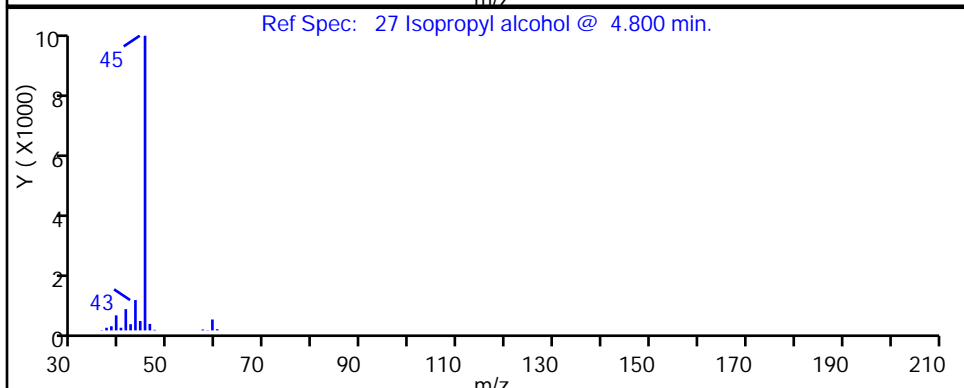
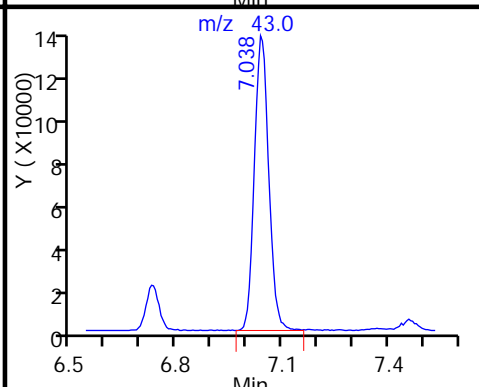
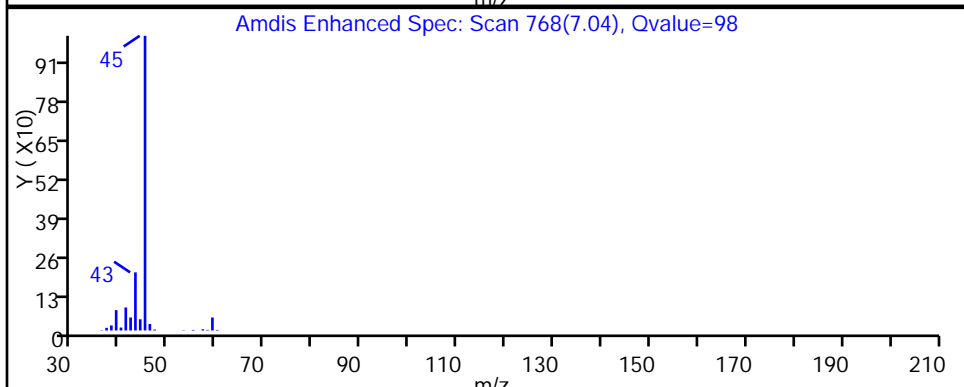
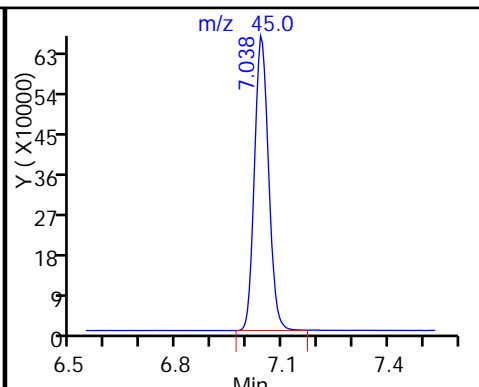
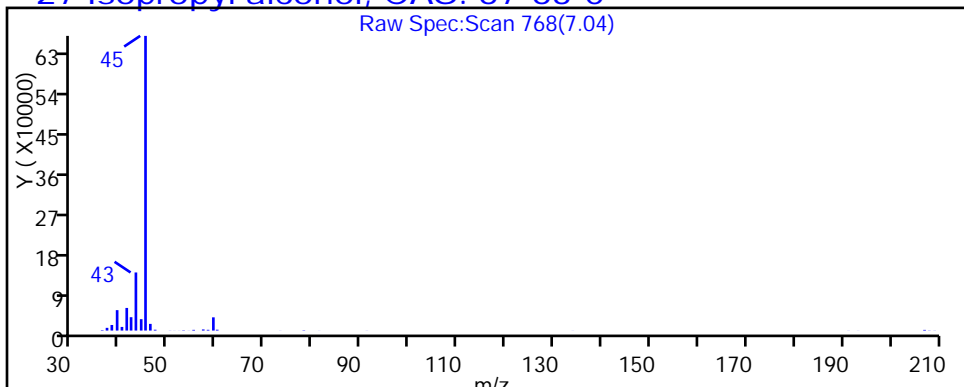
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

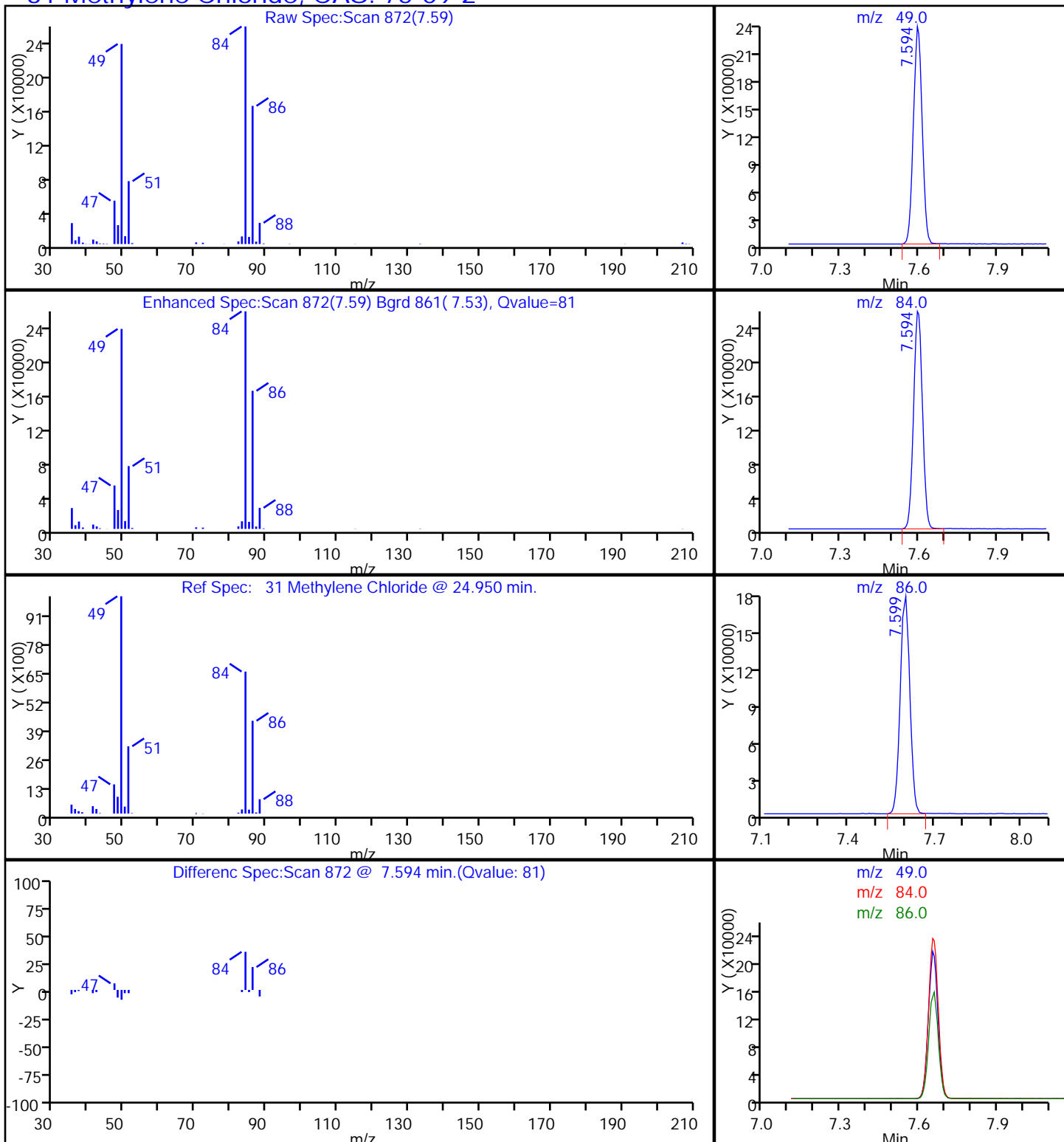
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

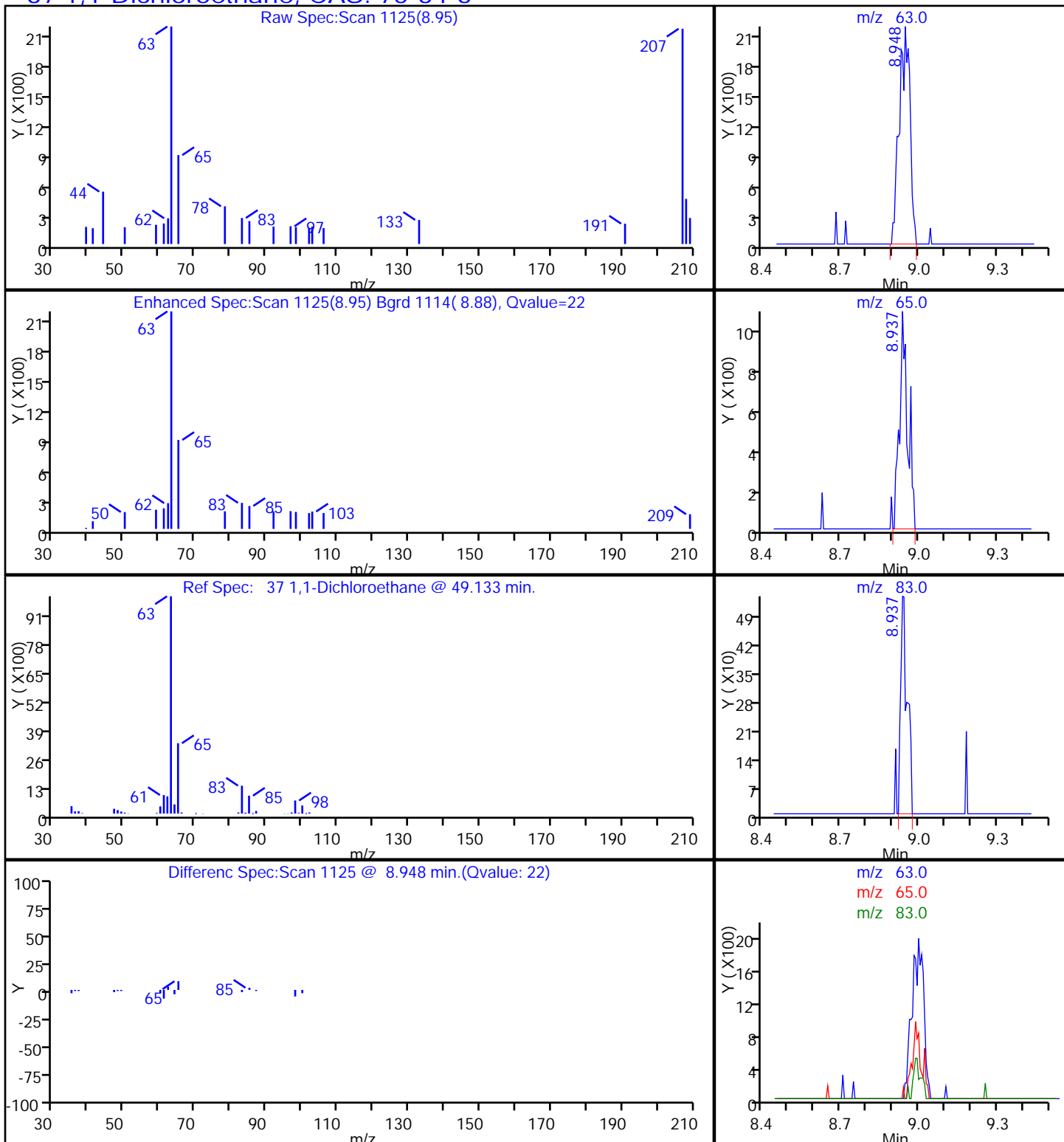
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

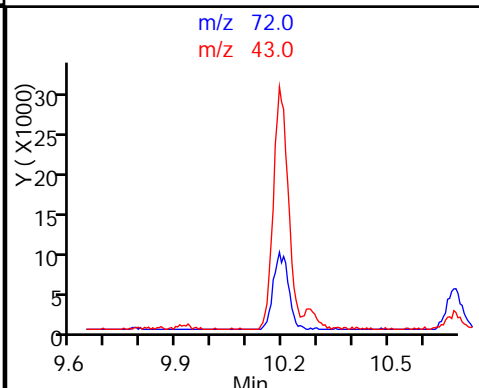
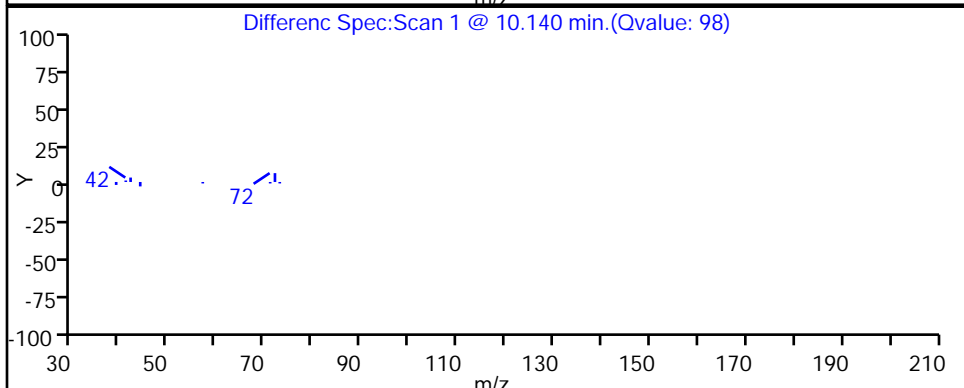
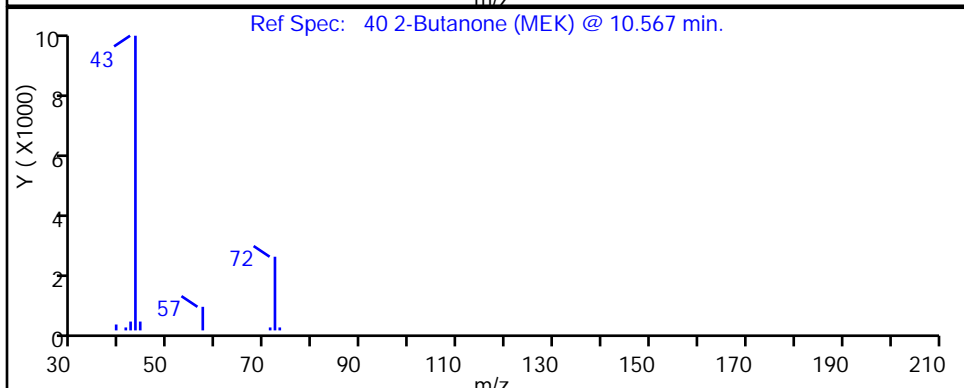
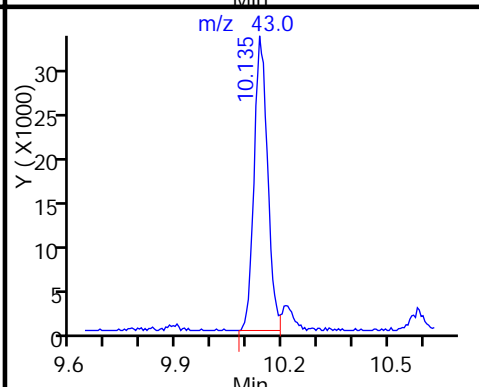
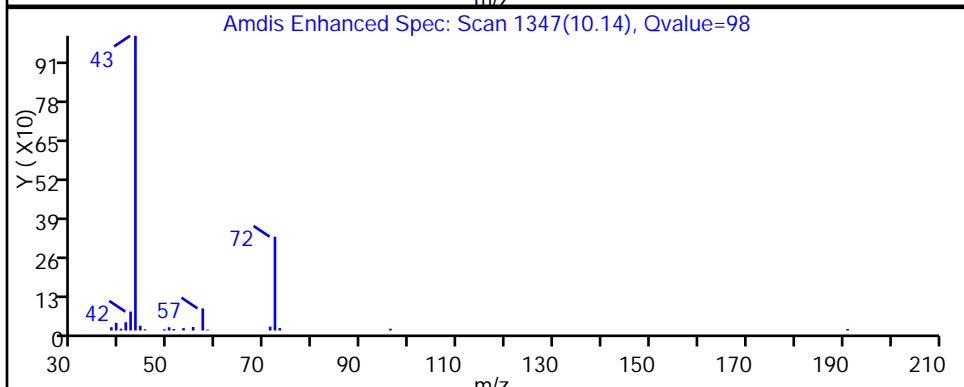
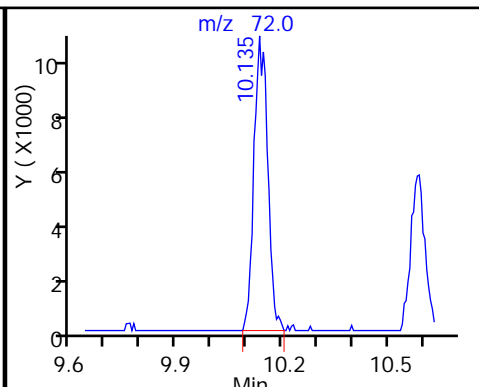
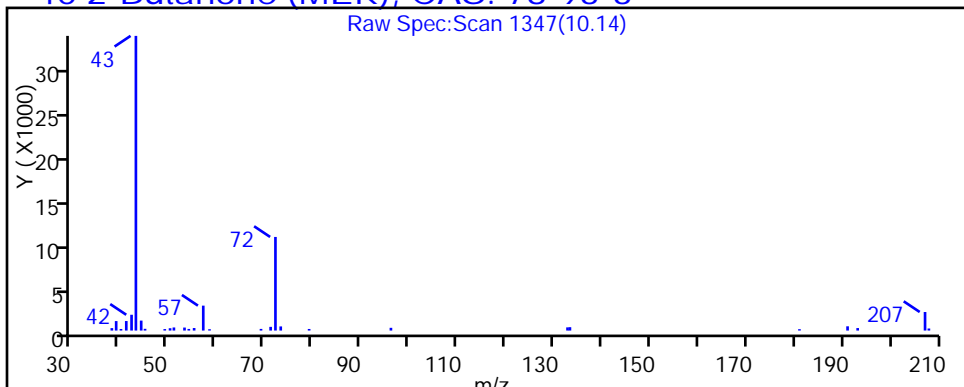
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

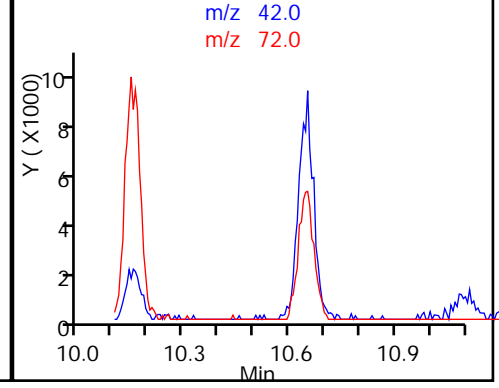
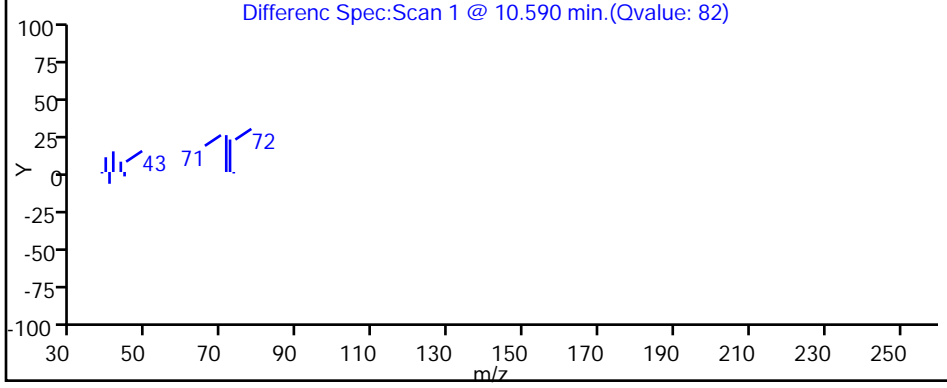
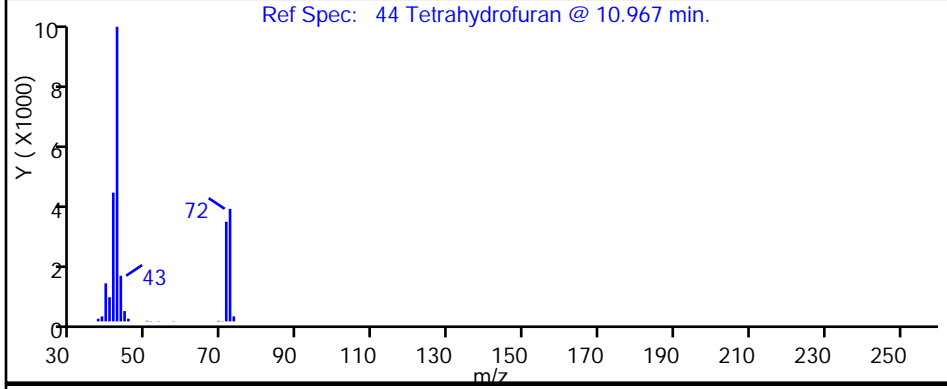
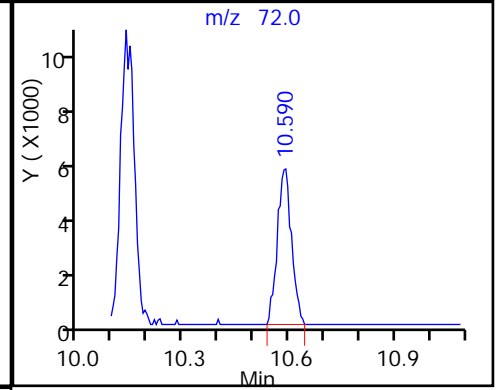
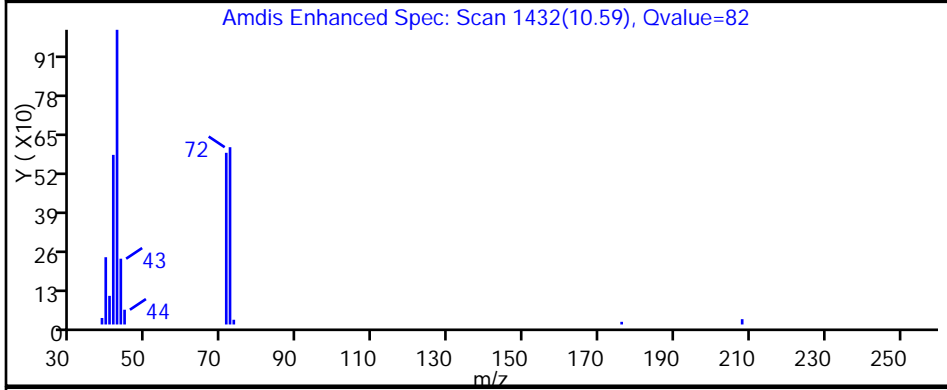
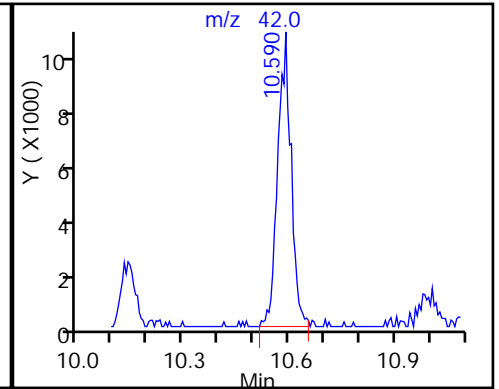
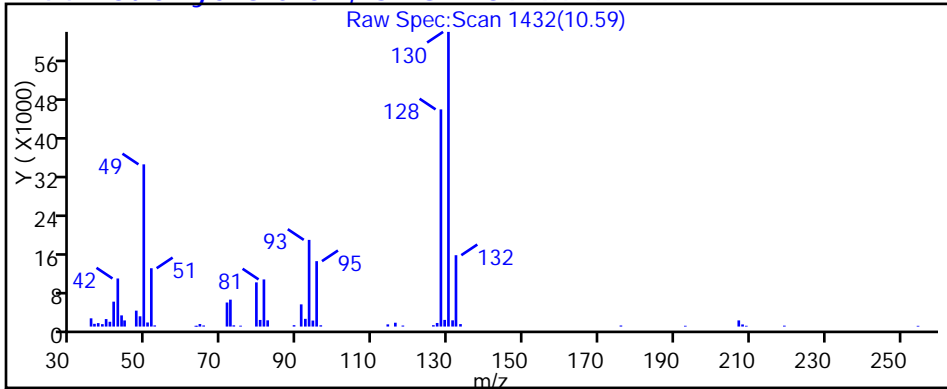
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

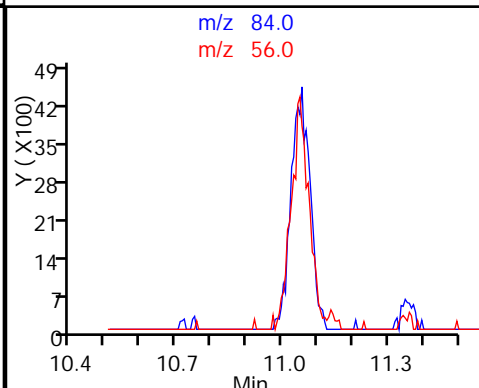
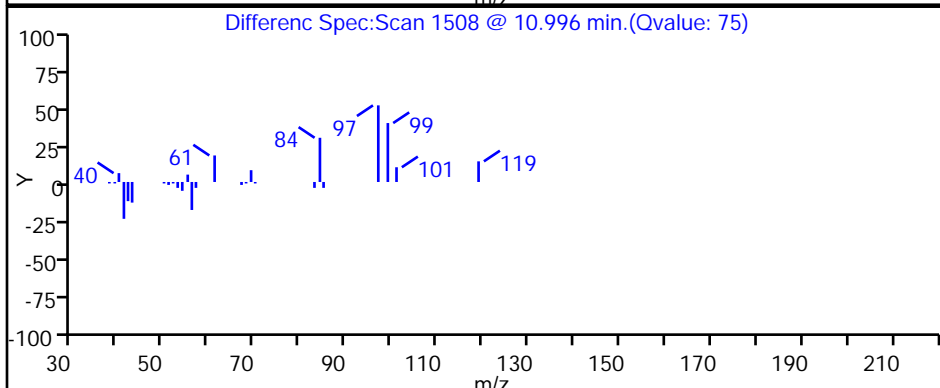
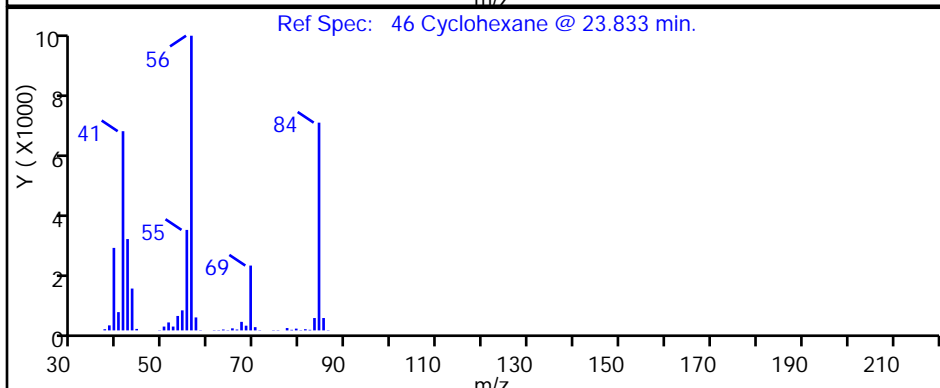
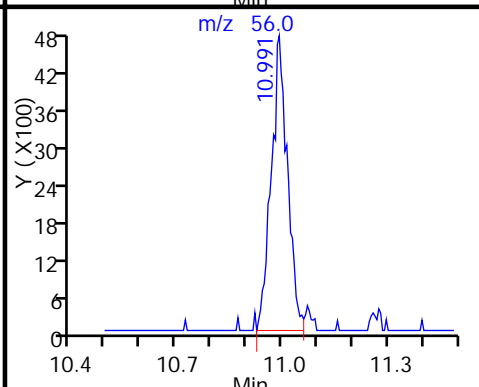
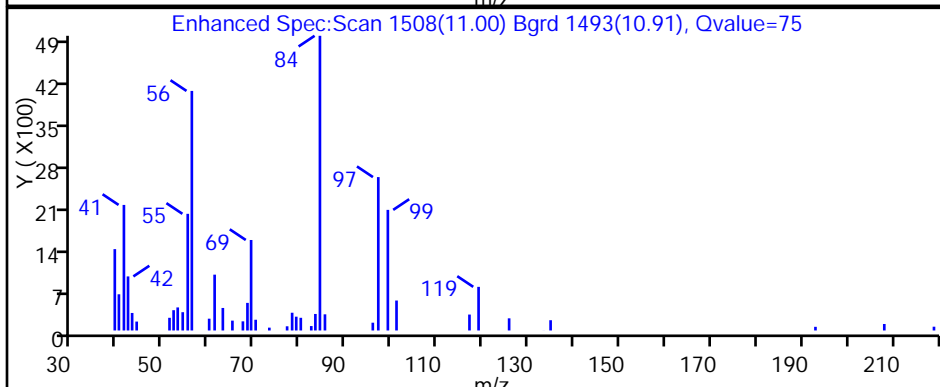
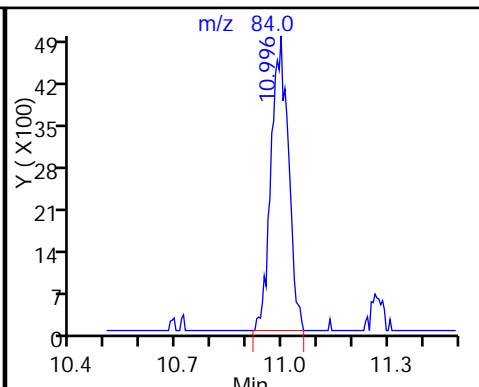
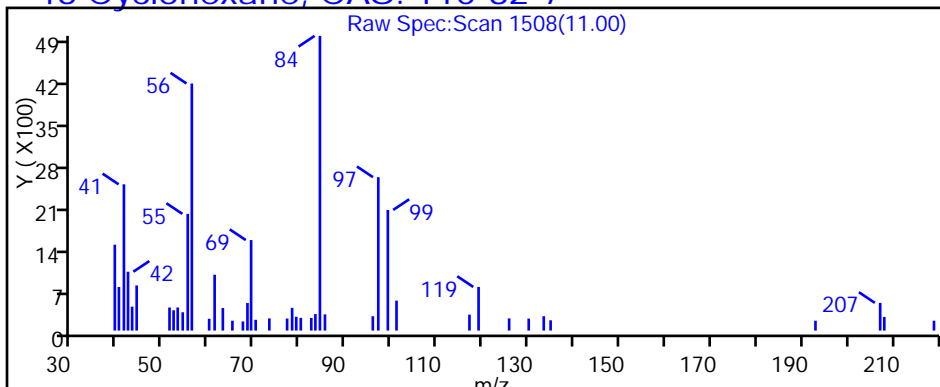
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

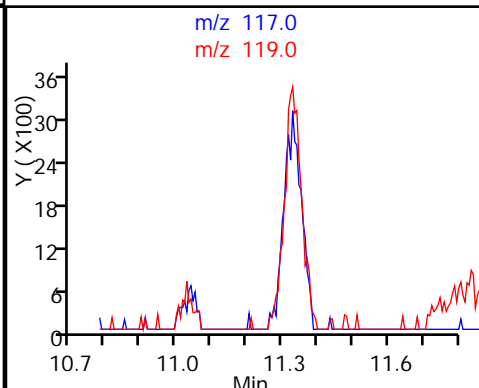
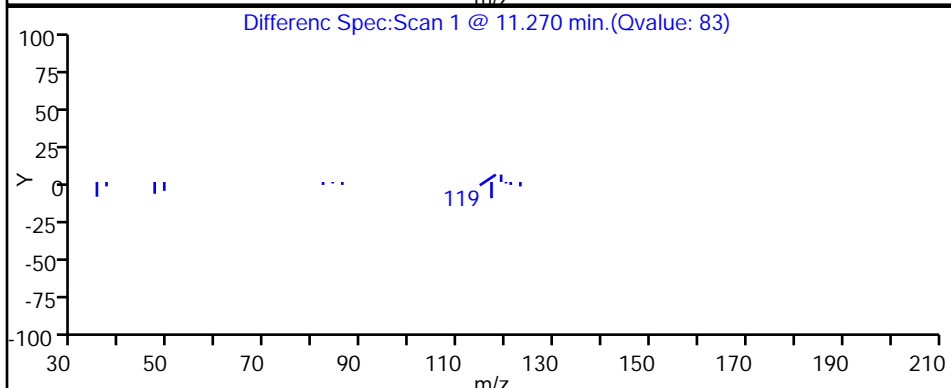
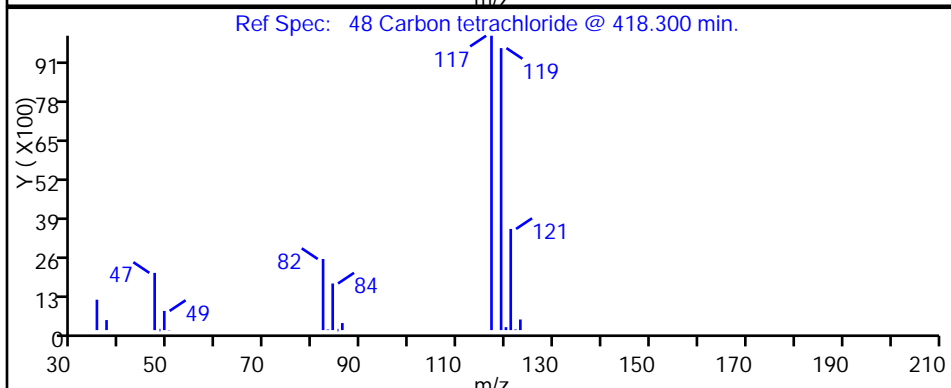
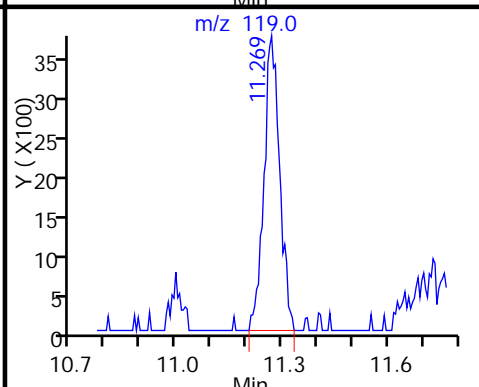
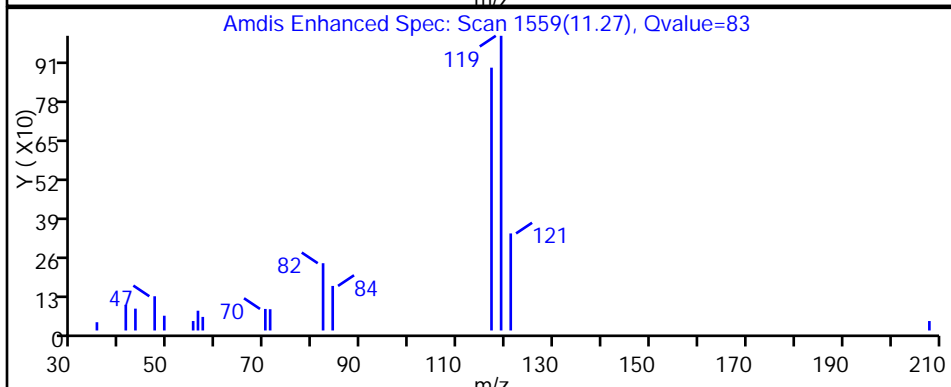
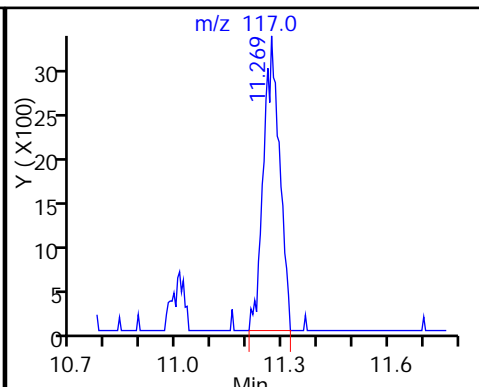
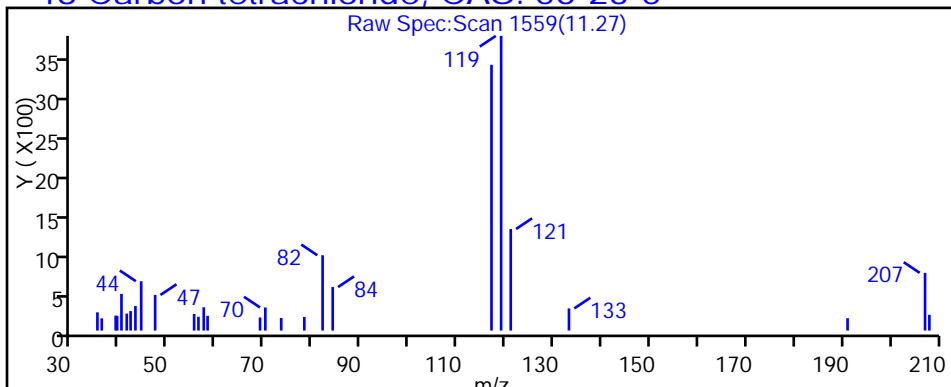
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

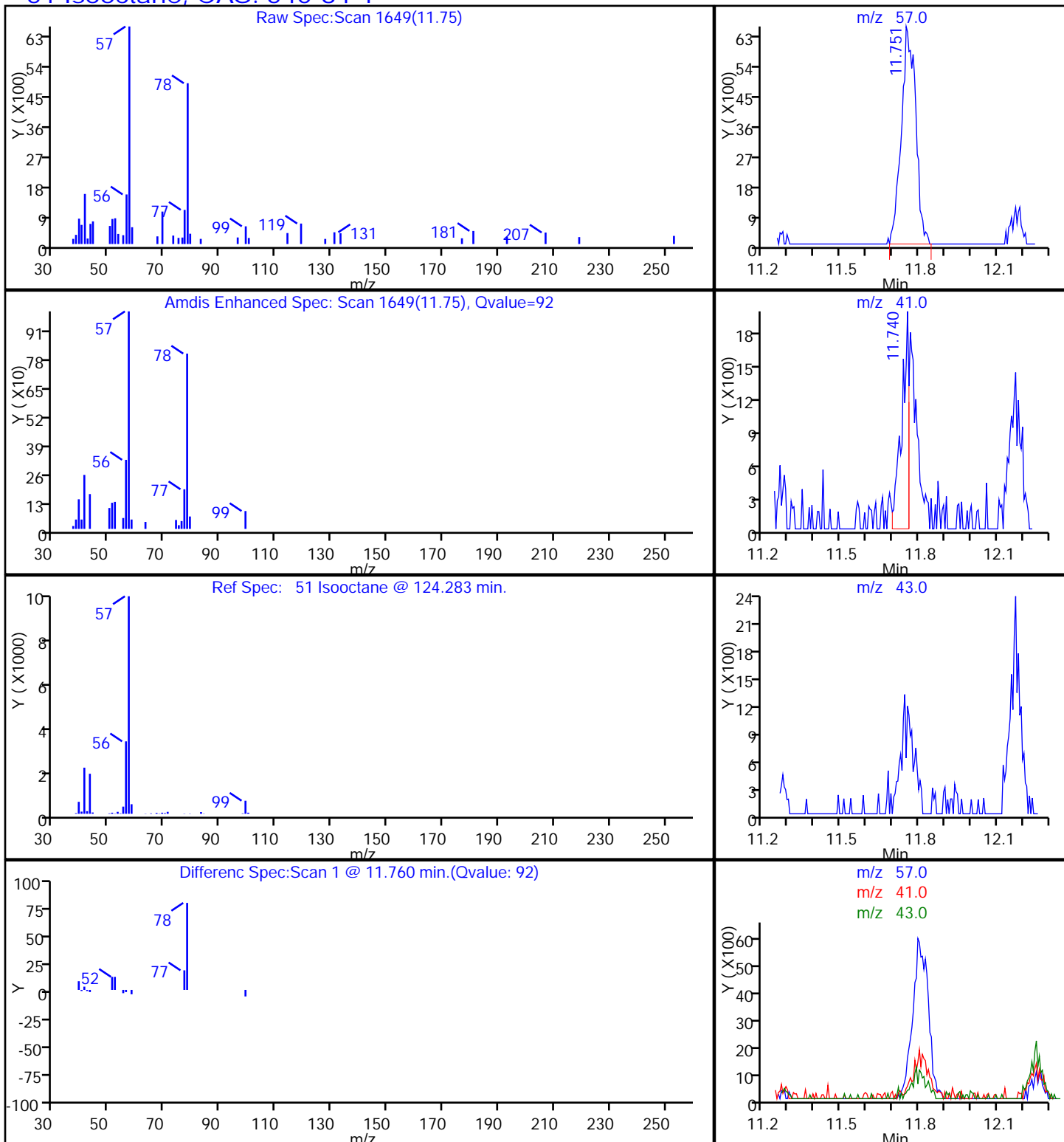
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

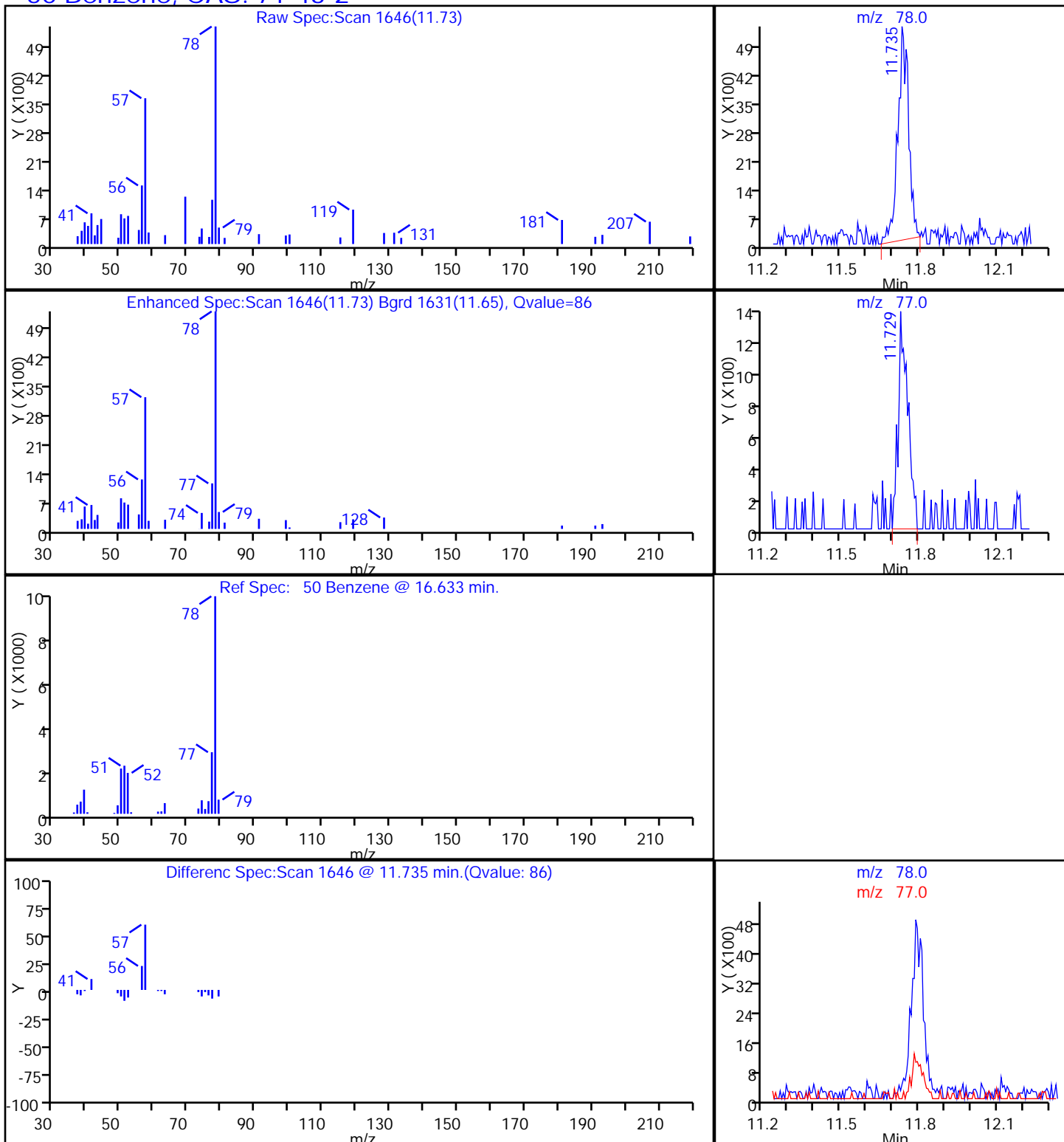
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

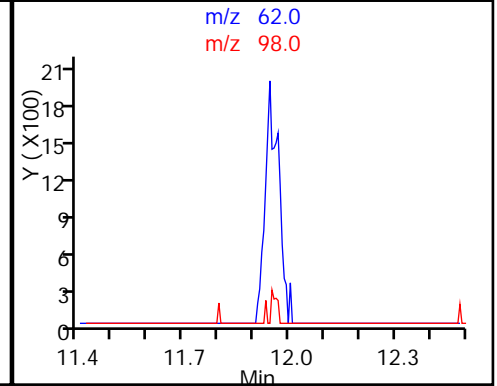
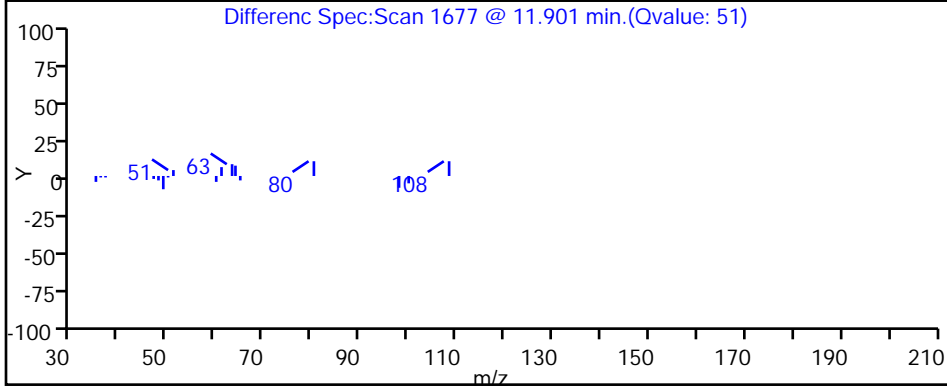
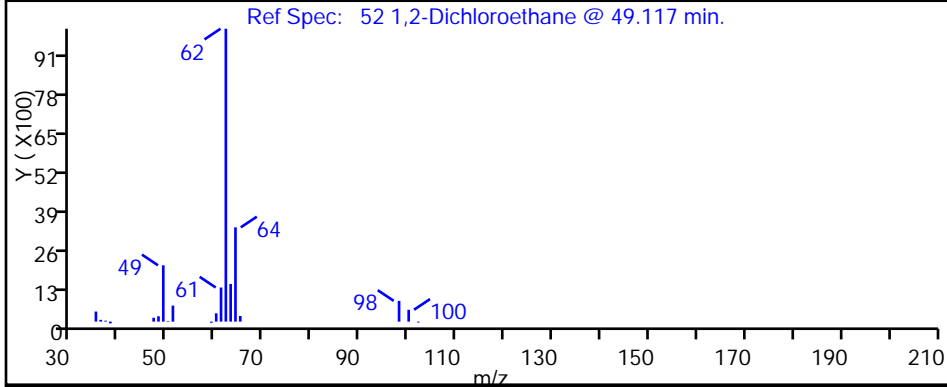
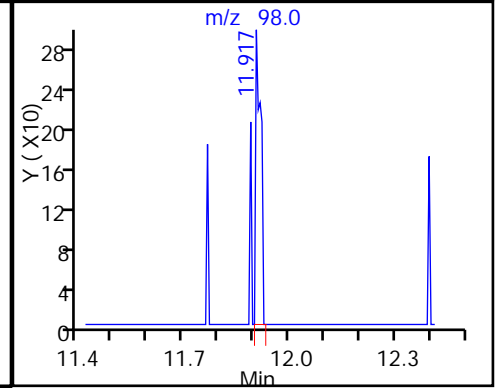
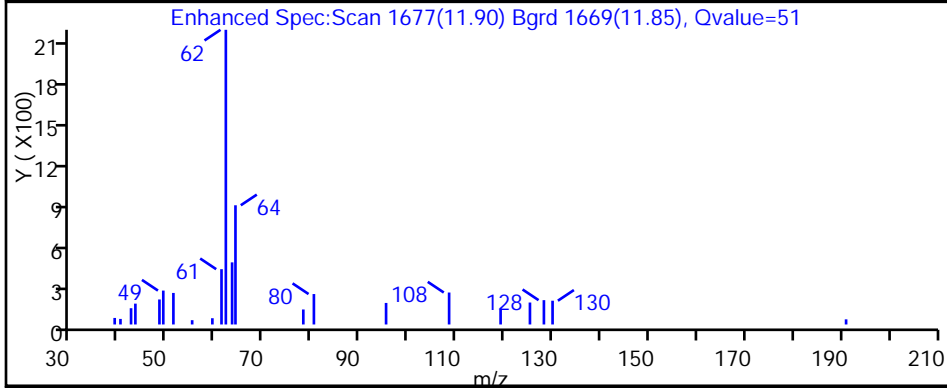
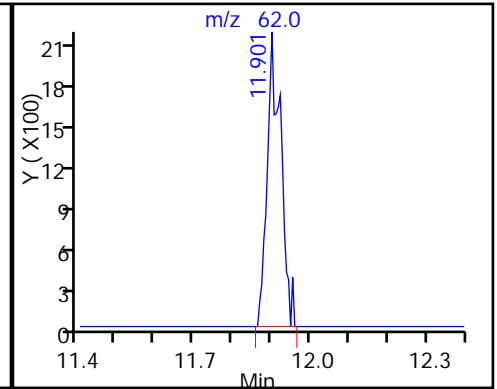
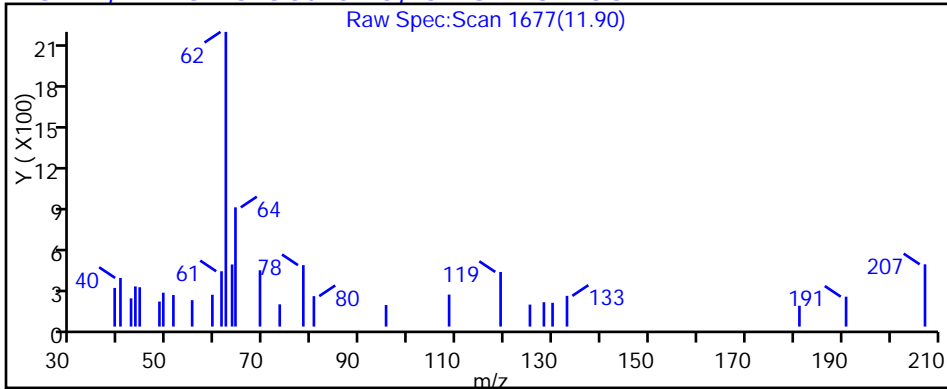
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

52 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

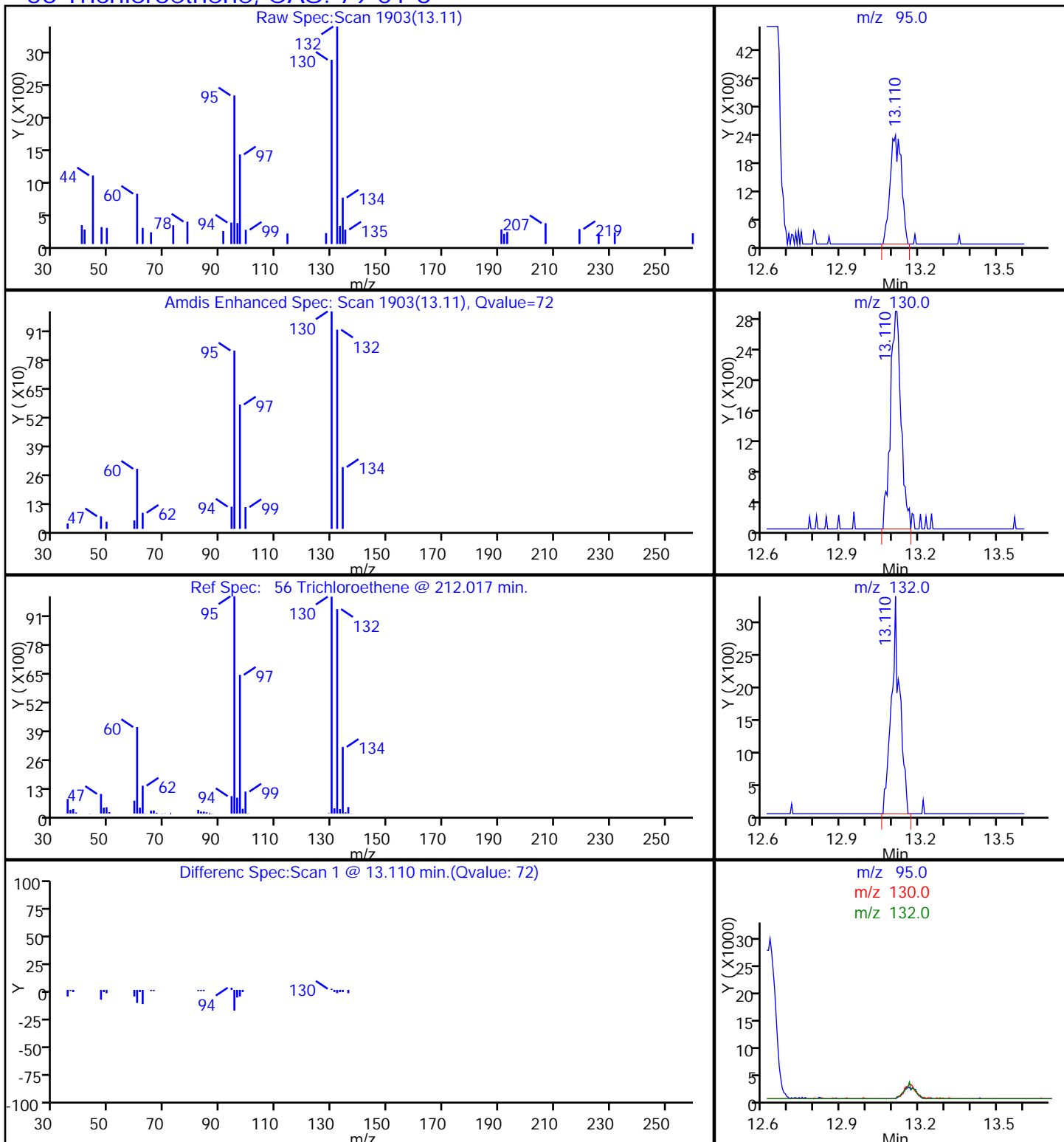
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

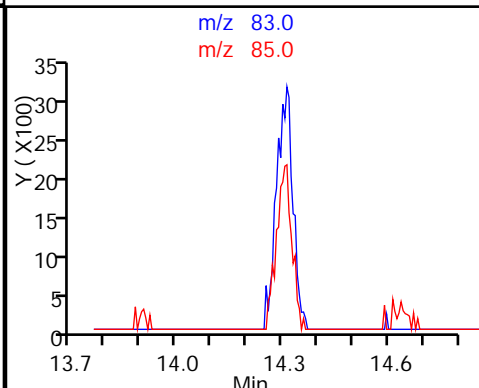
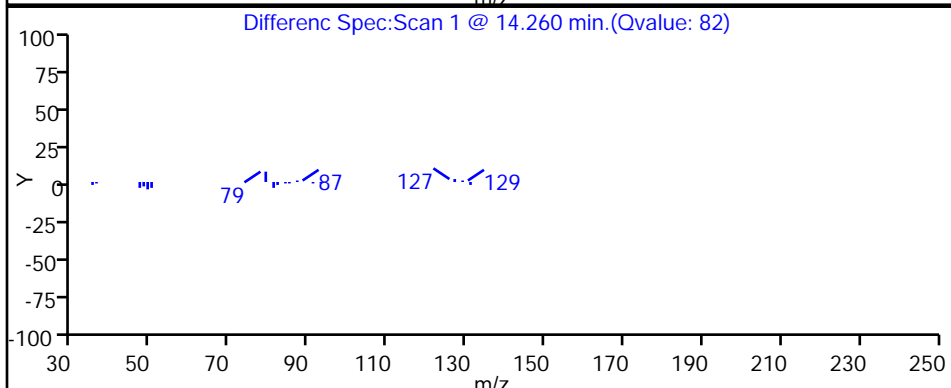
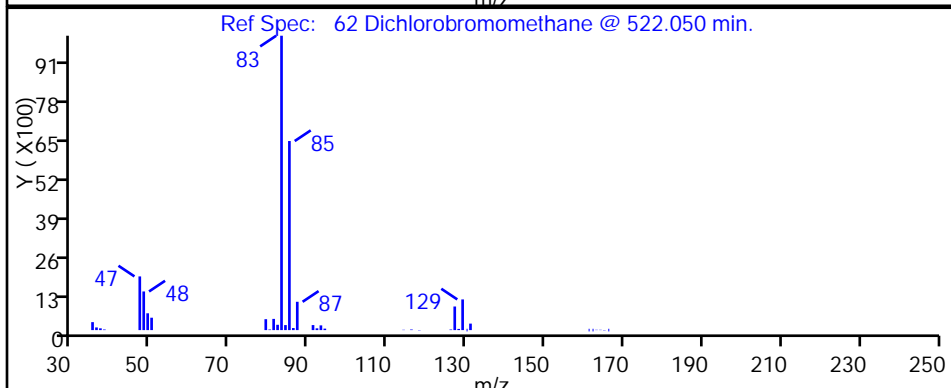
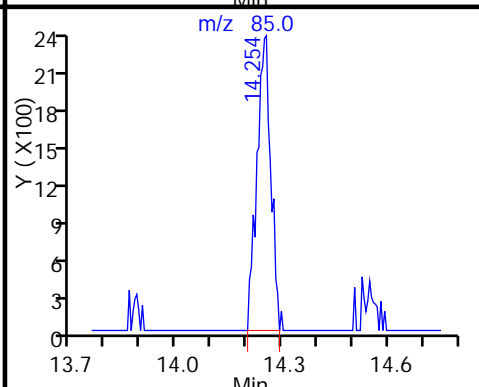
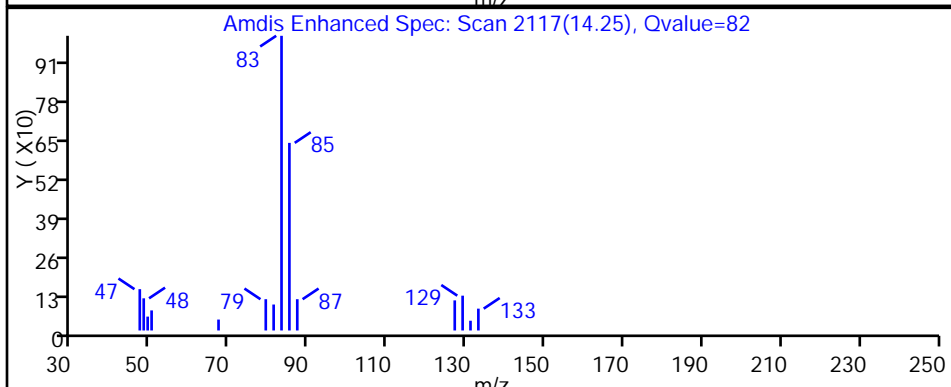
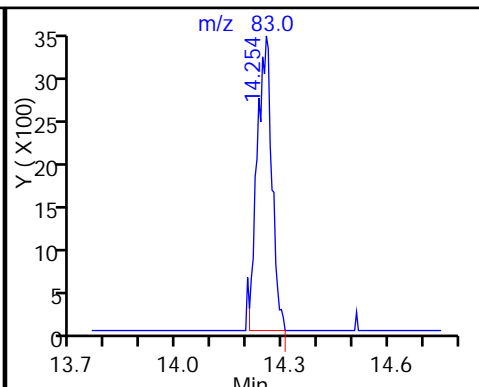
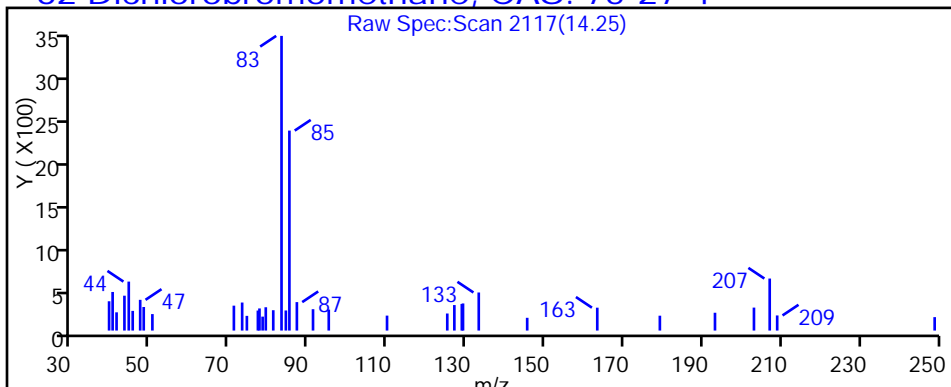
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

62 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

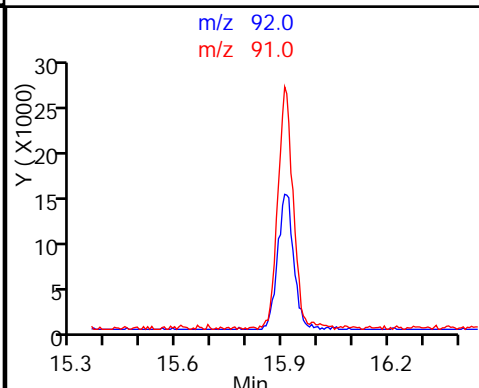
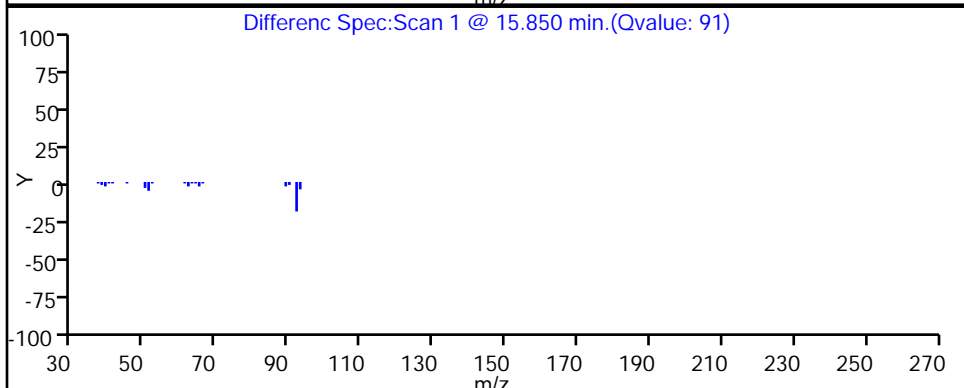
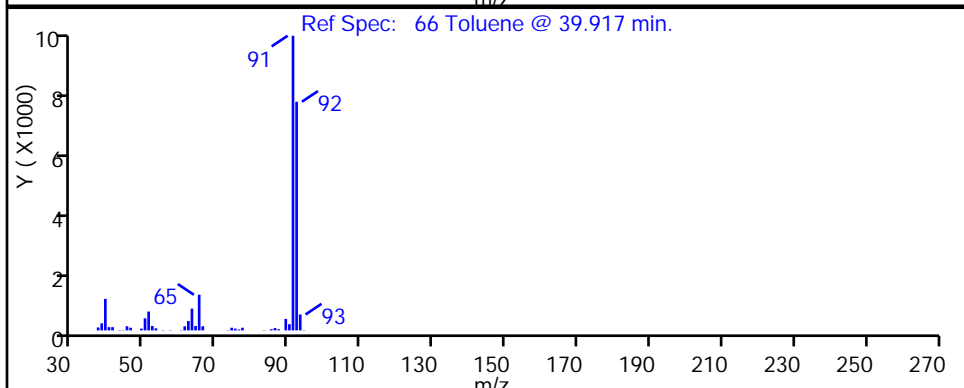
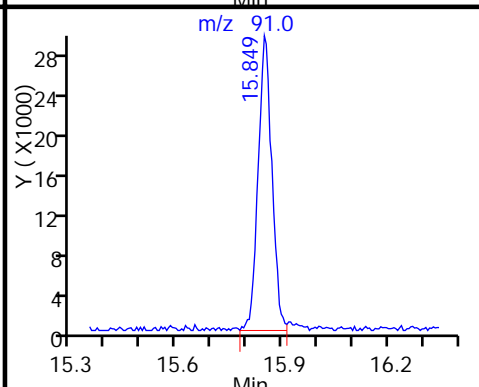
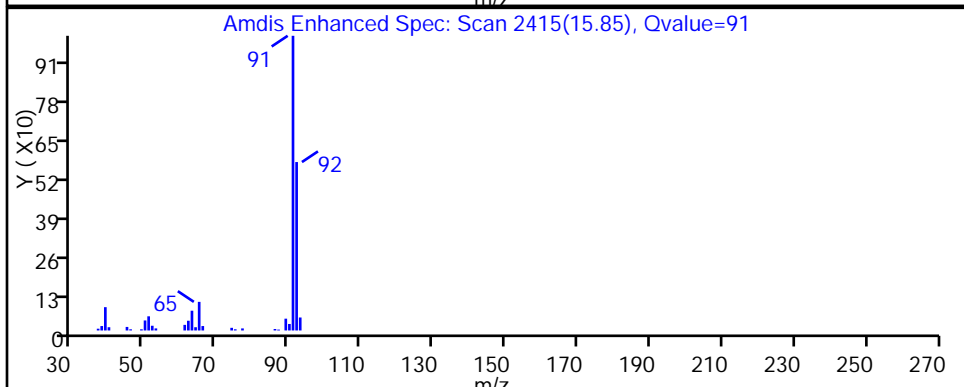
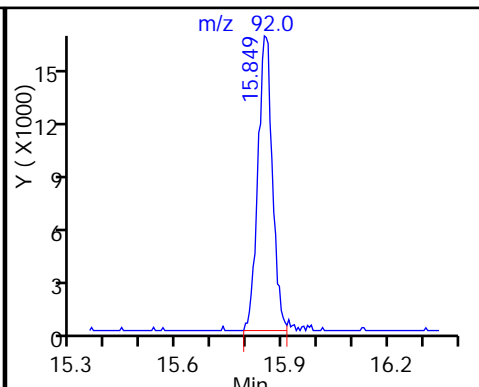
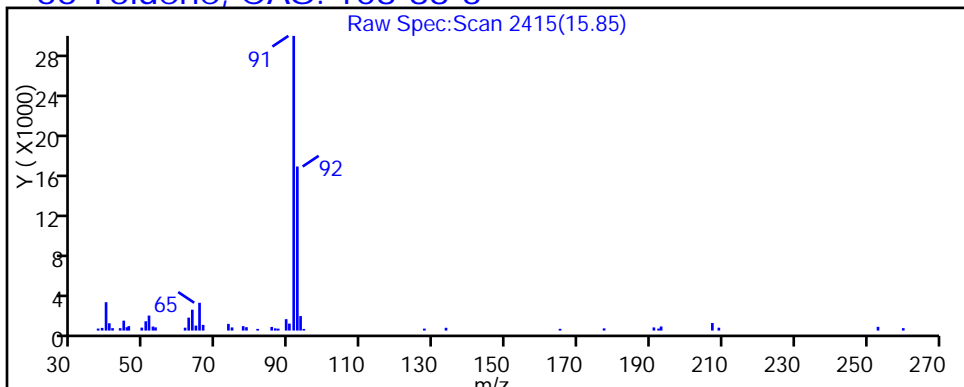
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

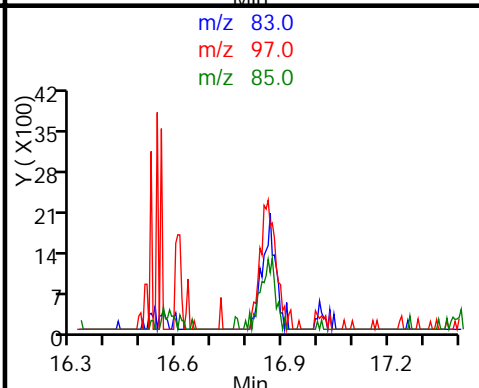
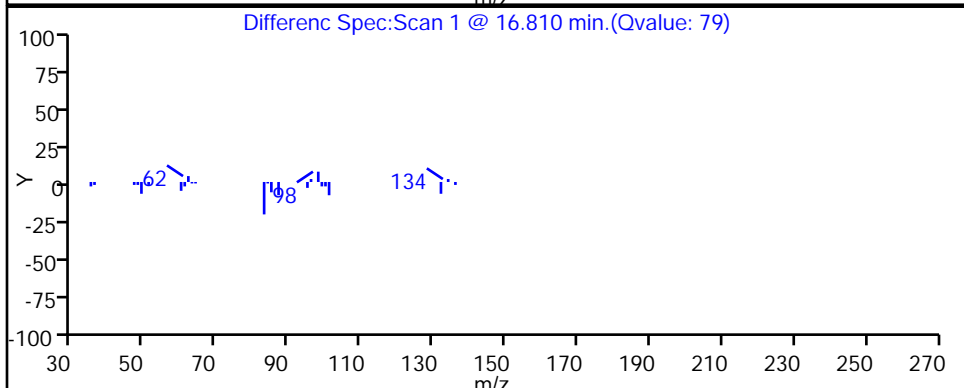
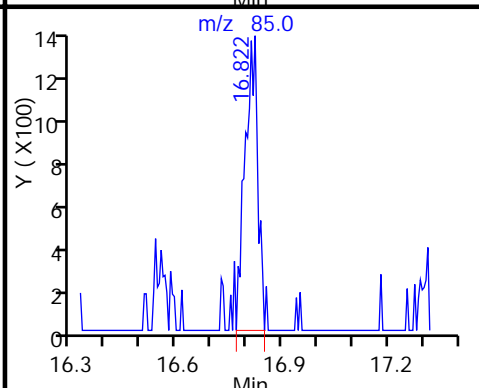
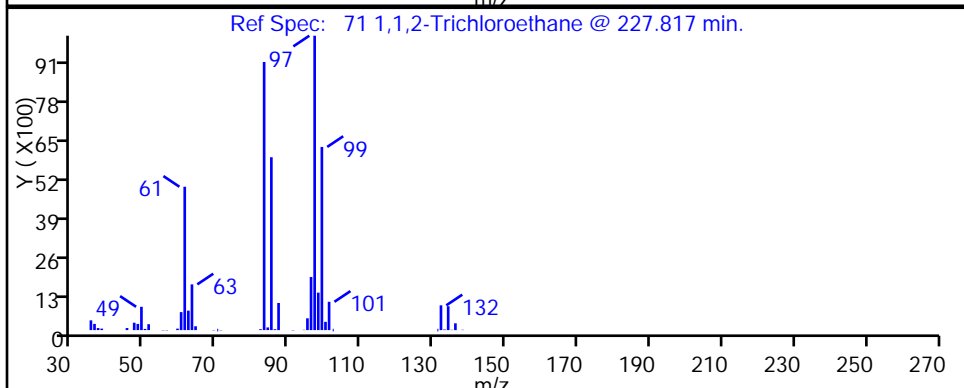
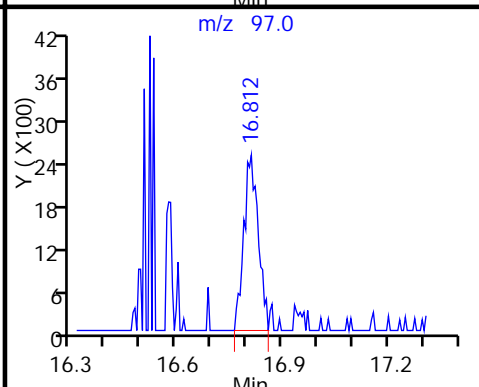
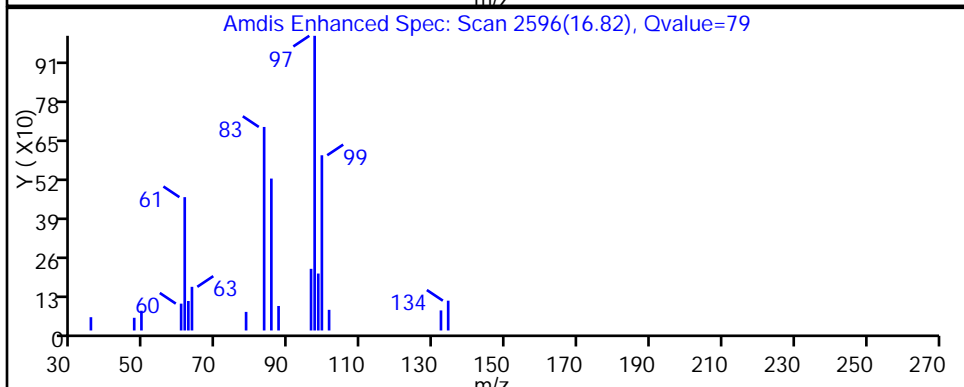
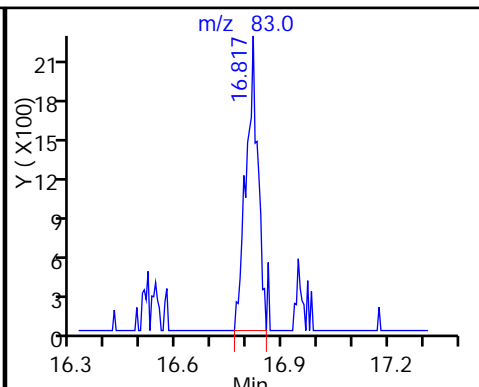
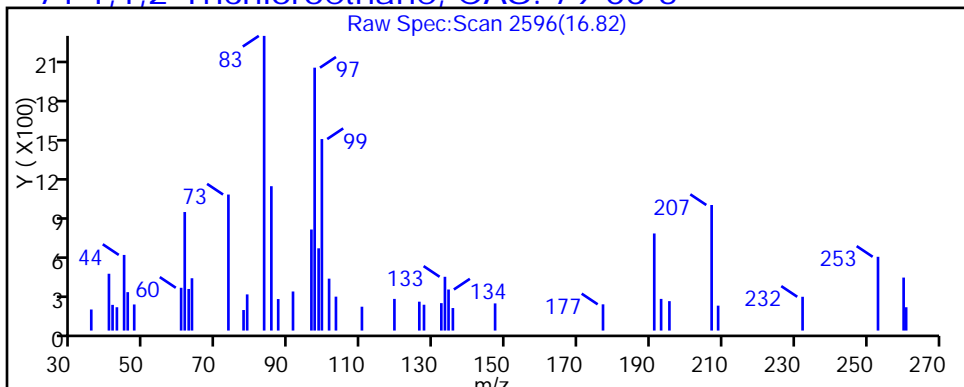
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

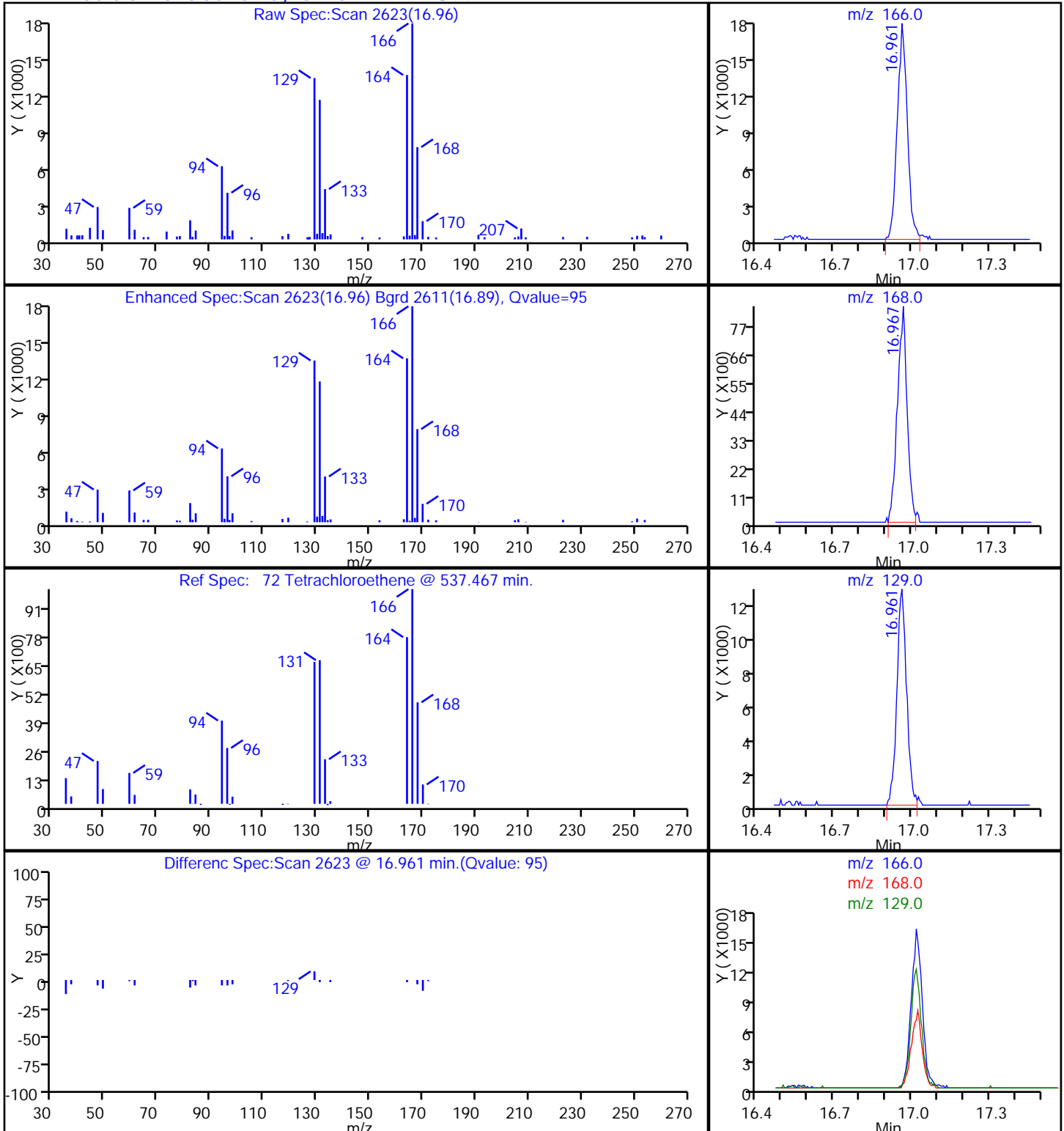
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

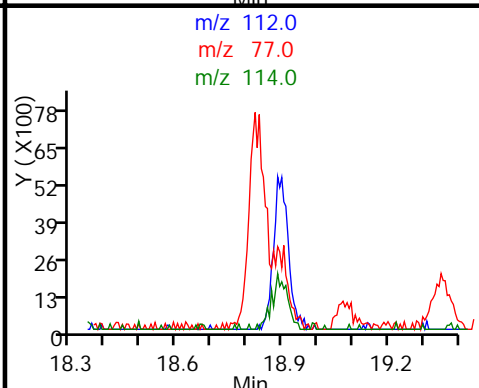
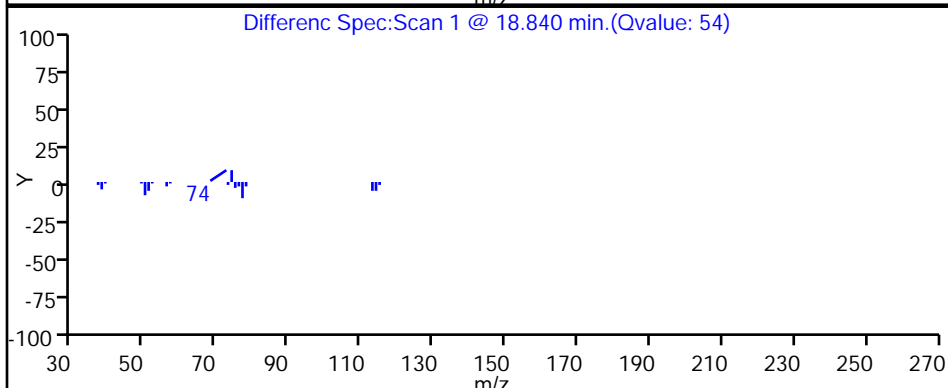
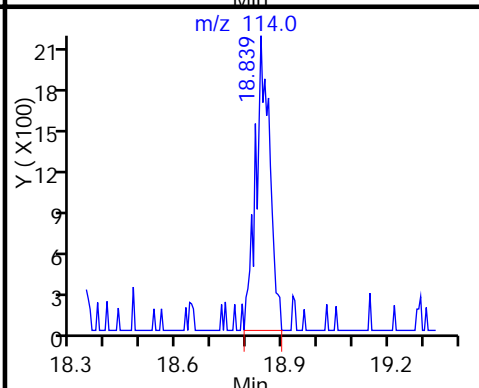
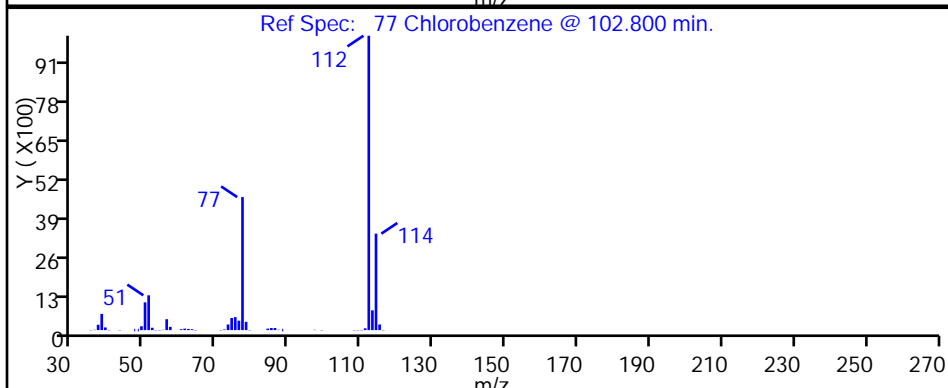
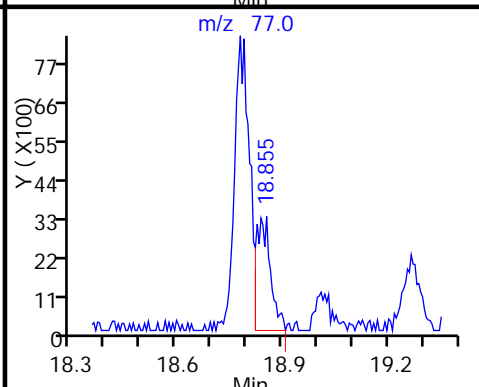
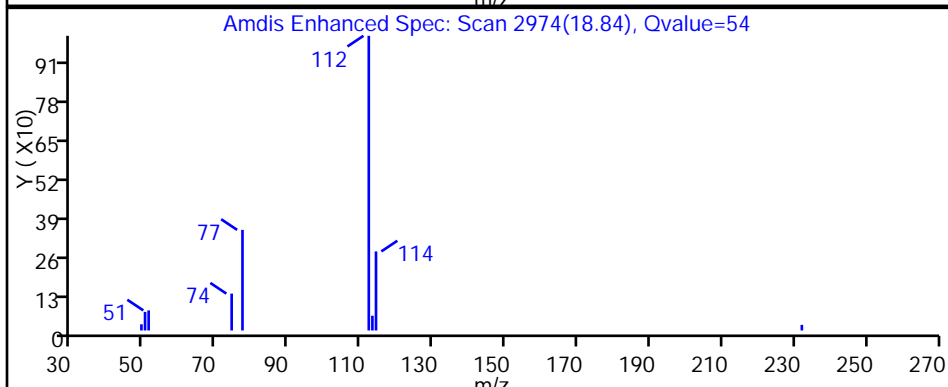
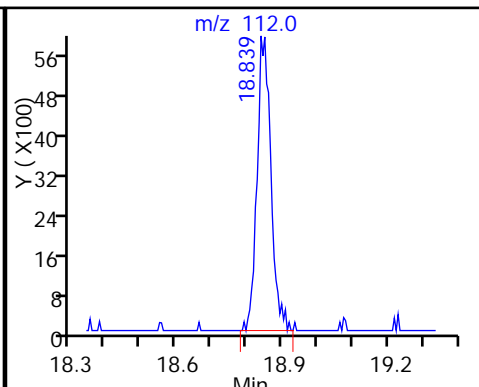
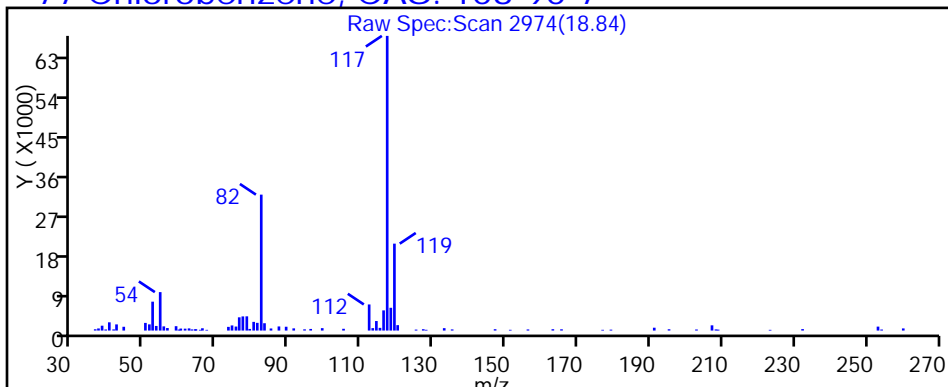
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

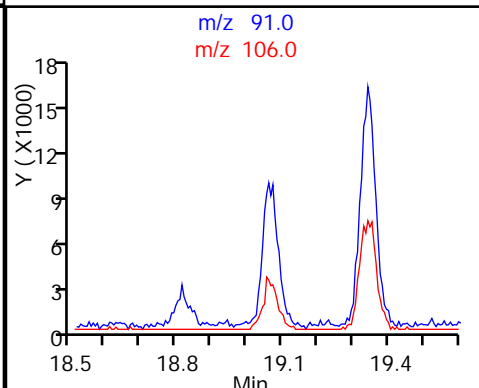
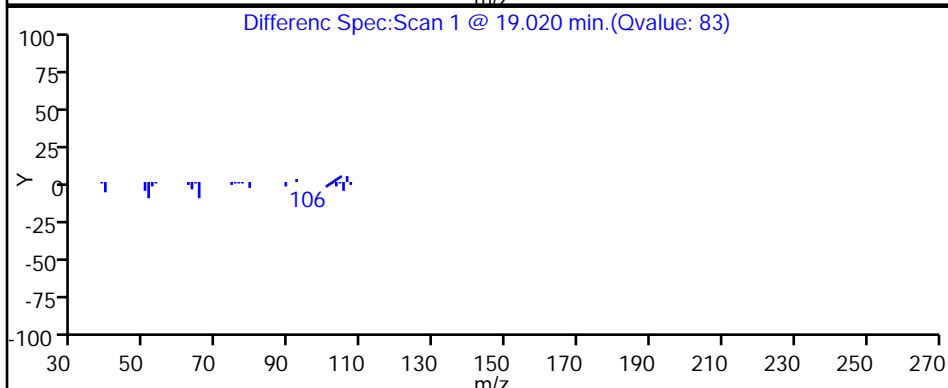
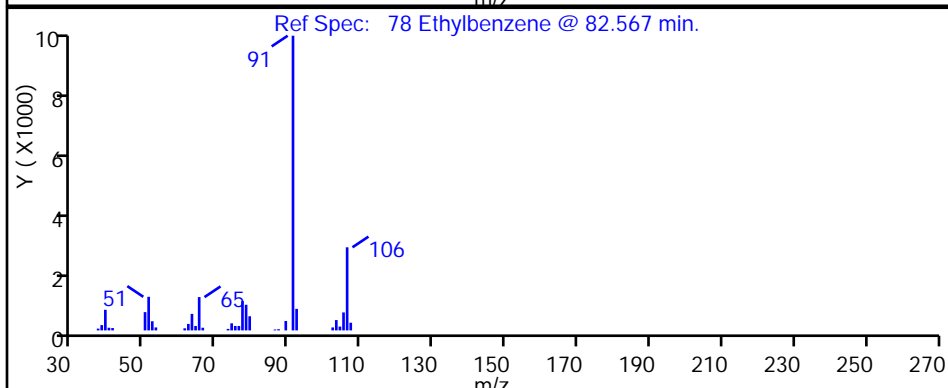
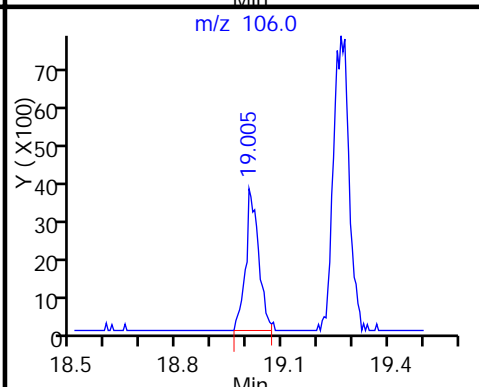
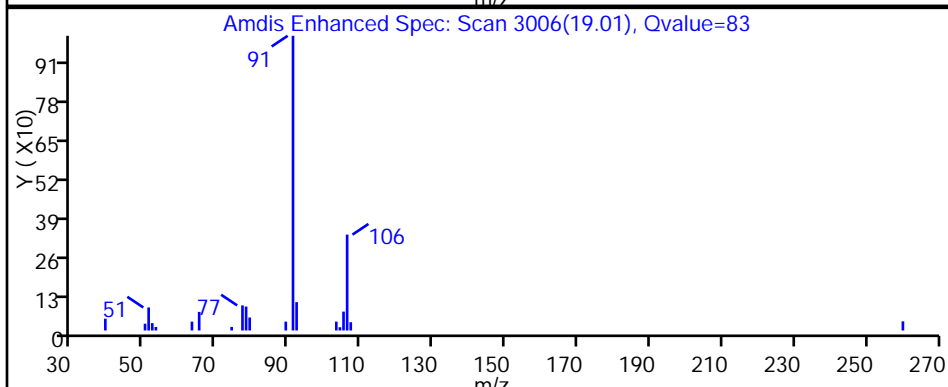
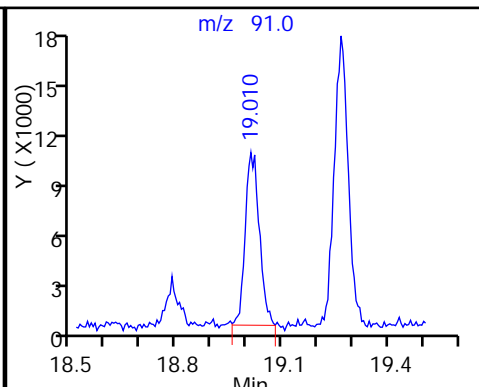
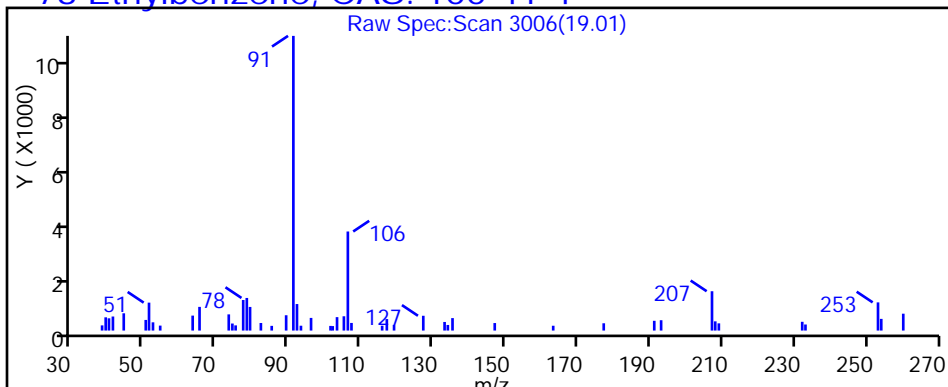
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

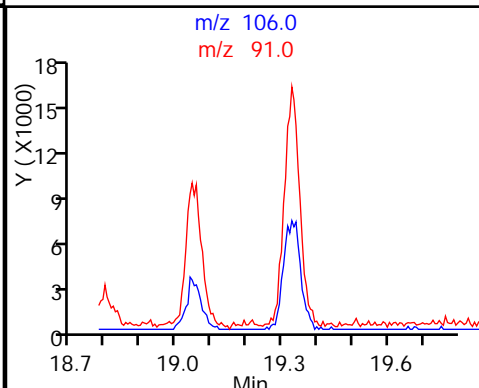
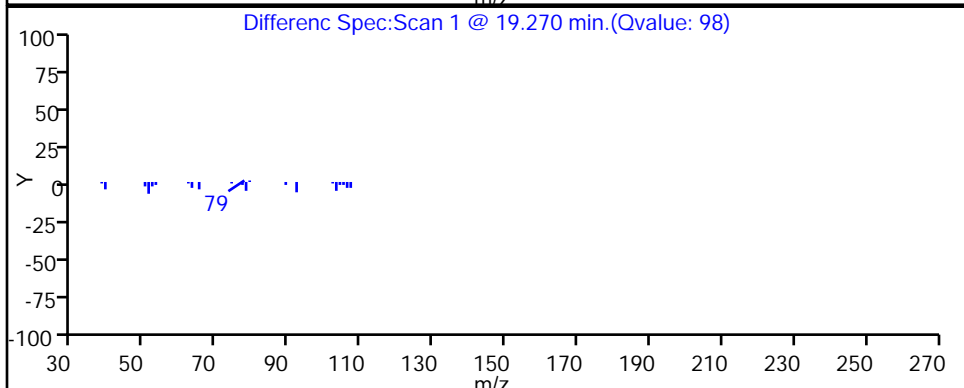
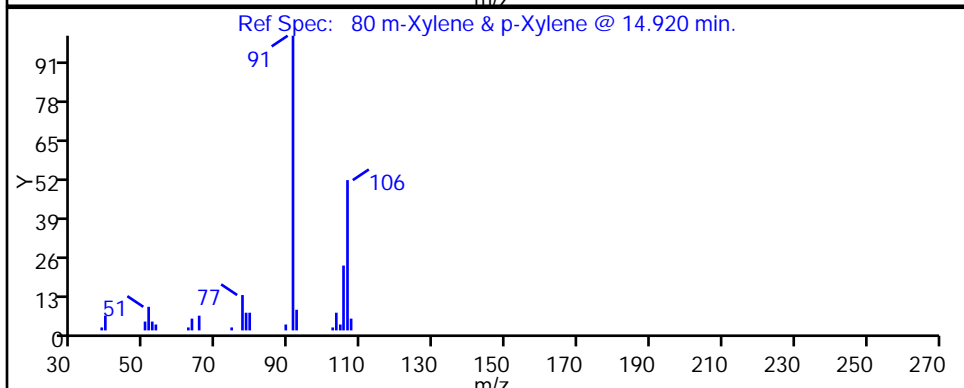
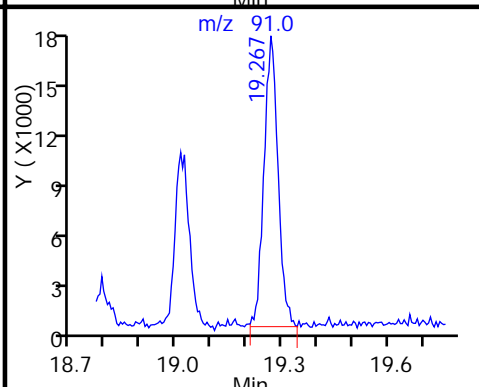
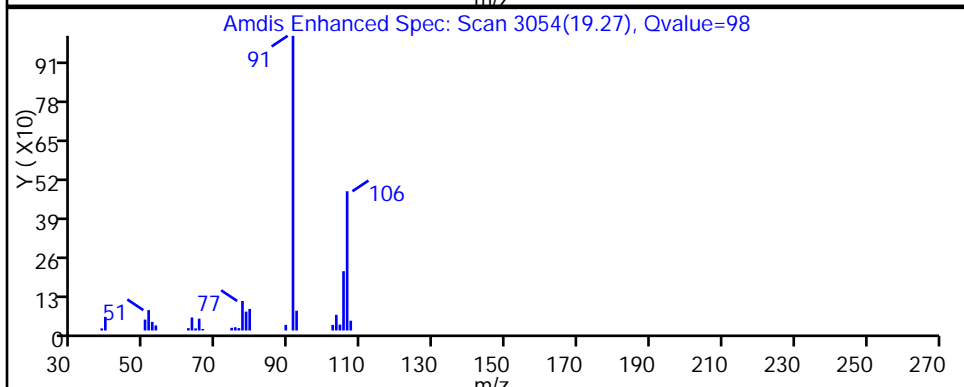
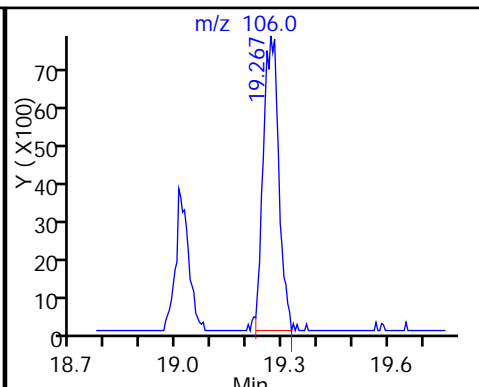
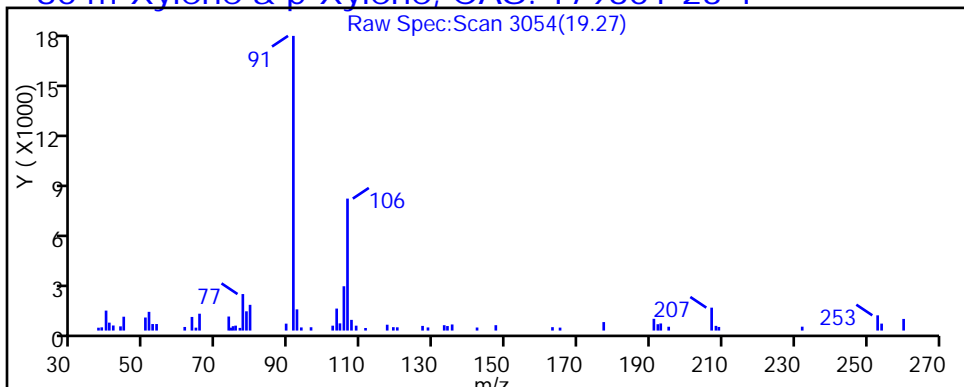
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

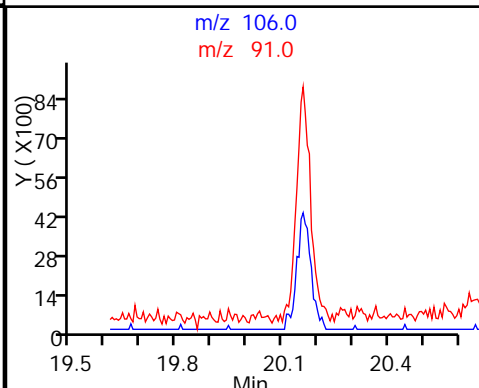
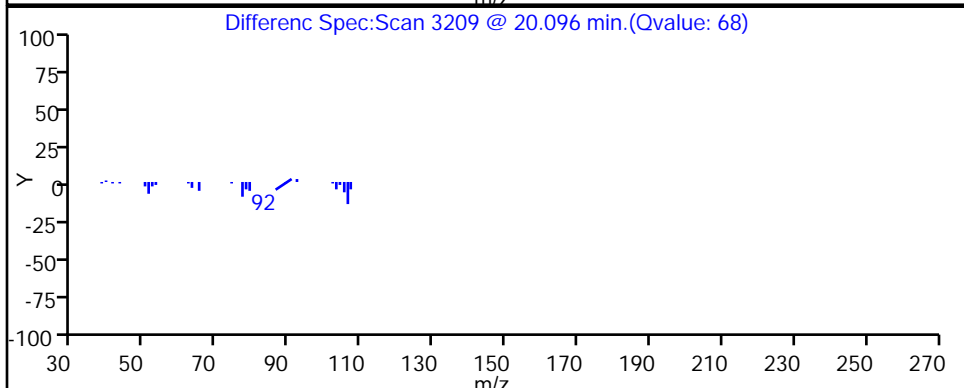
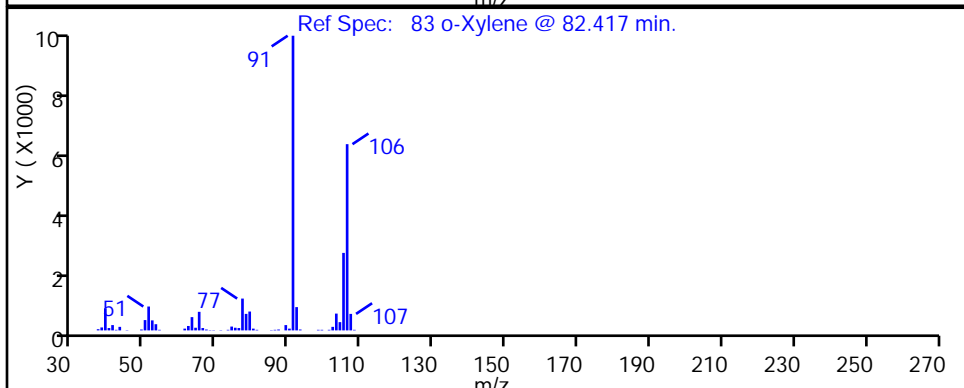
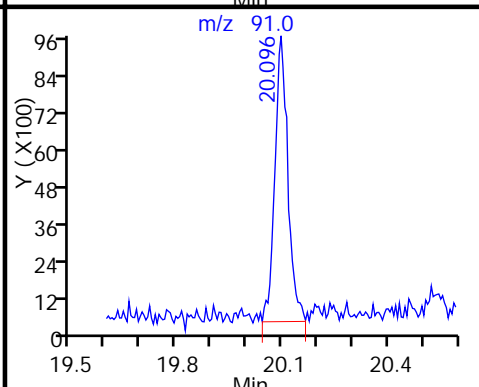
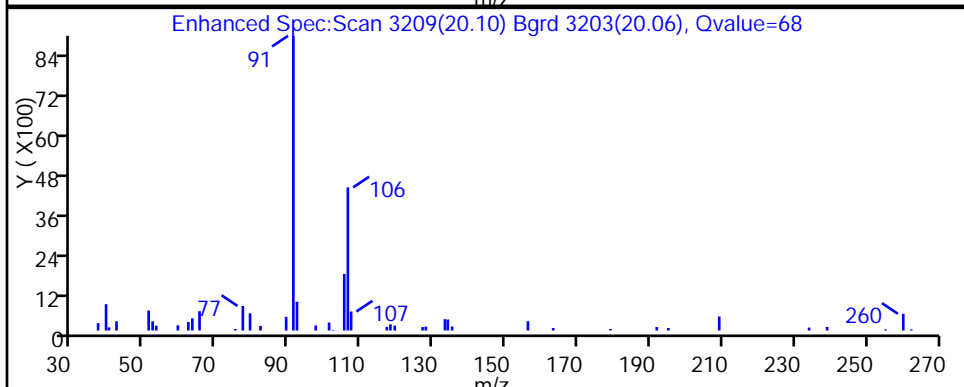
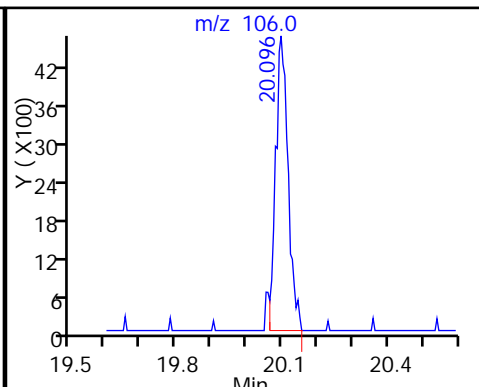
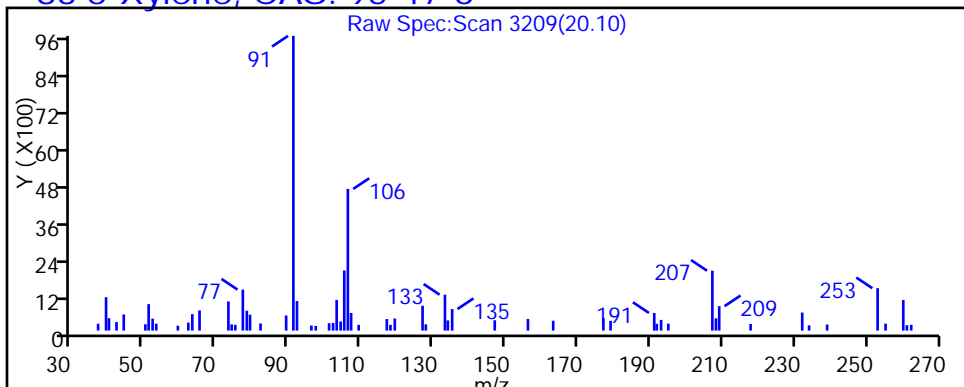
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

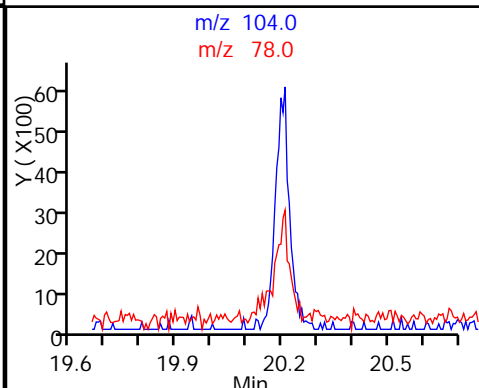
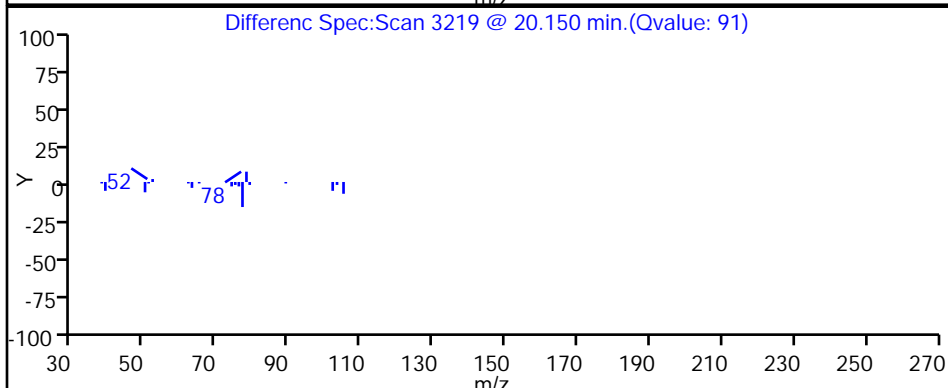
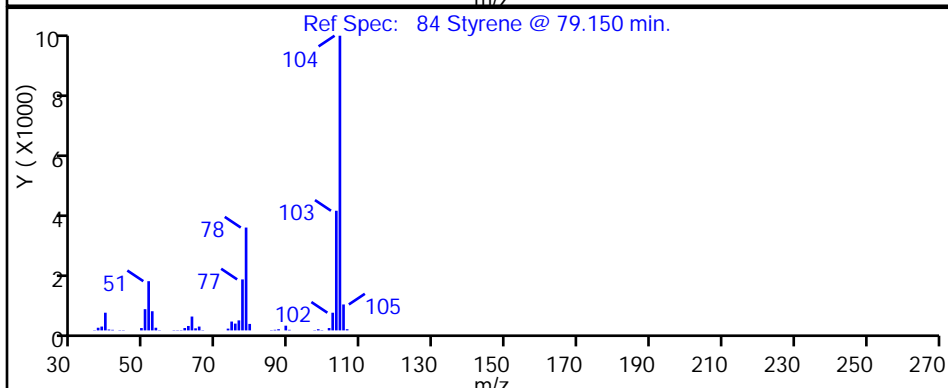
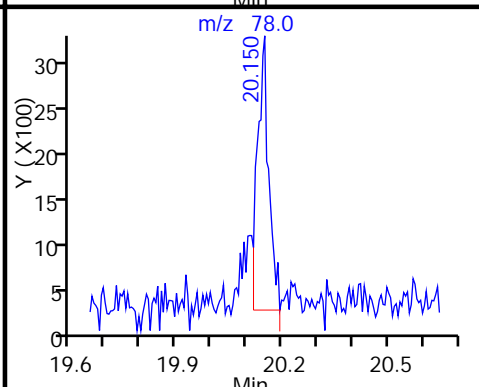
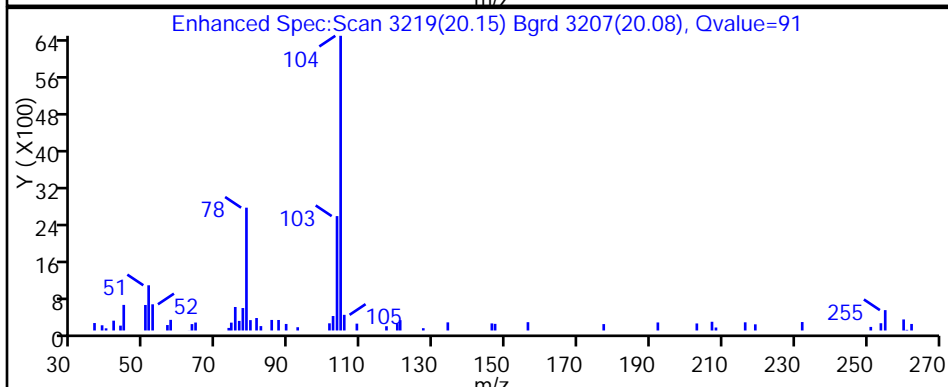
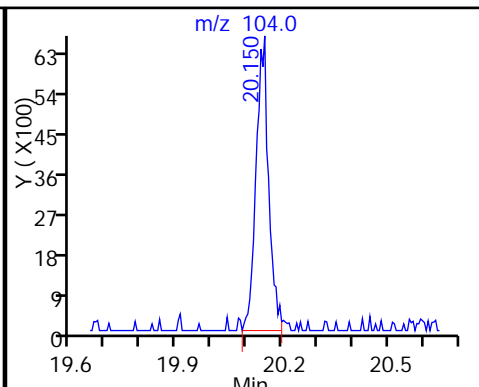
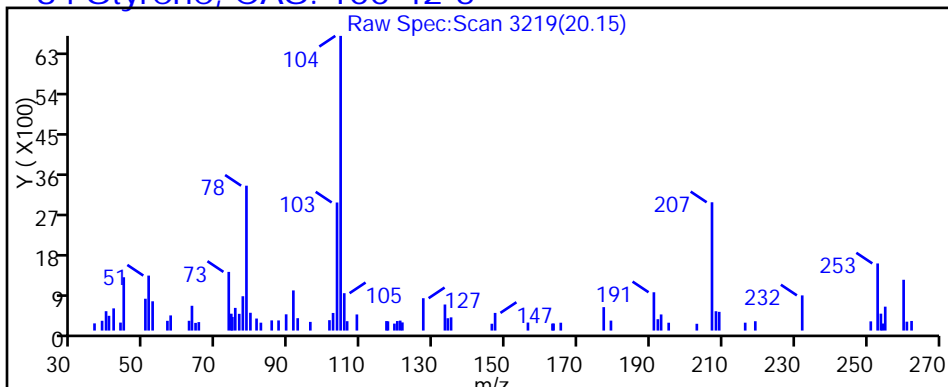
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

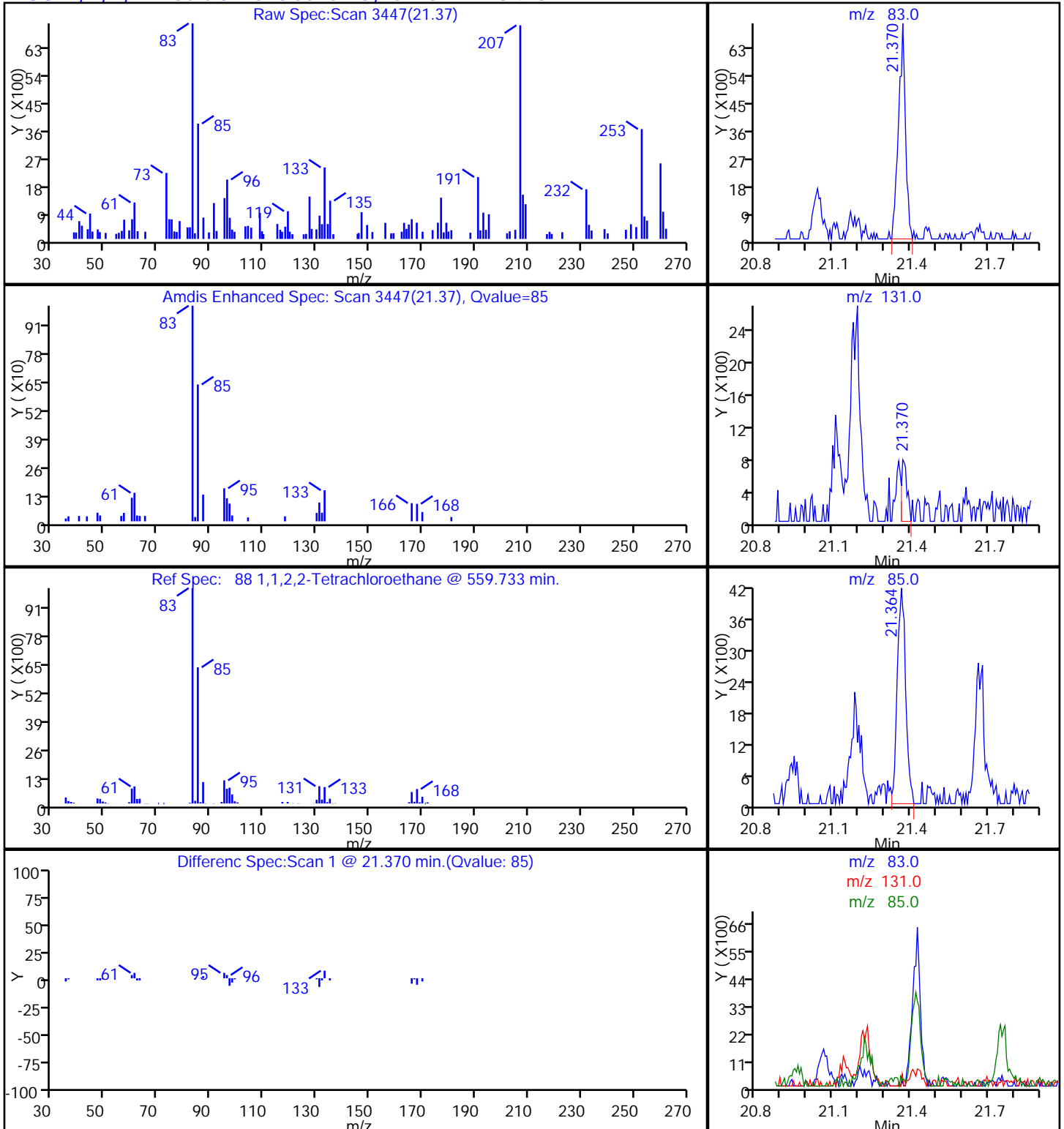
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

88 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

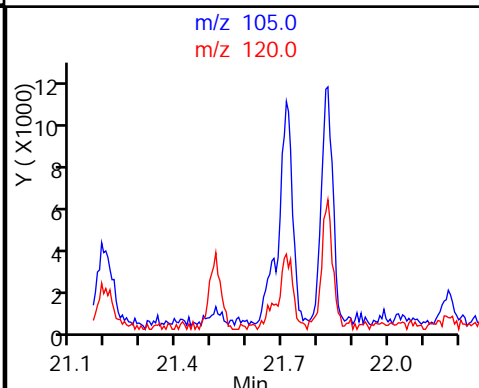
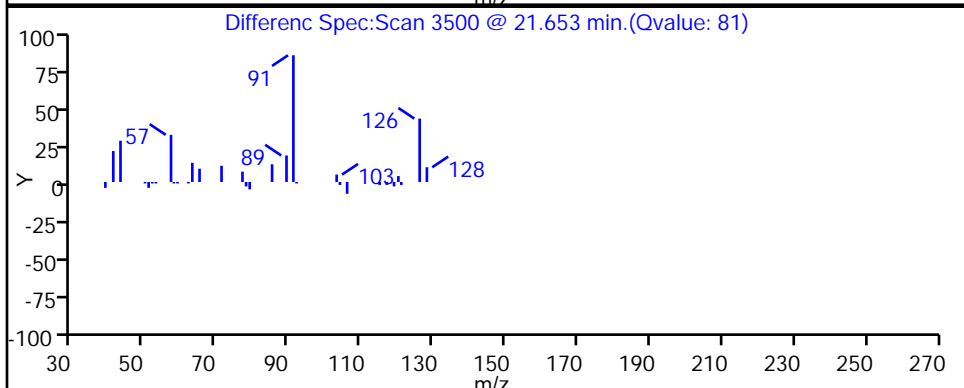
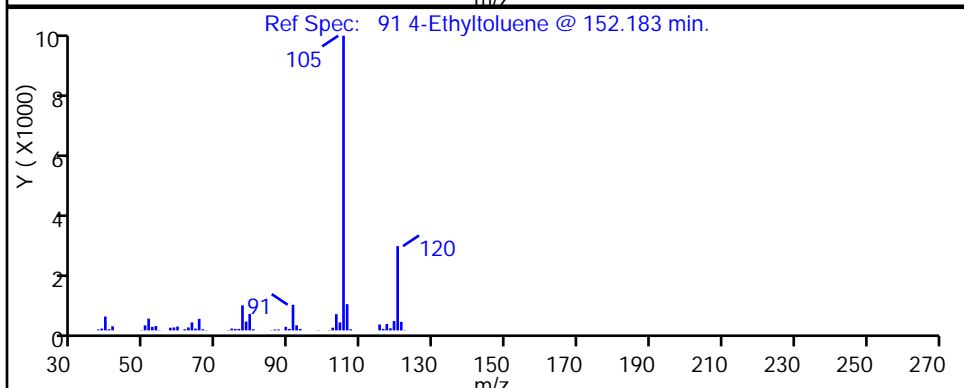
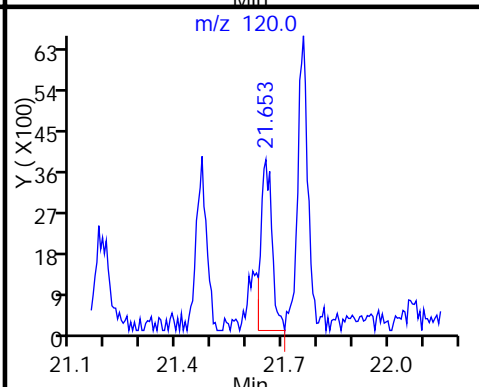
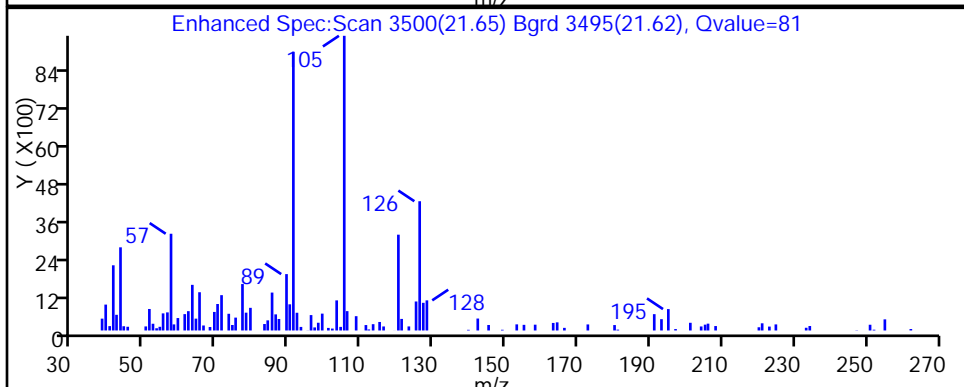
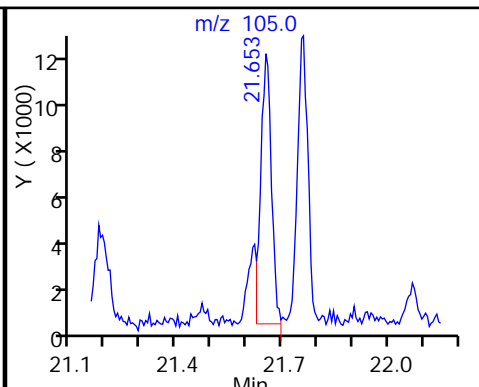
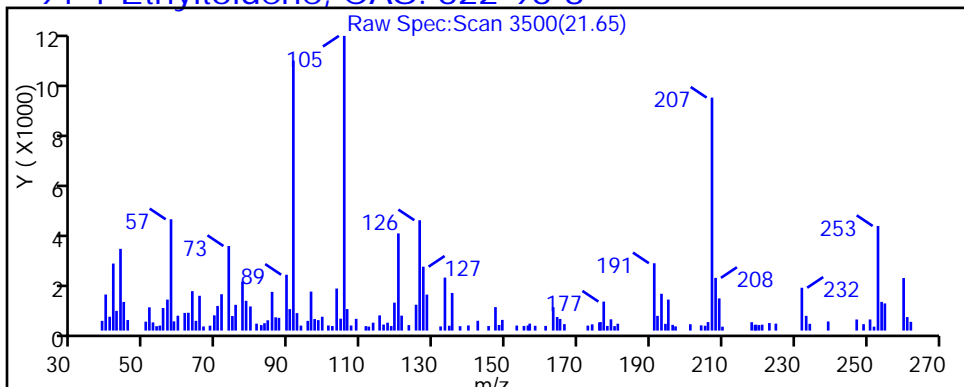
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

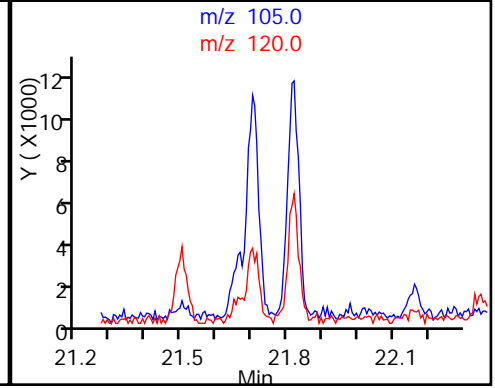
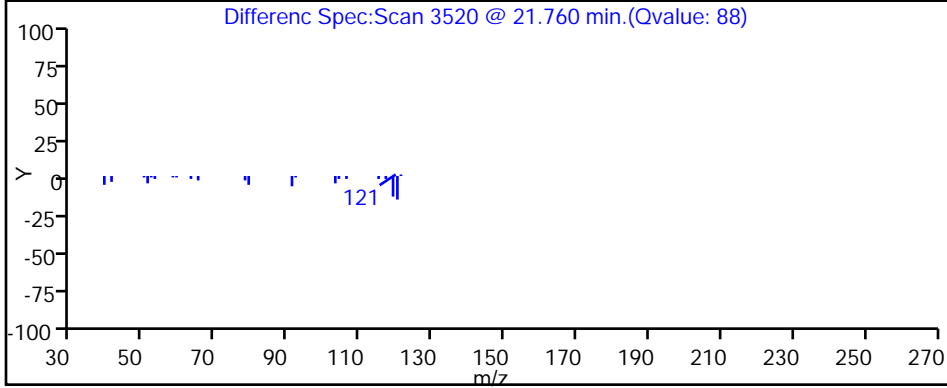
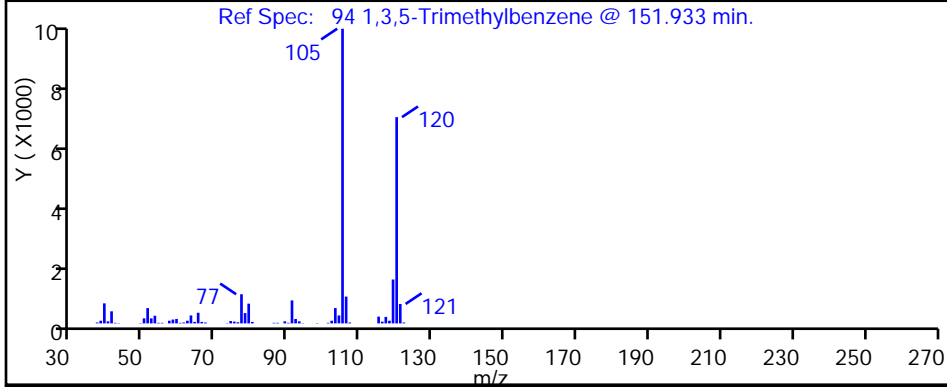
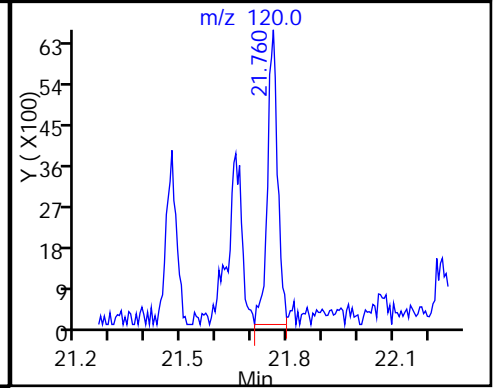
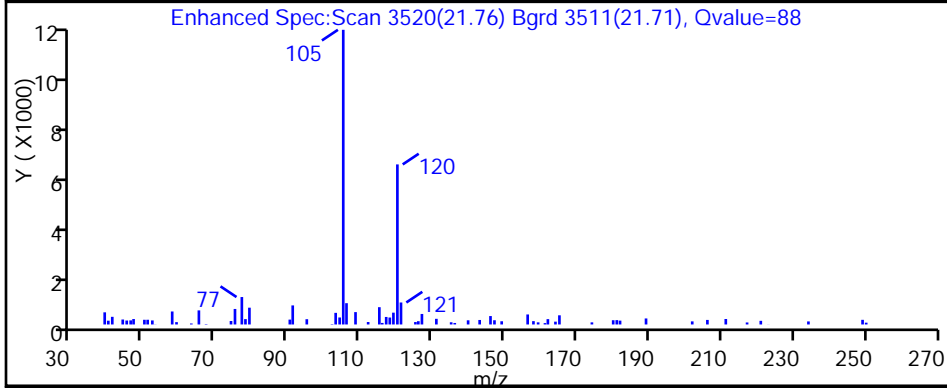
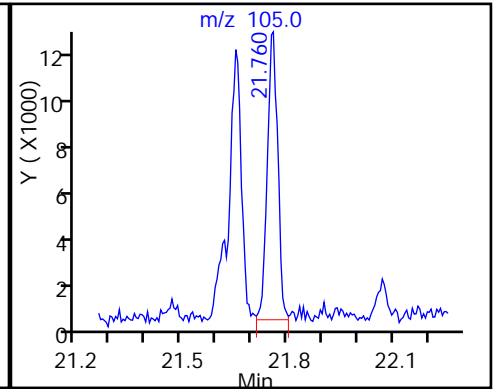
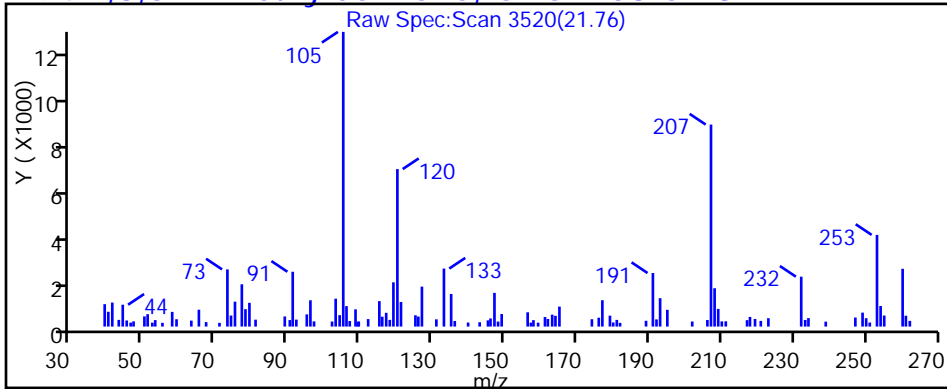
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

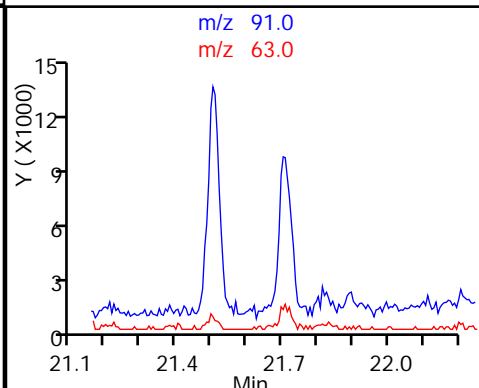
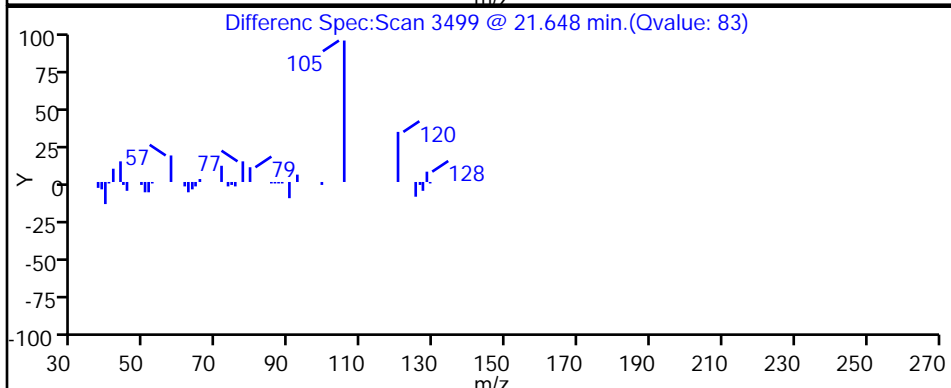
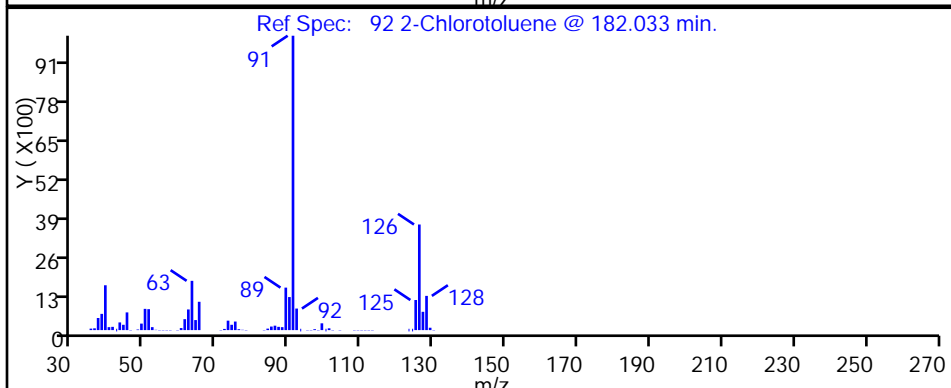
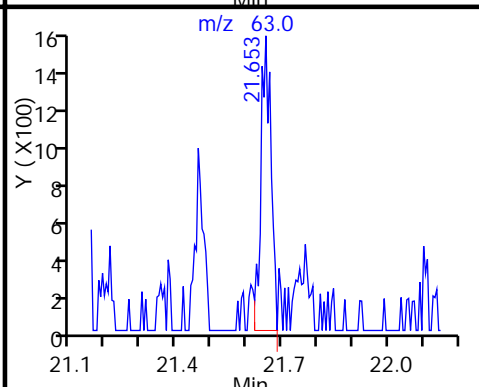
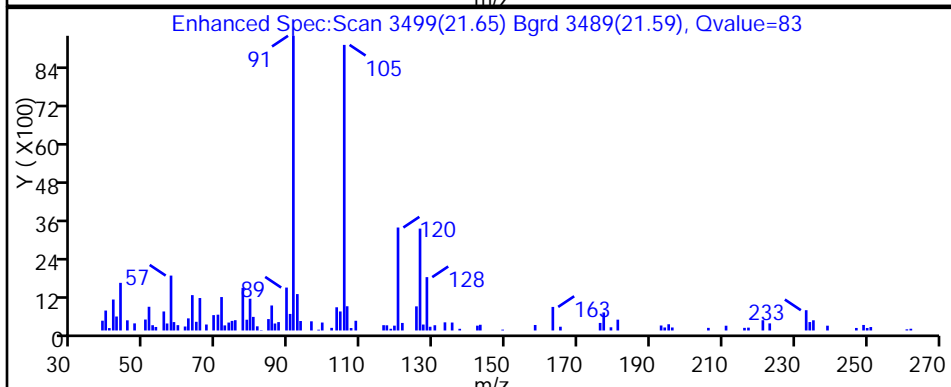
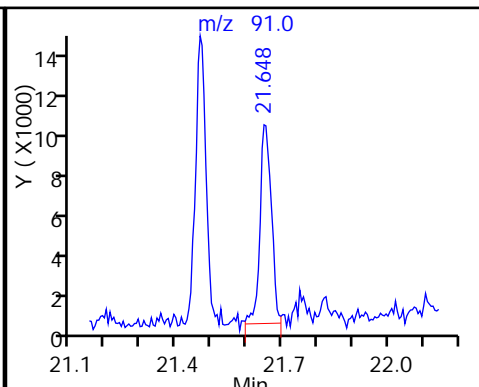
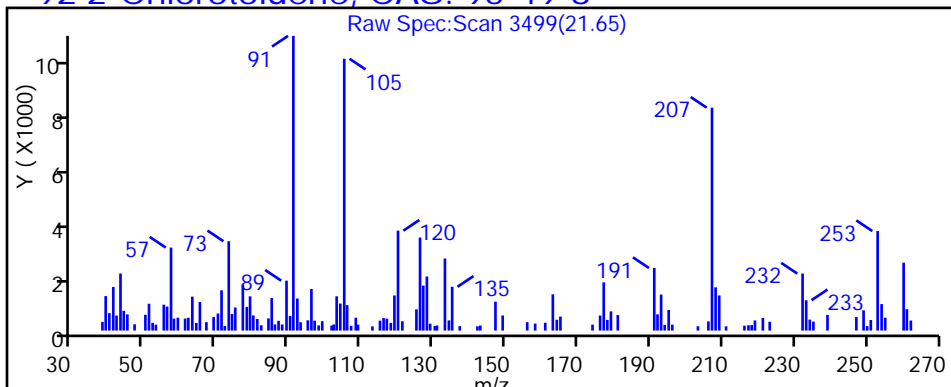
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

92 2-Chlorotoluene, CAS: 95-49-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

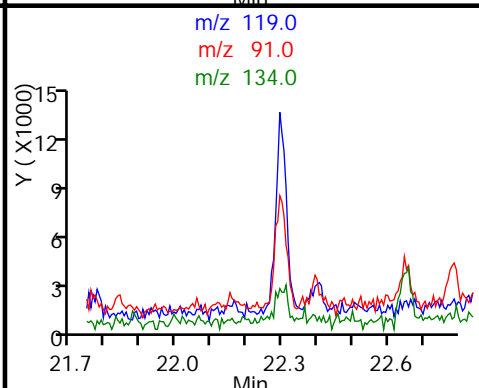
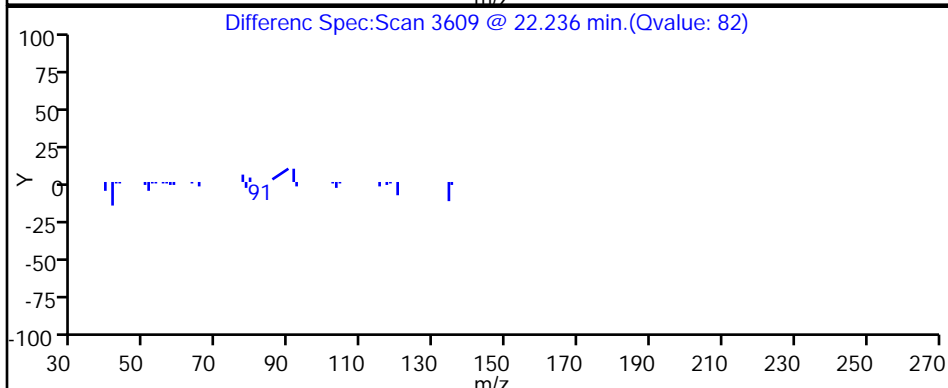
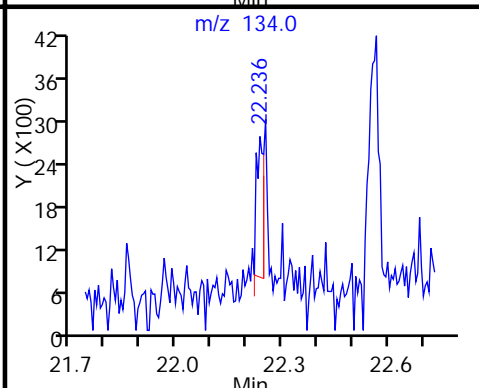
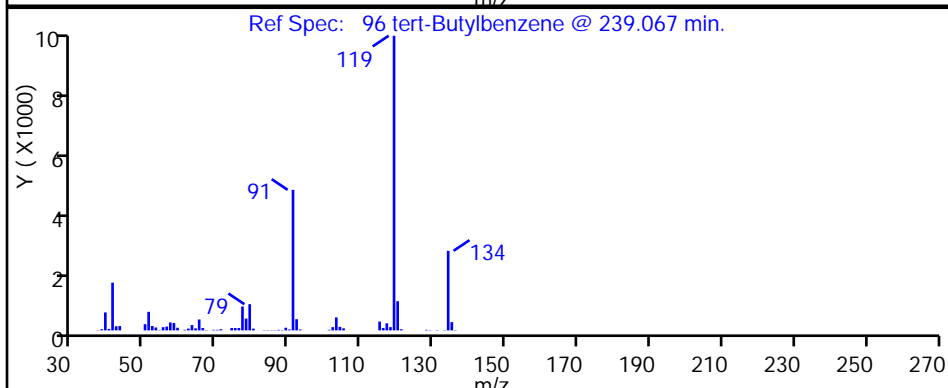
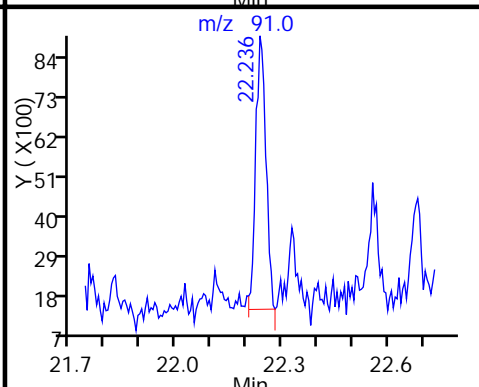
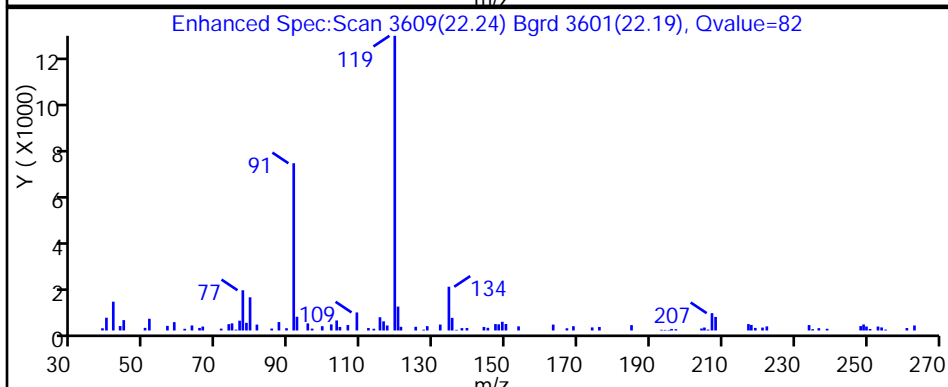
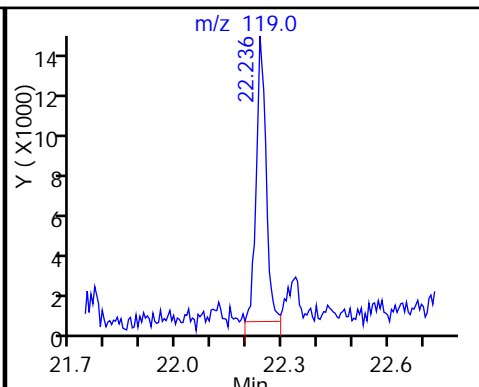
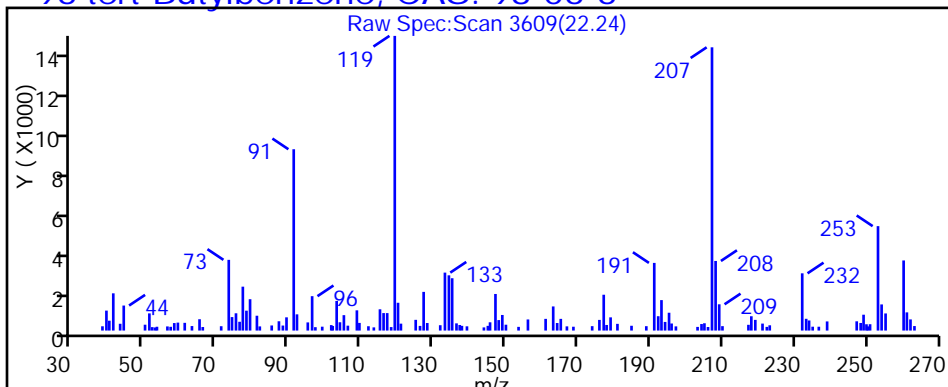
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

96 tert-Butylbenzene, CAS: 98-06-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

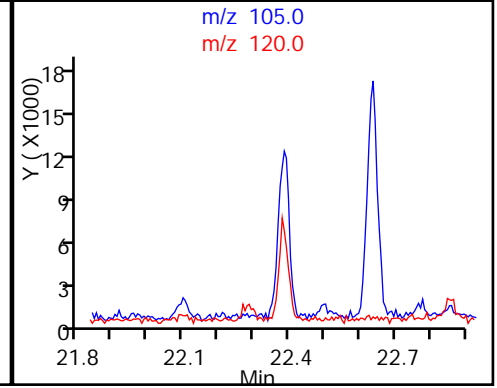
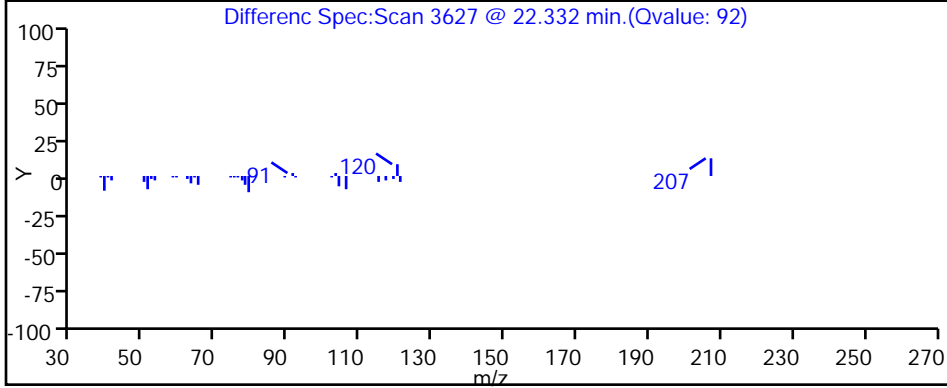
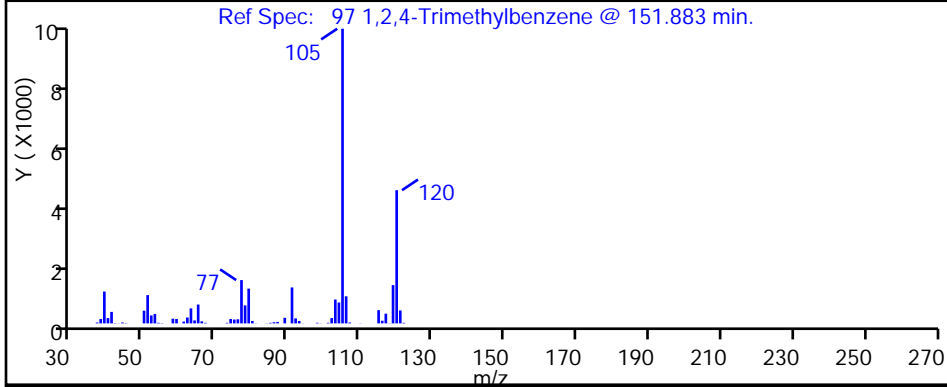
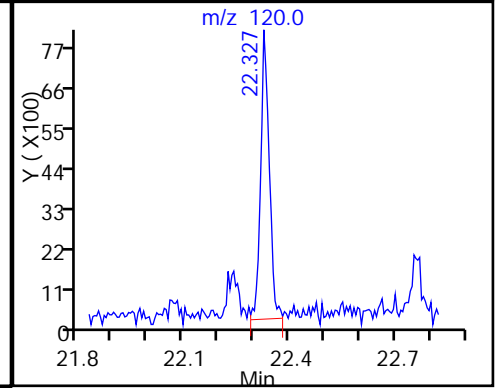
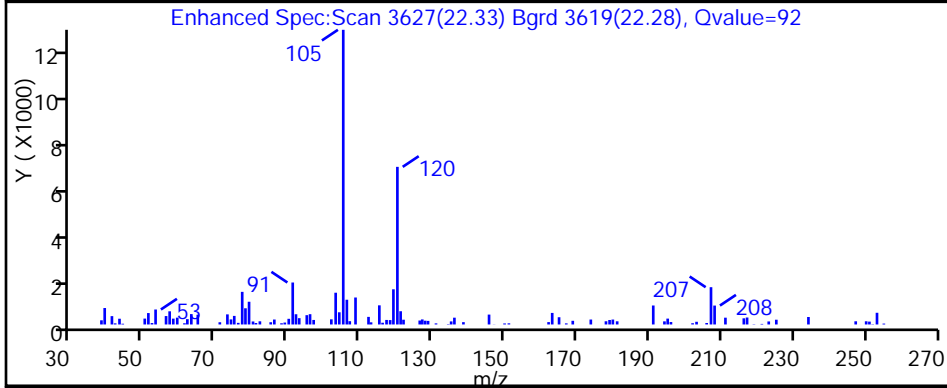
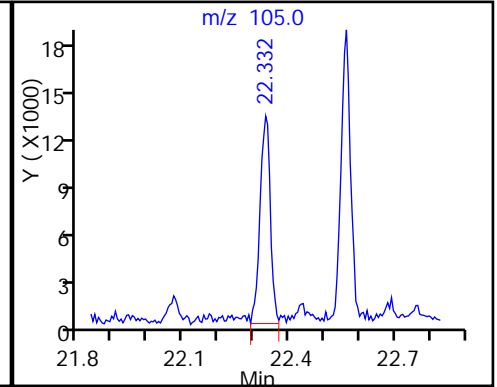
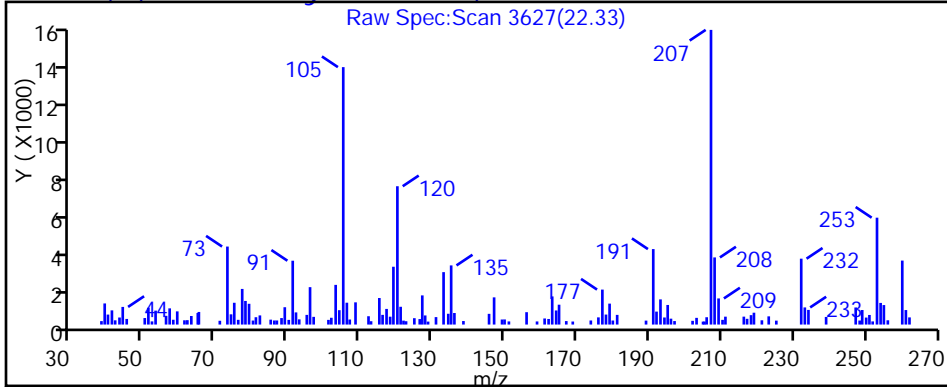
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

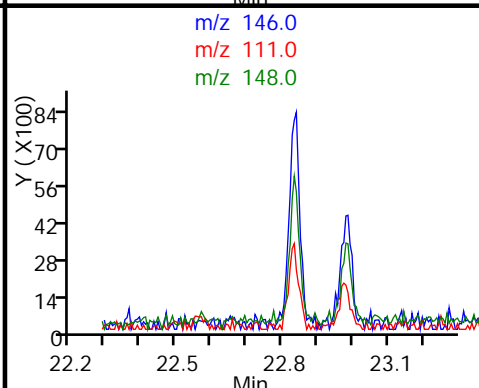
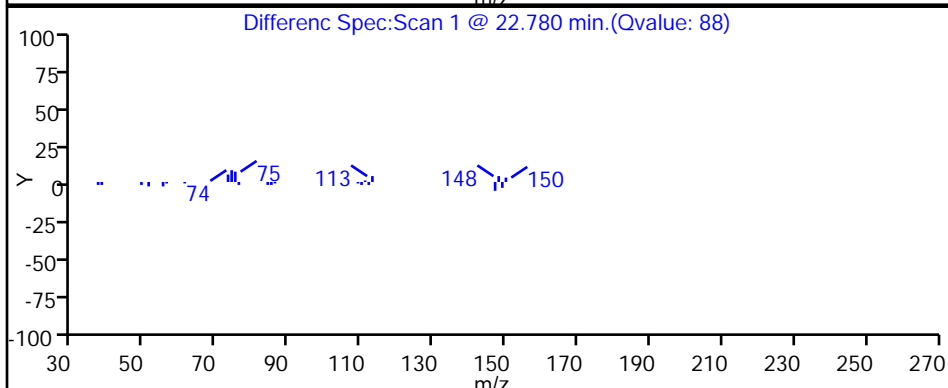
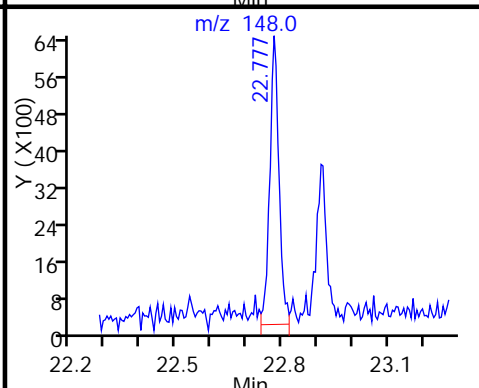
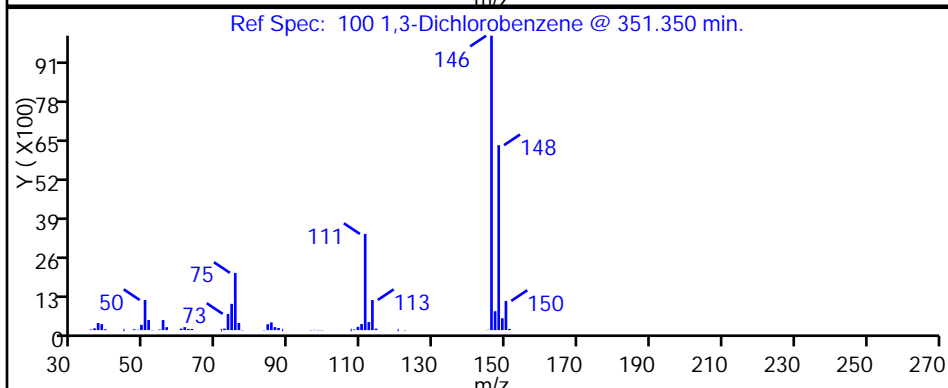
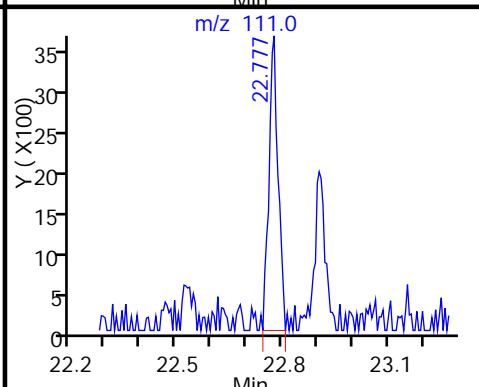
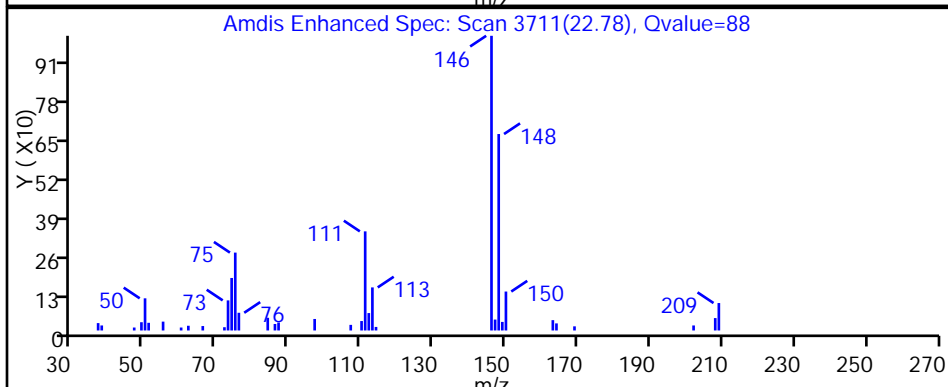
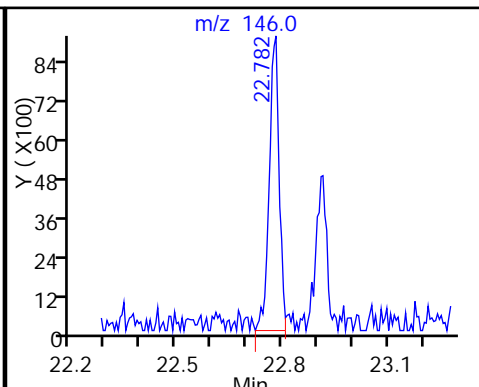
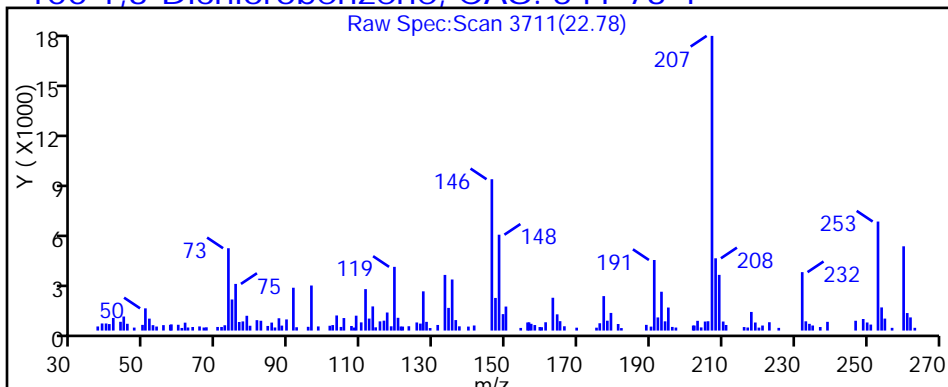
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

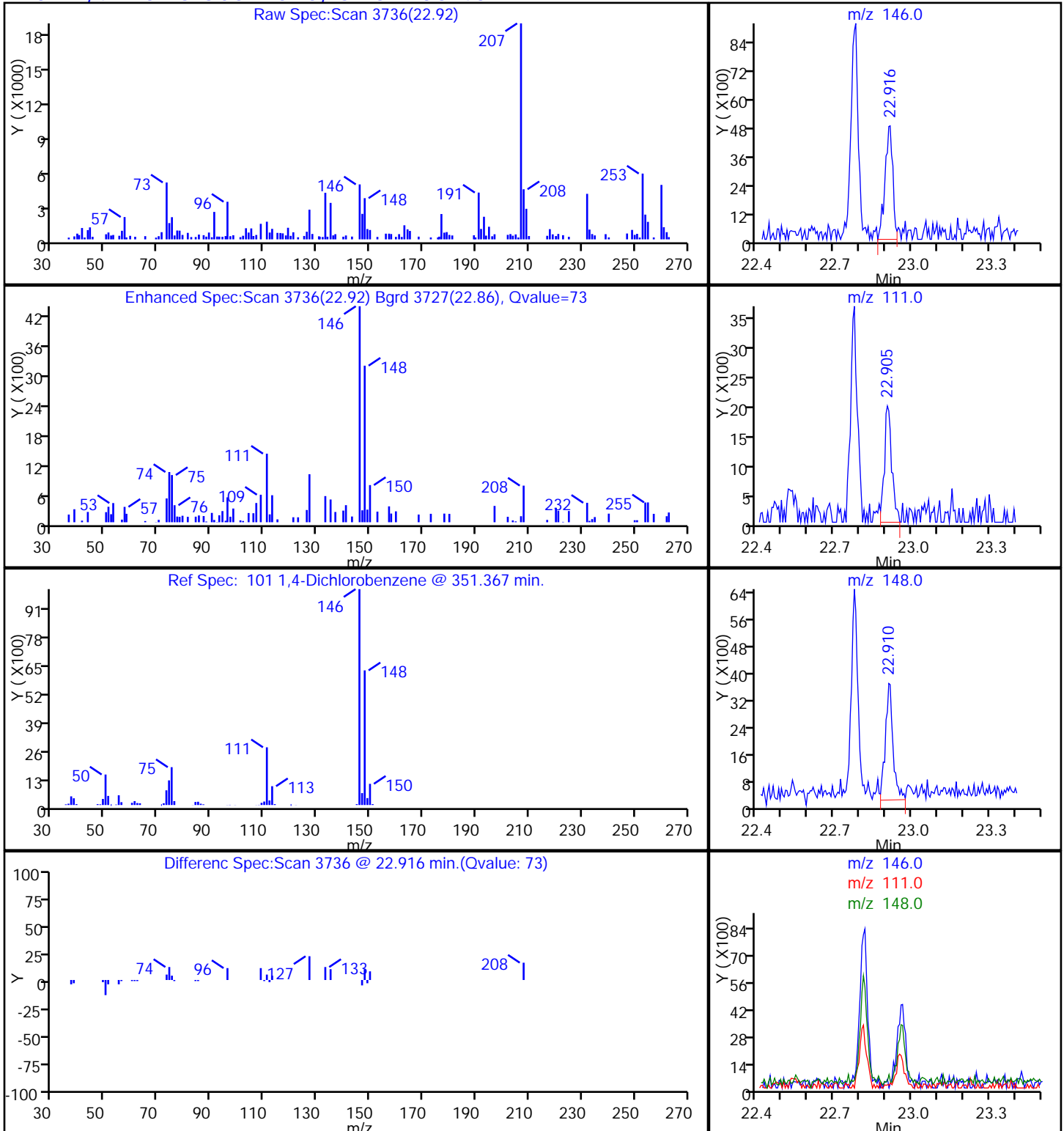
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D

Injection Date: 22-Feb-2014 08:32:30

Instrument ID: CHG.i

Lims ID: 200-20955-A-18

Lab Sample ID: 200-20955-18

Client ID: SS-VMP-6B

Operator ID: bl

ALS Bottle#: 25

Worklist Smp#: 28

Purge Vol: 200.000 mL

Dil. Factor: 10.0000

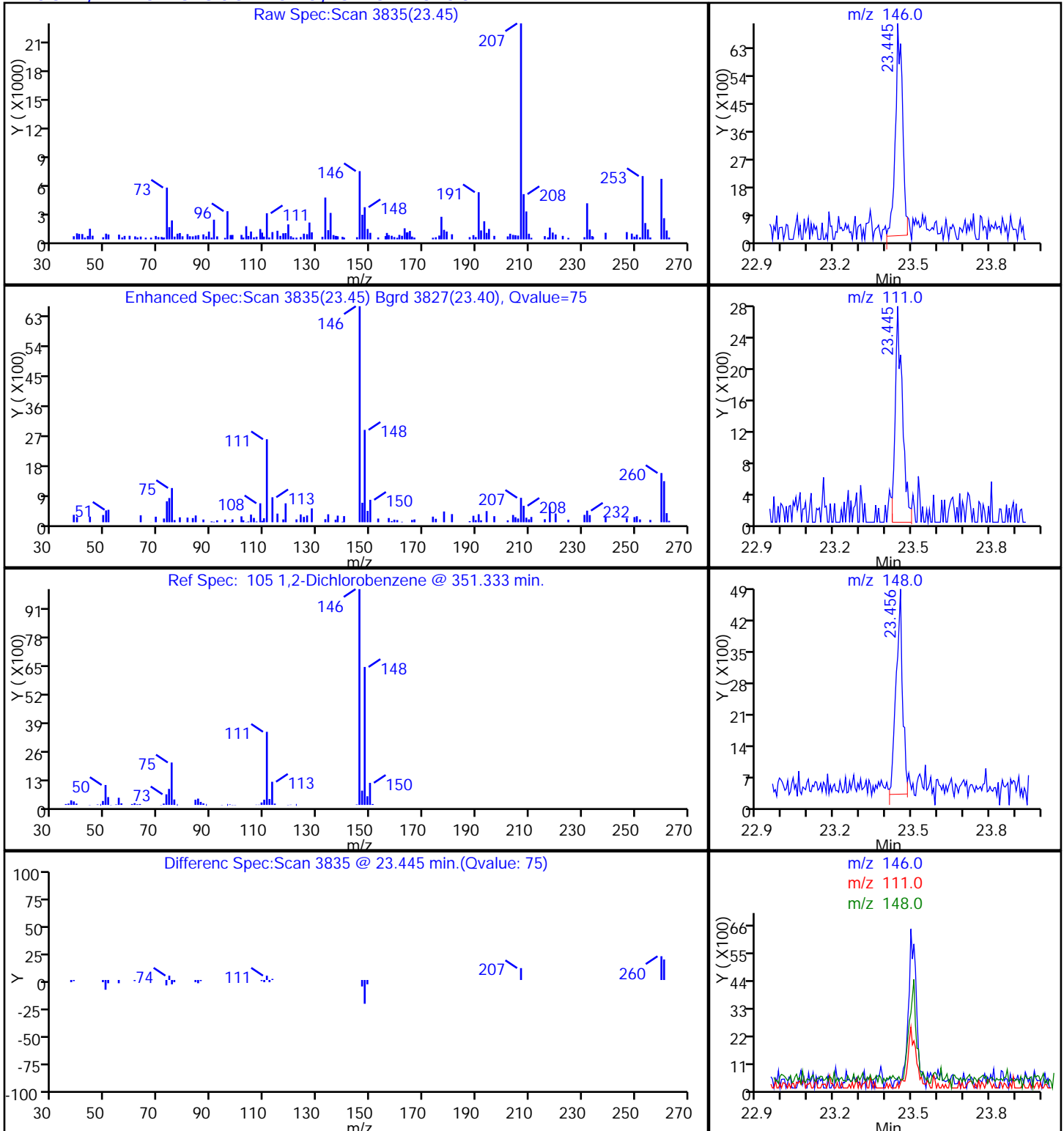
Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

105 1,2-Dichlorobenzene, CAS: 95-50-1



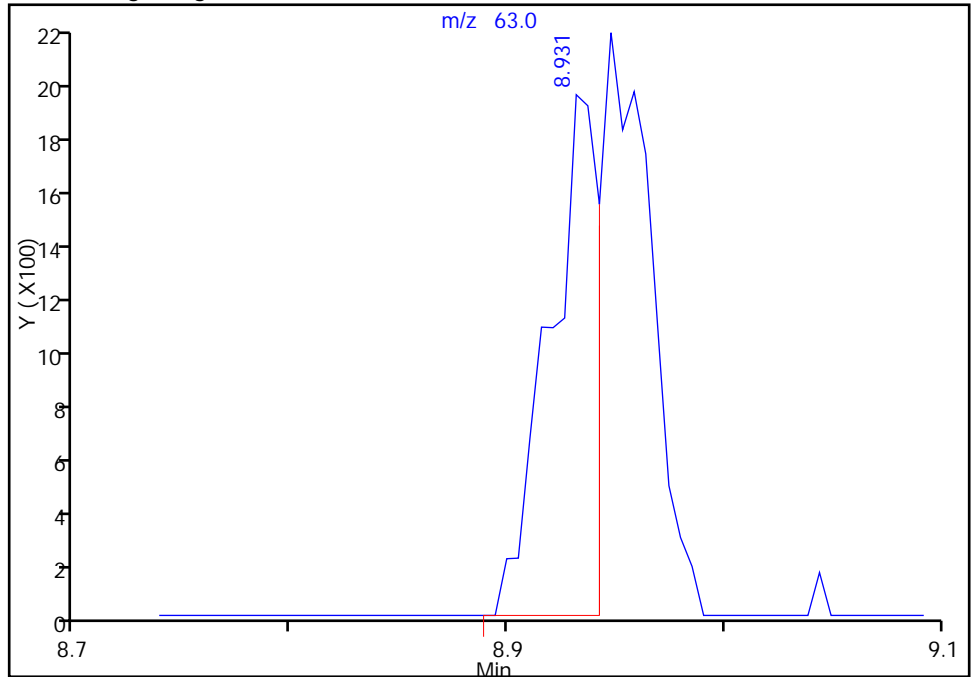
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
Injection Date: 22-Feb-2014 08:32:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
Client ID: SS-VMP-6B
Operator ID: bl ALS Bottle#: 25 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3

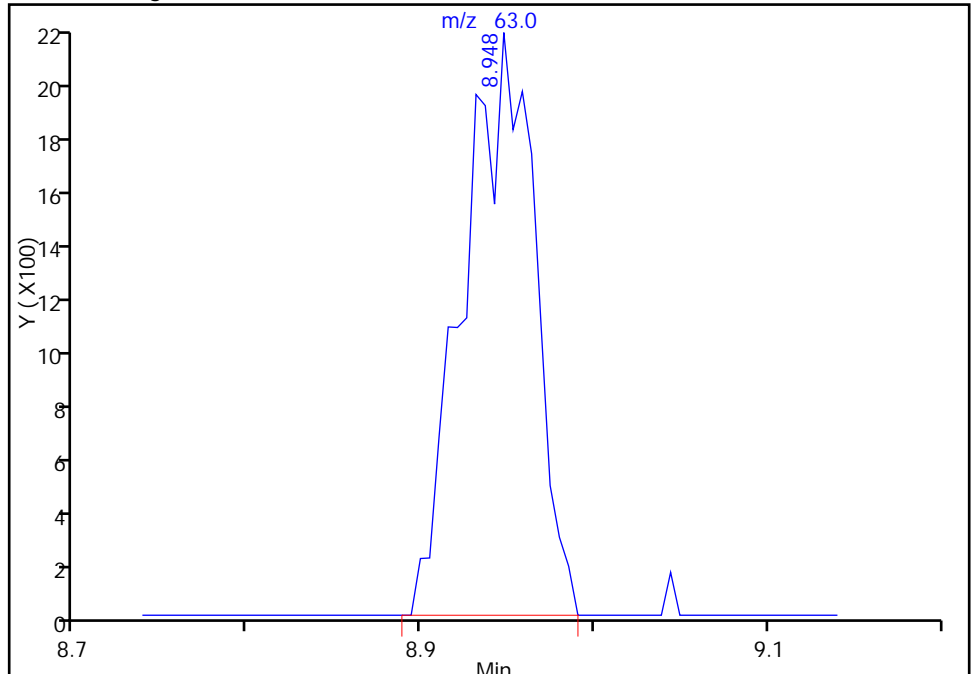
RT: 8.93
Response: 3023
Amount: 0.030823

Processing Integration Results



RT: 8.95
Response: 6043
Amount: 0.061614

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:52:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

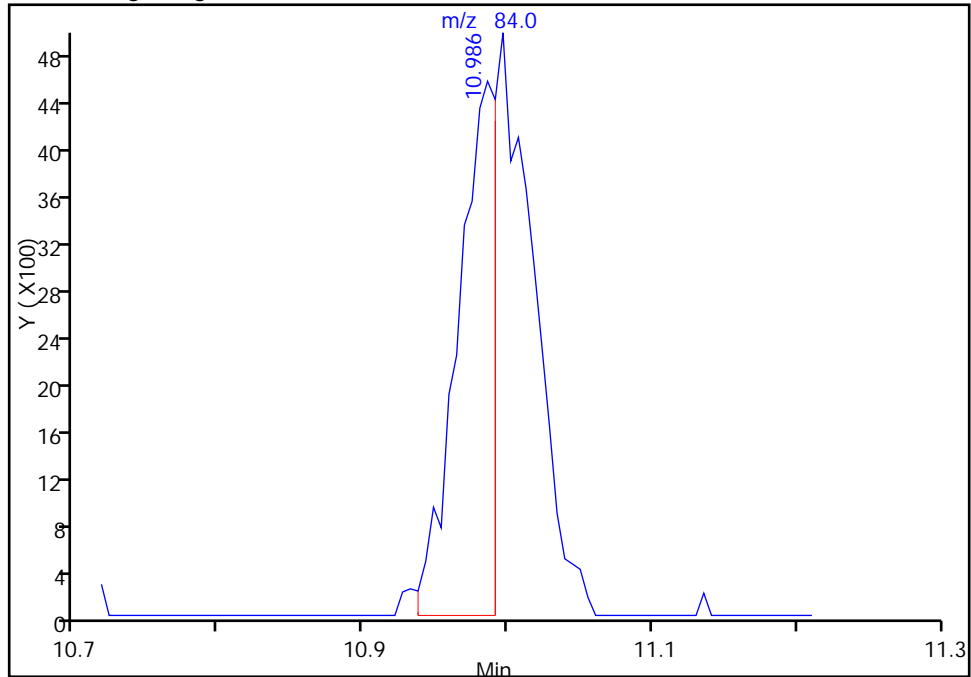
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
Injection Date: 22-Feb-2014 08:32:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
Client ID: SS-VMP-6B
Operator ID: bl ALS Bottle#: 25 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

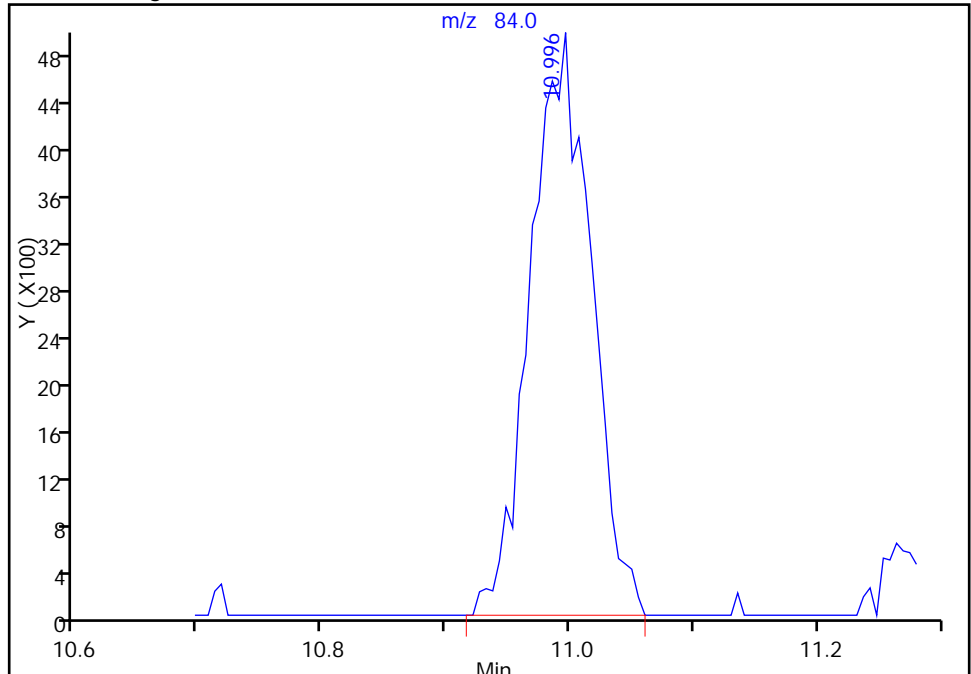
RT: 10.99
Response: 8586
Amount: 0.089868

Processing Integration Results



RT: 11.00
Response: 17070
Amount: 0.178669

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:52:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

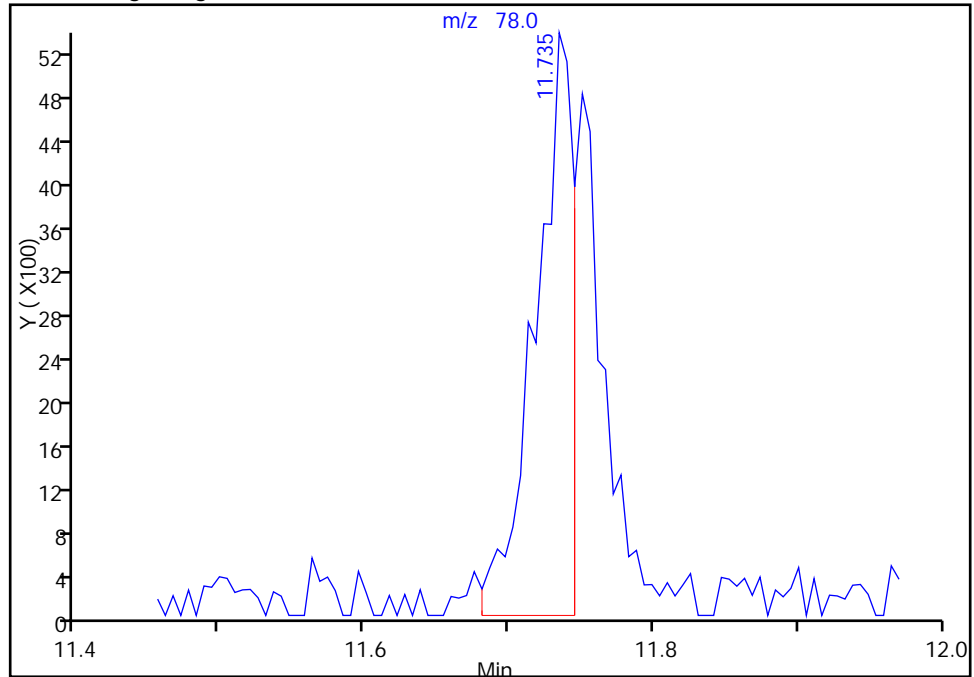
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
Injection Date: 22-Feb-2014 08:32:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
Client ID: SS-VMP-6B
Operator ID: bl ALS Bottle#: 25 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

50 Benzene, CAS: 71-43-2

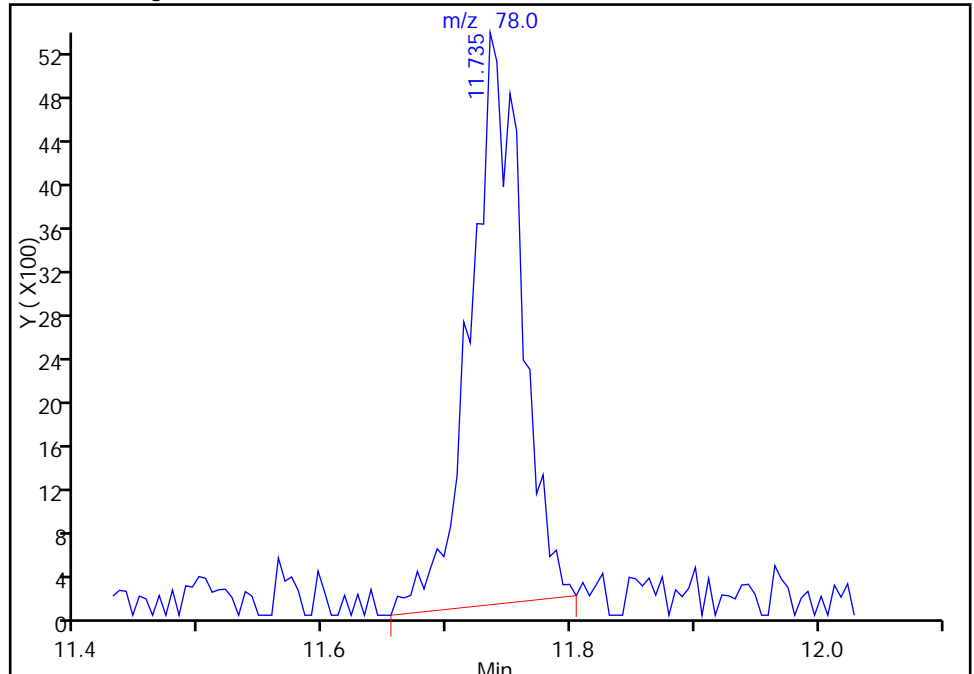
RT: 11.73
Response: 9906
Amount: 0.038783

Processing Integration Results



RT: 11.73
Response: 15209
Amount: 0.059544

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:52:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

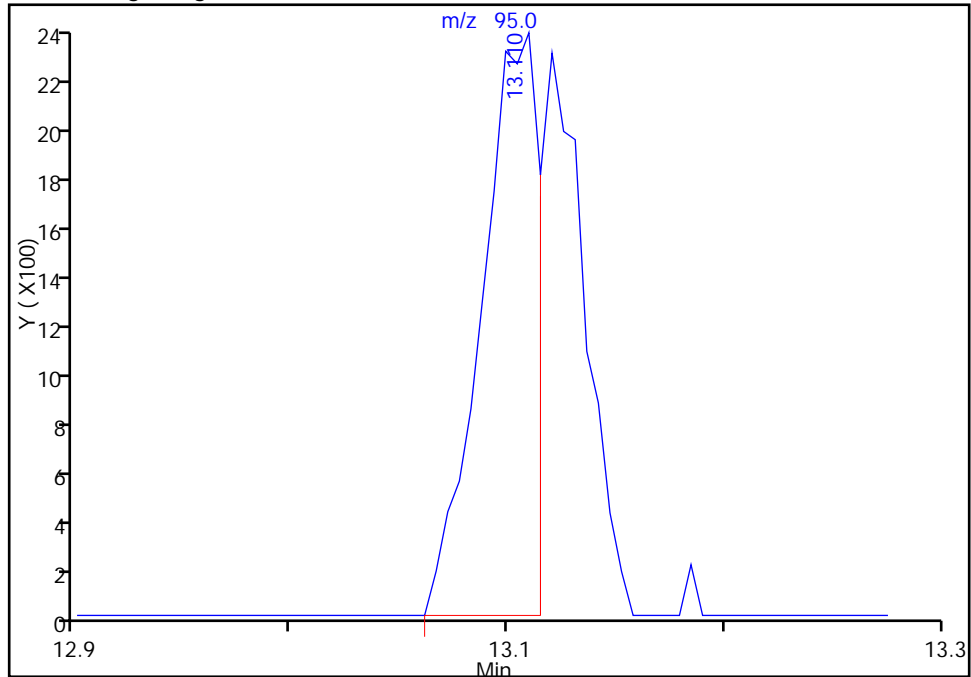
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
Injection Date: 22-Feb-2014 08:32:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
Client ID: SS-VMP-6B
Operator ID: bl ALS Bottle#: 25 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

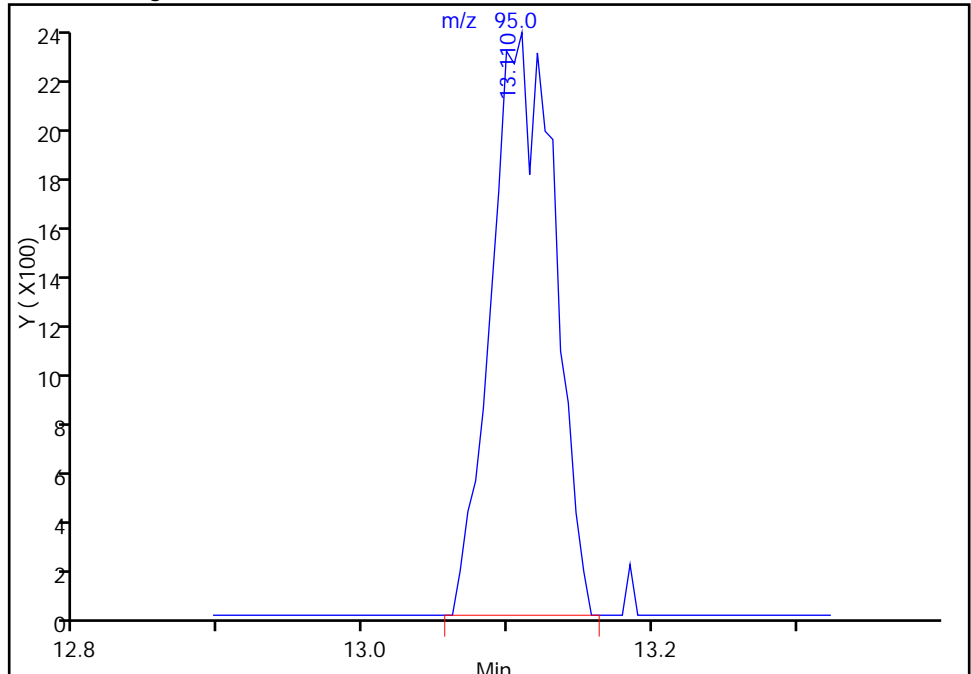
RT: 13.11
Response: 4307
Amount: 0.023782

Processing Integration Results



RT: 13.11
Response: 7050
Amount: 0.038929

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:52:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

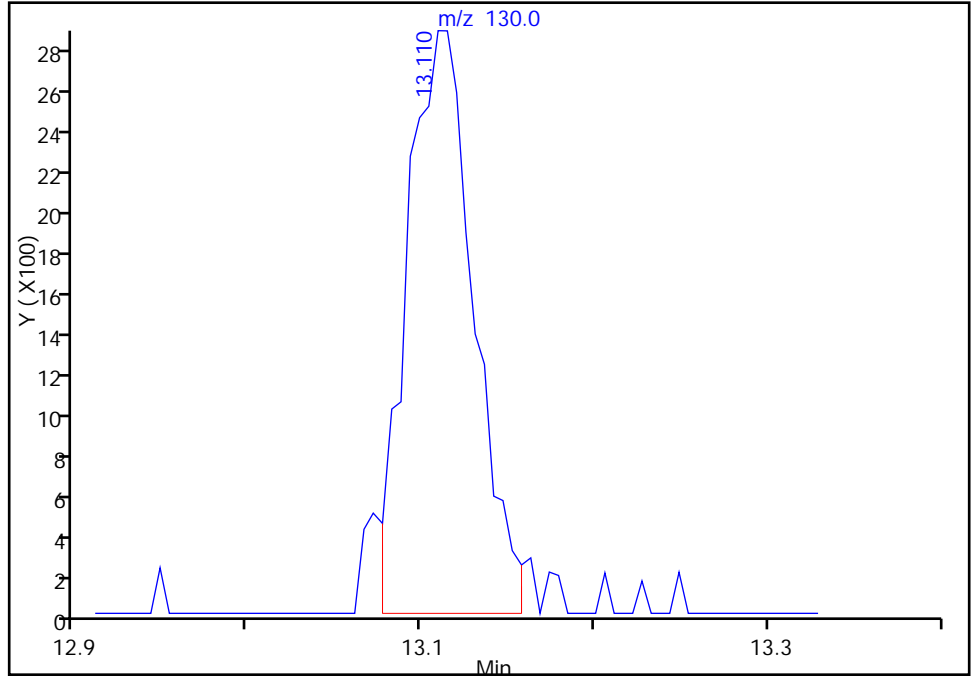
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
Injection Date: 22-Feb-2014 08:32:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
Client ID: SS-VMP-6B
Operator ID: bl ALS Bottle#: 25 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

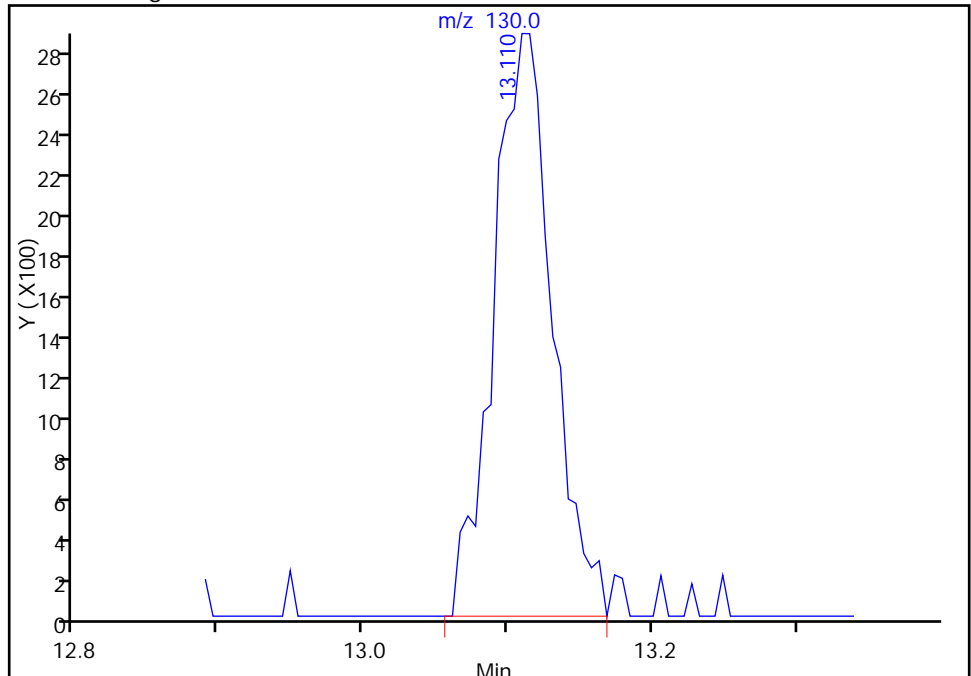
RT: 13.11
Response: 7773
Amount: 0.023782

Processing Integration Results



RT: 13.11
Response: 8153
Amount: 0.038929

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:52:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

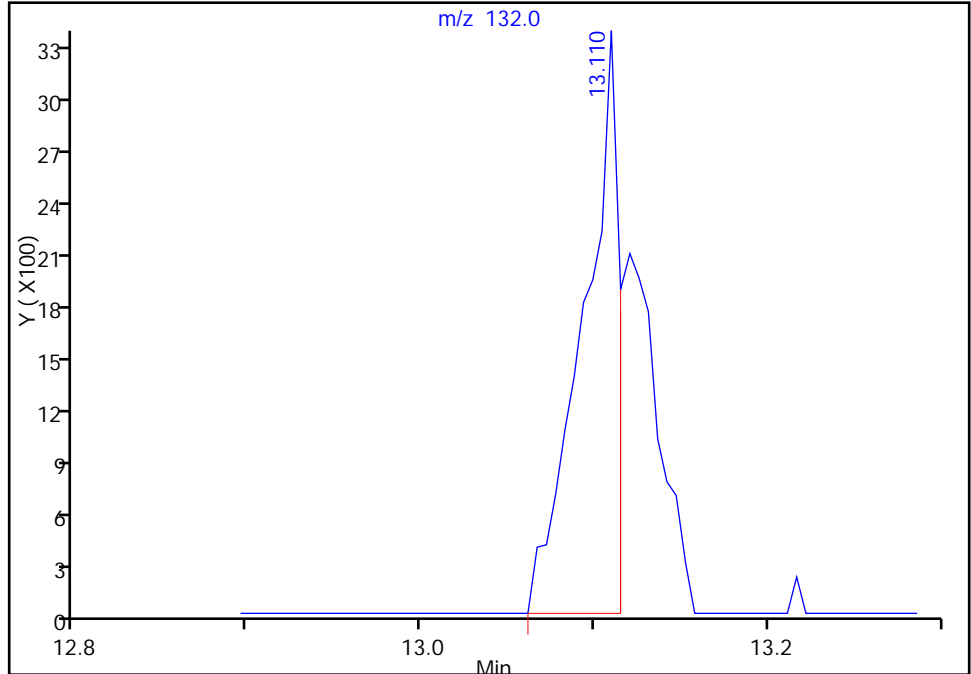
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_028.D
Injection Date: 22-Feb-2014 08:32:30 Instrument ID: CHG.i
Lims ID: 200-20955-A-18 Lab Sample ID: 200-20955-18
Client ID: SS-VMP-6B
Operator ID: bl ALS Bottle#: 25 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 10.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

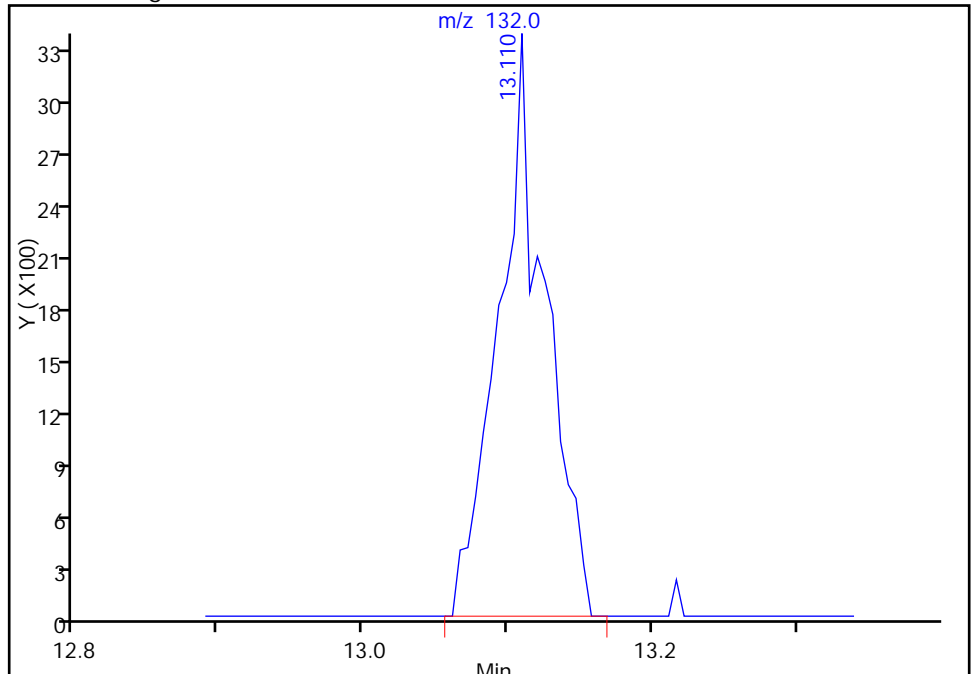
RT: 13.11
Response: 4884
Amount: 0.023782

Processing Integration Results



RT: 13.11
Response: 7638
Amount: 0.038929

Manual Integration Results



Reviewer: lyonsb, 24-Feb-2014 10:52:11
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3E Lab Sample ID: 200-20955-20
 Matrix: Air Lab File ID: 6282_010.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 19:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.49	J	0.50	0.030
75-45-6	Freon 22	86.47	0.28	J	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.53		0.50	0.14
106-97-8	n-Butane	58.12	1.9		0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.26		0.20	0.030
76-13-1	Freon 113	187.38	0.083	J	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	27		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	600	E	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	2.9		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.23		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	25		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	1.3		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.065		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.16	J	0.20	0.027
71-43-2	Benzene	78.11	0.36		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3E Lab Sample ID: 200-20955-20
 Matrix: Air Lab File ID: 6282_010.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 19:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.037	J	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.25	J	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.084	J	0.50	0.027
108-88-3	Toluene	92.14	0.67		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.13	J	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.10	J	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.28	J	0.50	0.023
95-47-6	Xylene, o-	106.17	0.12	J	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.40		0.20	0.034
100-42-5	Styrene	104.15	0.059	J	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.038	J	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.040	J	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.13	J	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.82	B	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3E Lab Sample ID: 200-20955-20
 Matrix: Air Lab File ID: 6282_010.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:40
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 19:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3E Lab Sample ID: 200-20955-20
 Matrix: Air Lab File ID: 6282_010.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 19:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.4	J	2.5	0.15
75-45-6	Freon 22	86.47	0.99	J	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.1		1.0	0.28
106-97-8	n-Butane	58.12	4.6		1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.4		1.1	0.17
76-13-1	Freon 113	187.38	0.64	J	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	65		12	3.0
67-63-0	Isopropyl alcohol	60.10	1500	E	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	10		1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.80		0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	72		1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	4.6		0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.41		0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.77	J	0.93	0.13
71-43-2	Benzene	78.11	1.1		0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3E Lab Sample ID: 200-20955-20
 Matrix: Air Lab File ID: 6282_010.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:40
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 19:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.20	J	0.21	0.13
80-62-6	Methyl methacrylate	100.12	1.0	J	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	0.34	J	2.0	0.11
108-88-3	Toluene	92.14	2.5		0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	0.87	J	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.45	J	0.87	0.056
179601-23-1	m,p-Xylene	106.17	1.2	J	2.2	0.10
95-47-6	Xylene, o-	106.17	0.51	J	0.87	0.069
1330-20-7	Xylene (total)	106.17	1.7		0.87	0.15
100-42-5	Styrene	104.15	0.25	J	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.19	J	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	J	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.65	J	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	4.9	B	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-3E Lab Sample ID: 200-20955-20
 Matrix: Air Lab File ID: 6282_010.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:40
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 19:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
 Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
 Client ID: SS-VMP-3E
 Sample Type: Client
 Inject. Date: 24-Feb-2014 19:16:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-010
 Misc. Info.: 200-20955-a-20
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:15:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.458	4.463	-0.005	98	84597	0.4948	
6 Chlorodifluoromethane	51	4.527	4.528	-0.001	47	18204	0.2811	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50	5.004	5.009	-0.005	92	15463	0.5254	
9 Butane	43	5.271	5.276	-0.005	95	92476	1.94	
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101	7.186	7.181	0.005	92	49312	0.2573	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.449	8.433	0.016	80	10010	0.0835	M
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.743	8.743	0.0	87	1487739	27.4	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.112	9.027	0.085	96	27299691	600.2	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.738	9.727	0.011	79	110195	2.92	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.653	10.648	0.005	79	11849	0.2265	
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.386	12.386	0.0	96	563722	24.5	
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.857	12.857	0.0	67	373844	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.258	13.258	0.0	85	89216	1.33	
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	48		117	13.520	13.531	-0.011	74	11345	0.0645	
	51		57	13.922	13.922	0.0	93	29566	0.1649	
	50		78	13.975	13.980	-0.005	92	57637	0.3587	
	52		62		14.141					
	53		43		14.269					
*	54		114	14.745	14.745	0.0	92	1843977	10.0	
	56		95	15.200	15.206	-0.006	62	3034	0.0367	M
	58		63		15.730					
	59		69	15.810	15.810	0.0	90	12628	0.2489	
	60		88		15.901					
	62		83		16.217					
	64		75		17.083					
	65		43	17.324	17.319	0.005	80	6572	0.0838	
	66		92	17.661	17.656	0.005	93	81982	0.6718	
	70		75		18.191					
	71		83		18.554					
	72		166	18.699	18.699	0.0	88	19551	0.1287	
	73		43		18.945					
	74		129		19.314					
	75		107		19.598					
S	82		106				0		0.4008	7
*	76		117	20.443	20.443	0.0	83	1682750	10.0	
	77		112		20.496					
	78		91	20.614	20.614	0.0	88	29243	0.1026	
	80		106	20.828	20.833	-0.005	99	32482	0.2825	
	83		106	21.550	21.545	0.005	84	12848	0.1184	
	84		104	21.588	21.582	0.006	80	9423	0.0585	
	85		173		21.957					
\$	87		95	22.444	22.444	0.0	97	1157861	NC	
	88		83		22.668					
	90		91		22.743					
	91		105	22.914	22.909	0.005	38	14260	0.0384	M
	92		91		22.941					
	94		105	23.005	23.000	0.005	82	13808	0.0402	M
	96		119		23.476					
	97		105	23.572	23.567	0.005	90	43321	0.1320	
	98		105		23.808					
	99		119		24.011					
	100		146	24.081	24.081	0.0	98	196091	0.8200	
	101		146		24.225					
	102		91		24.434					
	103		91		24.648					
	105		146		24.830					
	107		180		27.729					
	108		225		27.932					
	109		128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Worklist Smp#: 10

Client ID: SS-VMP-3E

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

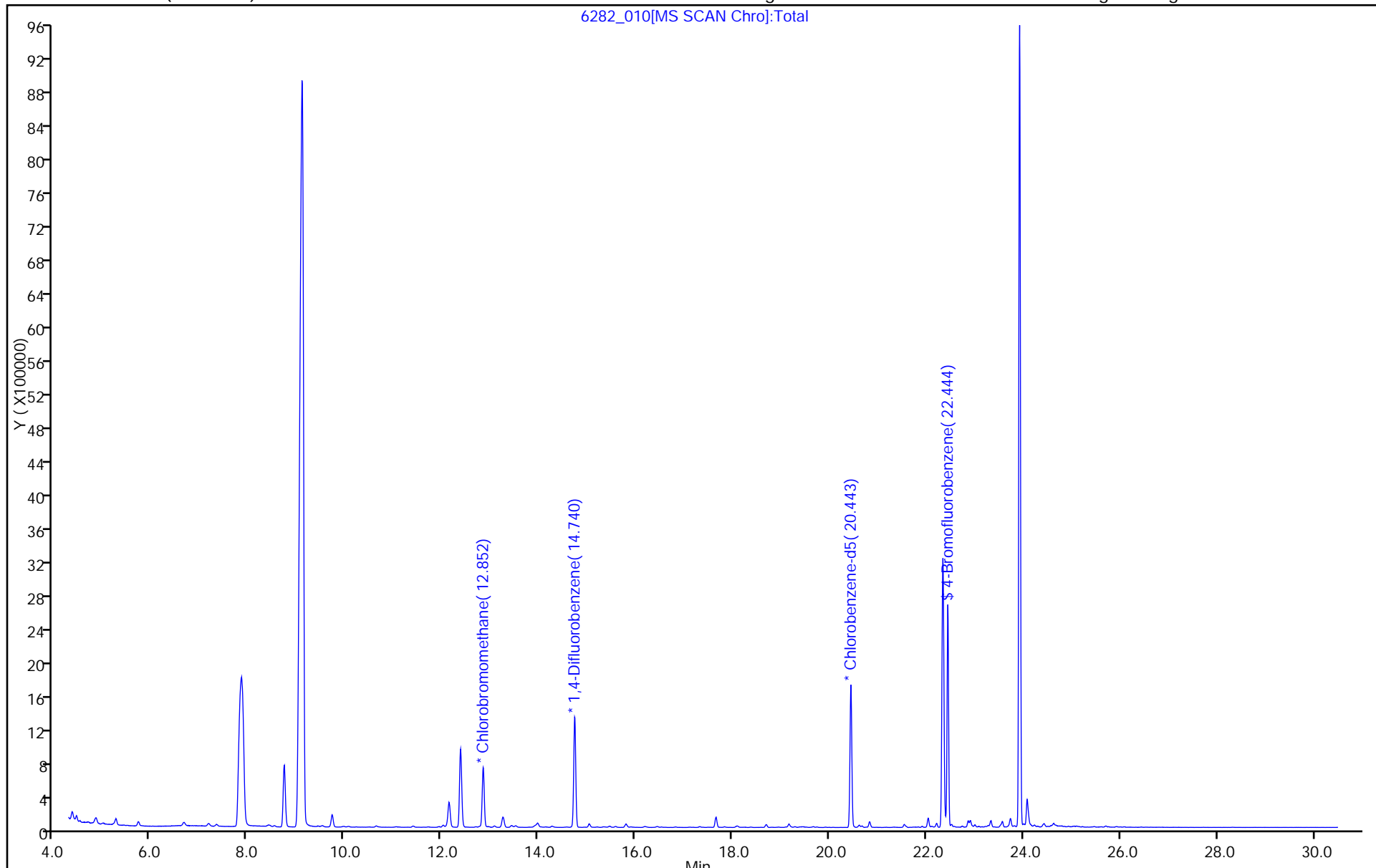
ALS Bottle#: 9

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

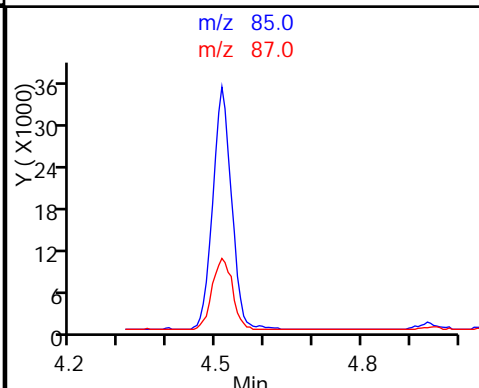
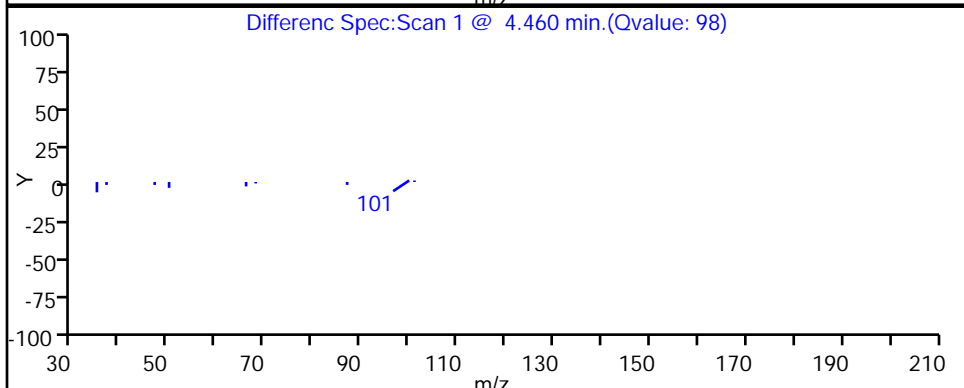
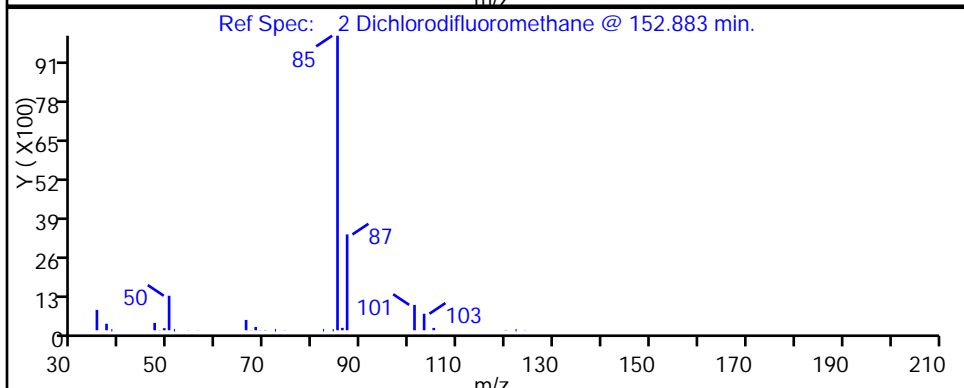
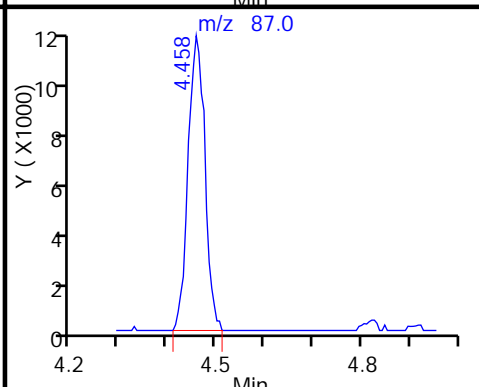
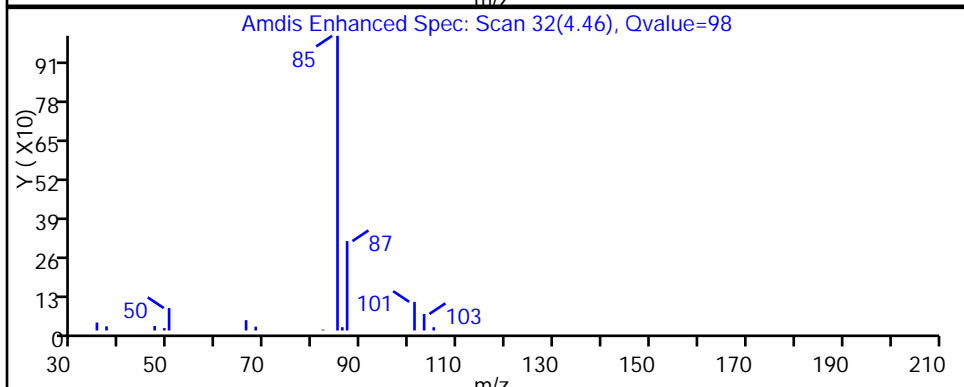
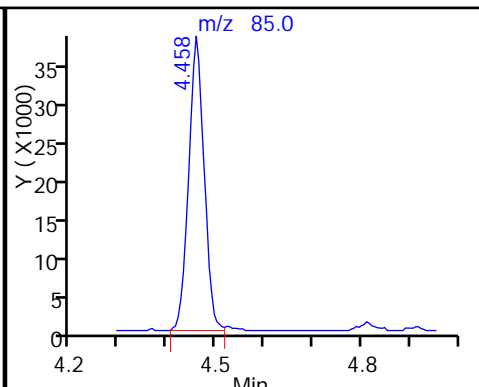
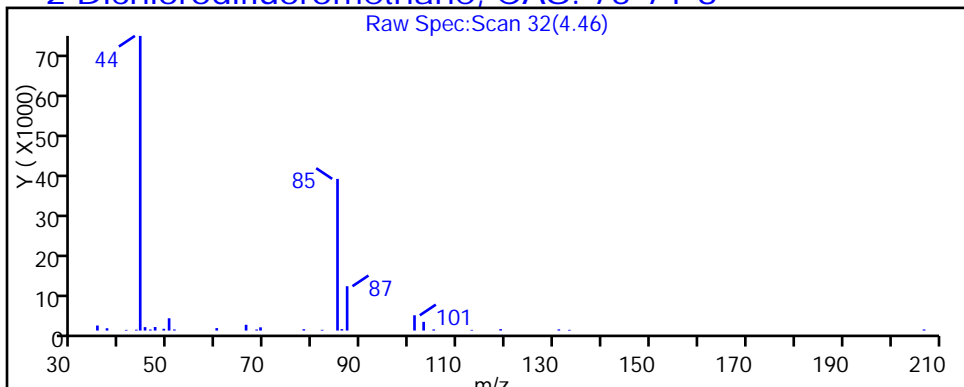
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

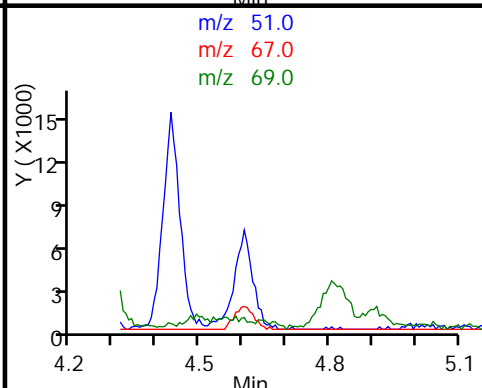
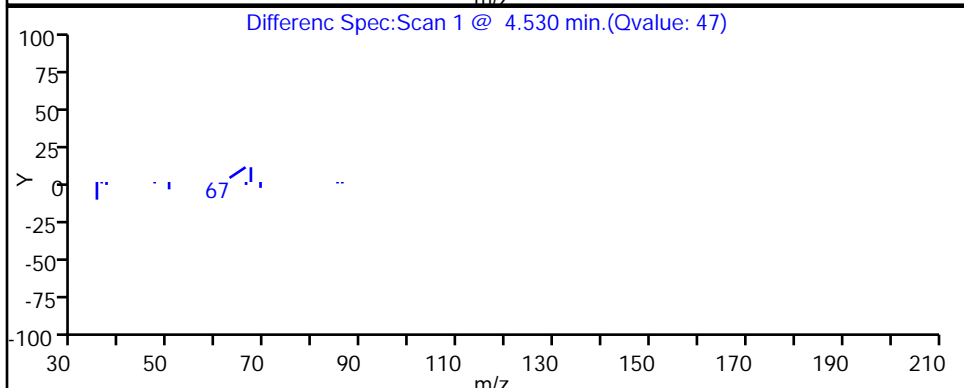
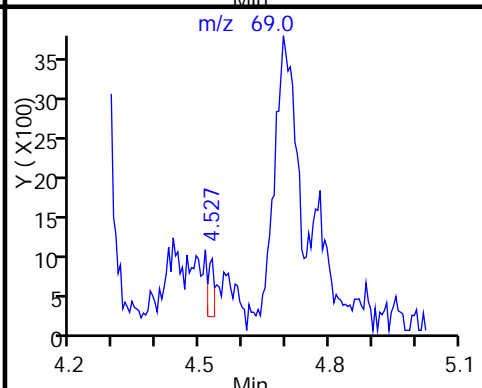
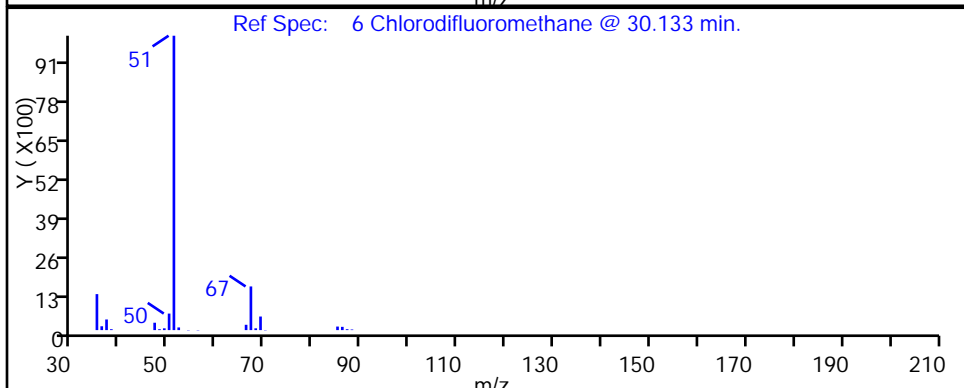
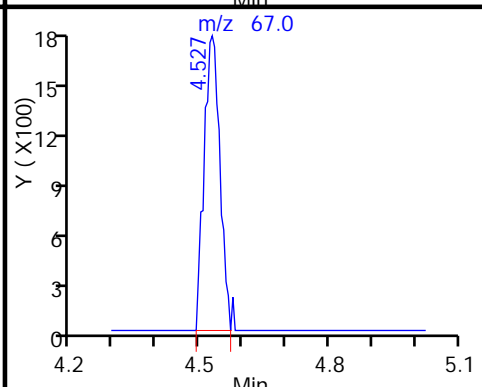
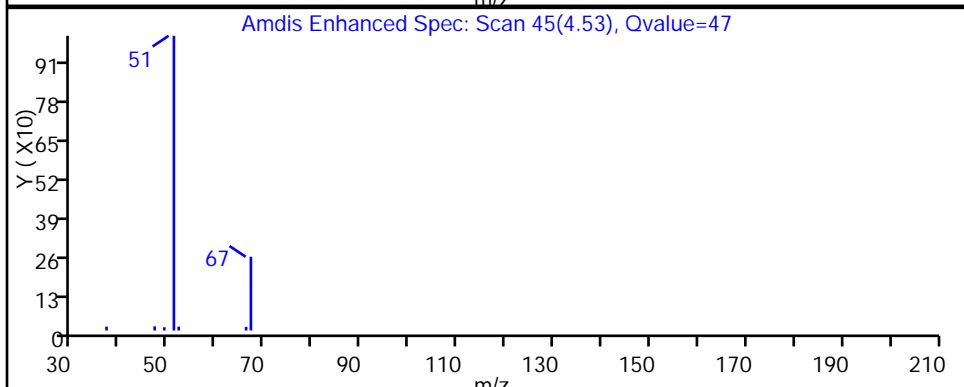
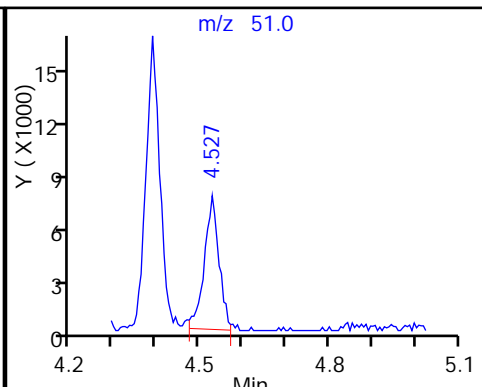
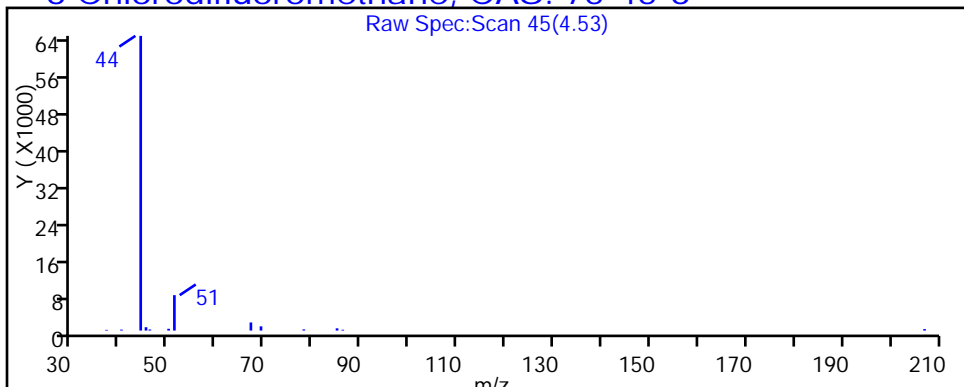
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

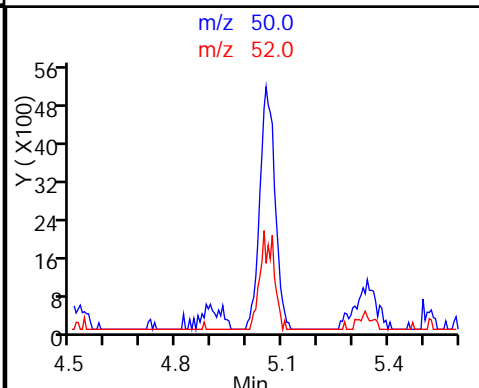
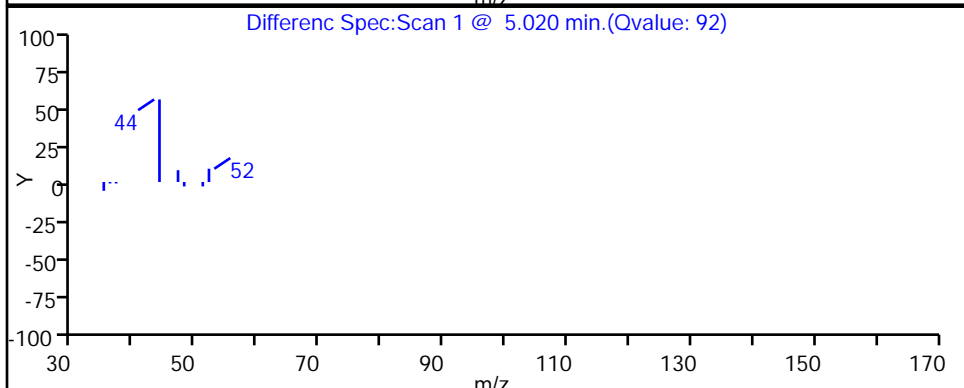
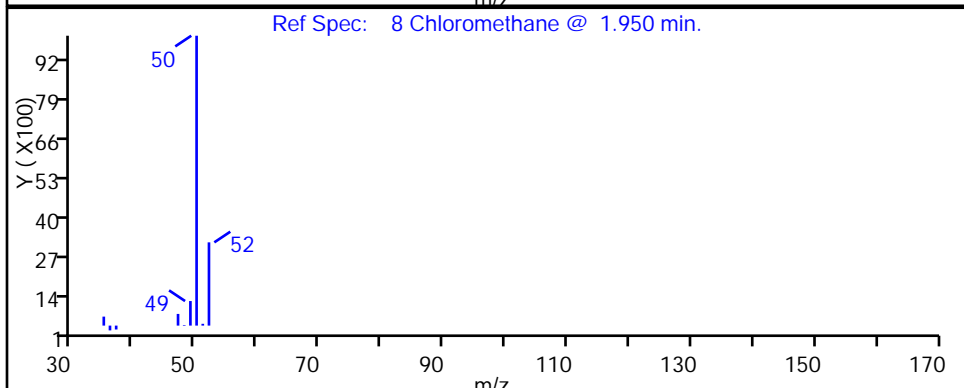
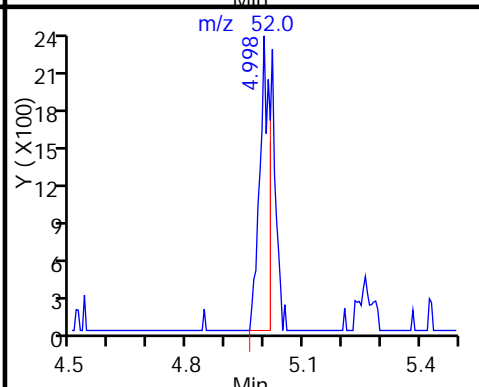
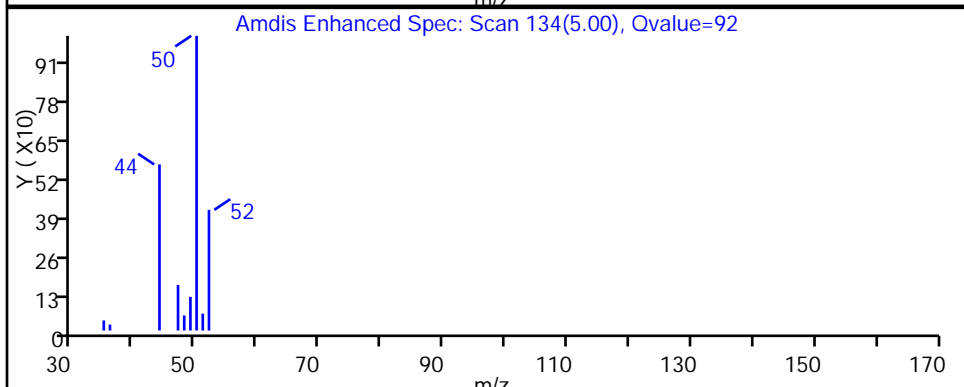
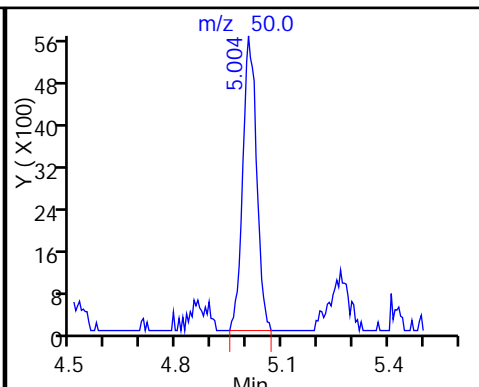
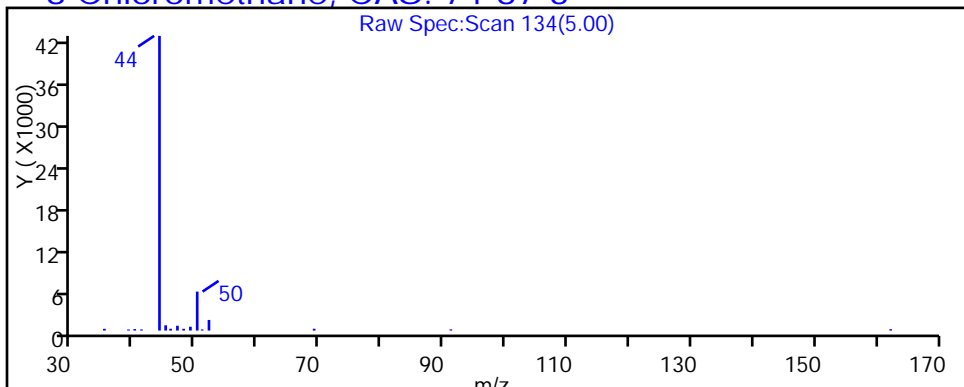
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

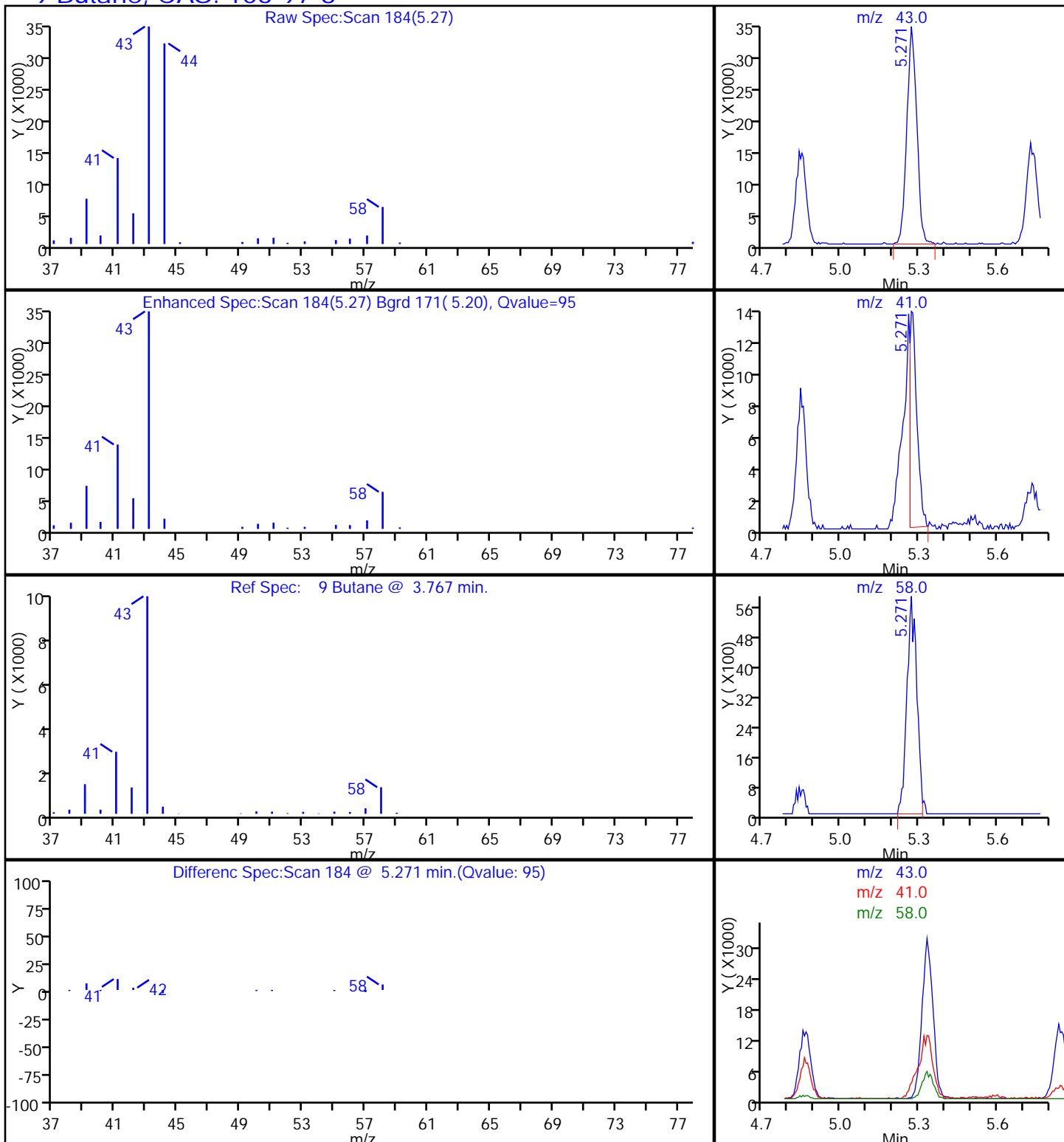
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

9 Butane, CAS: 106-97-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

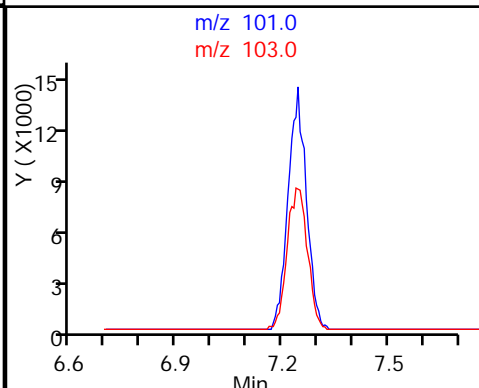
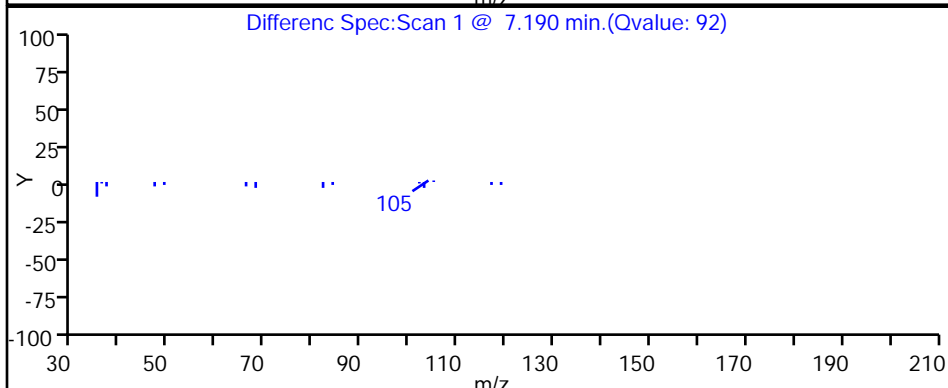
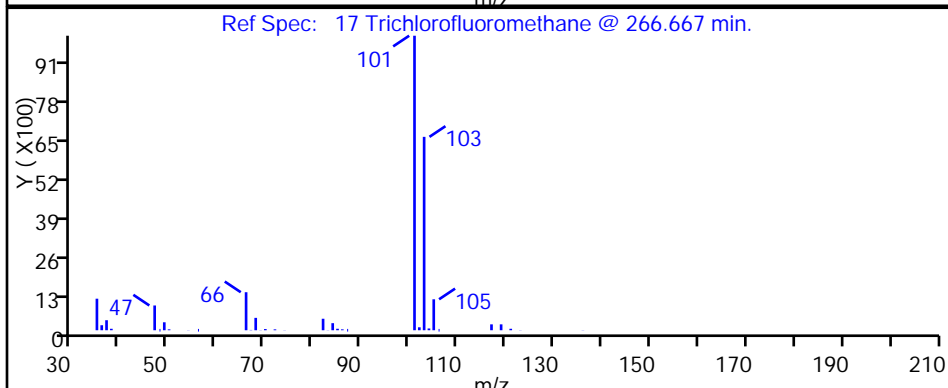
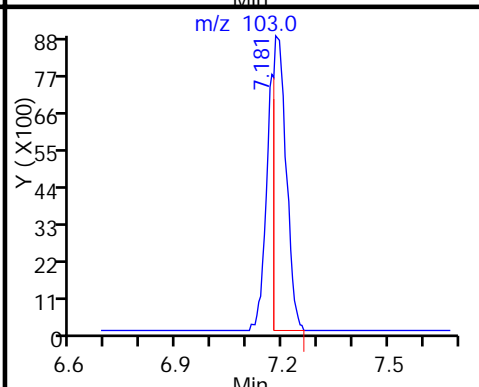
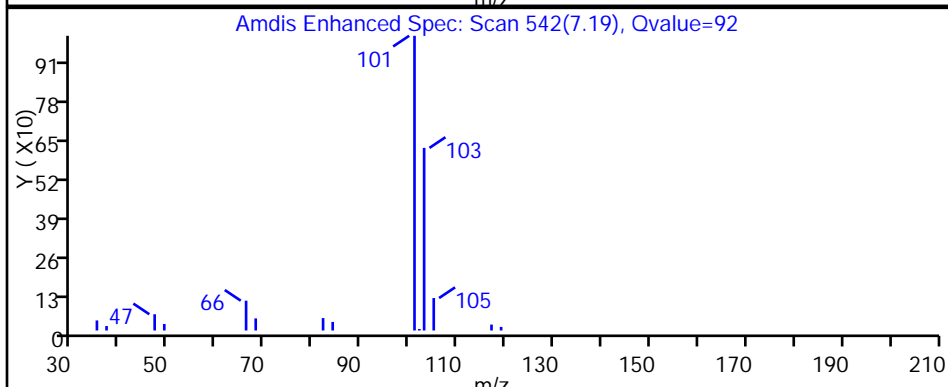
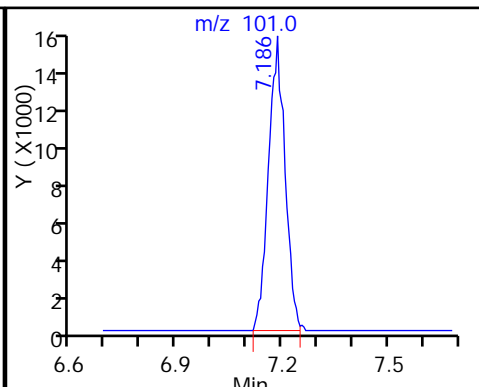
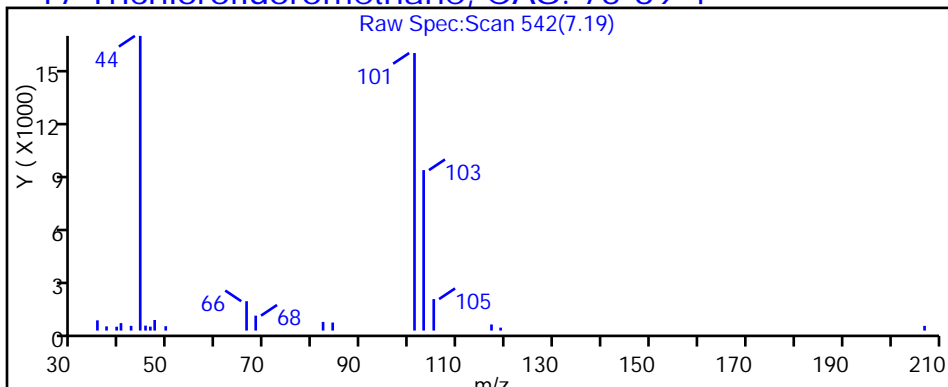
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

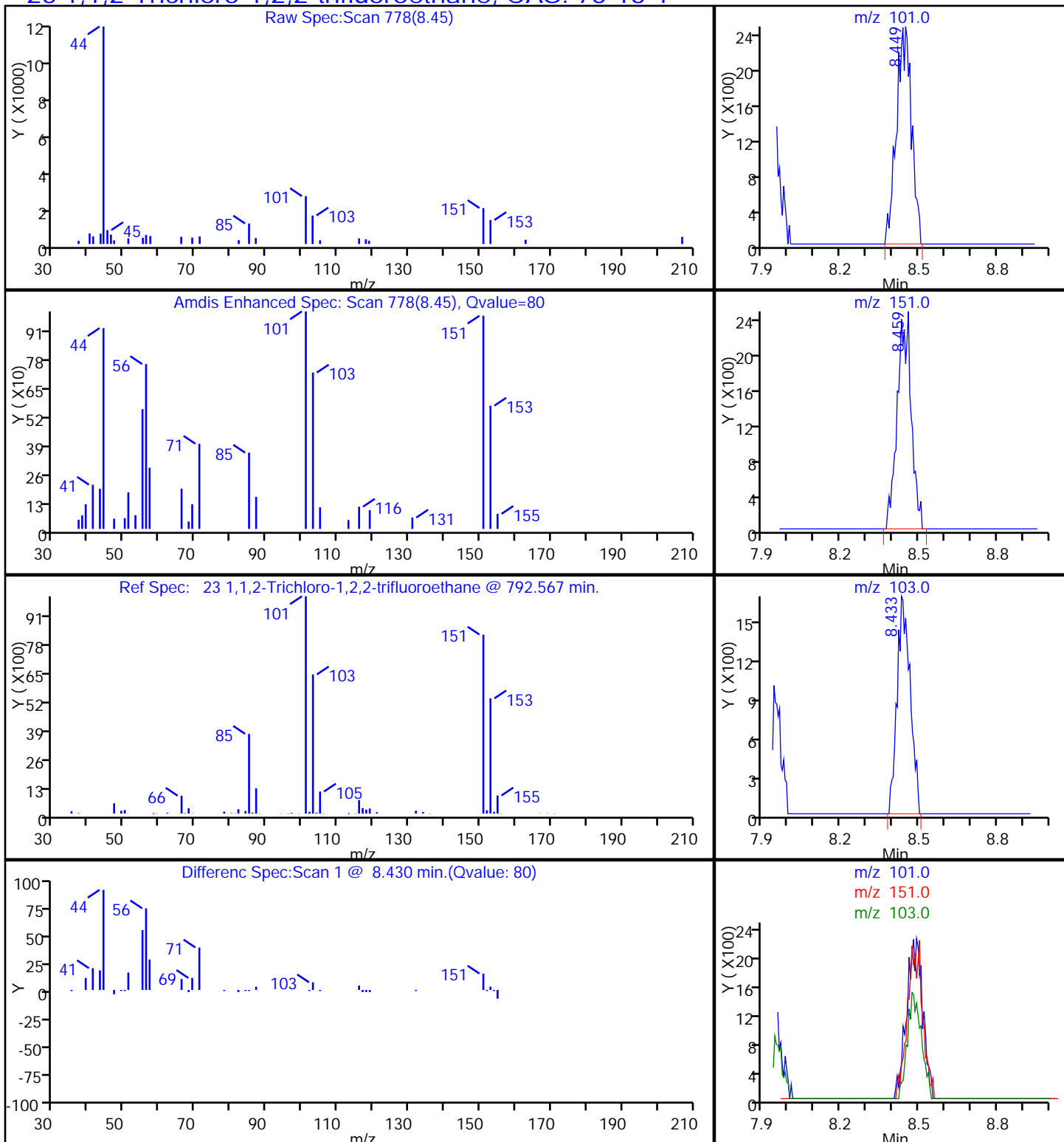
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

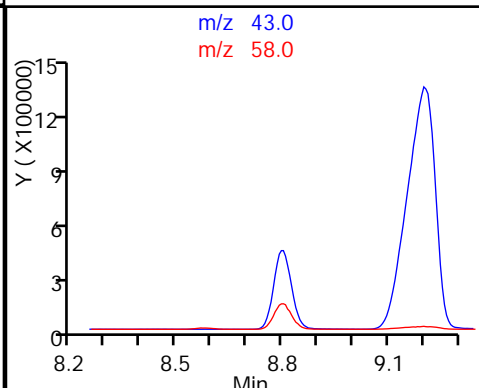
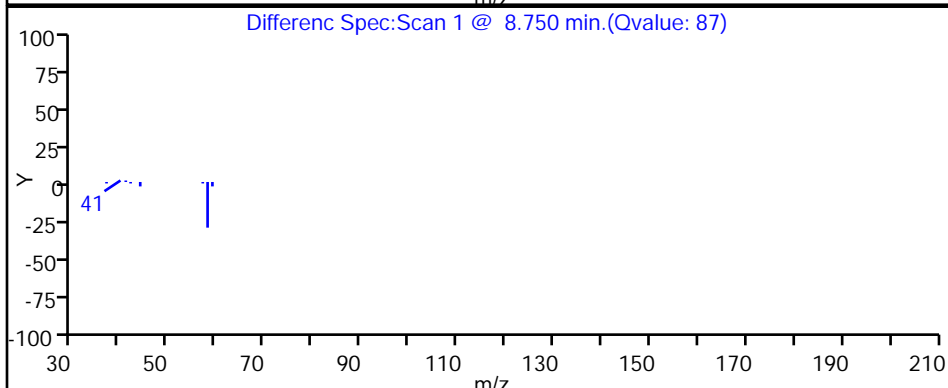
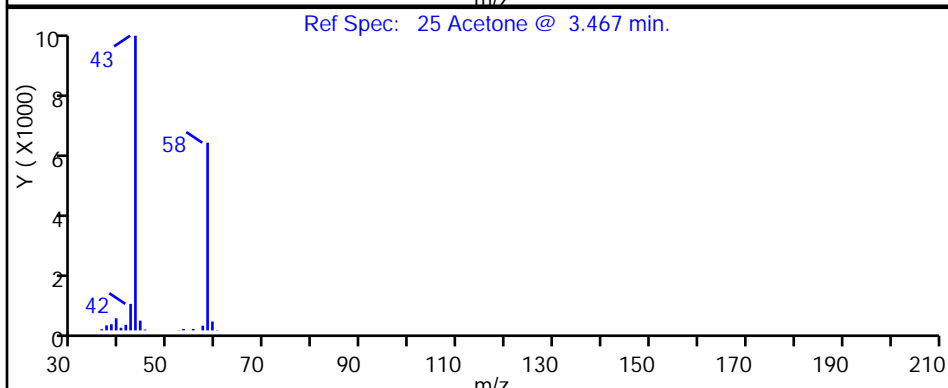
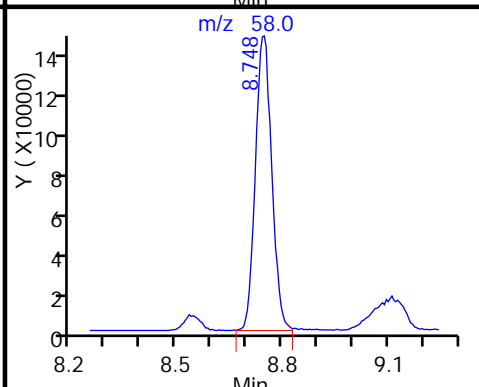
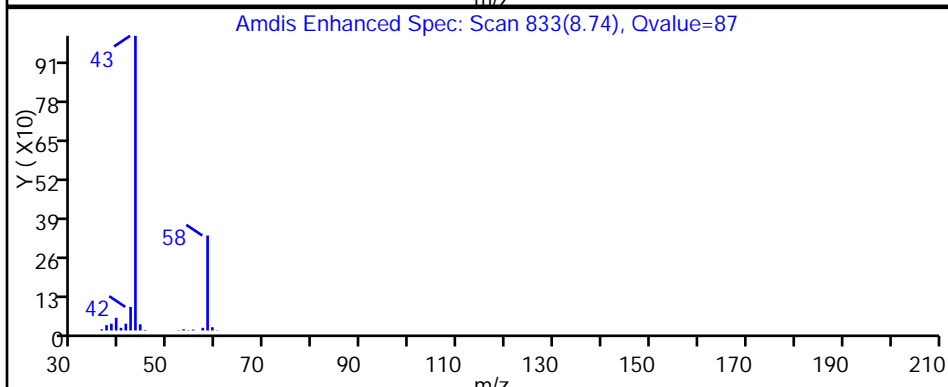
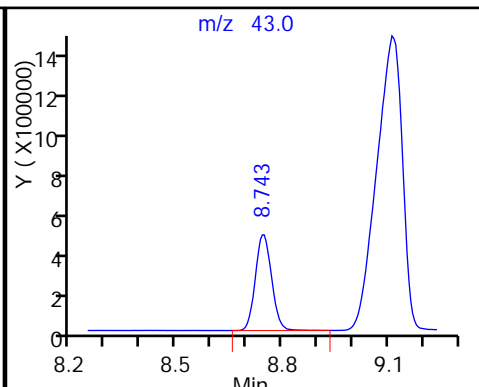
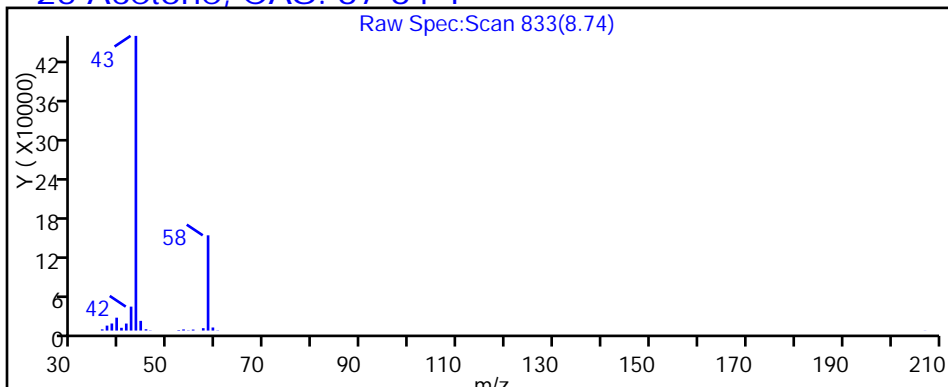
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

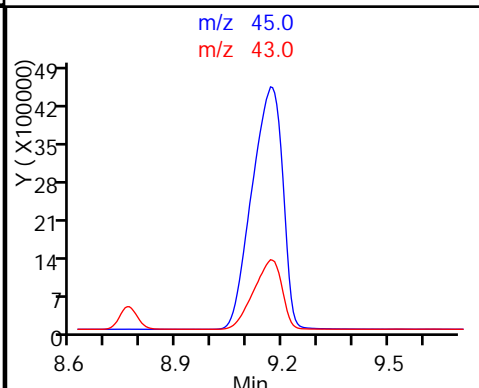
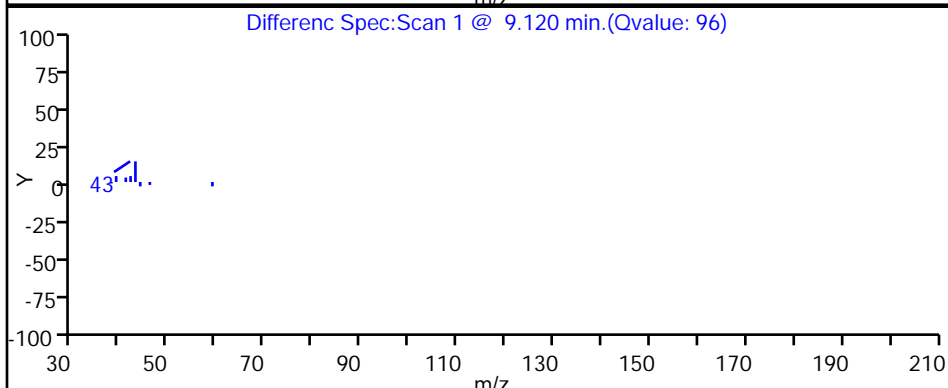
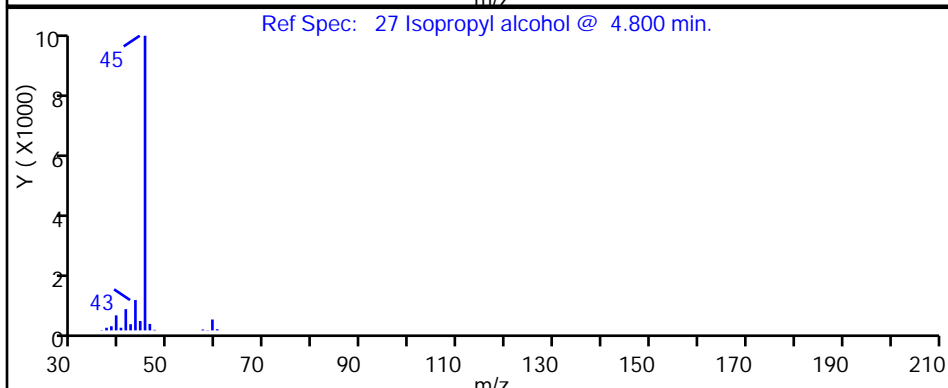
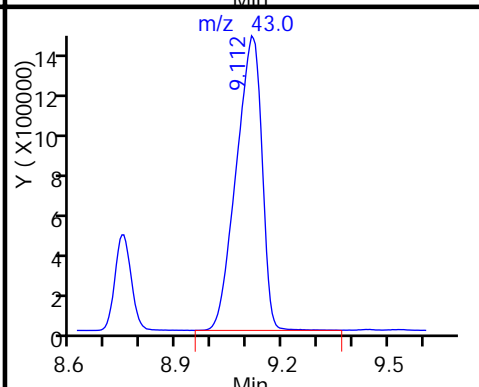
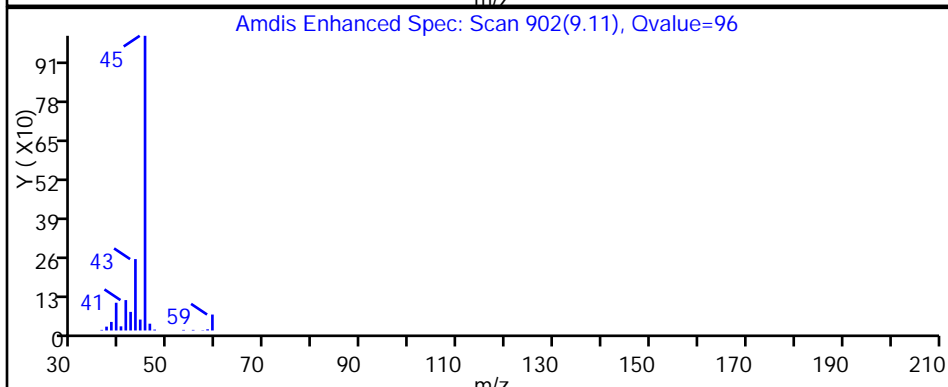
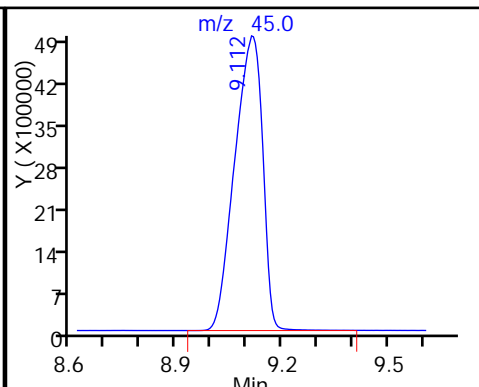
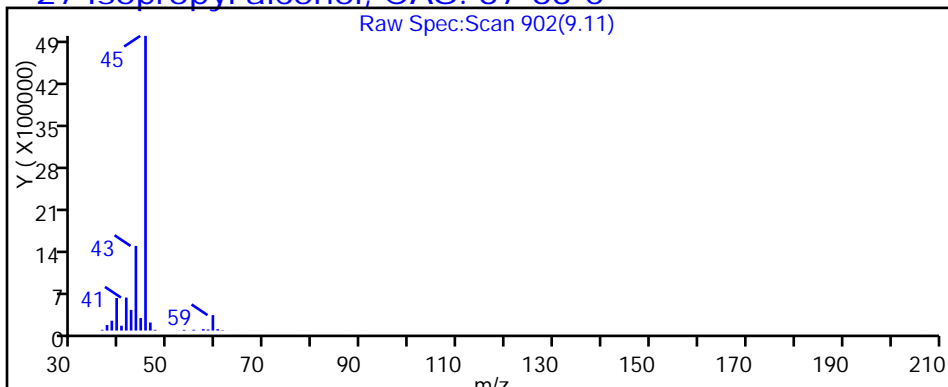
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

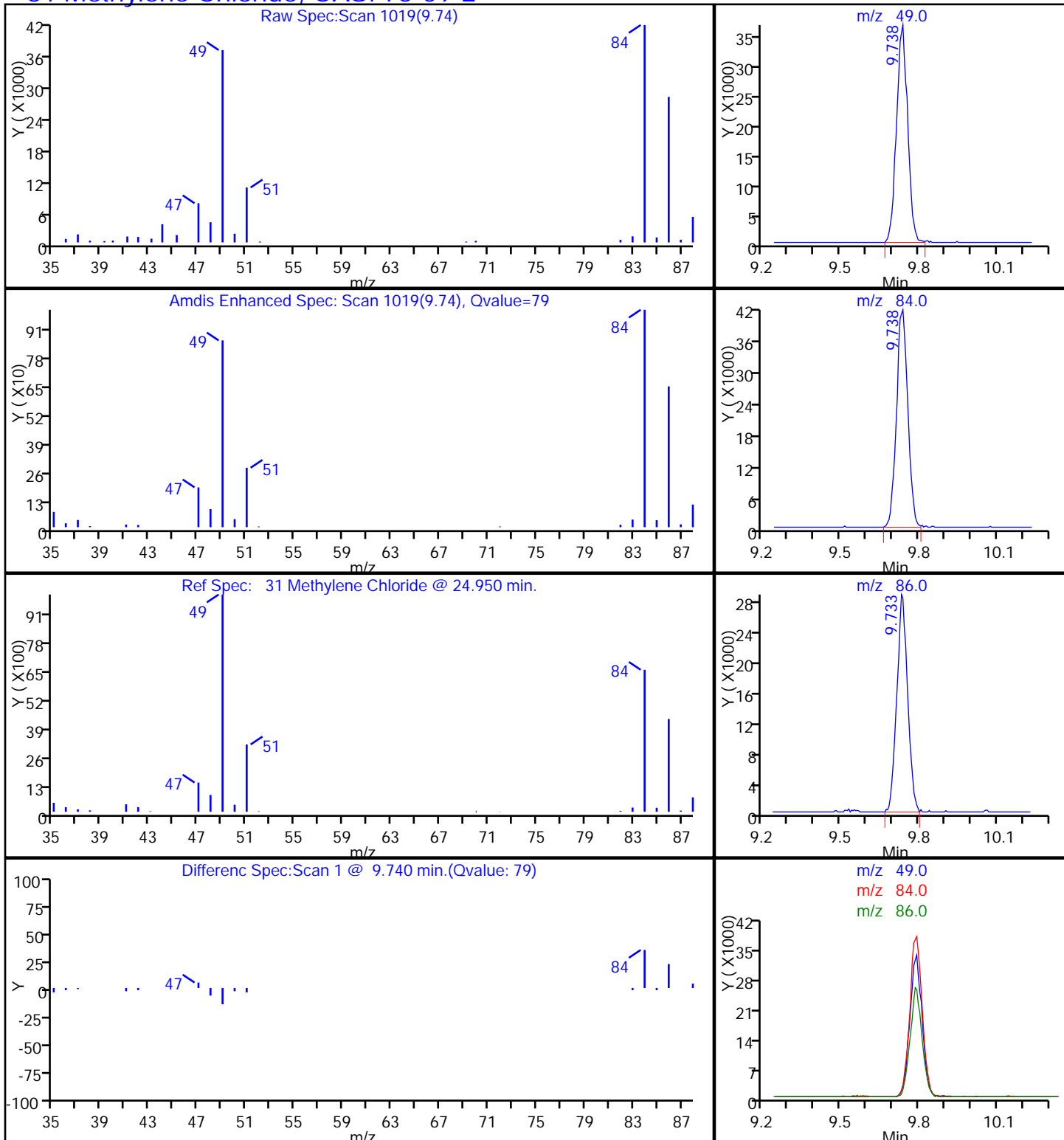
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

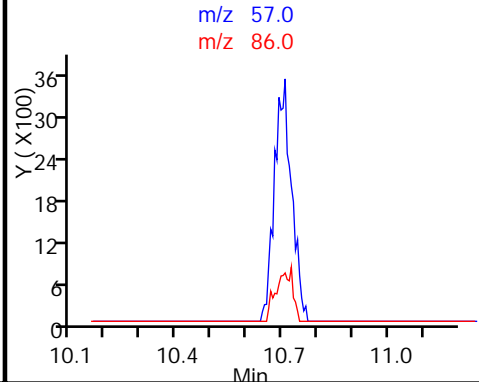
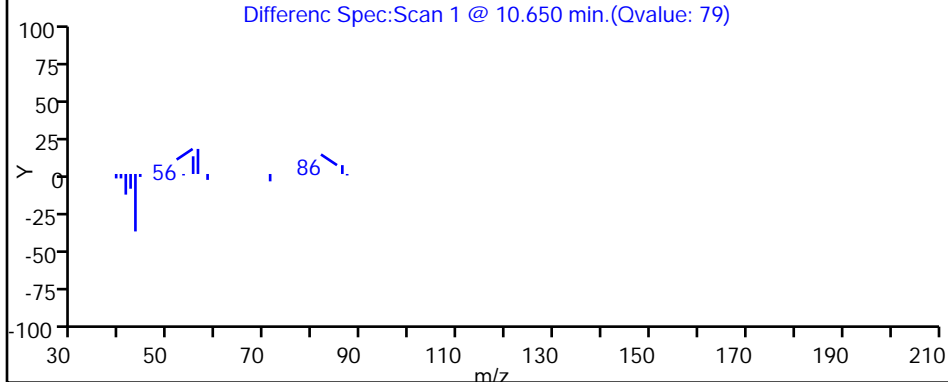
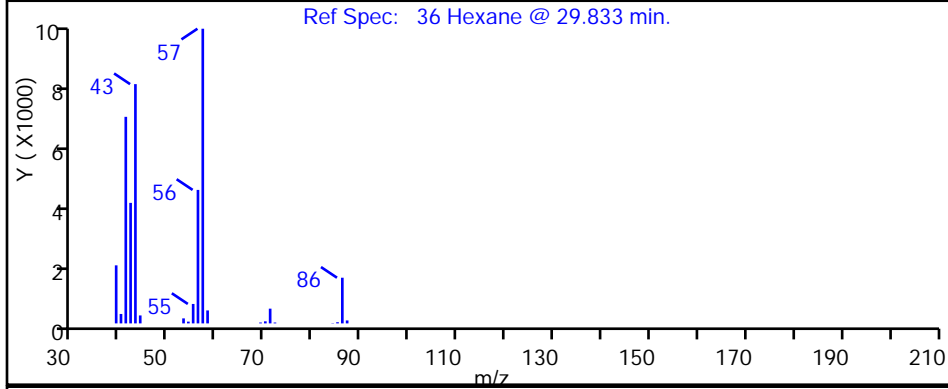
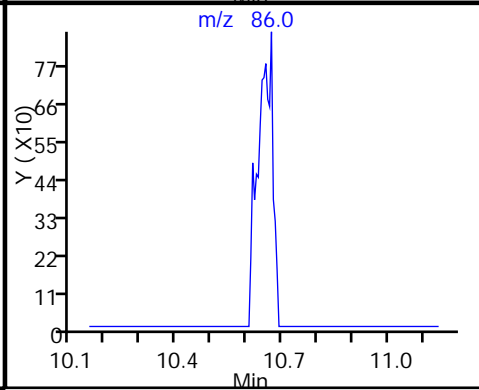
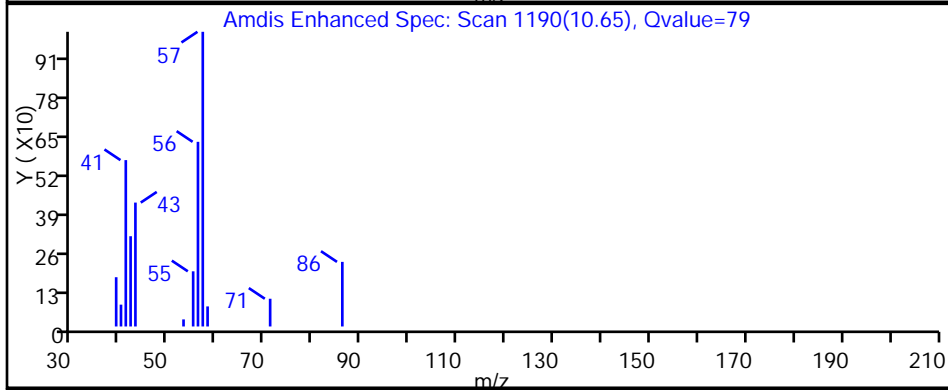
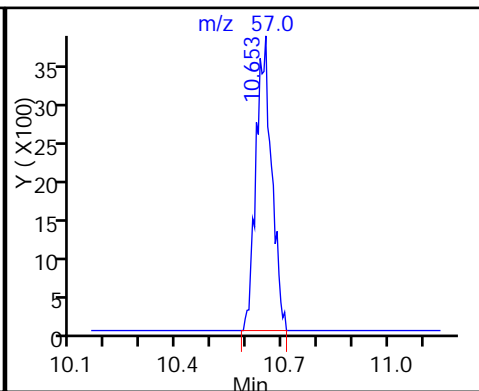
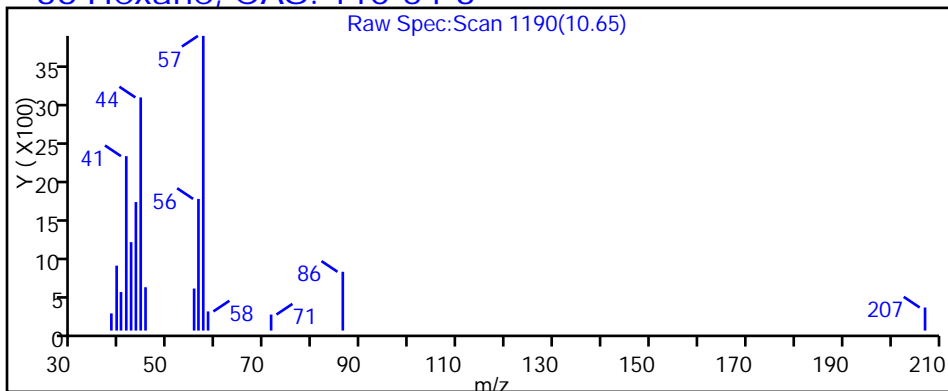
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

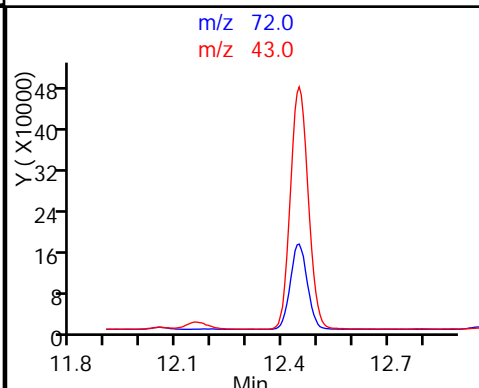
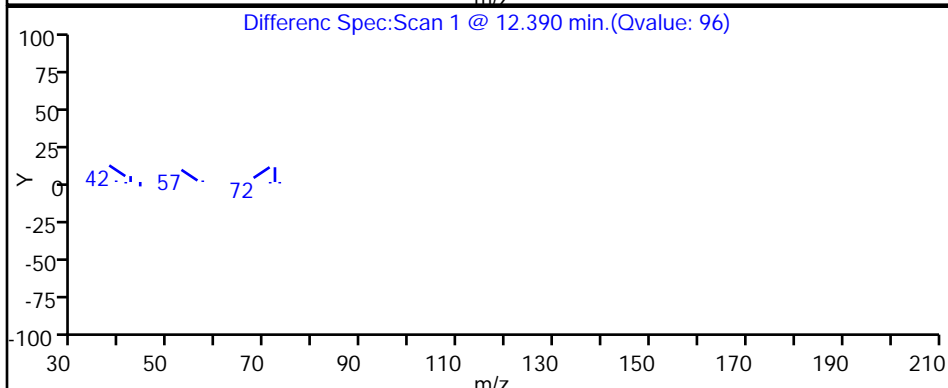
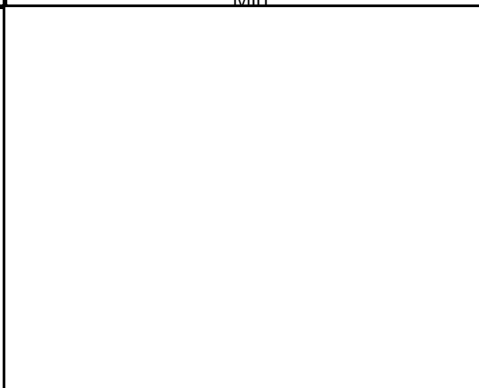
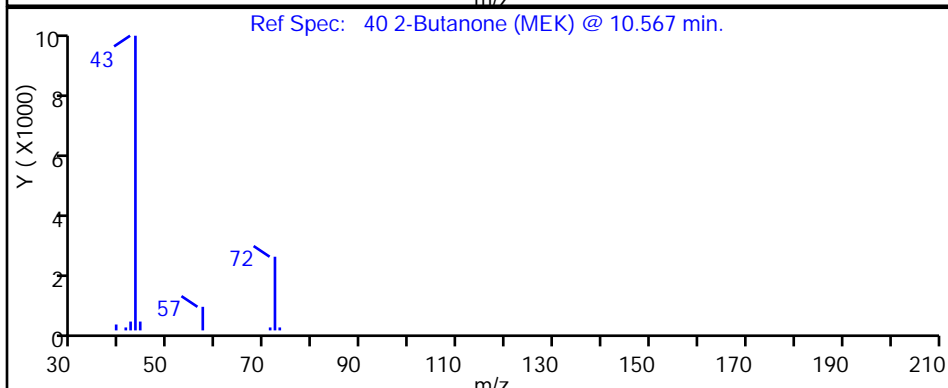
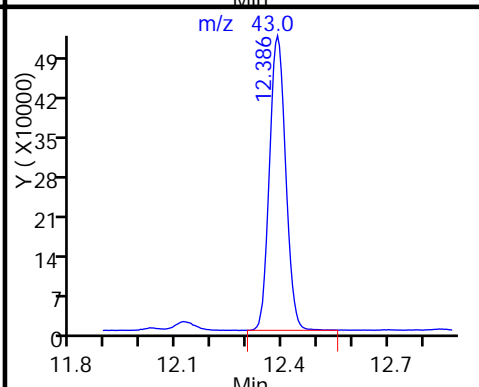
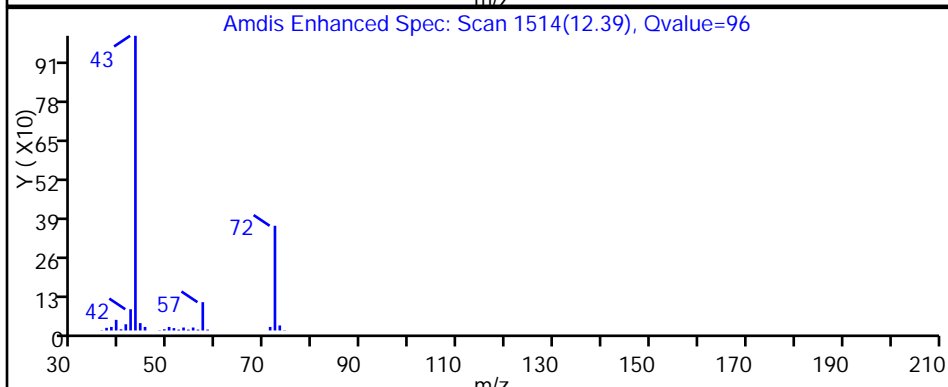
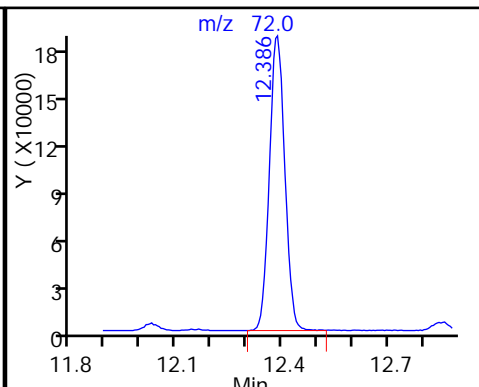
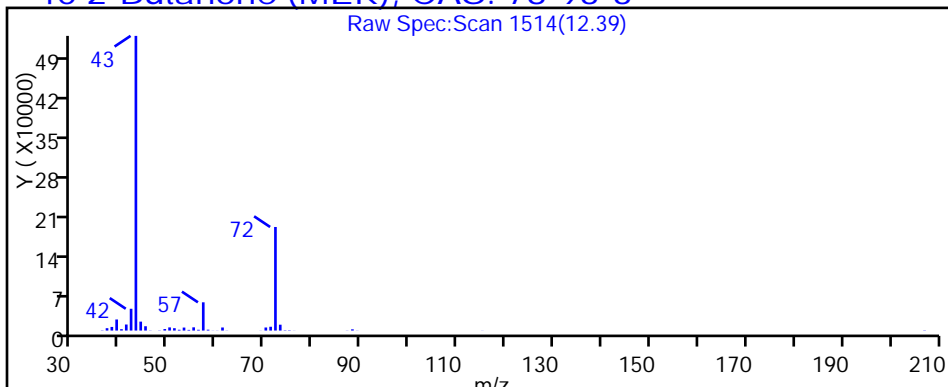
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

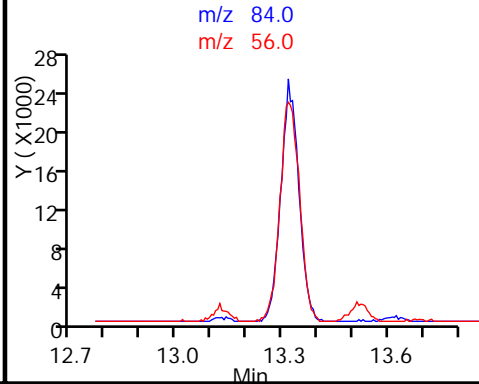
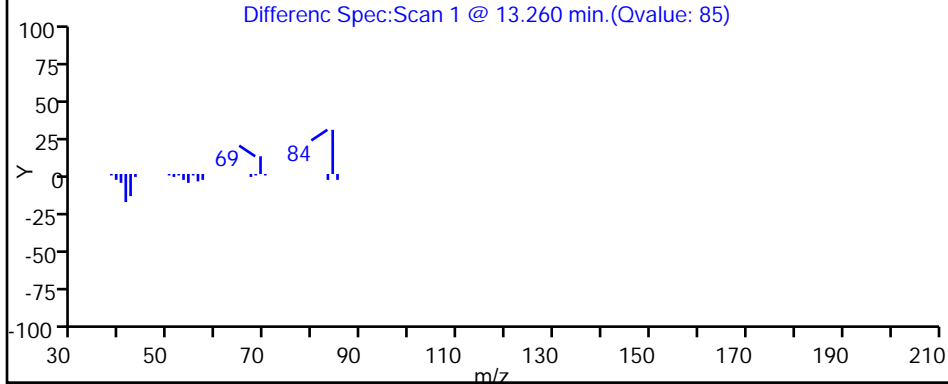
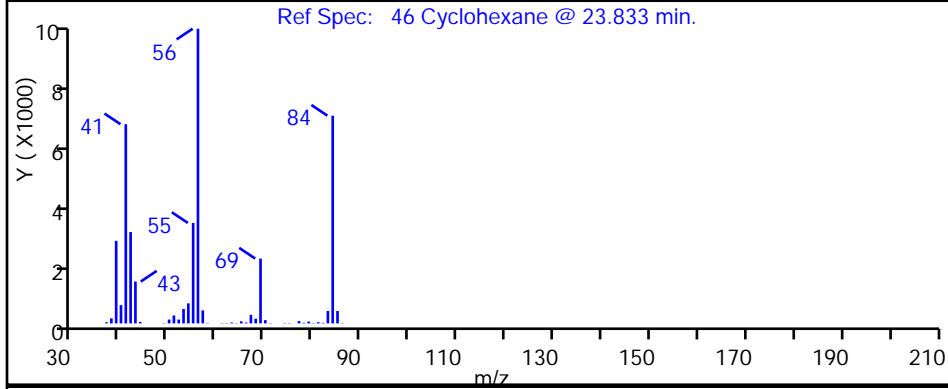
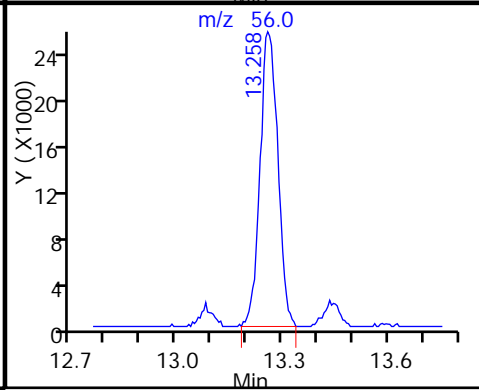
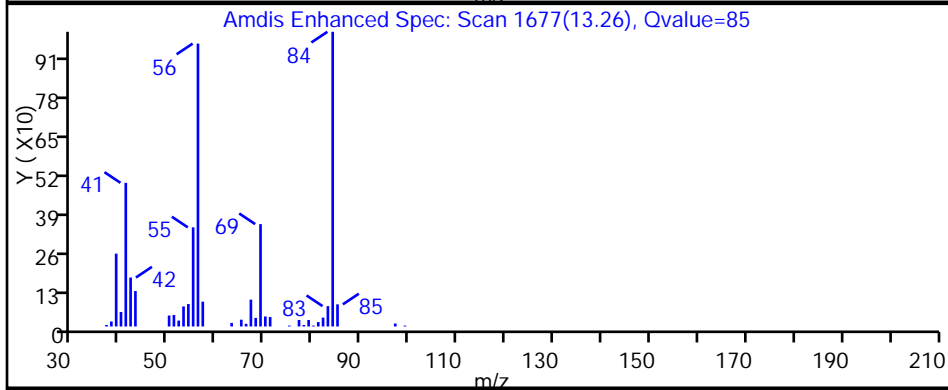
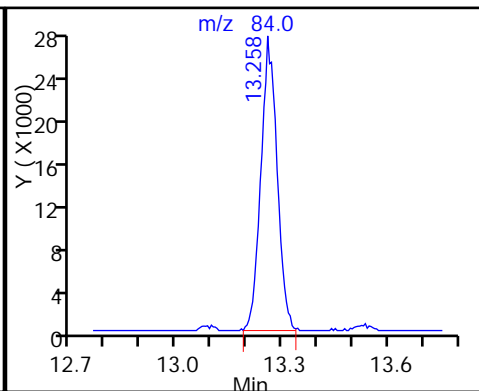
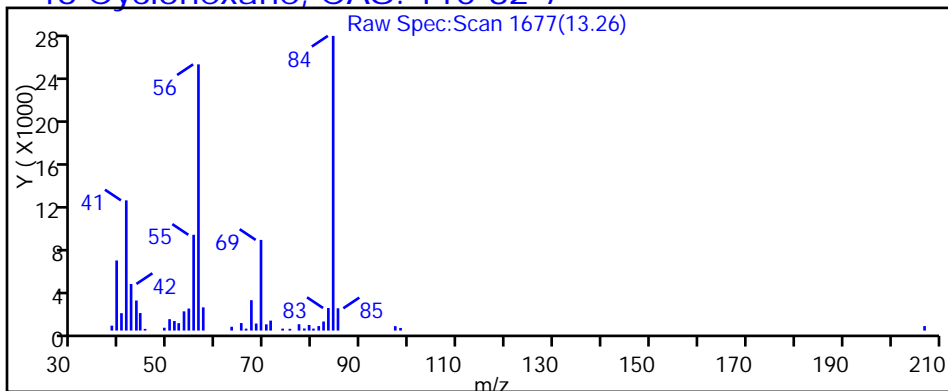
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

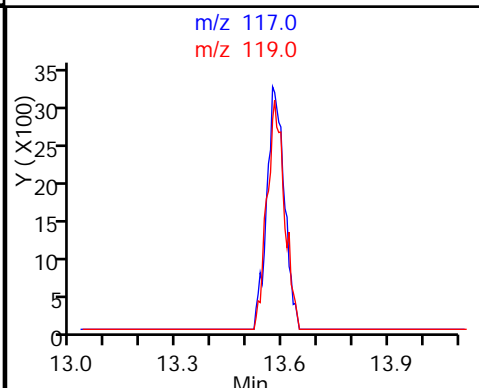
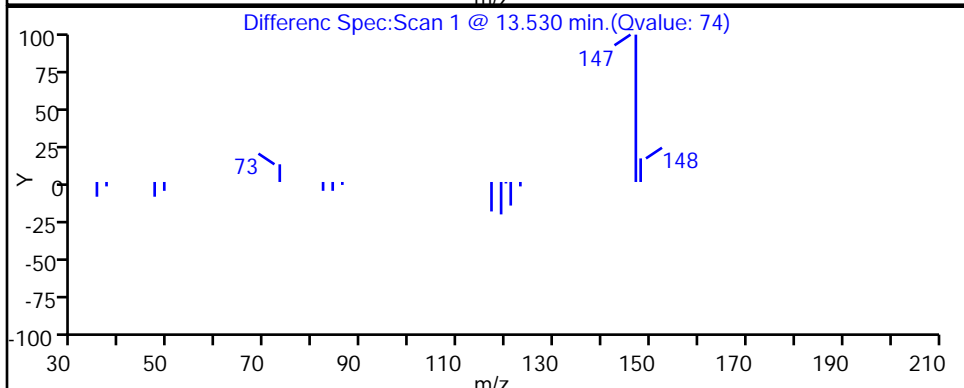
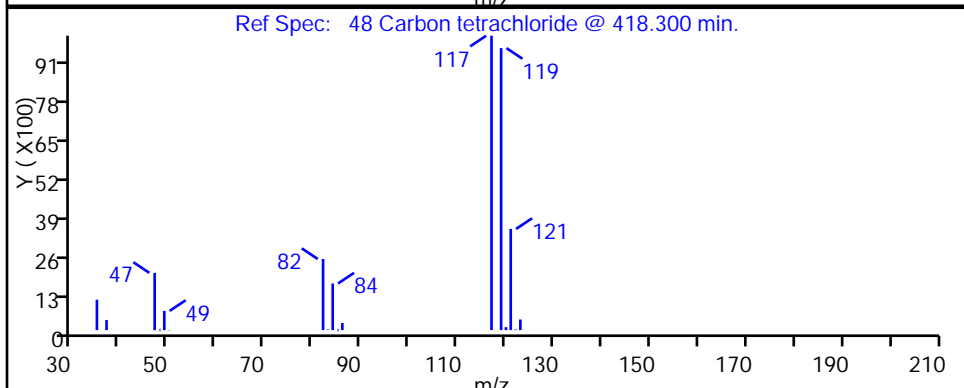
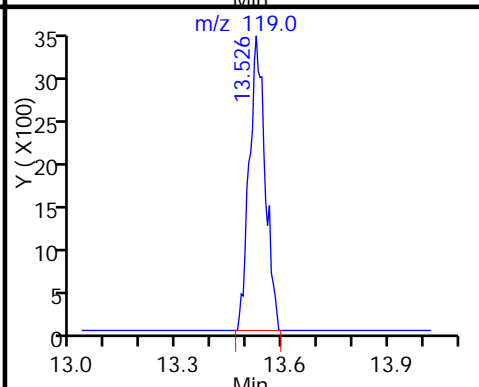
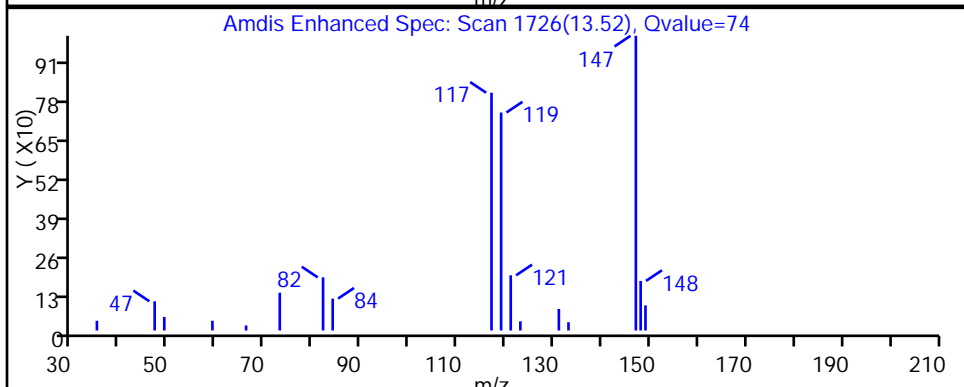
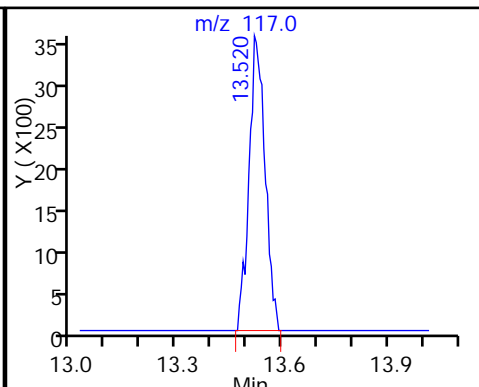
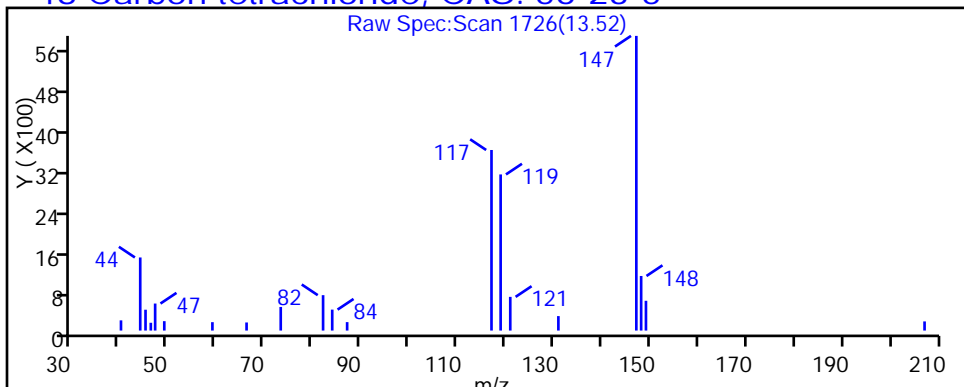
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

48 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

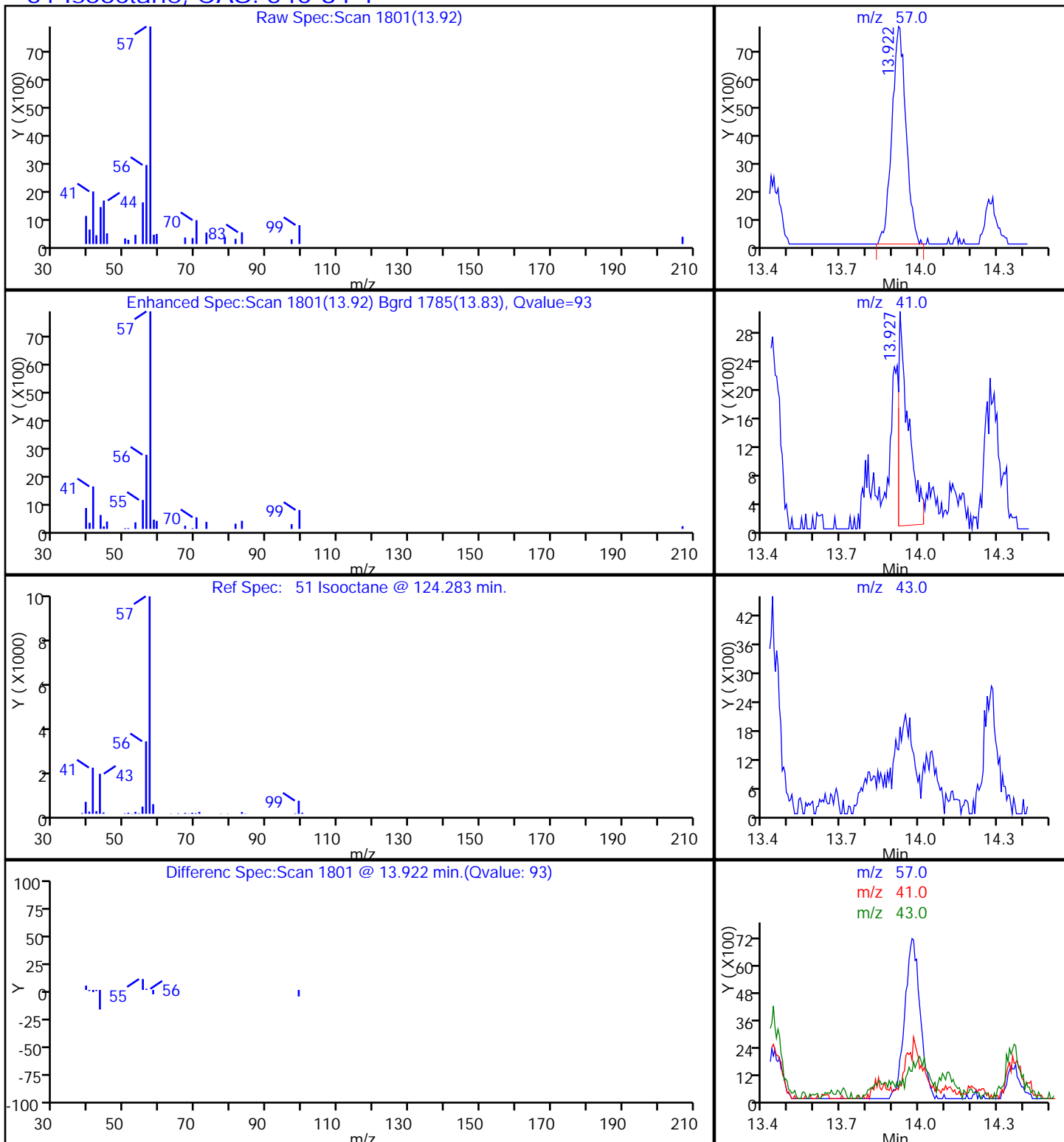
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

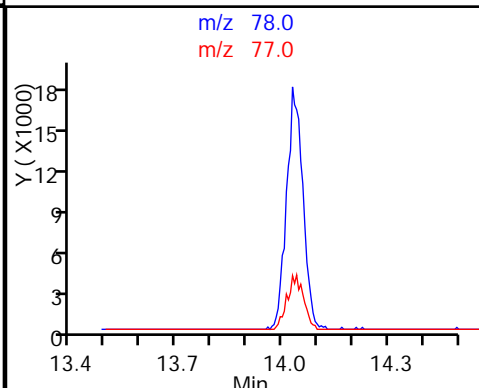
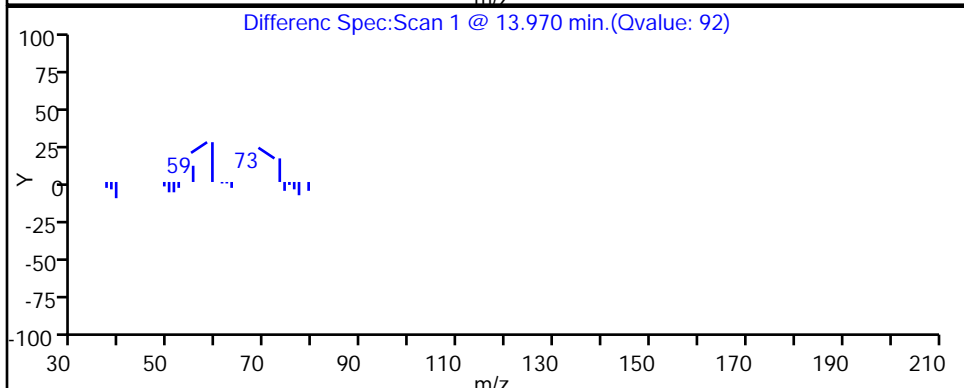
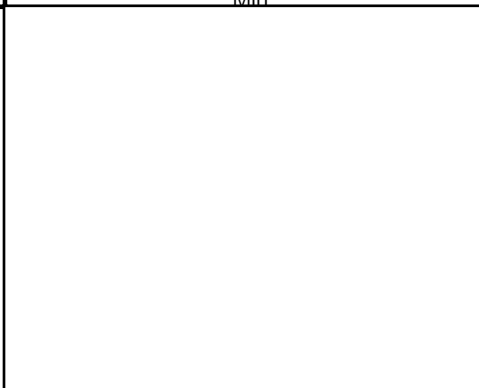
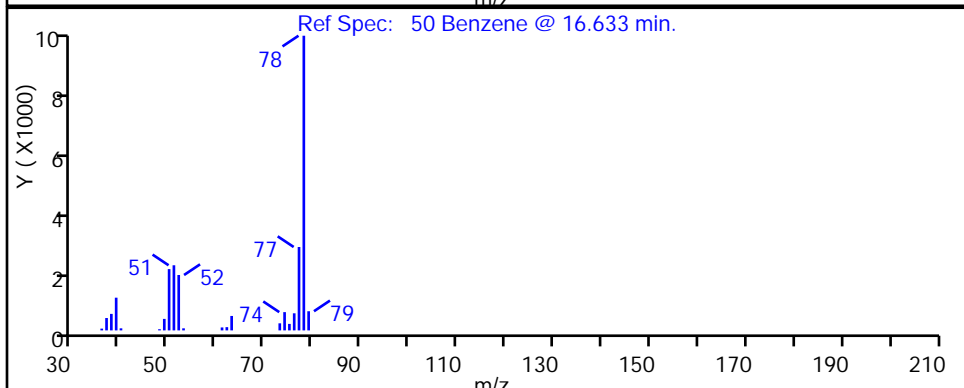
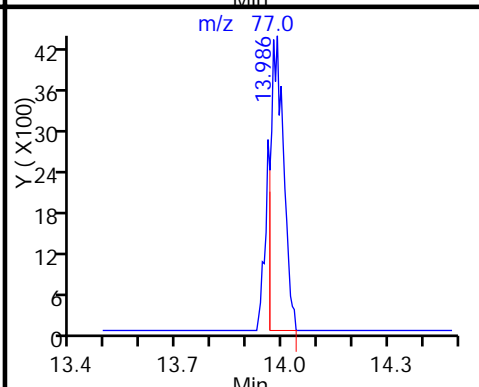
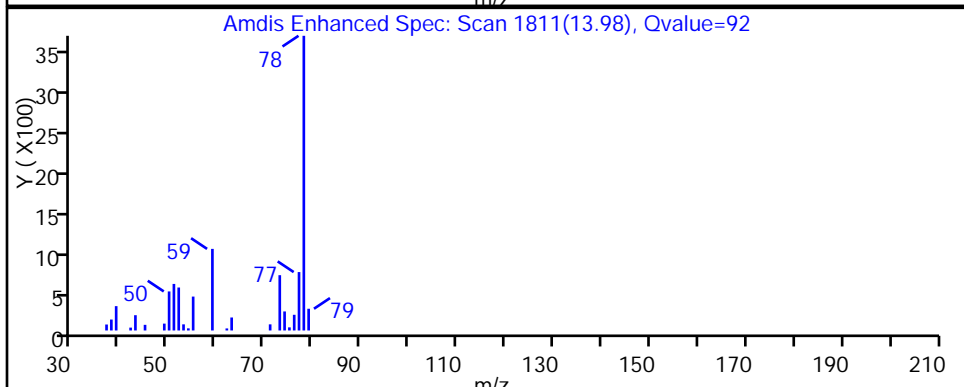
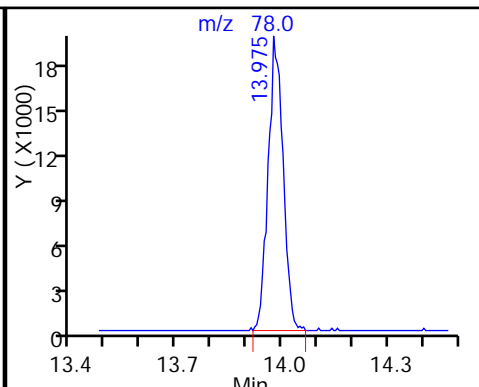
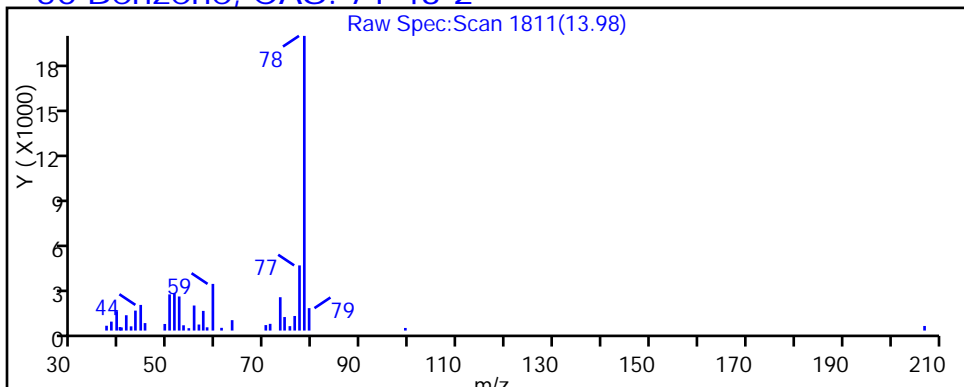
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

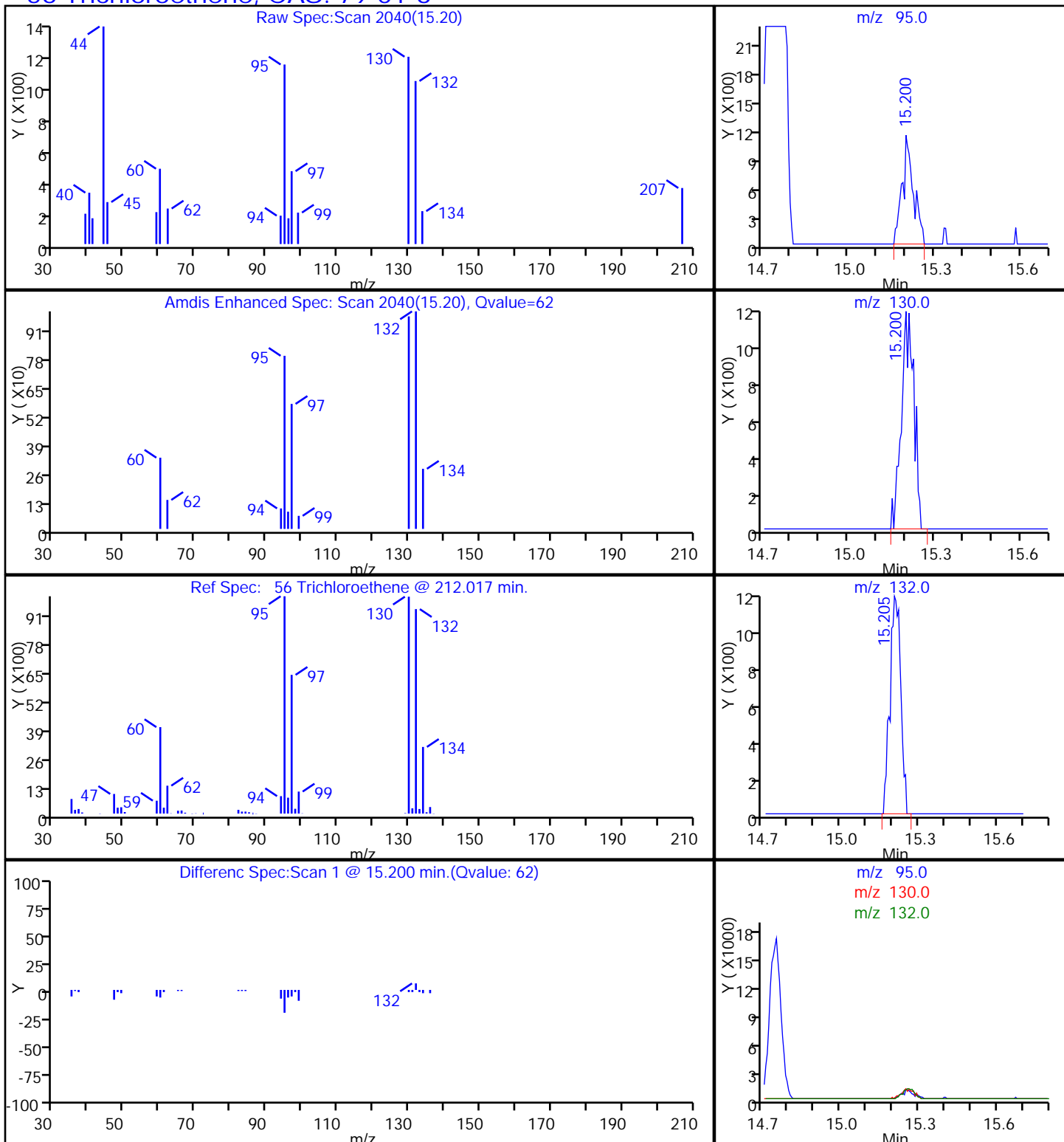
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

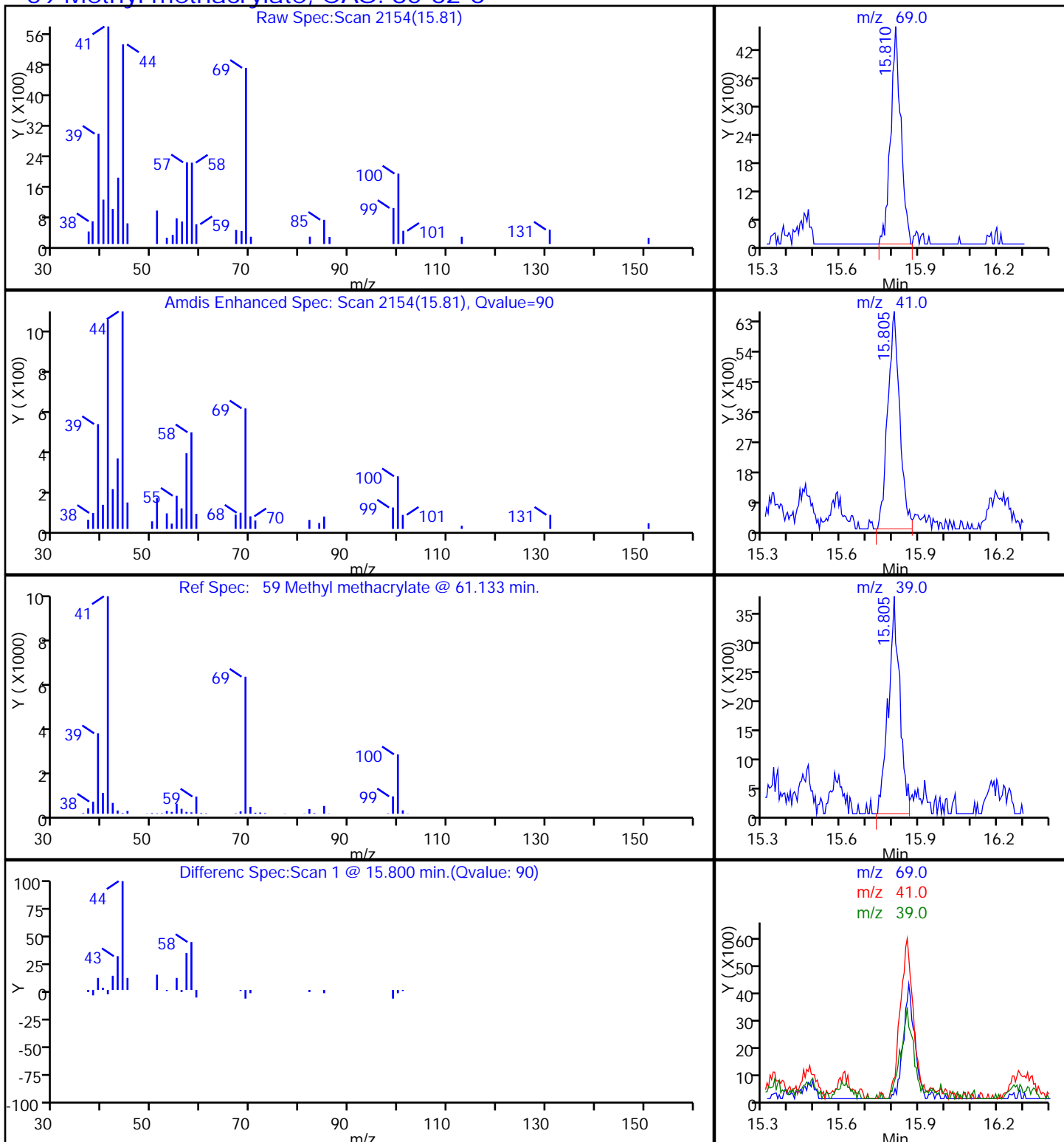
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 Methyl methacrylate, CAS: 80-62-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

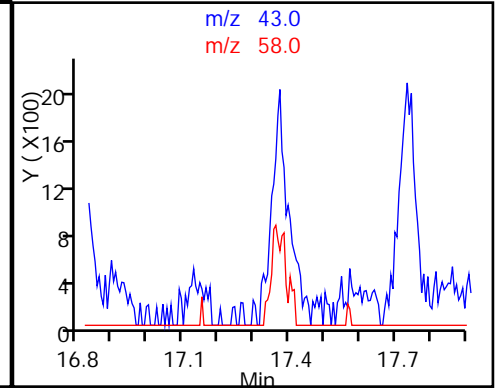
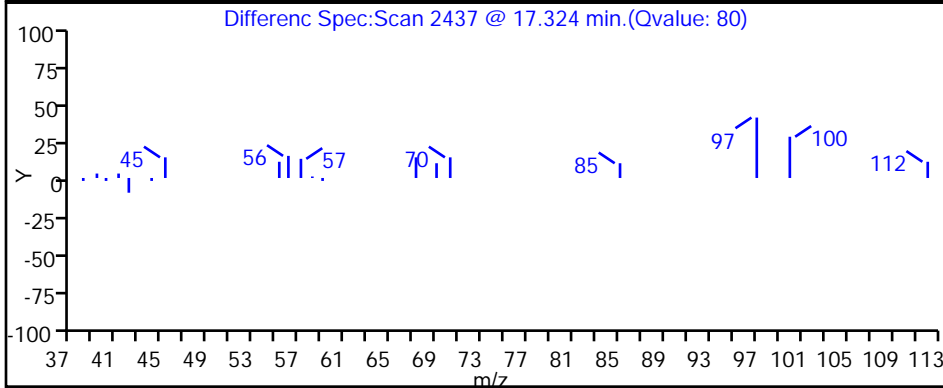
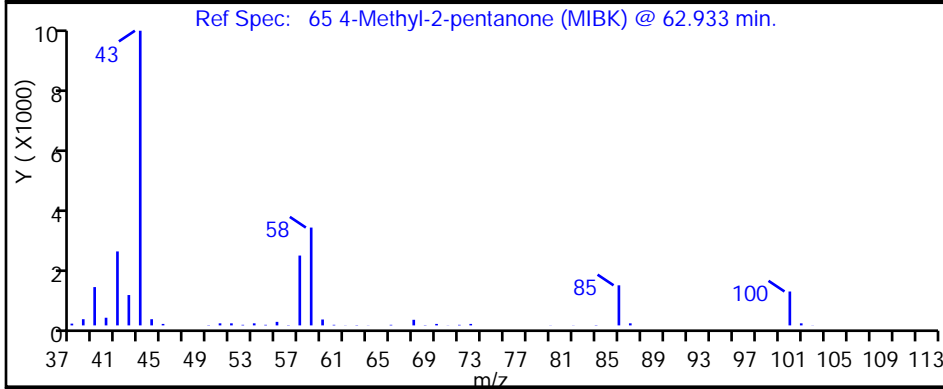
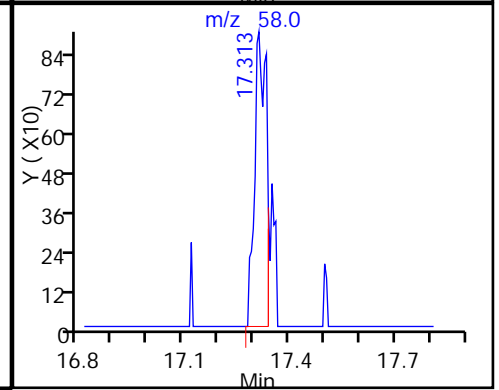
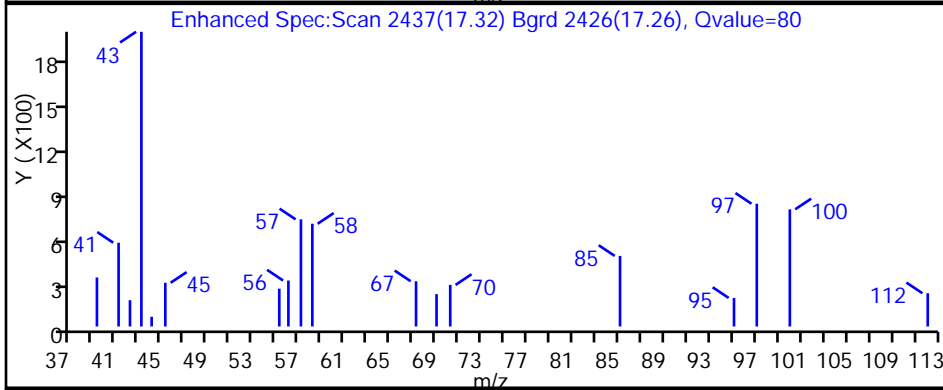
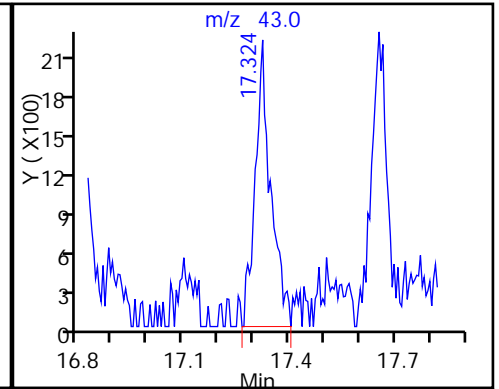
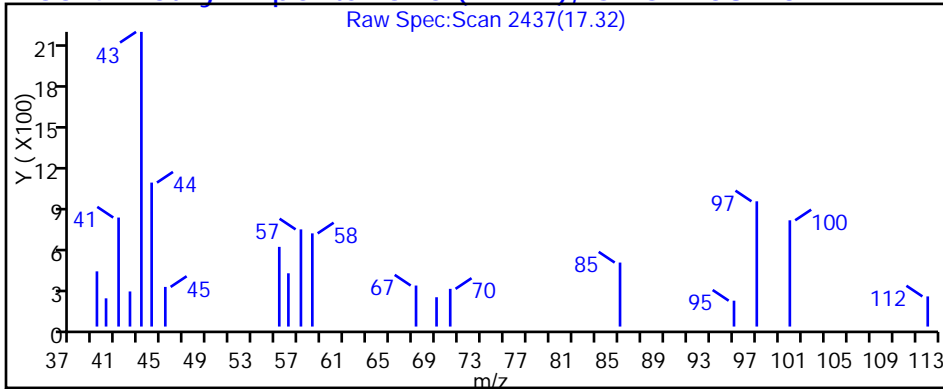
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

65 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

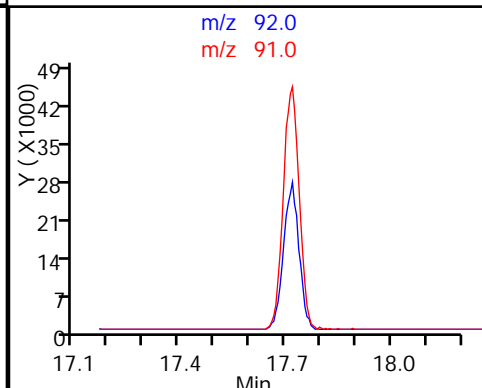
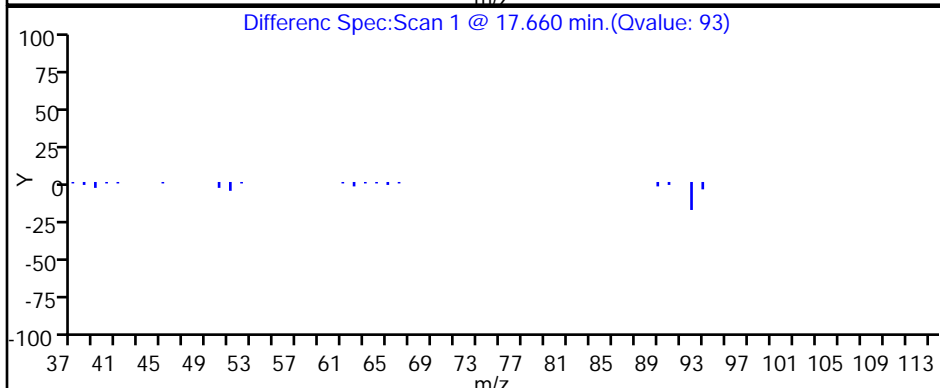
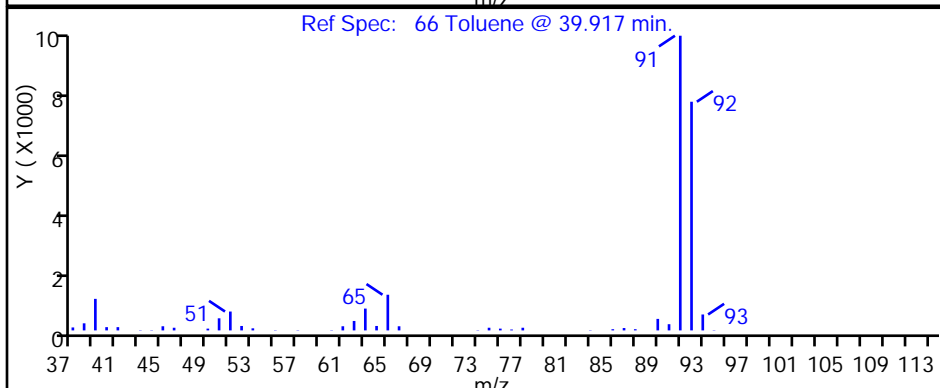
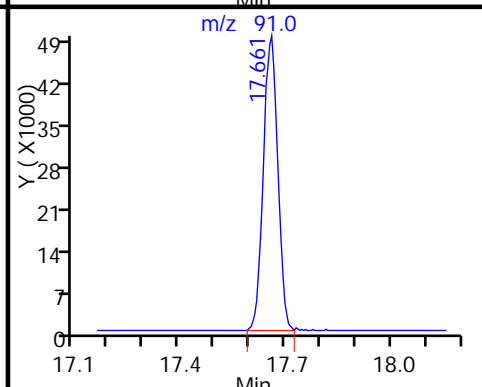
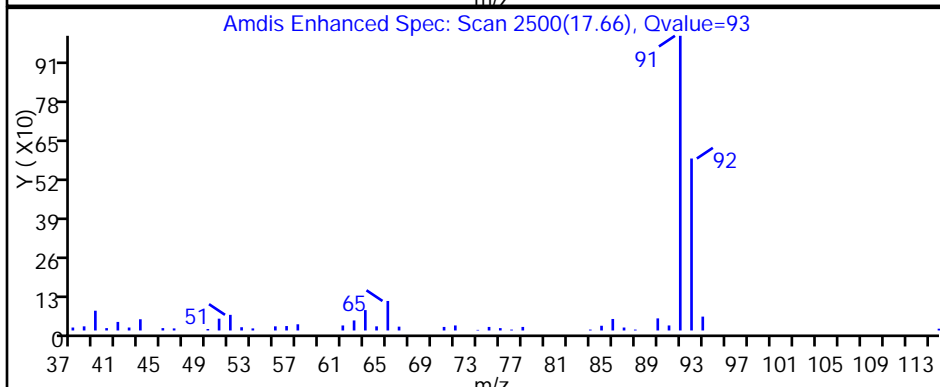
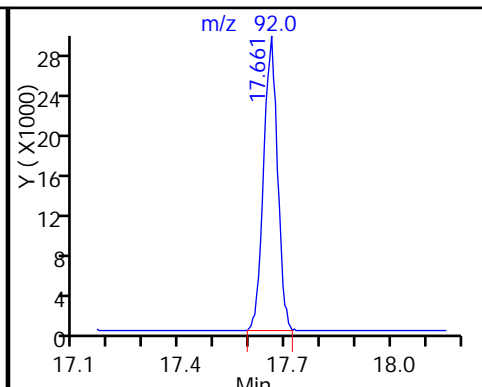
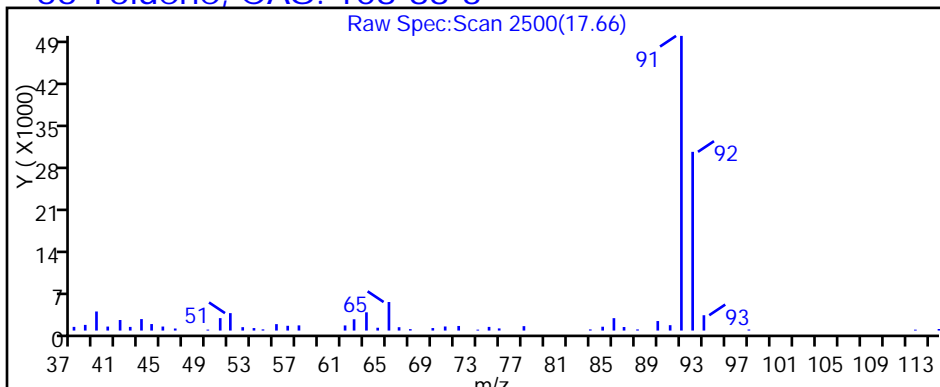
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

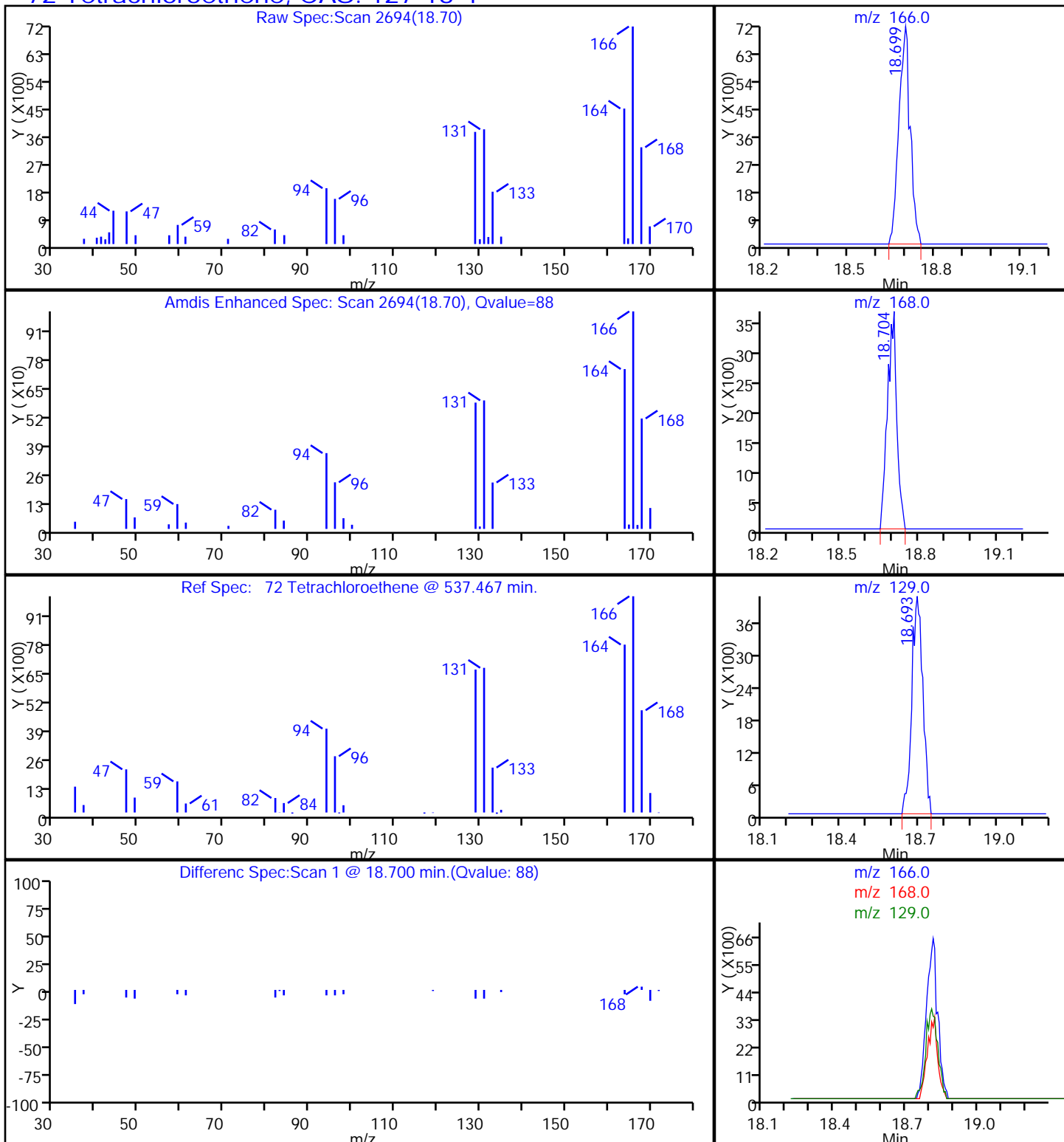
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

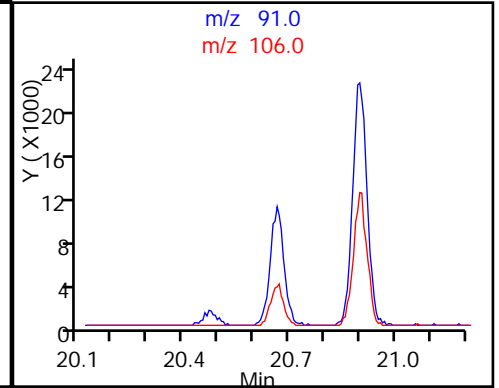
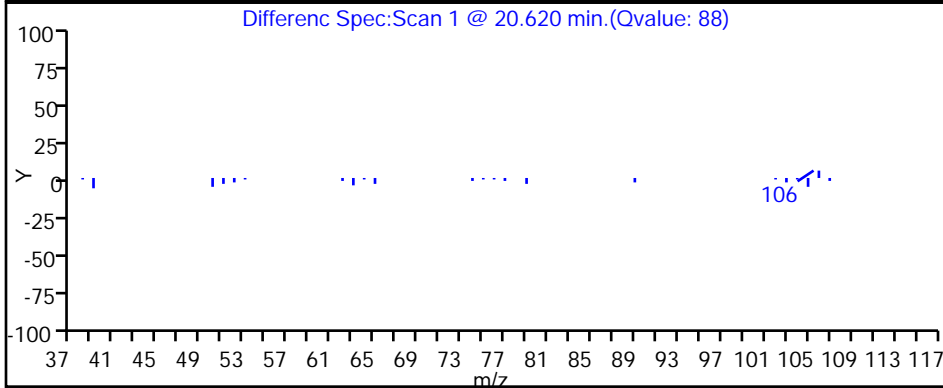
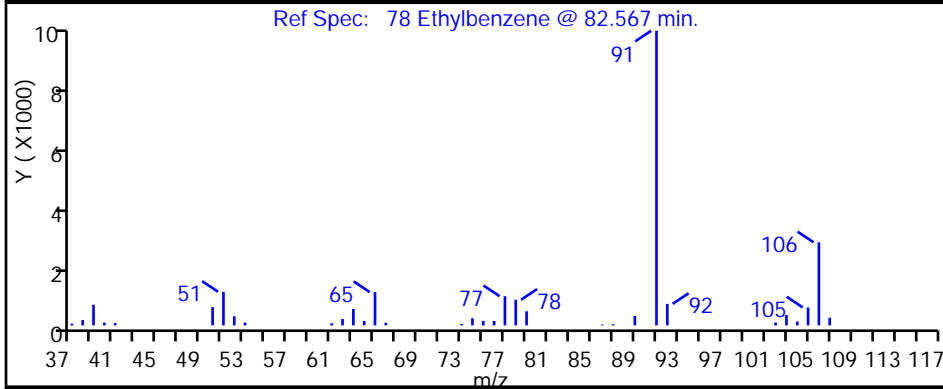
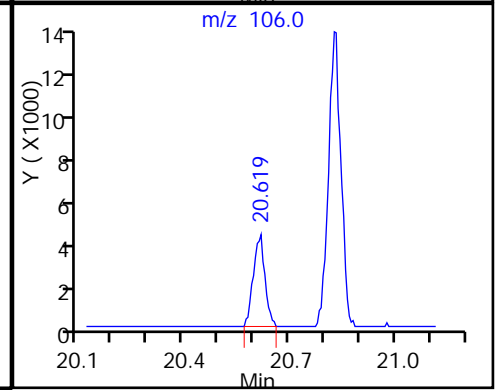
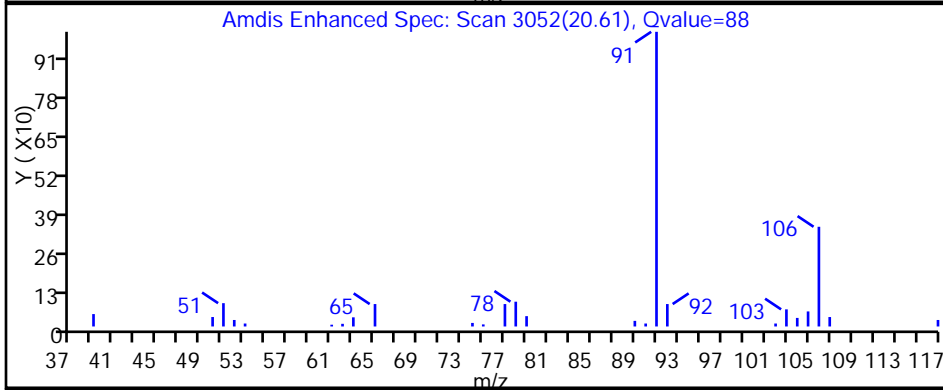
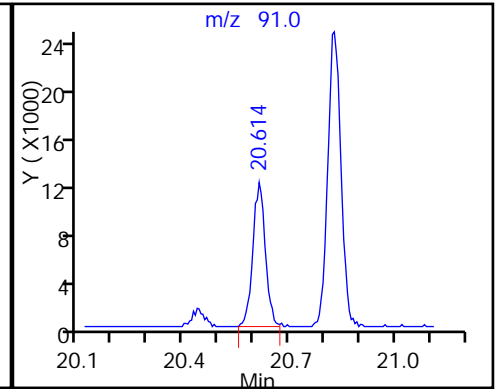
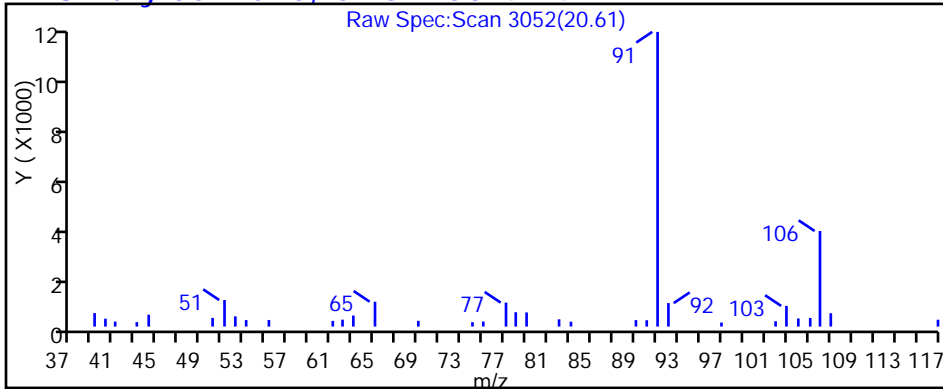
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

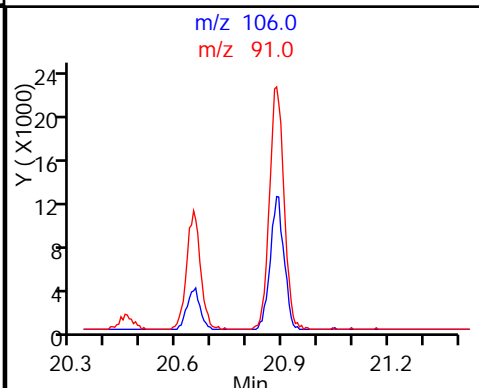
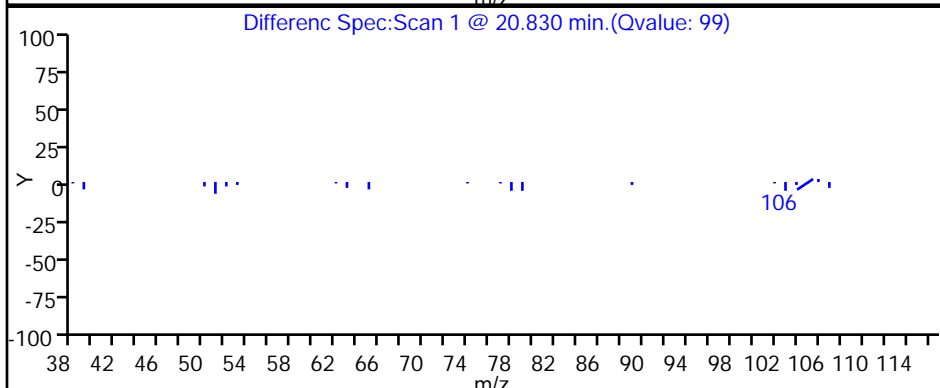
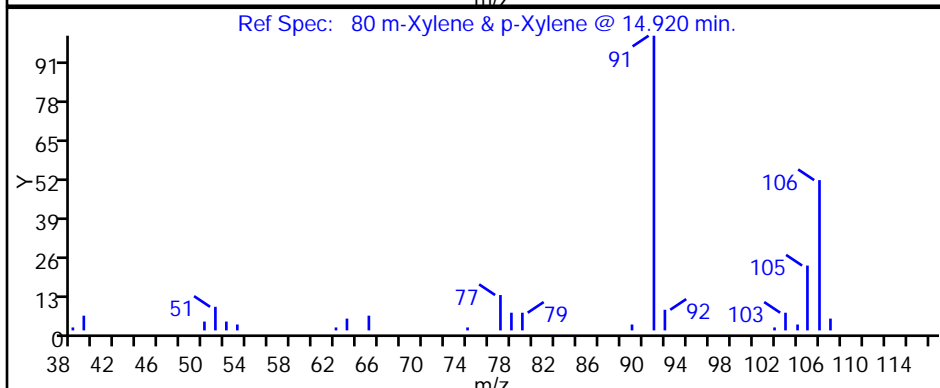
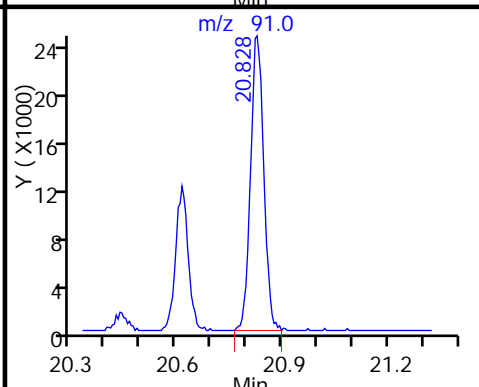
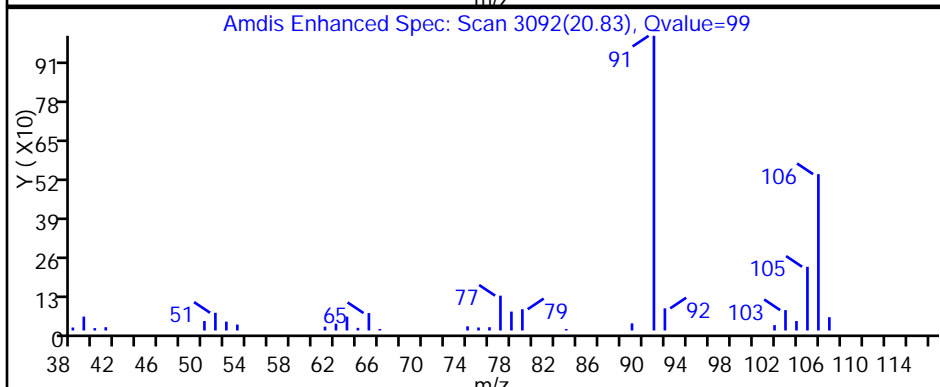
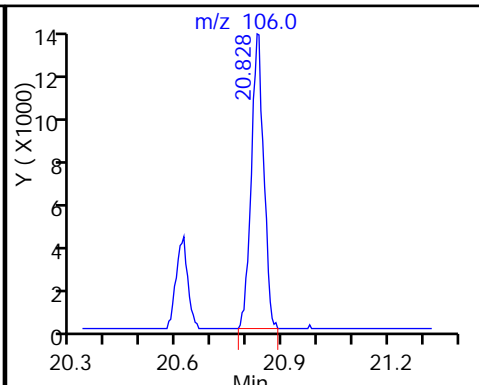
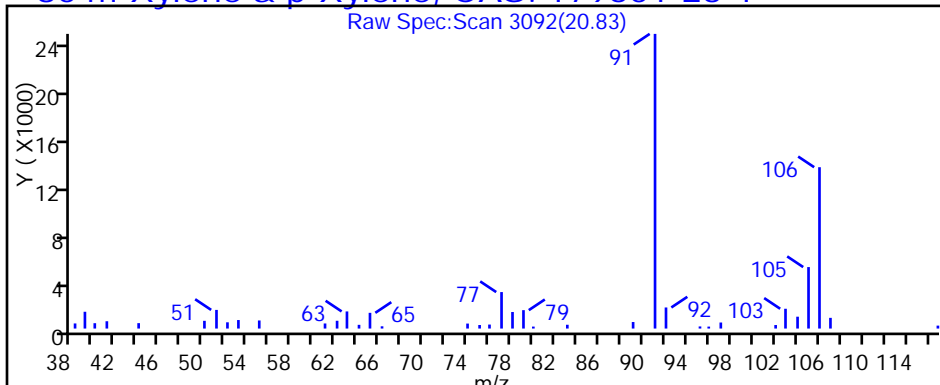
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

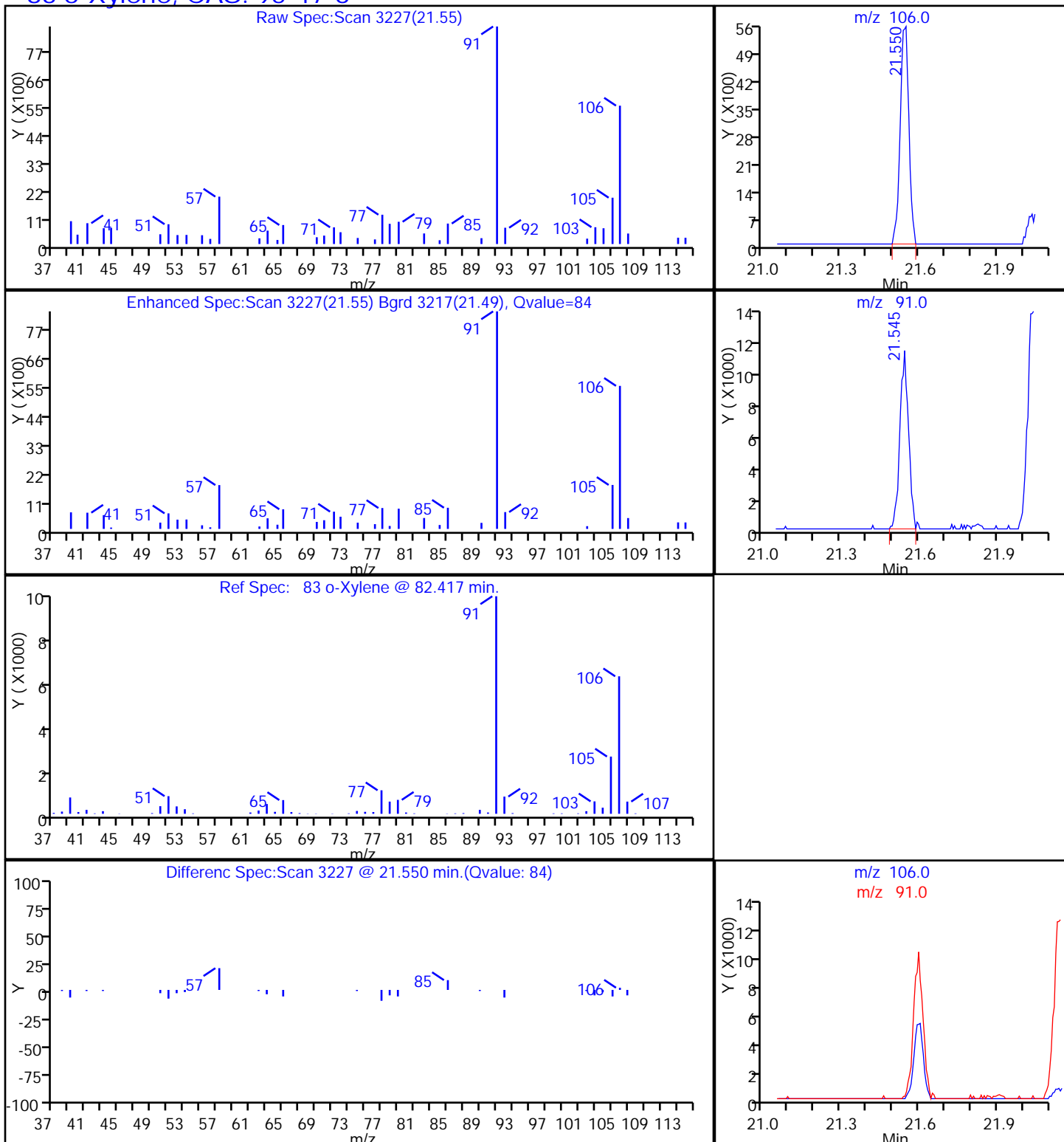
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

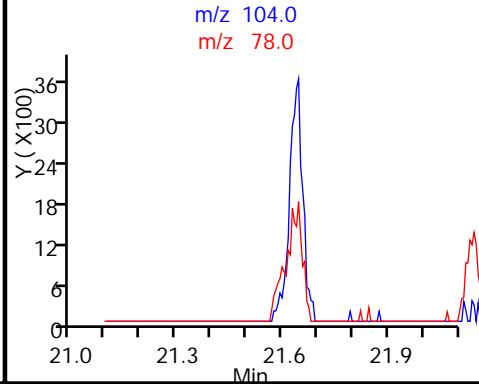
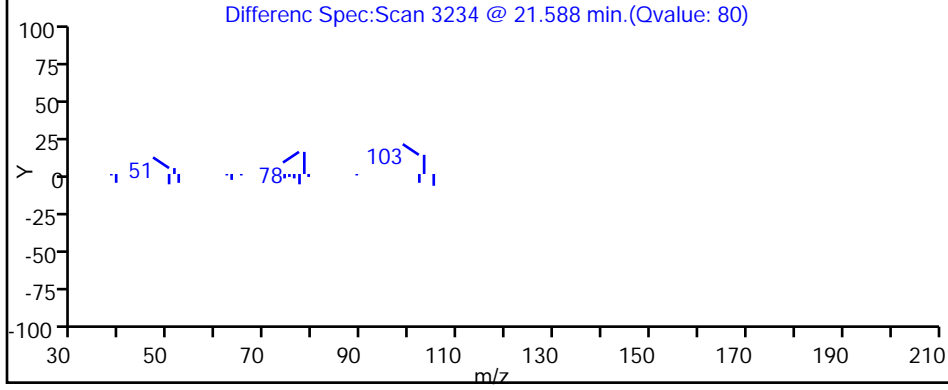
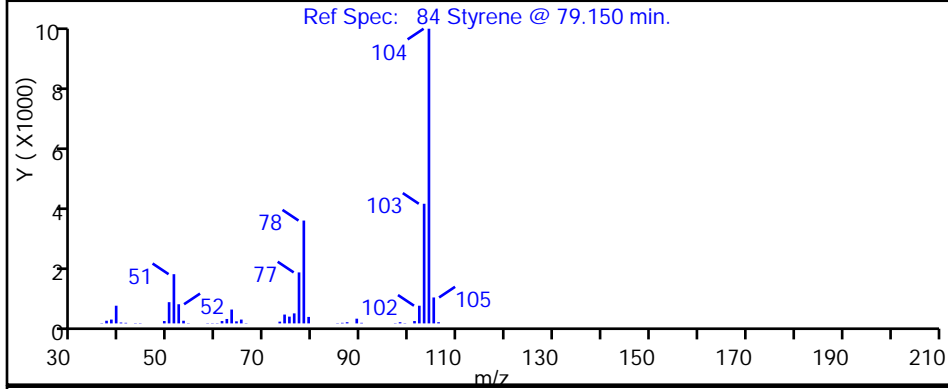
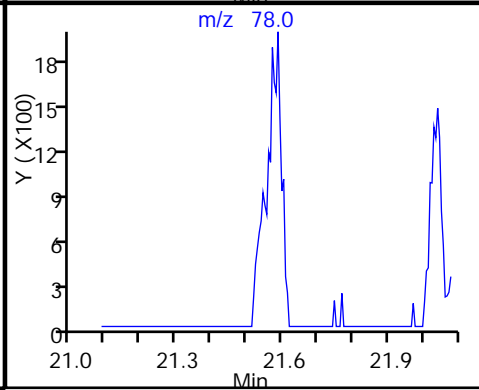
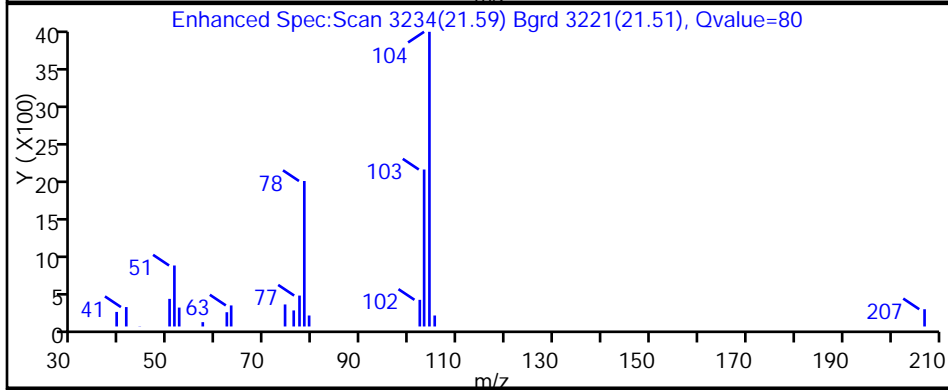
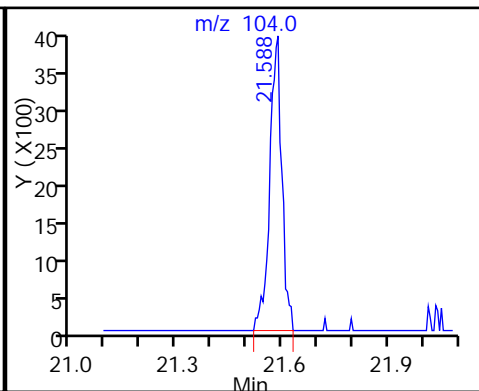
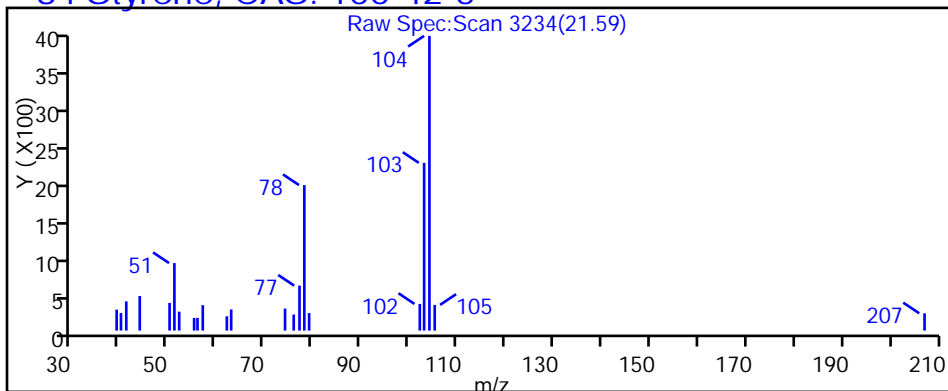
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

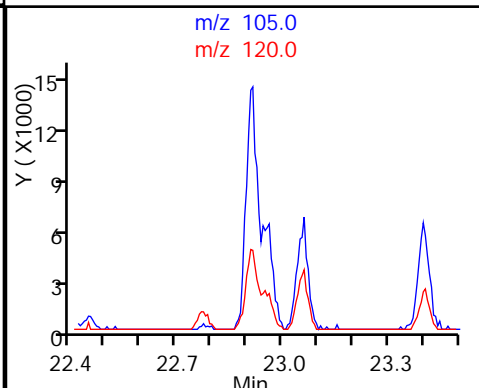
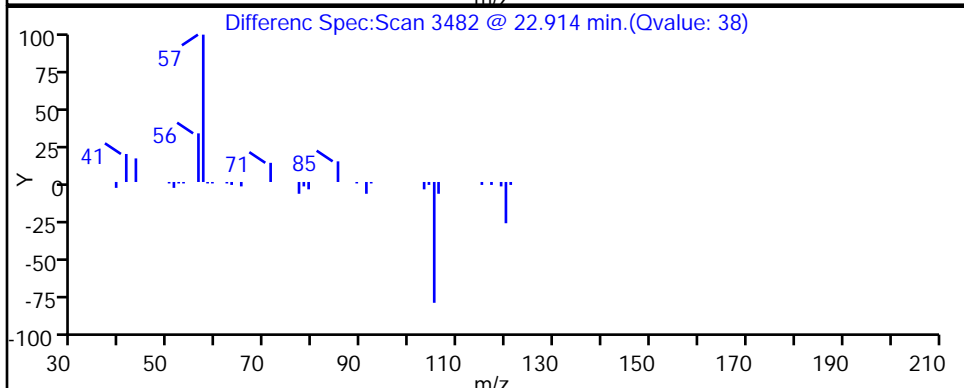
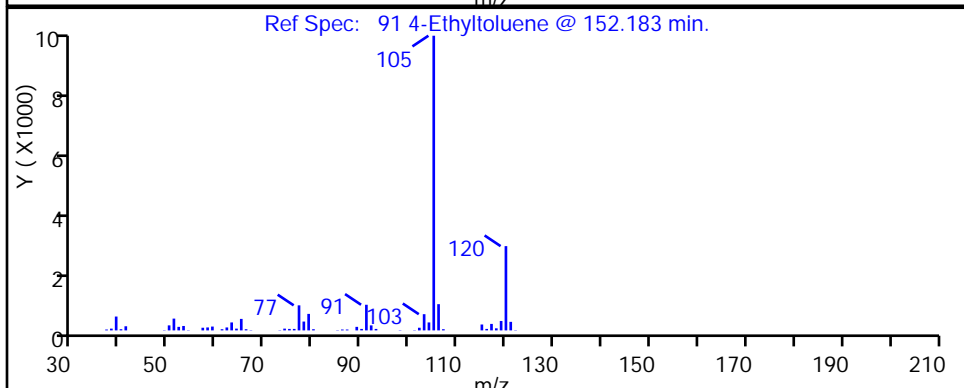
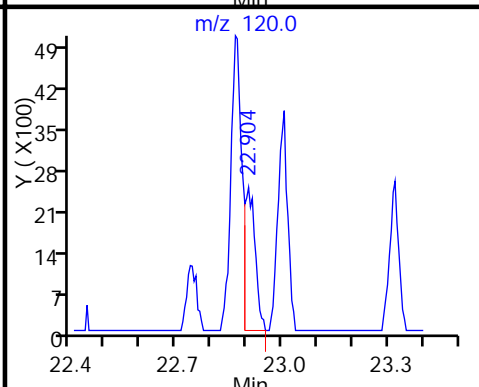
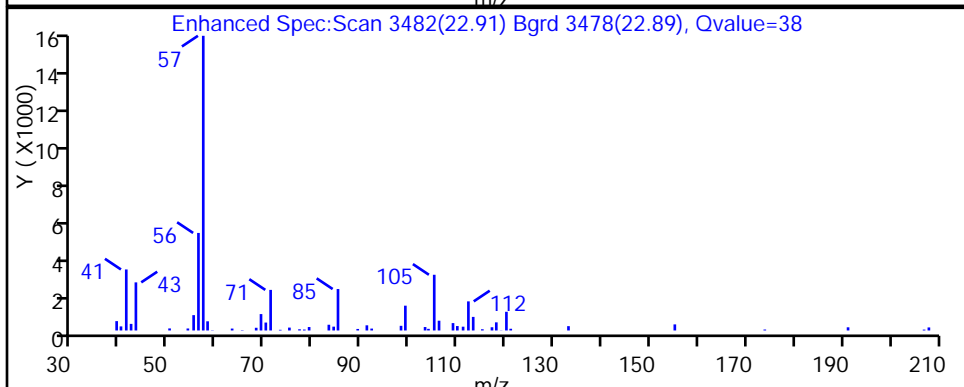
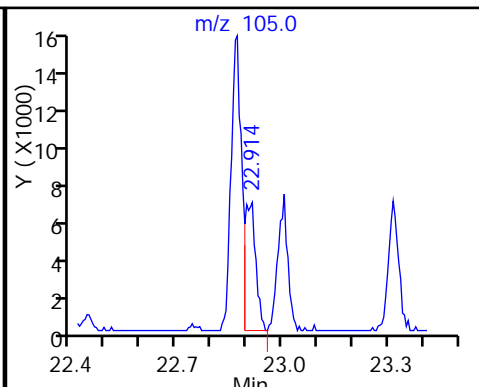
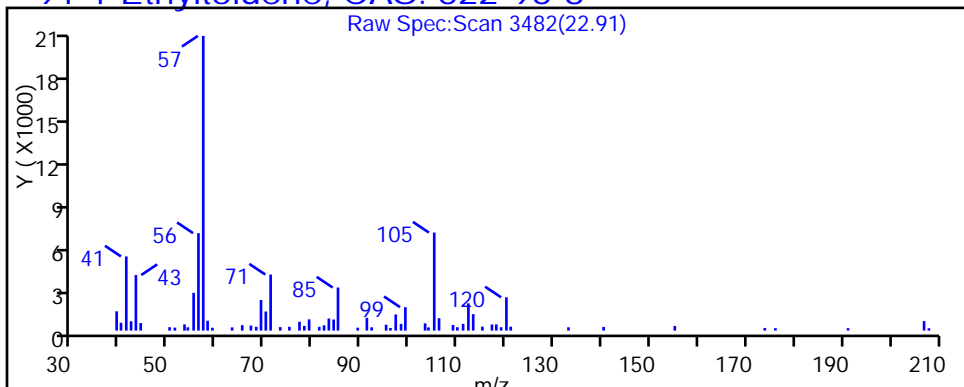
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

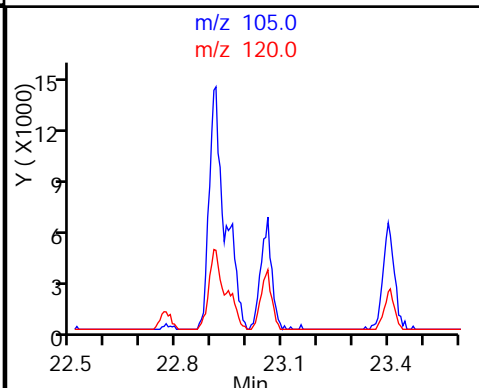
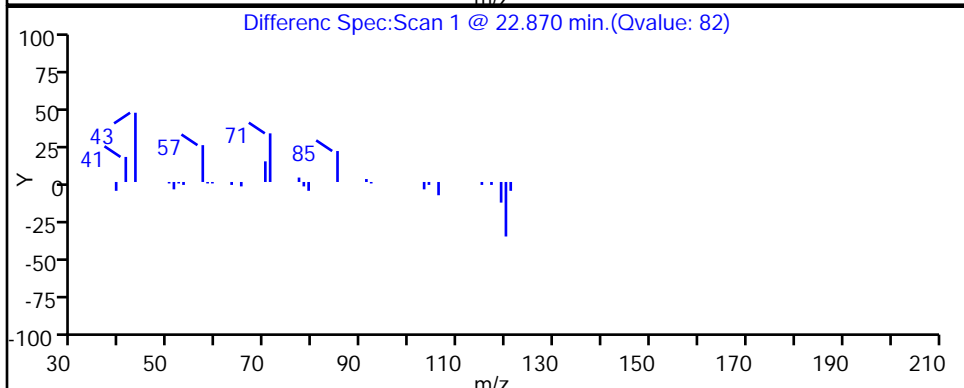
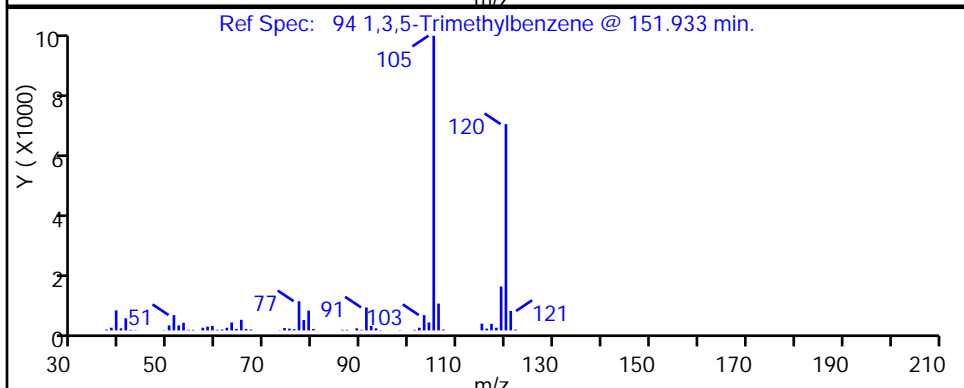
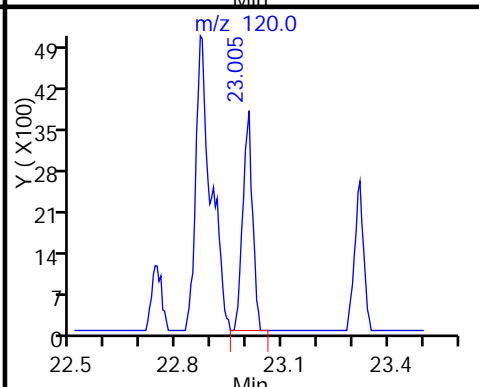
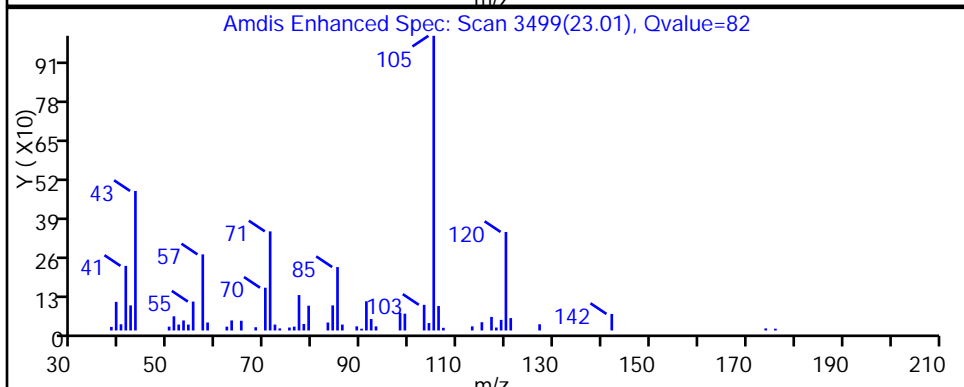
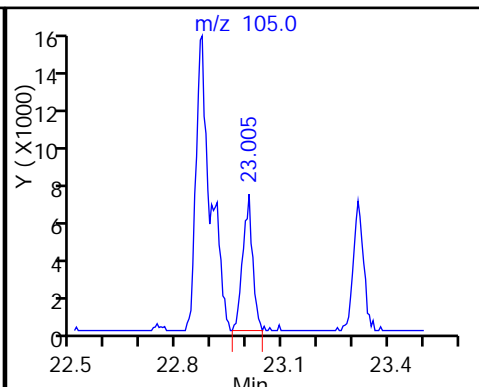
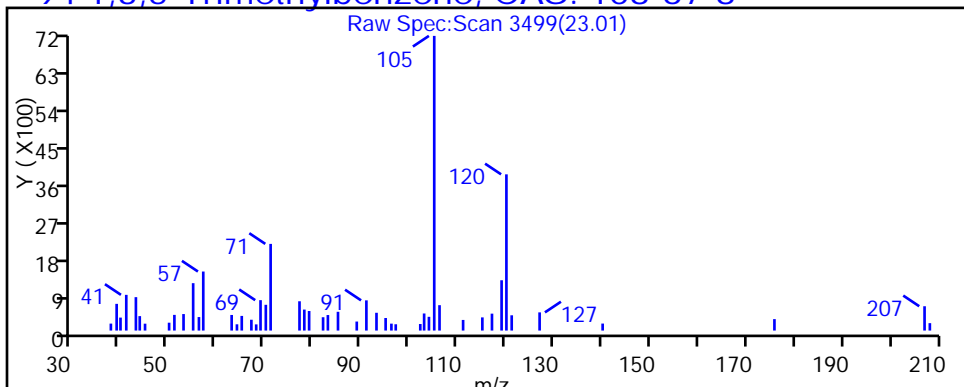
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

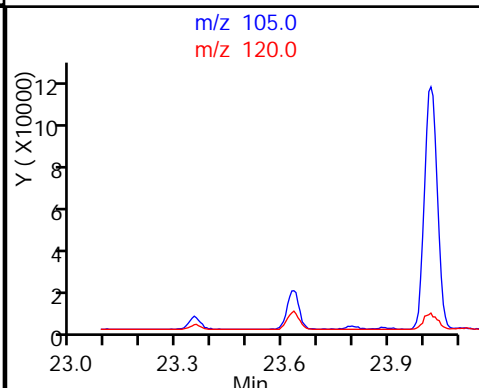
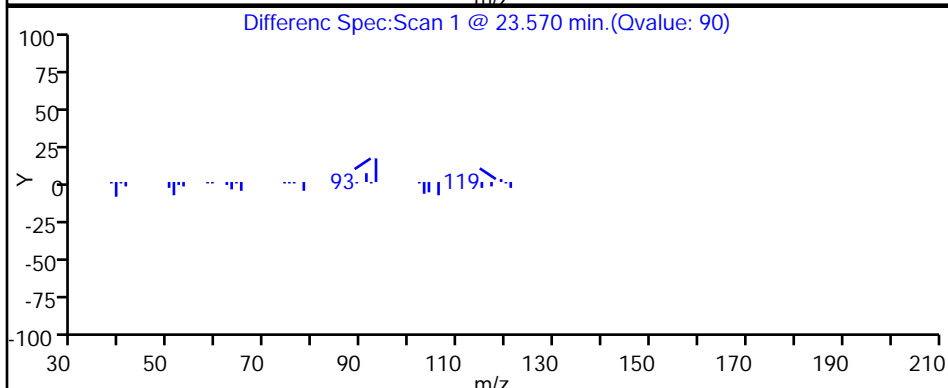
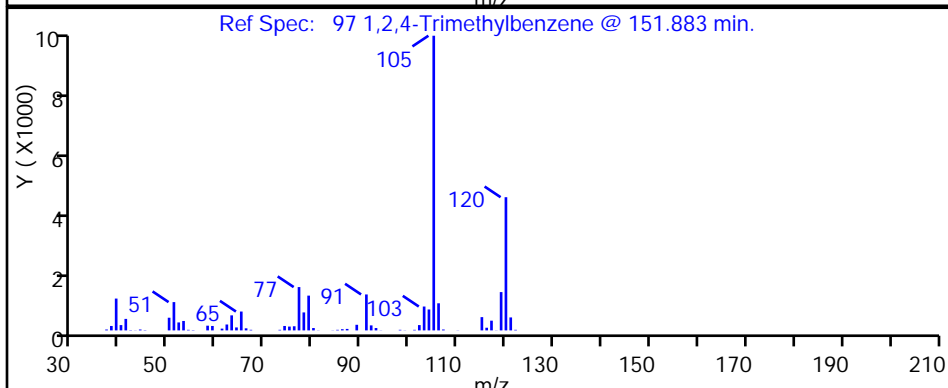
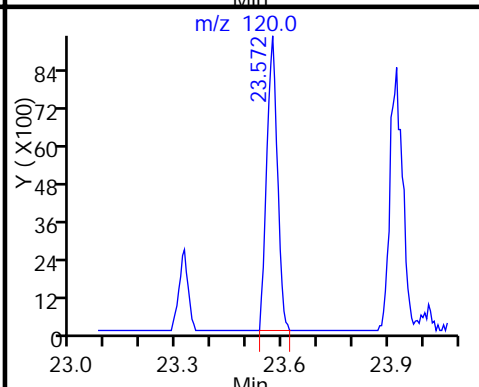
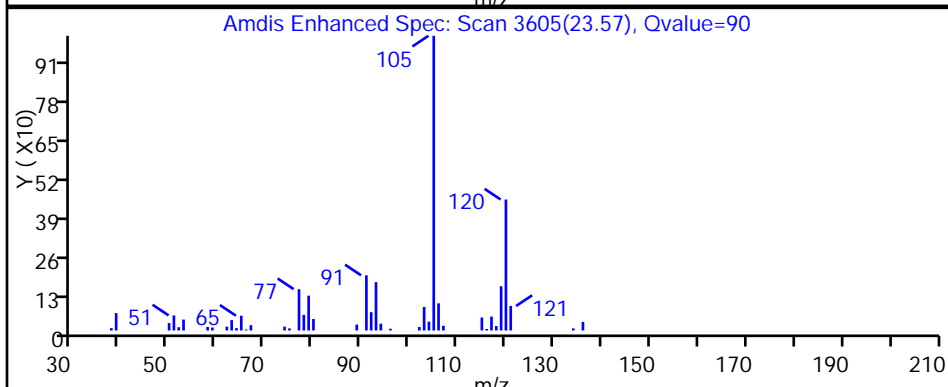
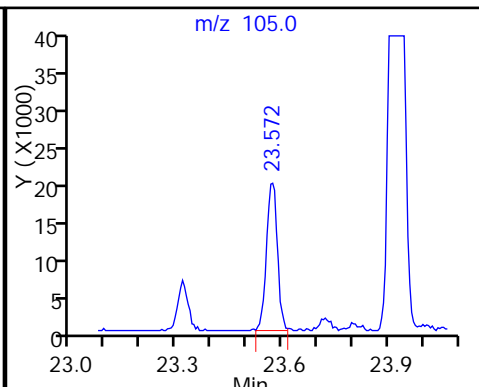
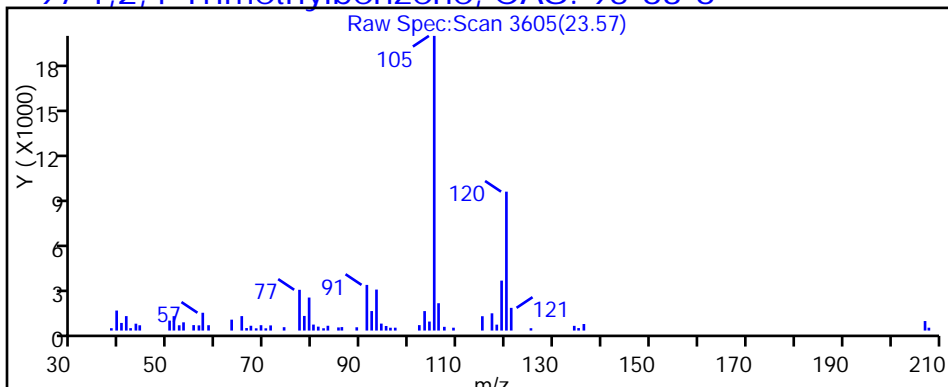
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d

Injection Date: 24-Feb-2014 19:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-20

Lab Sample ID: 200-20955-20

Client ID: SS-VMP-3E

Operator ID: bl

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

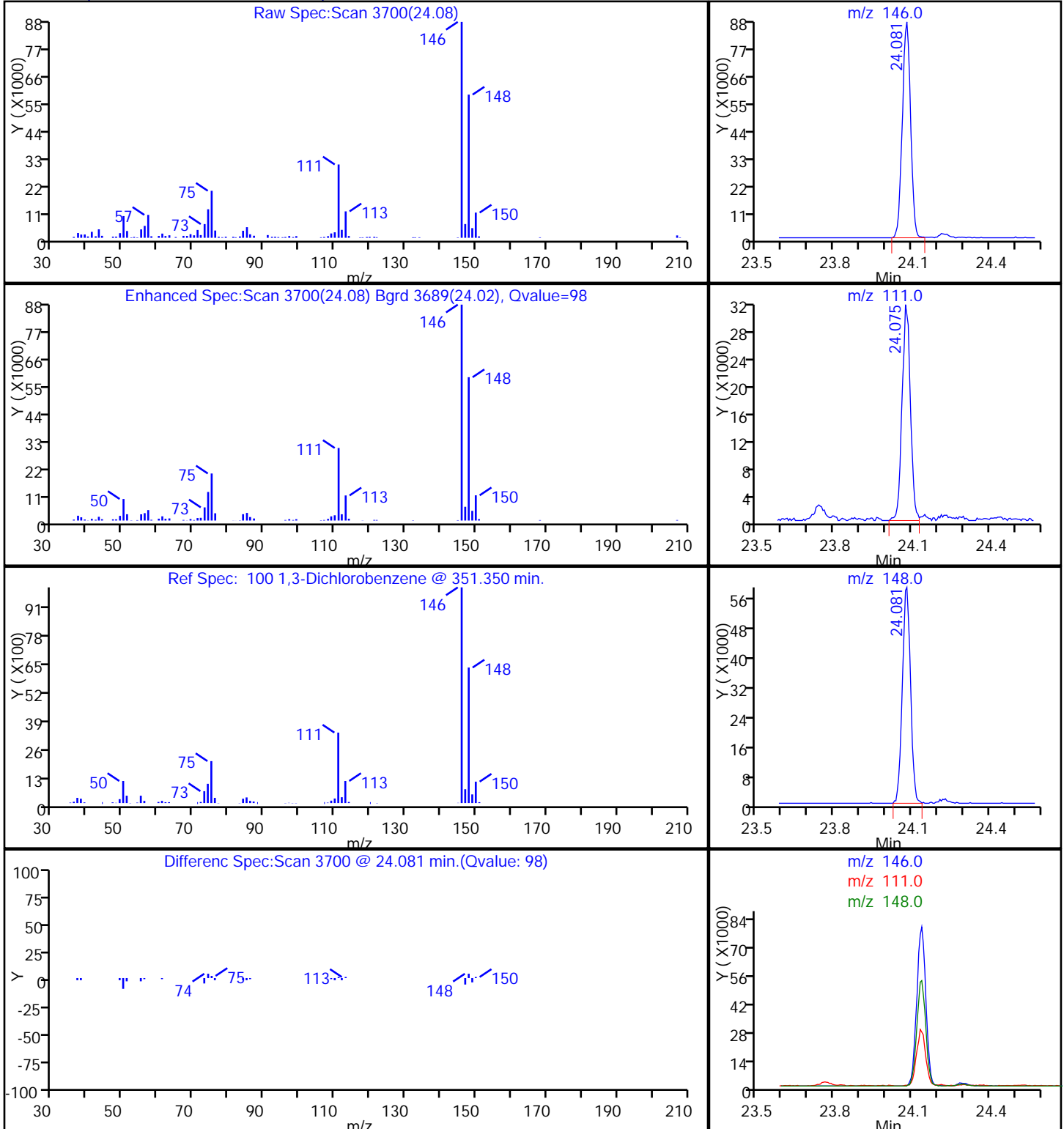
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



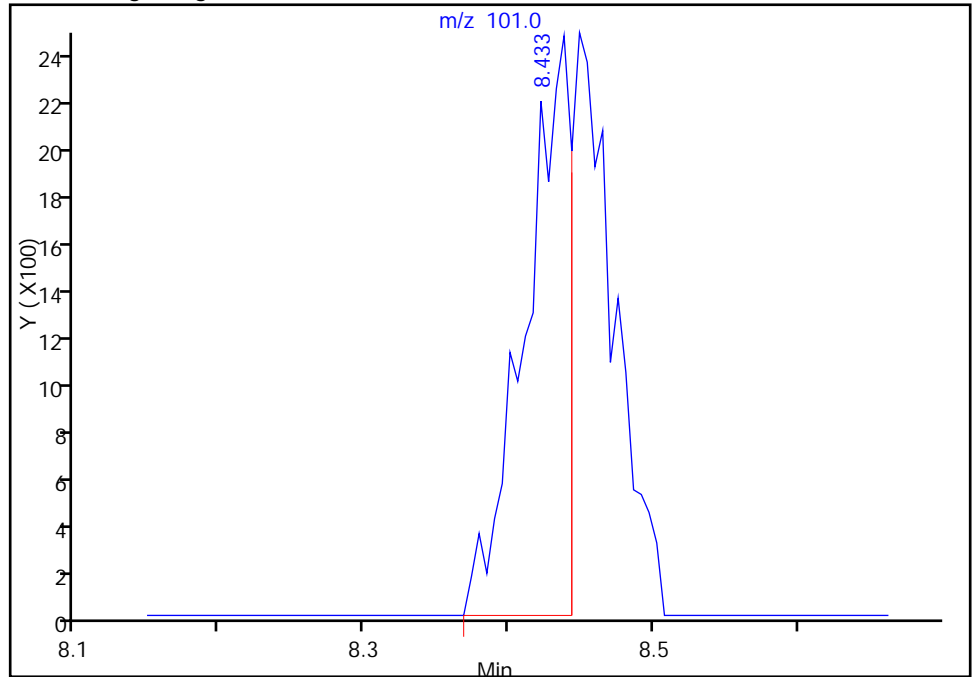
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

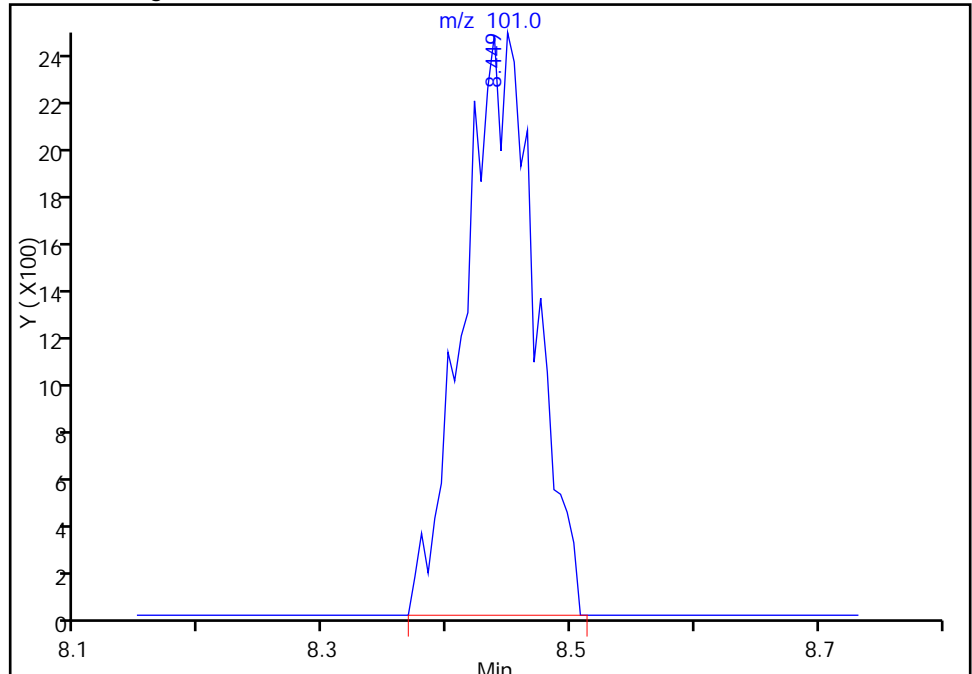
RT: 8.43
Response: 5474
Amount: 0.045642

Processing Integration Results



RT: 8.45
Response: 10010
Amount: 0.083463

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00
Audit Action: Manually Integrated
Audit Reason: Baseline Event

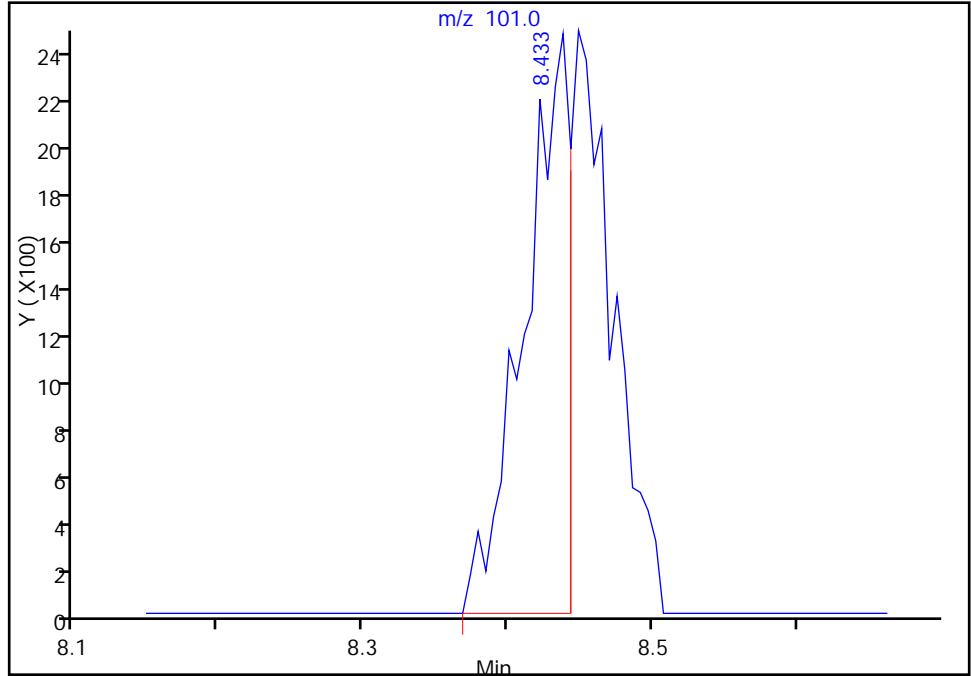
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

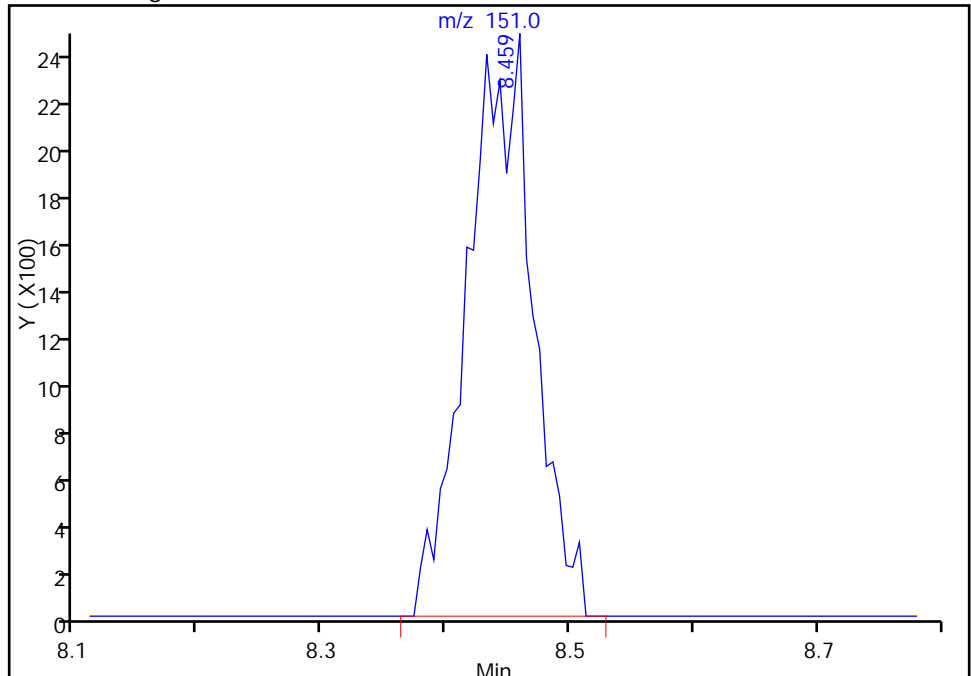
RT: 8.43
Response: 0
Amount: 0.045642

Processing Integration Results



RT: 8.46
Response: 9109
Amount: 0.083463

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00
Audit Action: Manually Integrated
Audit Reason: Baseline Event

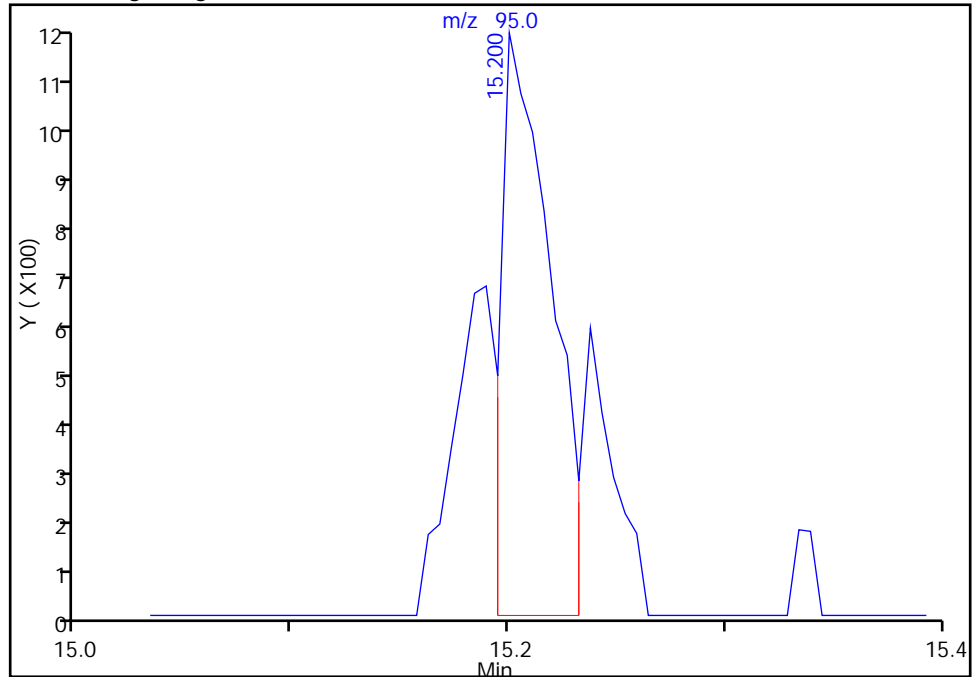
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

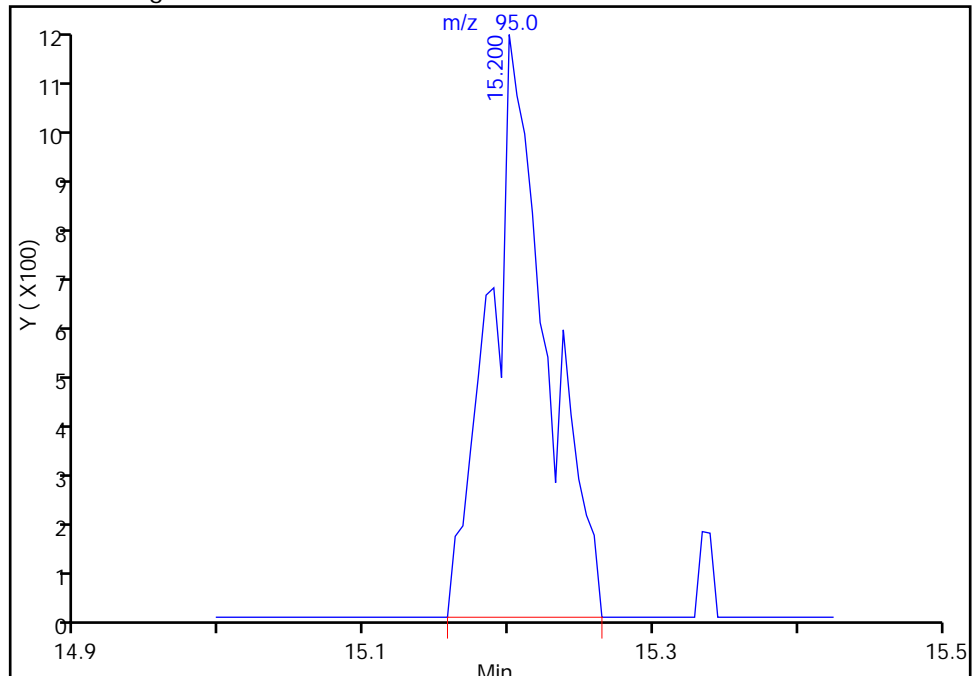
RT: 15.20
Response: 1785
Amount: 0.021579

Processing Integration Results



RT: 15.20
Response: 3034
Amount: 0.036678

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00
Audit Action: Manually Integrated
Audit Reason: Baseline Event

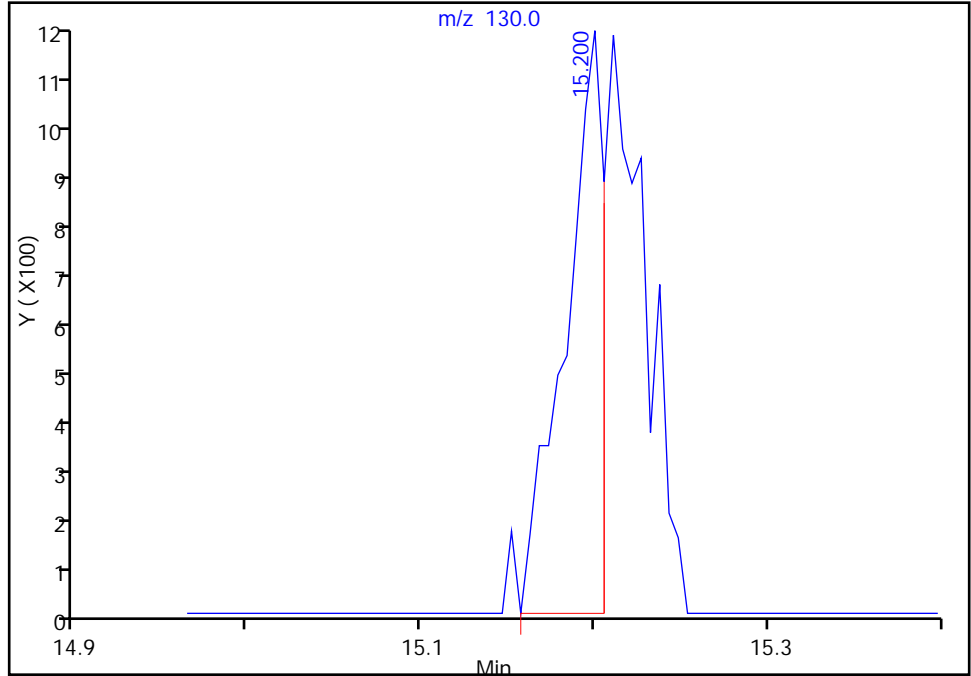
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

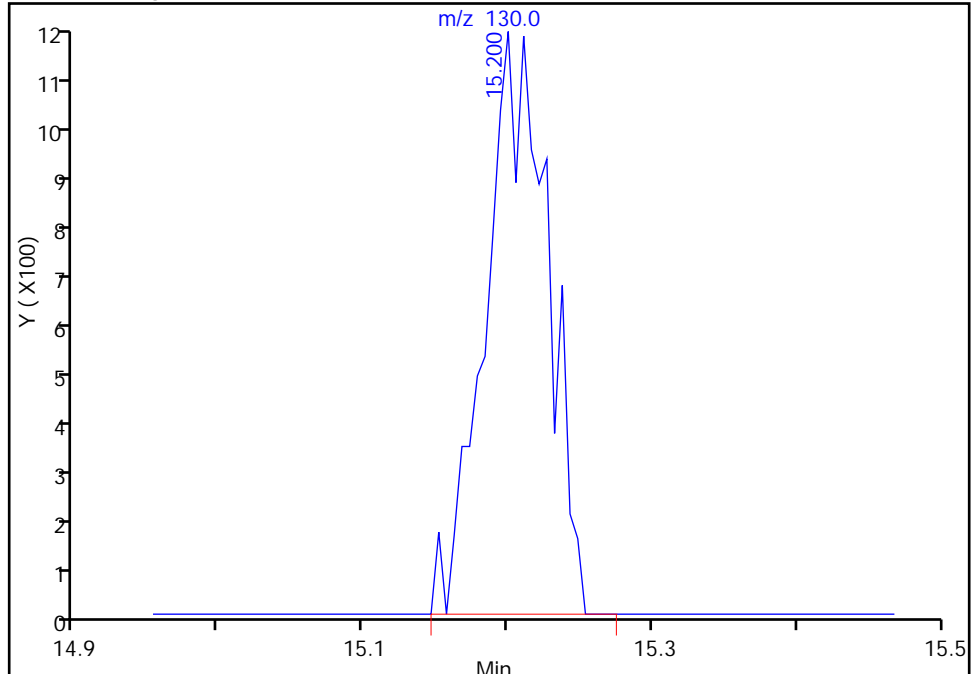
RT: 15.20
Response: 1789
Amount: 0.021579

Processing Integration Results



RT: 15.20
Response: 3507
Amount: 0.036678

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00
Audit Action: Manually Integrated
Audit Reason: Baseline Event

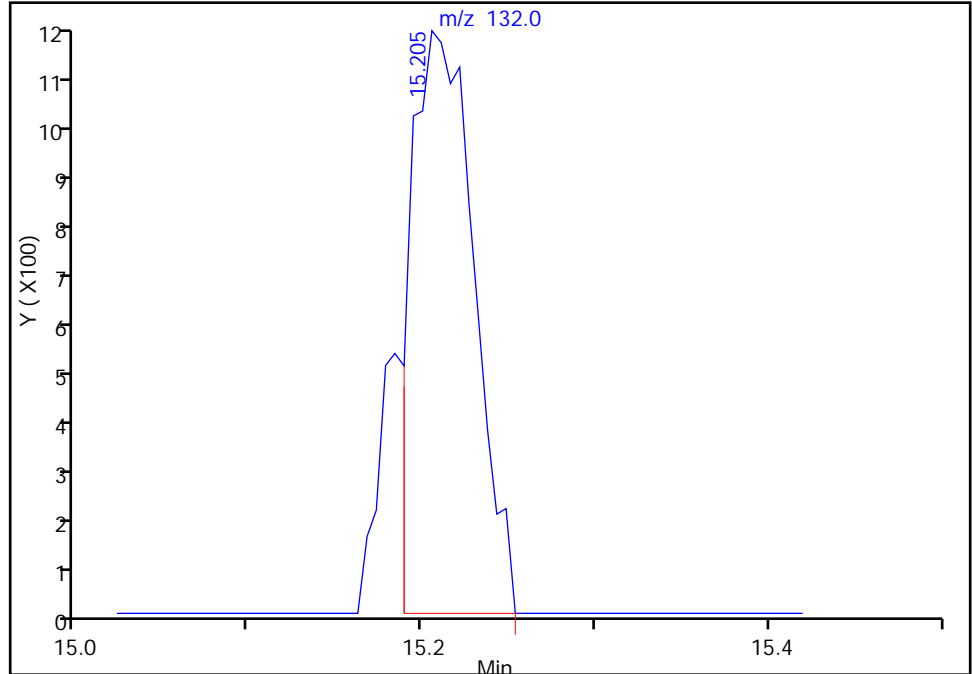
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

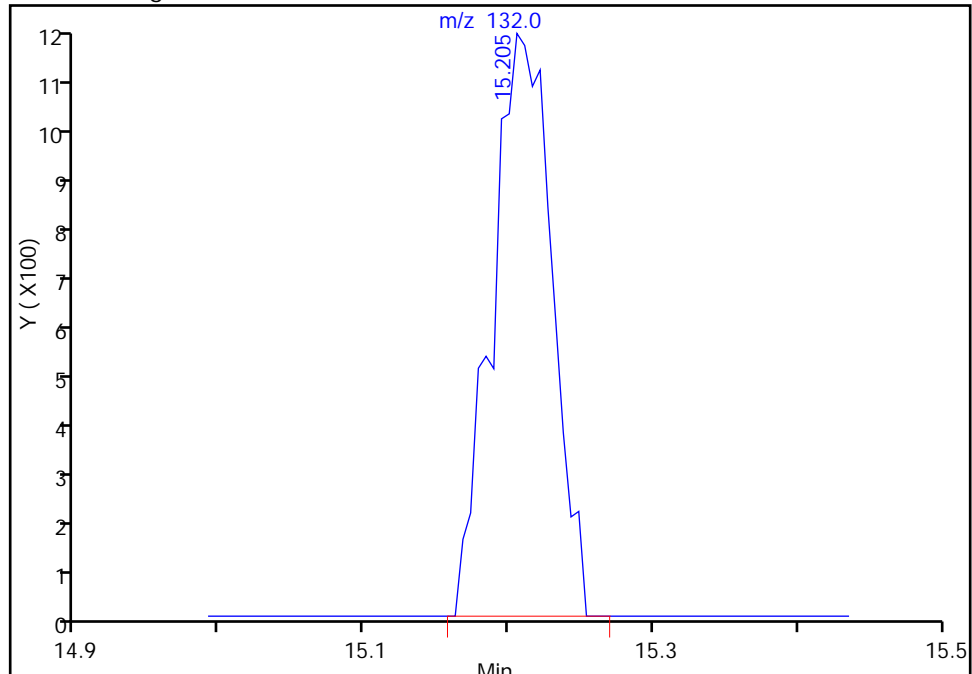
RT: 15.21
Response: 2942
Amount: 0.021579

Processing Integration Results



RT: 15.21
Response: 3384
Amount: 0.036678

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00
Audit Action: Manually Integrated
Audit Reason: Baseline Event

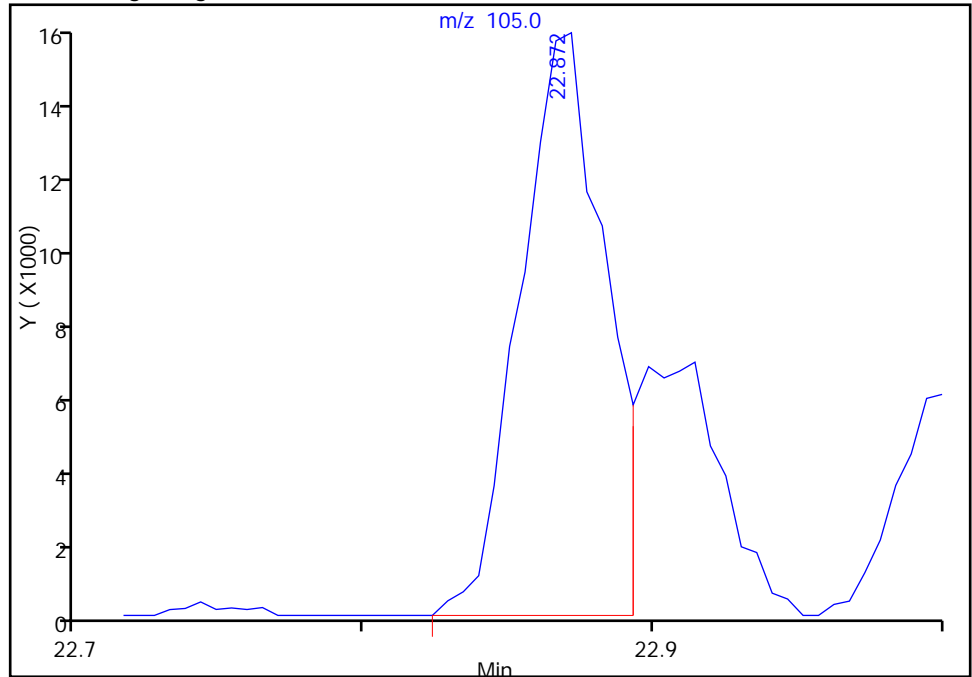
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8

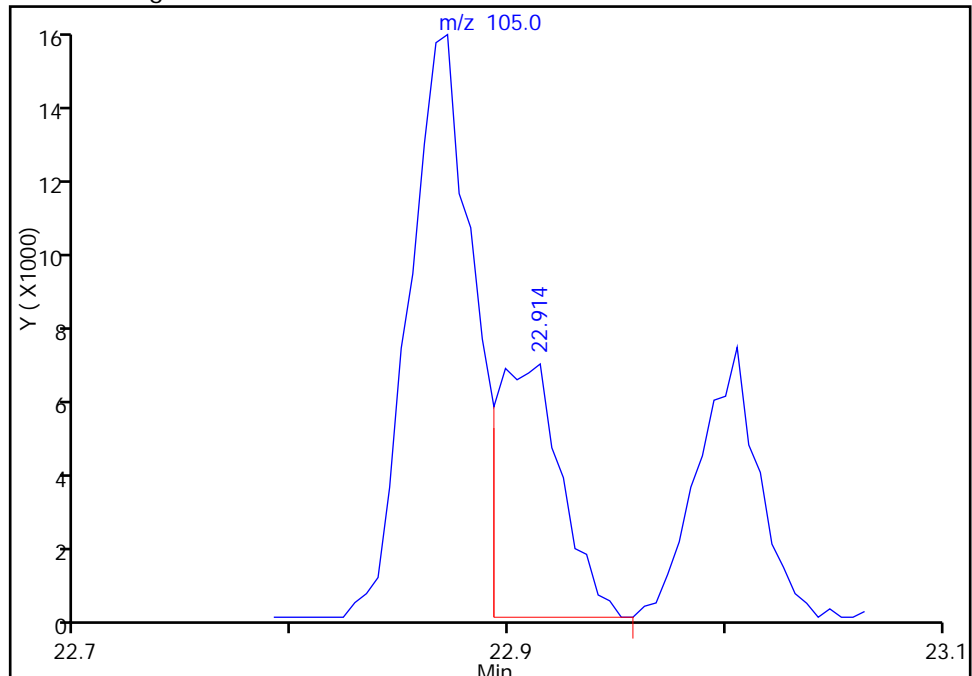
RT: 22.87
Response: 31979
Amount: 0.086083

Processing Integration Results



RT: 22.91
Response: 14260
Amount: 0.038386

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00

Audit Action: Assigned Compound ID

Audit Reason: Analyte misidentified by the data system

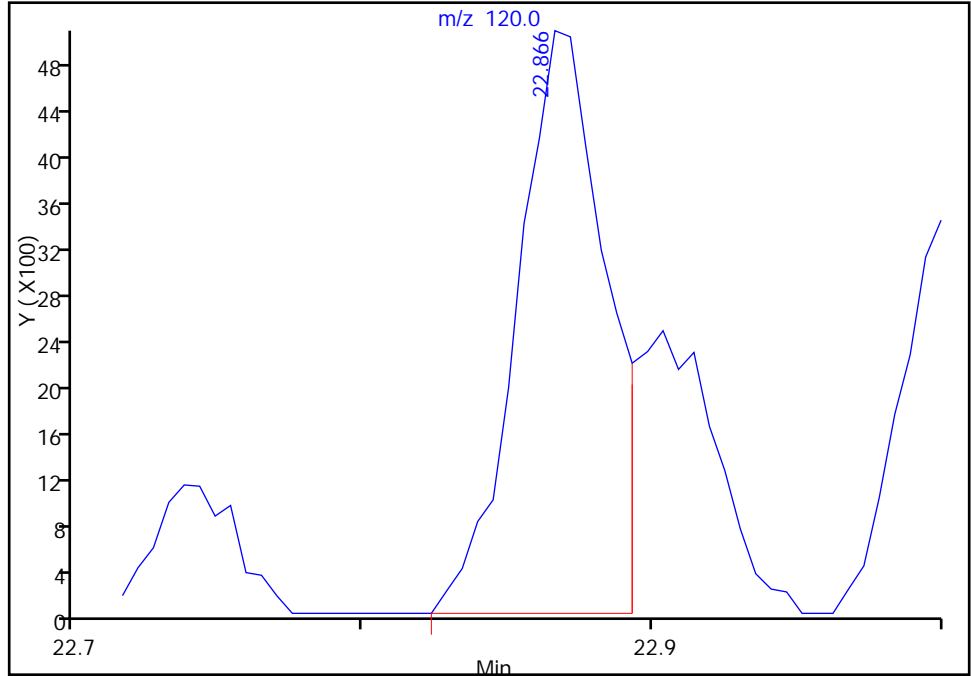
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8

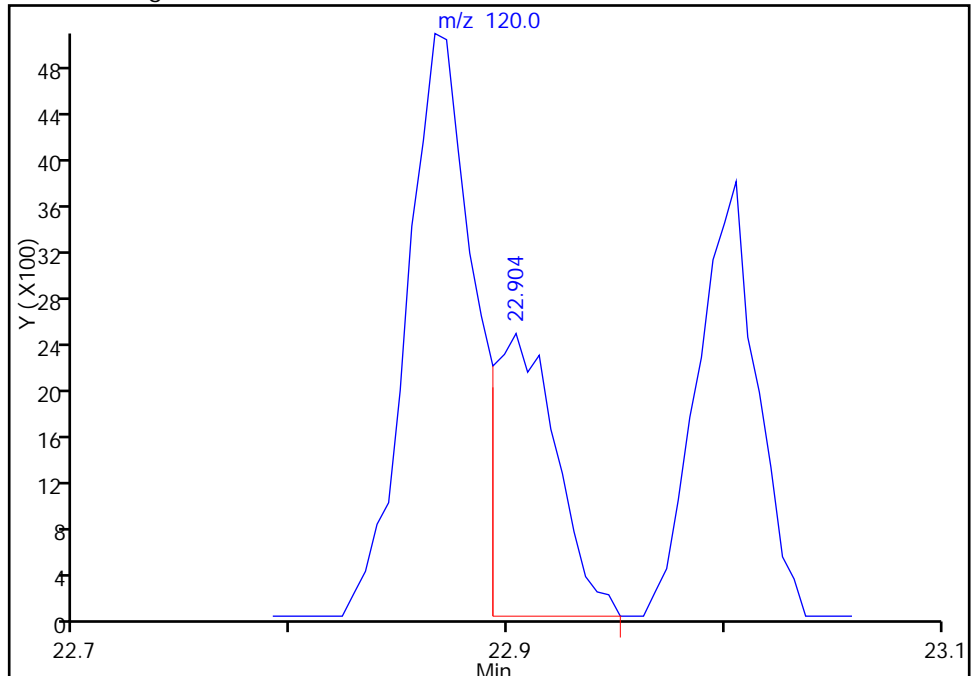
RT: 22.87
Response: 10952
Amount: 0.086083

Processing Integration Results



RT: 22.90
Response: 5047
Amount: 0.038386

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00

Audit Action: Split an Integrated Peak

Audit Reason: Analyte misidentified by the data system

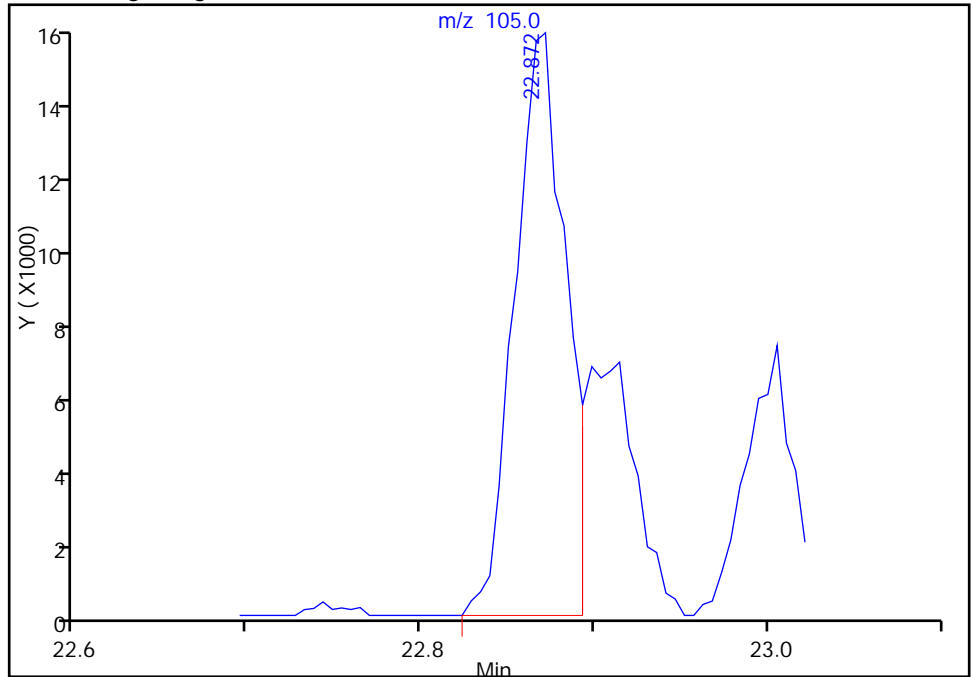
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8

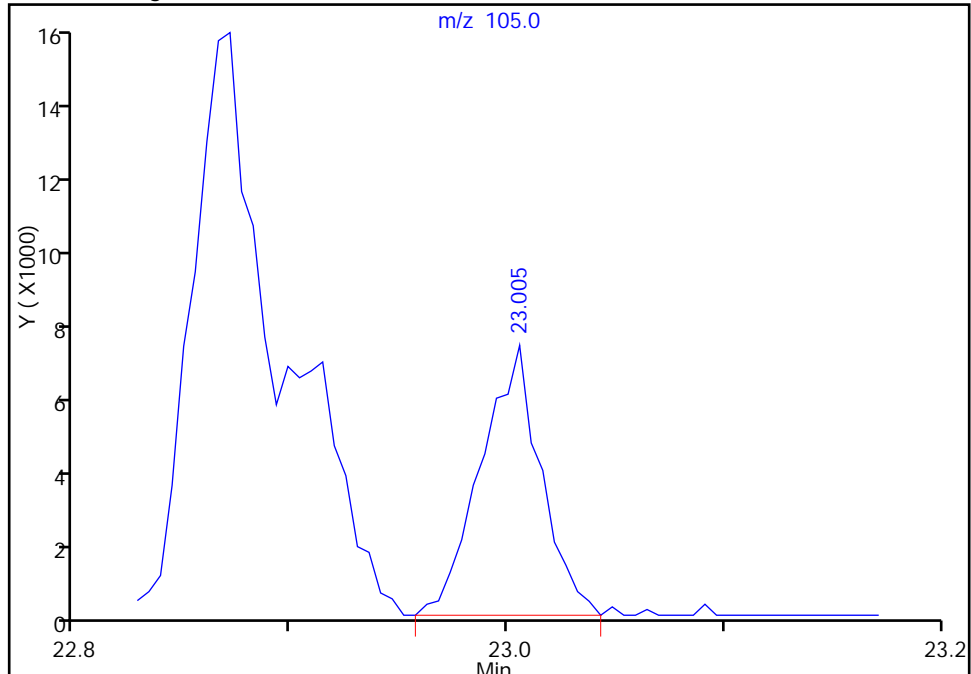
RT: 22.87
Response: 31979
Amount: 0.093014

Processing Integration Results



RT: 23.01
Response: 13808
Amount: 0.040162

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00

Audit Action: Assigned Compound ID

Audit Reason: Analyte misidentified by the data system

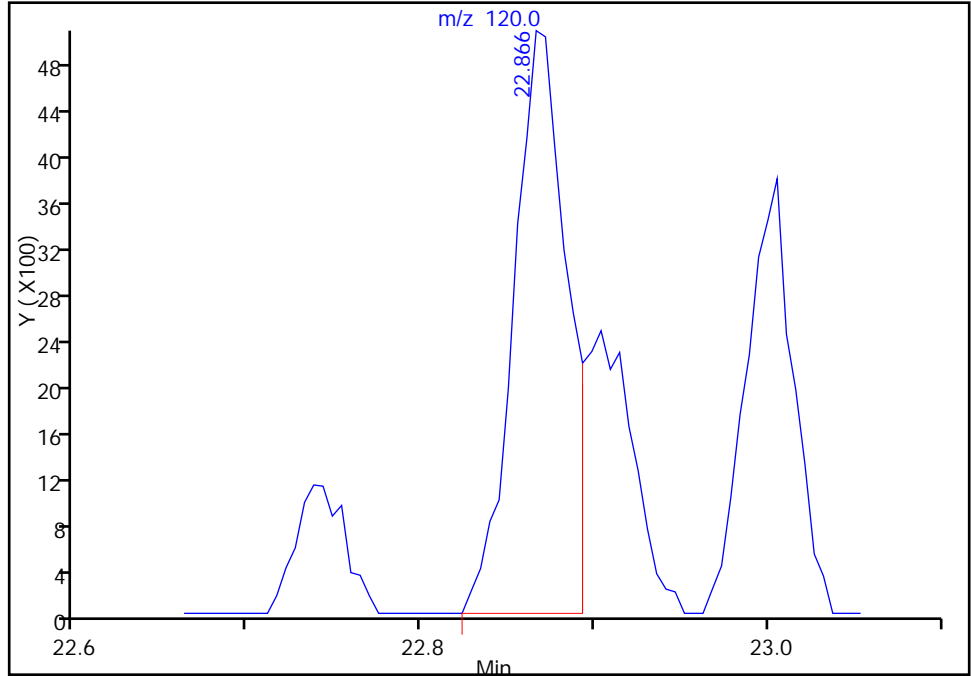
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_010.d
Injection Date: 24-Feb-2014 19:16:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-20 Lab Sample ID: 200-20955-20
Client ID: SS-VMP-3E
Operator ID: bl ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8

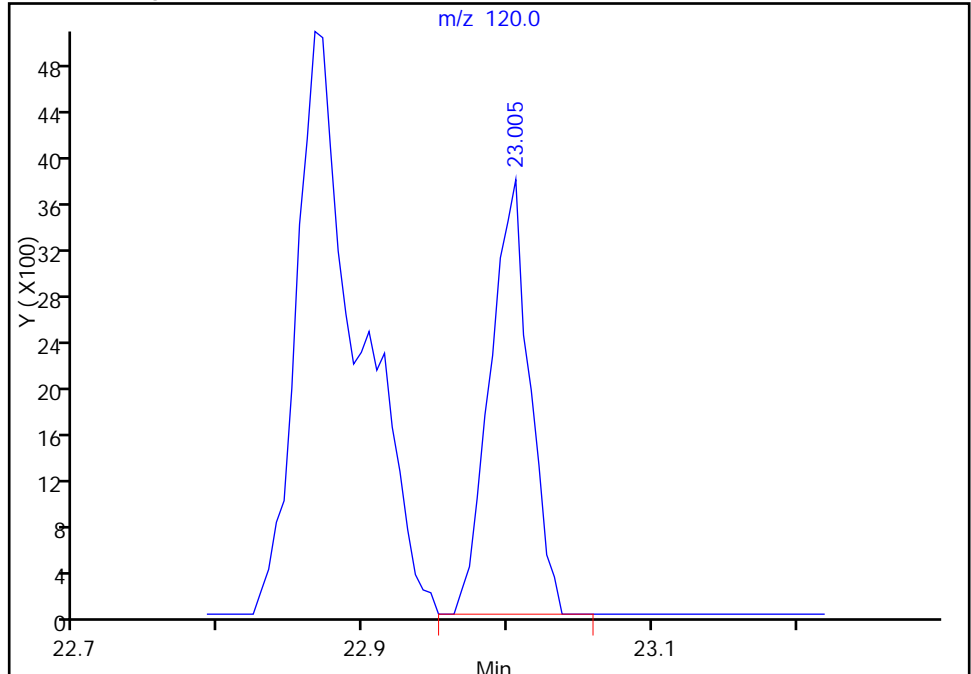
RT: 22.87
Response: 10952
Amount: 0.093014

Processing Integration Results



RT: 23.01
Response: 7231
Amount: 0.040162

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:15:00

Audit Action: Split an Integrated Peak

Audit Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-4 Lab Sample ID: 200-20955-22
 Matrix: Air Lab File ID: 6282_011.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:41
 Sample wt/vol: 100(mL) Date Analyzed: 02/24/2014 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	1.0	U	1.0	0.060
75-45-6	Freon 22	86.47	0.43	J	1.0	0.096
76-14-2	Freon-114	170.92	0.40	U	0.40	0.070
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.27
106-97-8	n-Butane	58.12	1.0	U	1.0	0.56
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.076
106-99-0	1,3-Butadiene	54.09	0.40	U	0.40	0.084
74-83-9	Bromomethane	94.94	0.40	U	0.40	0.056
75-00-3	Chloroethane	64.52	1.0	U	1.0	0.060
593-60-2	Vinyl bromide	106.96	0.40	U	0.40	0.060
75-69-4	Freon 11	137.37	1.4		0.40	0.060
76-13-1	Freon 113	187.38	0.40	U	0.40	0.036
75-35-4	1,1-Dichloroethene	96.94	0.40	U	0.40	0.048
67-64-1	Acetone	58.08	36		10	2.5
67-63-0	Isopropyl alcohol	60.10	610	E	10	0.43
75-15-0	Carbon disulfide	76.14	1.0	U	1.0	0.13
107-05-1	Allyl chloride	76.53	1.0	U	1.0	0.068
75-09-2	Methylene Chloride	84.93	1.4		1.0	0.25
75-65-0	tert-Butyl alcohol	74.12	10	U	10	0.66
1634-04-4	Methyl tert-butyl ether	88.15	0.40	U	0.40	0.044
156-60-5	trans-1,2-Dichloroethene	96.94	0.40	U	0.40	0.058
110-54-3	Hexane	86.17	0.40	U	0.40	0.068
75-34-3	1,1-Dichloroethane	98.96	0.40	U	0.40	0.076
78-93-3	Methyl Ethyl Ketone	72.11	23		1.0	0.48
156-59-2	cis-1,2-Dichloroethene	96.94	0.40	U	0.40	0.076
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.13
67-66-3	Chloroform	119.38	0.40	U	0.40	0.050
109-99-9	Tetrahydrofuran	72.11	10	U	10	0.092
71-55-6	1,1,1-Trichloroethane	133.41	0.40	U	0.40	0.042
110-82-7	Cyclohexane	84.16	11		0.40	0.050
56-23-5	Carbon tetrachloride	153.81	0.080	U	0.080	0.042
540-84-1	2,2,4-Trimethylpentane	114.23	0.40	U	0.40	0.054
71-43-2	Benzene	78.11	0.30	J	0.40	0.038
107-06-2	1,2-Dichloroethane	98.96	0.40	U	0.40	0.034
142-82-5	Heptane	100.21	0.40	U	0.40	0.092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-4 Lab Sample ID: 200-20955-22
 Matrix: Air Lab File ID: 6282_011.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:41
 Sample wt/vol: 100(mL) Date Analyzed: 02/24/2014 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.080	U	0.080	0.048
80-62-6	Methyl methacrylate	100.12	1.0	U	1.0	0.060
78-87-5	1,2-Dichloropropane	112.99	0.40	U	0.40	0.064
123-91-1	1,4-Dioxane	88.11	10	U	10	0.40
75-27-4	Bromodichloromethane	163.83	0.40	U	0.40	0.034
10061-01-5	cis-1,3-Dichloropropene	110.97	0.40	U	0.40	0.056
108-10-1	methyl isobutyl ketone	100.16	1.0	U	1.0	0.054
108-88-3	Toluene	92.14	1.0		0.40	0.034
10061-02-6	trans-1,3-Dichloropropene	110.97	0.40	U	0.40	0.044
79-00-5	1,1,2-Trichloroethane	133.41	0.40	U	0.40	0.034
127-18-4	Tetrachloroethene	165.83	0.48		0.40	0.032
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	1.0	U	1.0	0.40
124-48-1	Dibromochloromethane	208.29	0.40	U	0.40	0.040
106-93-4	1,2-Dibromoethane	187.87	0.40	U	0.40	0.040
108-90-7	Chlorobenzene	112.56	0.12	J	0.40	0.016
100-41-4	Ethylbenzene	106.17	0.18	J	0.40	0.026
179601-23-1	m,p-Xylene	106.17	0.38	J	1.0	0.046
95-47-6	Xylene, o-	106.17	0.13	J	0.40	0.032
1330-20-7	Xylene (total)	106.17	0.51		0.40	0.068
100-42-5	Styrene	104.15	0.46		0.40	0.036
75-25-2	Bromoform	252.75	0.40	U	0.40	0.020
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.40	U	0.40	0.032
103-65-1	n-Propylbenzene	120.19	0.40	U	0.40	0.16
622-96-8	4-Ethyltoluene	120.20	0.075	J	0.40	0.036
108-67-8	1,3,5-Trimethylbenzene	120.20	0.062	J	0.40	0.024
95-49-8	2-Chlorotoluene	126.59	0.40	U	0.40	0.026
98-06-6	tert-Butylbenzene	134.22	0.40	U	0.40	0.034
95-63-6	1,2,4-Trimethylbenzene	120.20	0.18	J	0.40	0.028
135-98-8	sec-Butylbenzene	134.22	0.40	U	0.40	0.16
99-87-6	4-Isopropyltoluene	134.22	0.40	U	0.40	0.16
541-73-1	1,3-Dichlorobenzene	147.00	0.45	B	0.40	0.028
106-46-7	1,4-Dichlorobenzene	147.00	0.40	U	0.40	0.028
100-44-7	Benzyl chloride	126.58	0.40	U	0.40	0.16
104-51-8	n-Butylbenzene	134.22	0.40	U	0.40	0.16

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-4 Lab Sample ID: 200-20955-22
 Matrix: Air Lab File ID: 6282_011.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:41
 Sample wt/vol: 100 (mL) Date Analyzed: 02/24/2014 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.40	U	0.40	0.028
120-82-1	1,2,4-Trichlorobenzene	181.45	1.0	U	1.0	0.054
87-68-3	Hexachloro-1,3-butadiene	260.76	0.40	U	0.40	0.044
91-20-3	Naphthalene	128.17	1.0	U	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-4 Lab Sample ID: 200-20955-22
 Matrix: Air Lab File ID: 6282_011.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:41
 Sample wt/vol: 100(mL) Date Analyzed: 02/24/2014 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	4.9	U	4.9	0.30
75-45-6	Freon 22	86.47	1.5	J	3.5	0.34
76-14-2	Freon-114	170.92	2.8	U	2.8	0.49
74-87-3	Chloromethane	50.49	2.1	U	2.1	0.56
106-97-8	n-Butane	58.12	2.4	U	2.4	1.3
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.19
106-99-0	1,3-Butadiene	54.09	0.88	U	0.88	0.19
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.22
75-00-3	Chloroethane	64.52	2.6	U	2.6	0.16
593-60-2	Vinyl bromide	106.96	1.7	U	1.7	0.26
75-69-4	Freon 11	137.37	8.0		2.2	0.34
76-13-1	Freon 113	187.38	3.1	U	3.1	0.28
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.19
67-64-1	Acetone	58.08	84		24	5.9
67-63-0	Isopropyl alcohol	60.10	1500	E	25	1.1
75-15-0	Carbon disulfide	76.14	3.1	U	3.1	0.41
107-05-1	Allyl chloride	76.53	3.1	U	3.1	0.21
75-09-2	Methylene Chloride	84.93	5.0		3.5	0.87
75-65-0	tert-Butyl alcohol	74.12	30	U	30	2.0
1634-04-4	Methyl tert-butyl ether	88.15	1.4	U	1.4	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	1.6	0.23
110-54-3	Hexane	86.17	1.4	U	1.4	0.24
75-34-3	1,1-Dichloroethane	98.96	1.6	U	1.6	0.31
78-93-3	Methyl Ethyl Ketone	72.11	66		2.9	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	1.6	0.30
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.51
67-66-3	Chloroform	119.38	2.0	U	2.0	0.24
109-99-9	Tetrahydrofuran	72.11	29	U	29	0.27
71-55-6	1,1,1-Trichloroethane	133.41	2.2	U	2.2	0.23
110-82-7	Cyclohexane	84.16	40		1.4	0.17
56-23-5	Carbon tetrachloride	153.81	0.50	U	0.50	0.26
540-84-1	2,2,4-Trimethylpentane	114.23	1.9	U	1.9	0.25
71-43-2	Benzene	78.11	0.95	J	1.3	0.12
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.14
142-82-5	Heptane	100.21	1.6	U	1.6	0.38

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-4 Lab Sample ID: 200-20955-22
 Matrix: Air Lab File ID: 6282_011.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:41
 Sample wt/vol: 100(mL) Date Analyzed: 02/24/2014 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.43	U	0.43	0.26
80-62-6	Methyl methacrylate	100.12	4.1	U	4.1	0.25
78-87-5	1,2-Dichloropropane	112.99	1.8	U	1.8	0.30
123-91-1	1,4-Dioxane	88.11	36	U	36	1.4
75-27-4	Bromodichloromethane	163.83	2.7	U	2.7	0.23
10061-01-5	cis-1,3-Dichloropropene	110.97	1.8	U	1.8	0.25
108-10-1	methyl isobutyl ketone	100.16	4.1	U	4.1	0.22
108-88-3	Toluene	92.14	3.8		1.5	0.13
10061-02-6	trans-1,3-Dichloropropene	110.97	1.8	U	1.8	0.20
79-00-5	1,1,2-Trichloroethane	133.41	2.2	U	2.2	0.19
127-18-4	Tetrachloroethene	165.83	3.3		2.7	0.22
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.1	U	4.1	1.6
124-48-1	Dibromochloromethane	208.29	3.4	U	3.4	0.34
106-93-4	1,2-Dibromoethane	187.87	3.1	U	3.1	0.31
108-90-7	Chlorobenzene	112.56	0.56	J	1.8	0.075
100-41-4	Ethylbenzene	106.17	0.80	J	1.7	0.11
179601-23-1	m,p-Xylene	106.17	1.7	J	4.3	0.20
95-47-6	Xylene, o-	106.17	0.55	J	1.7	0.14
1330-20-7	Xylene (total)	106.17	2.2		1.7	0.30
100-42-5	Styrene	104.15	1.9		1.7	0.15
75-25-2	Bromoform	252.75	4.1	U	4.1	0.21
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.7	U	2.7	0.22
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.79
622-96-8	4-Ethyltoluene	120.20	0.37	J	2.0	0.18
108-67-8	1,3,5-Trimethylbenzene	120.20	0.30	J	2.0	0.12
95-49-8	2-Chlorotoluene	126.59	2.1	U	2.1	0.13
98-06-6	tert-Butylbenzene	134.22	2.2	U	2.2	0.19
95-63-6	1,2,4-Trimethylbenzene	120.20	0.87	J	2.0	0.14
135-98-8	sec-Butylbenzene	134.22	2.2	U	2.2	0.88
99-87-6	4-Isopropyltoluene	134.22	2.2	U	2.2	0.88
541-73-1	1,3-Dichlorobenzene	147.00	2.7	B	2.4	0.17
106-46-7	1,4-Dichlorobenzene	147.00	2.4	U	2.4	0.17
100-44-7	Benzyl chloride	126.58	2.1	U	2.1	0.83
104-51-8	n-Butylbenzene	134.22	2.2	U	2.2	0.88

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-4 Lab Sample ID: 200-20955-22
 Matrix: Air Lab File ID: 6282_011.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:41
 Sample wt/vol: 100 (mL) Date Analyzed: 02/24/2014 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	2.4	U	2.4	0.17
120-82-1	1,2,4-Trichlorobenzene	181.45	7.4	U	7.4	0.40
87-68-3	Hexachloro-1,3-butadiene	260.76	4.3	U	4.3	0.47
91-20-3	Naphthalene	128.17	5.2	U	5.2	2.1

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d
 Lims ID: 200-20955-A-22 Lab Sample ID: 200-20955-22
 Client ID: SS-VMP-4
 Sample Type: Client
 Inject. Date: 24-Feb-2014 20:04:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 2.0000
 Sample Info: 200-0006282-011
 Misc. Info.: 200-20955-a-22@2 100ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:16:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51	4.479	4.528	-0.049	66	15175	0.2135	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101	7.165	7.181	-0.016	93	148827	0.7078	
23 1,1,2-Trichloro-1,2,2-trifluoro	101		8.433					
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.759	8.743	0.016	87	1058083	17.8	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.059	9.027	0.032	96	15253590	305.7	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.717	9.727	-0.010	70	29929	0.7216	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57		10.648					
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.402	12.386	0.016	96	283939	11.3	
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.862	12.857	0.005	69	410198	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.258	13.258	0.0	82	412252	5.74	
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	13.531		
	51			57	13.922		
	50			78	13.991 13.980	0.011 81	25506 0.1489
	52			62	14.141		
	53			43	14.269		
*	54			114	14.751 14.745	0.006 92	1965969 10.0
	56			95	15.206		
	58			63	15.730		
	59			69	15.810		
	60			88	15.901		
	62			83	16.217		
	64			75	17.083		
	65			43	17.319		
	66			92	17.661 17.656	0.005 92	64509 0.4988
	70			75	18.191		
	71			83	18.554		
	72			166	18.694 18.699	-0.005 94	38639 0.2401
	73			43	18.945		
	74			129	19.314		
	75			107	19.598		
S	82			106		0	0.2546 7
*	76			117	20.443 20.443	0.0 83	1783267 10.0
	77			112	20.496 20.496	0.0 57	13113 0.0606
	78			91	20.614 20.614	0.0 87	27870 0.0922
	80			106	20.833 20.833	0.0 99	23289 0.1911
	83			106	21.540 21.545	-0.005 63	7298 0.0635
	84			104	21.588 21.582	0.006 95	38861 0.2277
	85			173	21.957		
\$	87			95	22.444 22.444	0.0 98	1214080 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909 22.909	0.0 55	14717 0.0374
	92			91	22.941		
	94			105	23.005 23.000	0.005 80	11294 0.0310
	96			119	23.476		
	97			105	23.573 23.567	0.005 91	30695 0.0883
	98			105	23.808		
	99			119	24.011		
	100			146	24.081 24.081	0.0 98	57041 0.2251
	101			146	24.225		
	102			91	24.434		
	103			91	24.648		
	105			146	24.830		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Worklist Smp#: 11

Client ID: SS-VMP-4

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

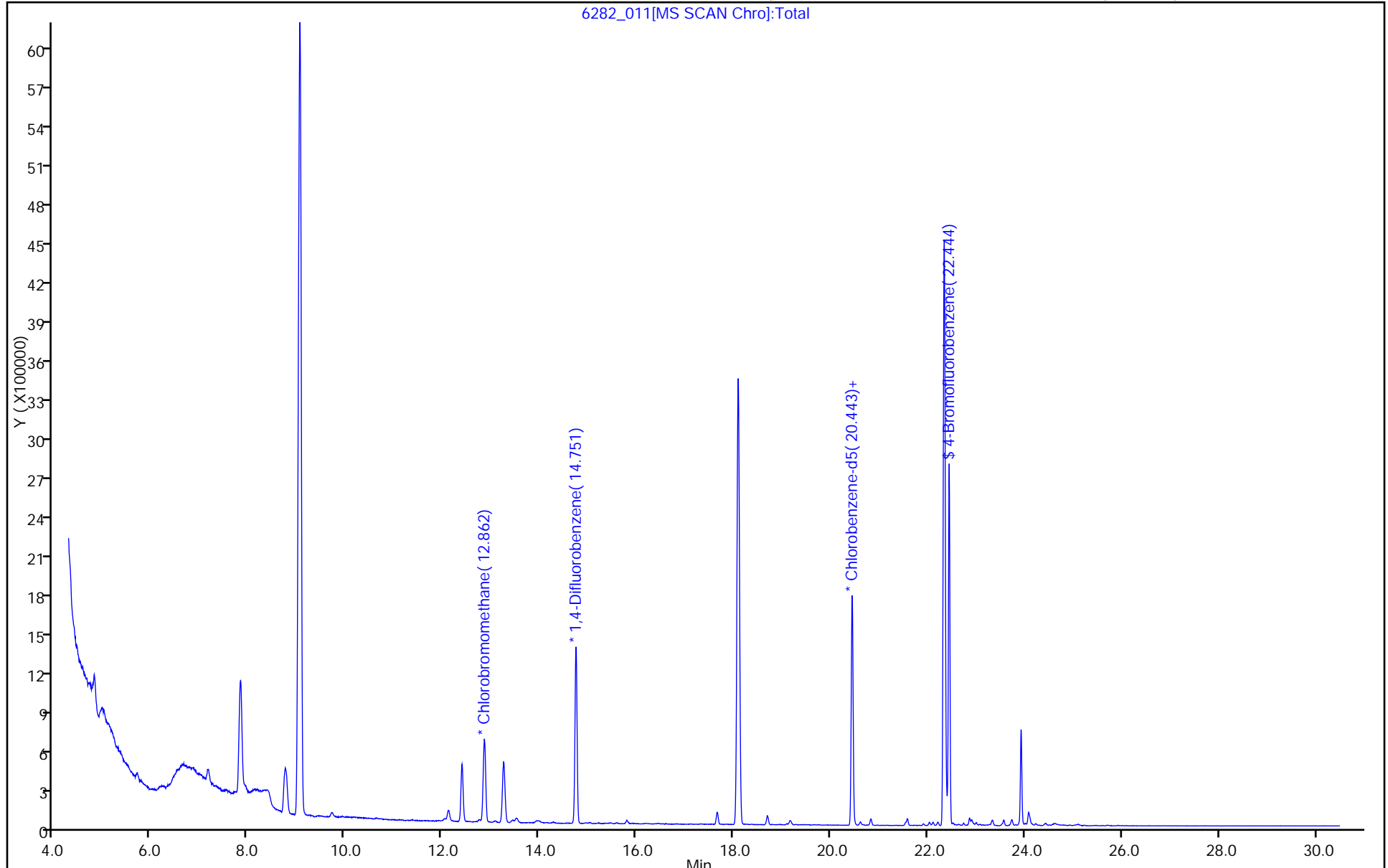
ALS Bottle#: 10

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

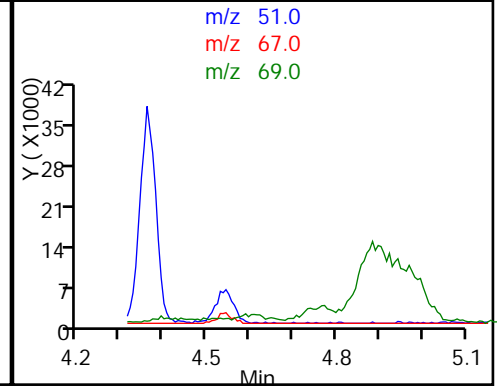
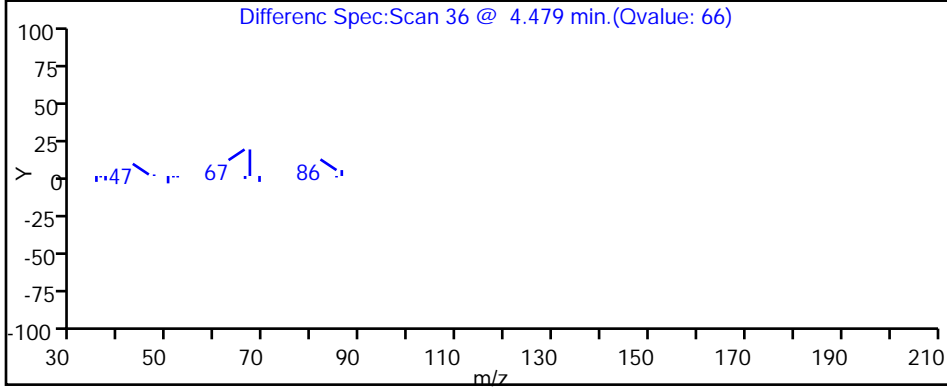
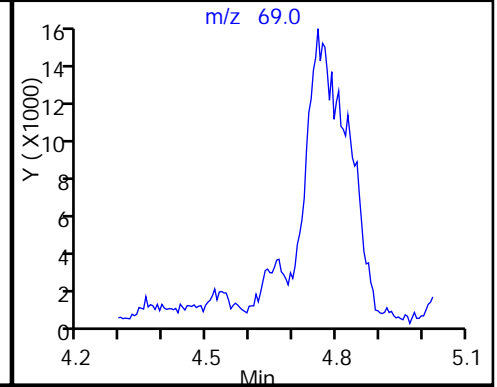
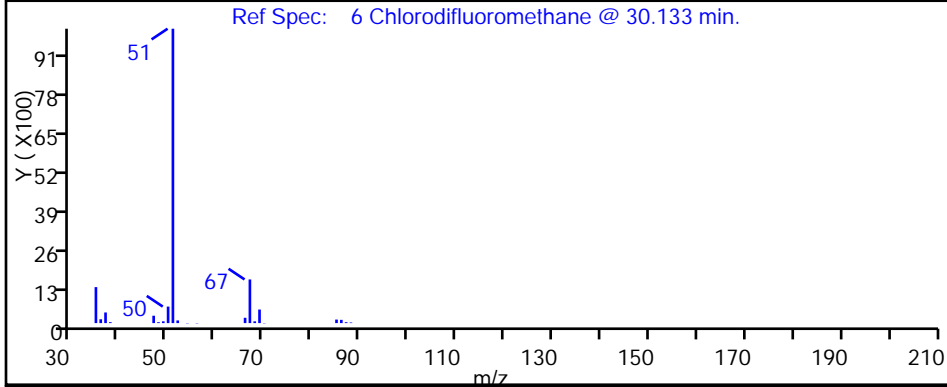
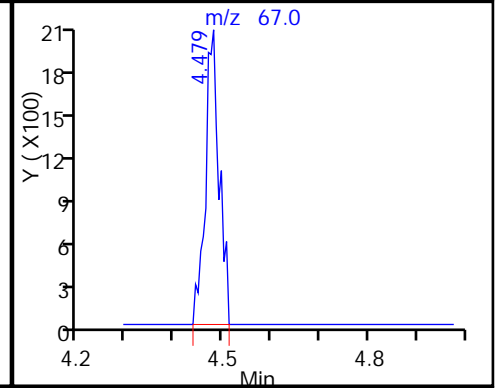
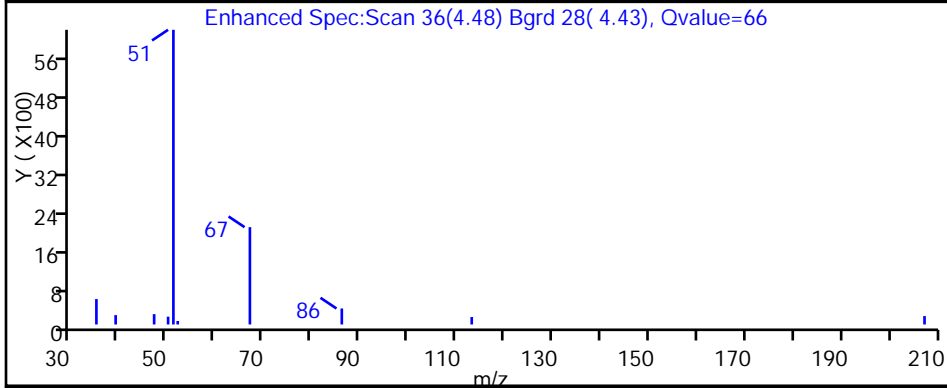
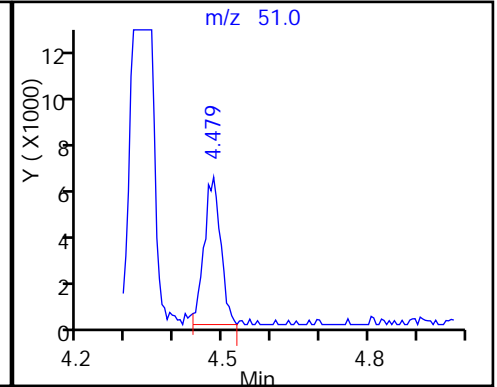
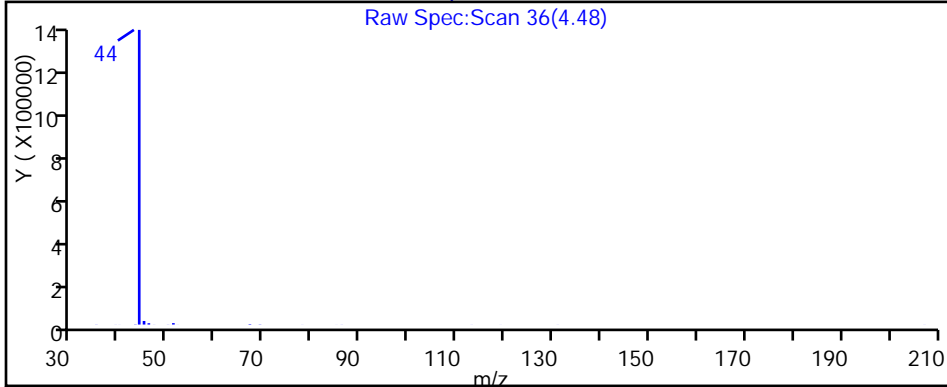
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

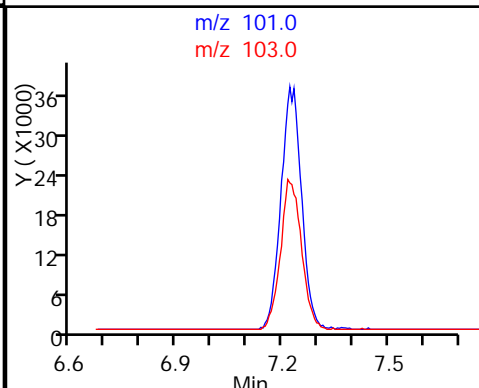
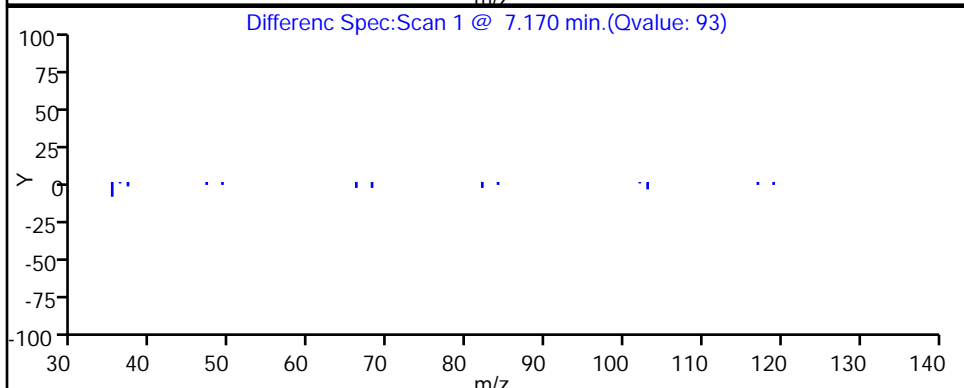
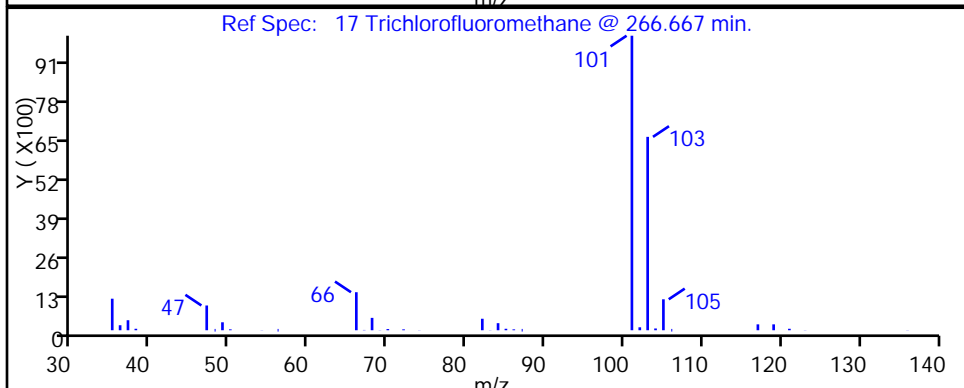
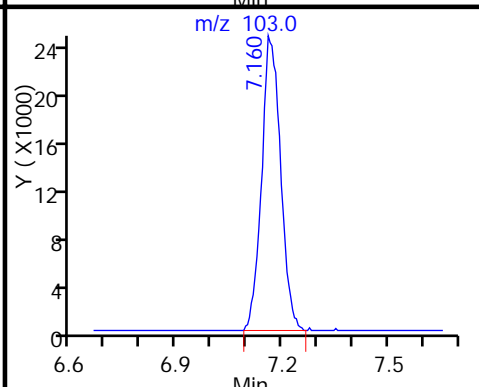
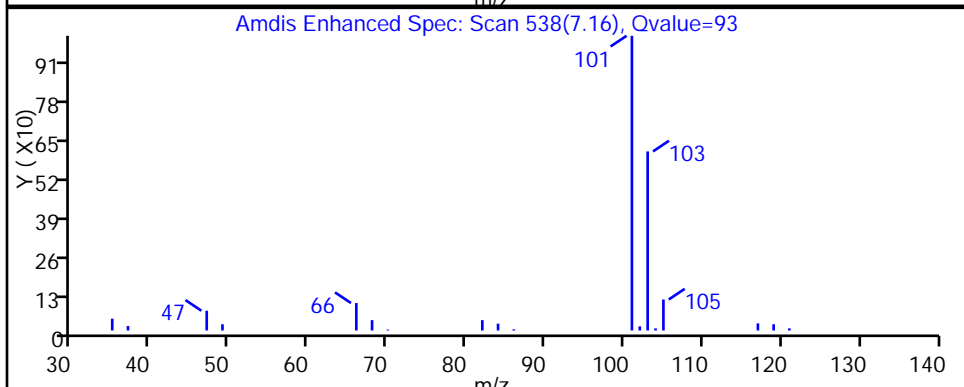
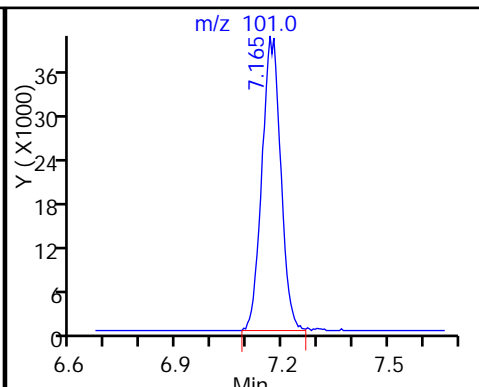
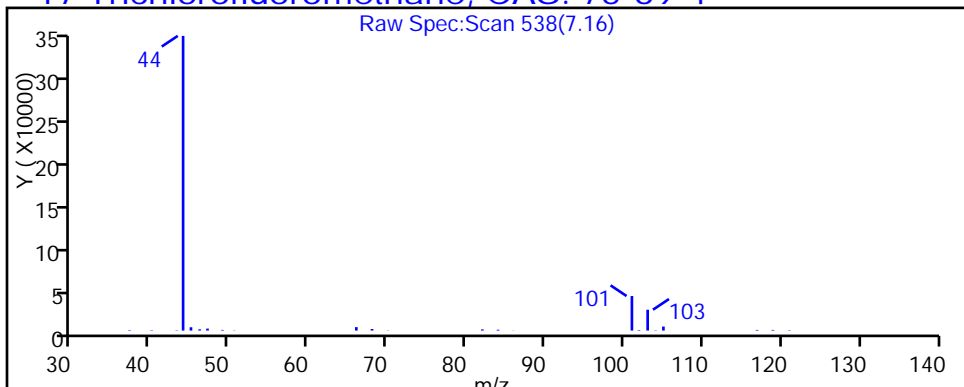
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

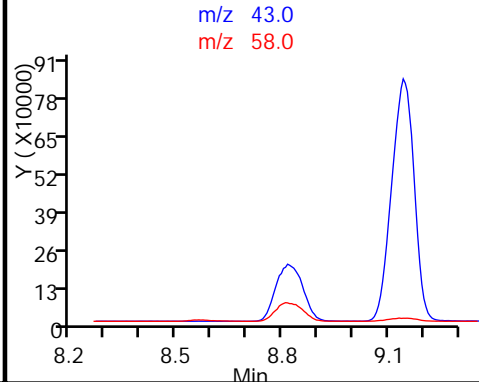
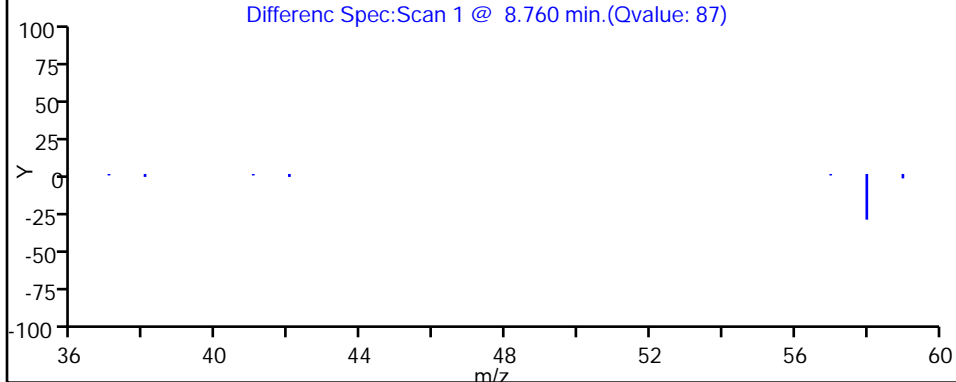
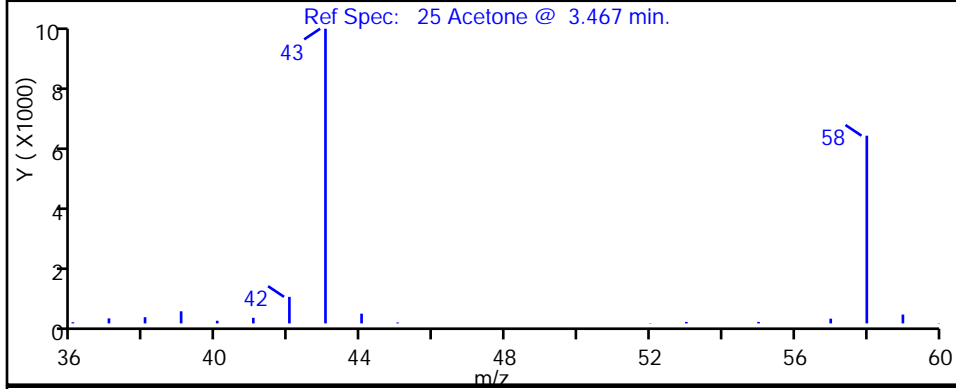
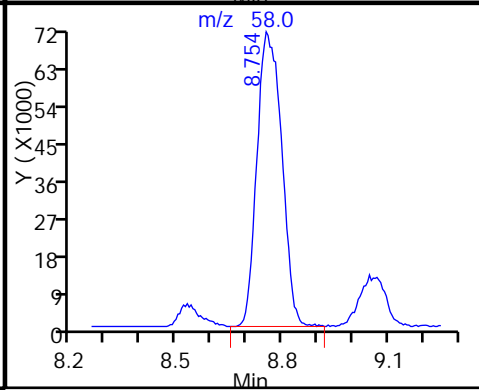
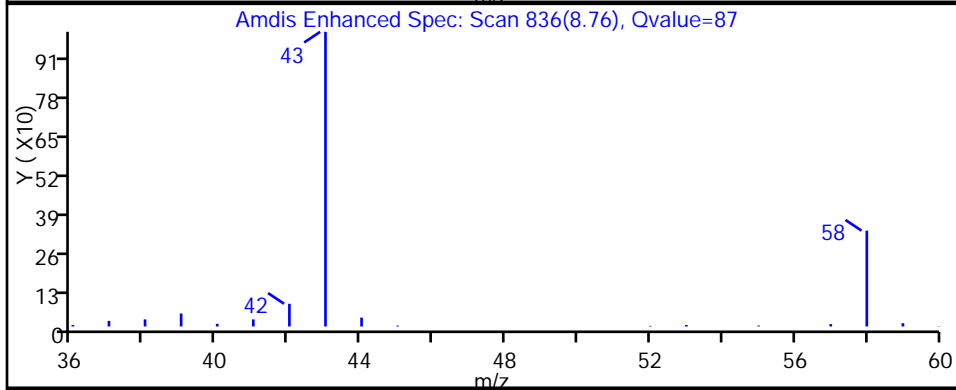
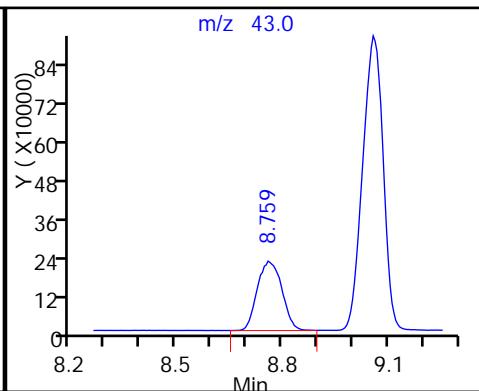
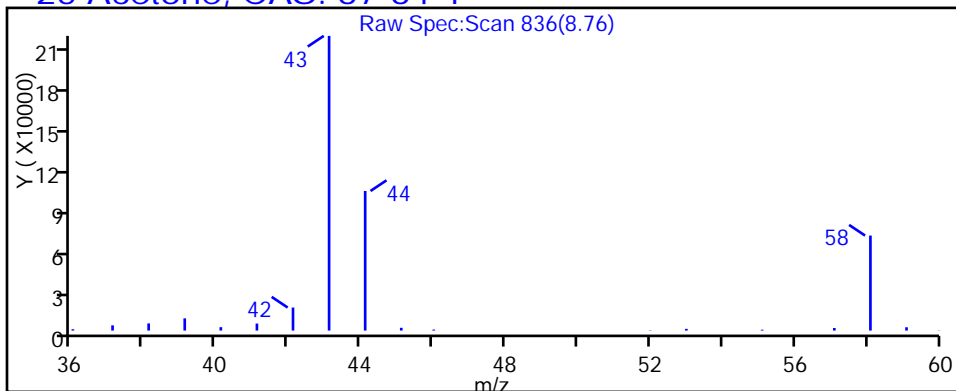
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

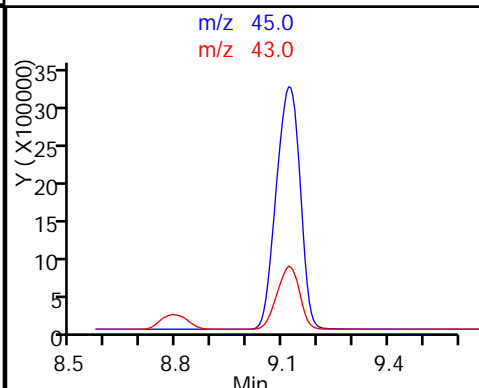
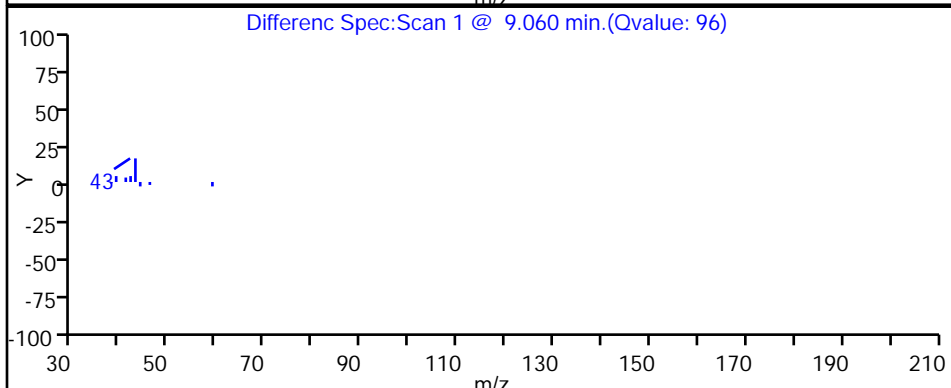
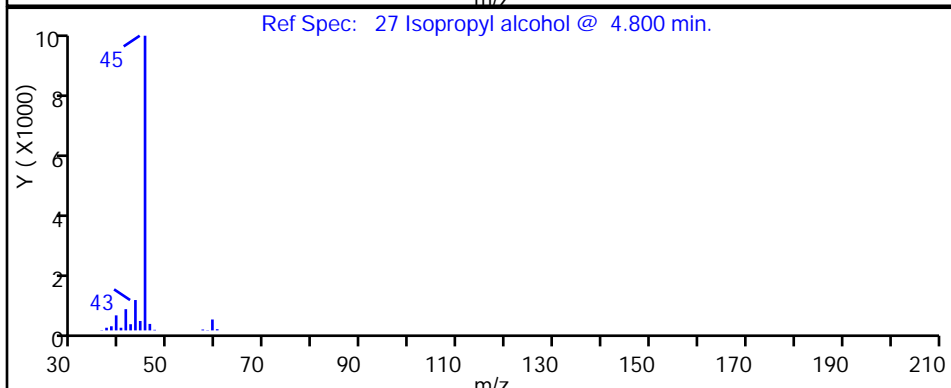
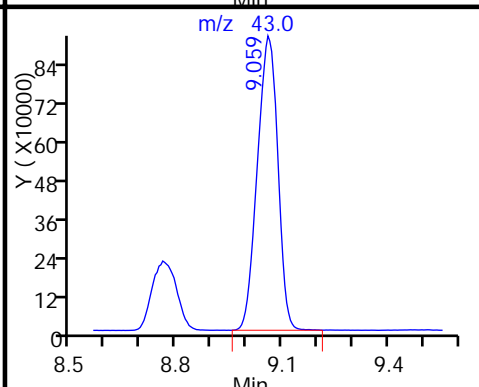
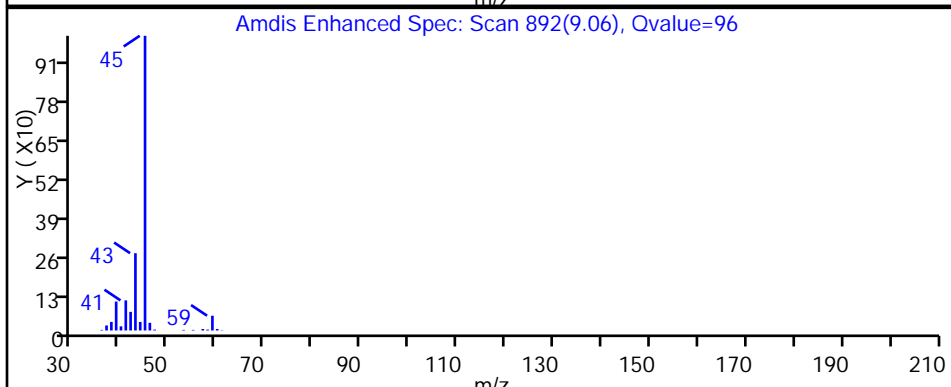
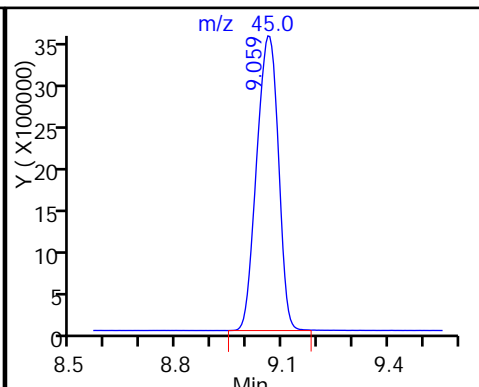
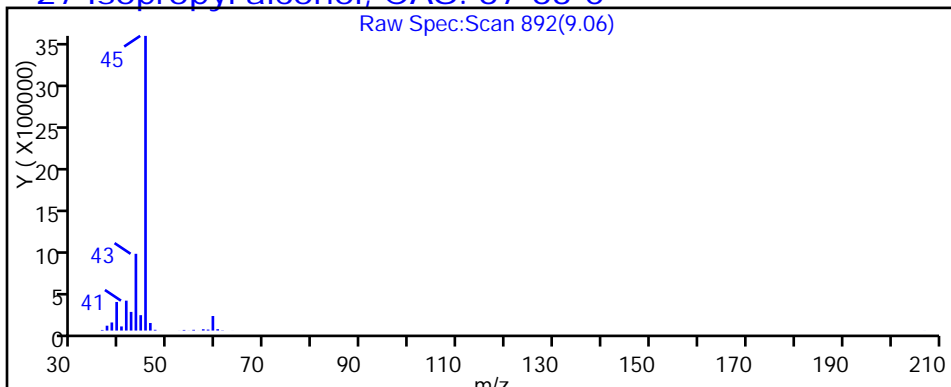
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

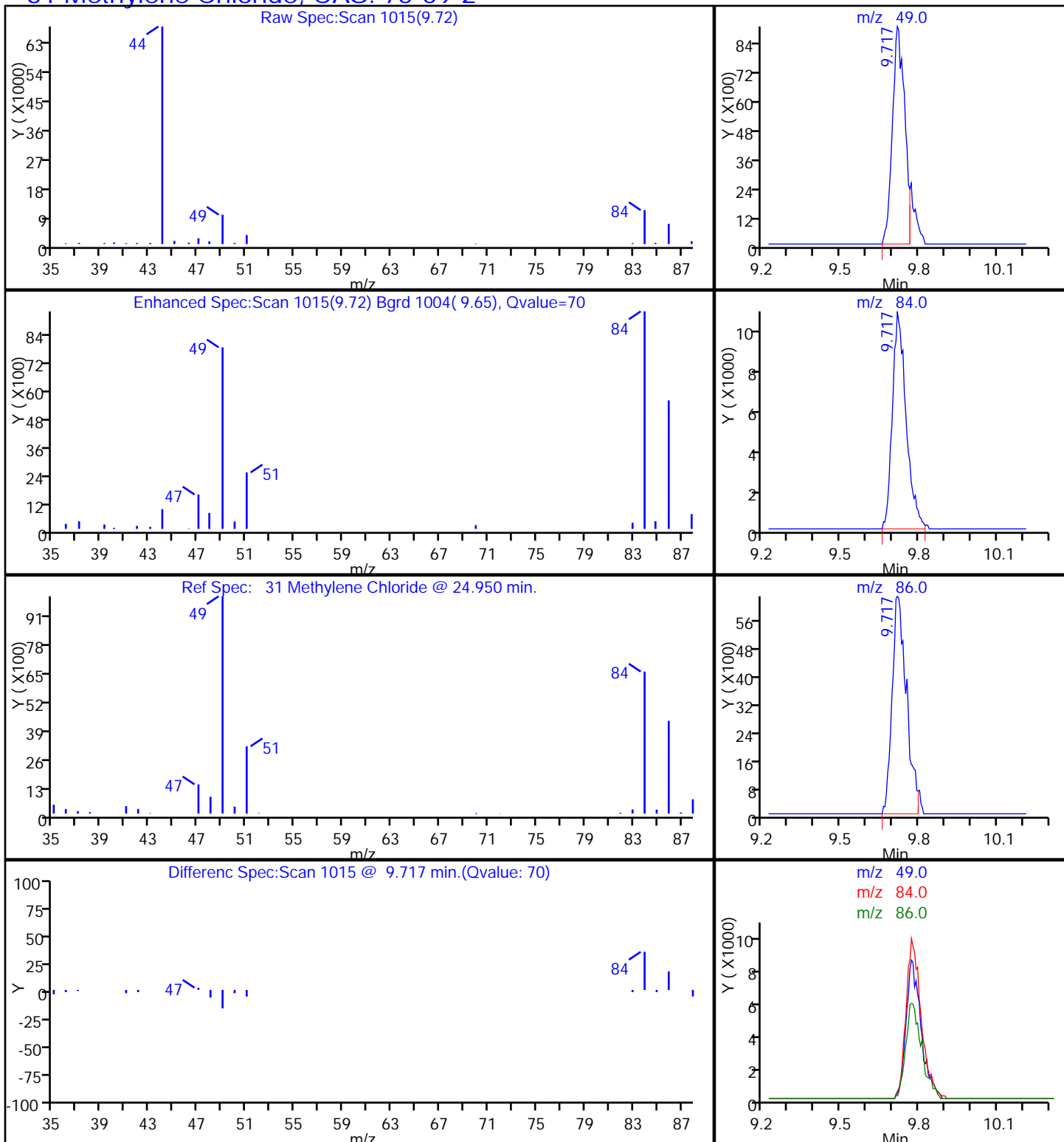
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

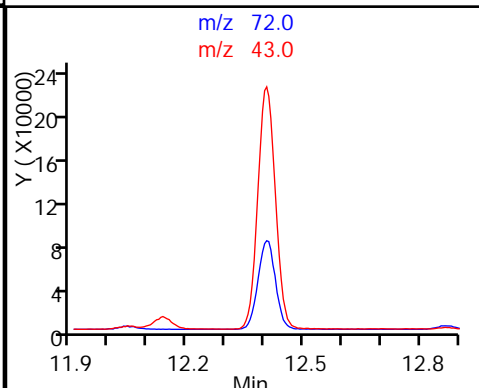
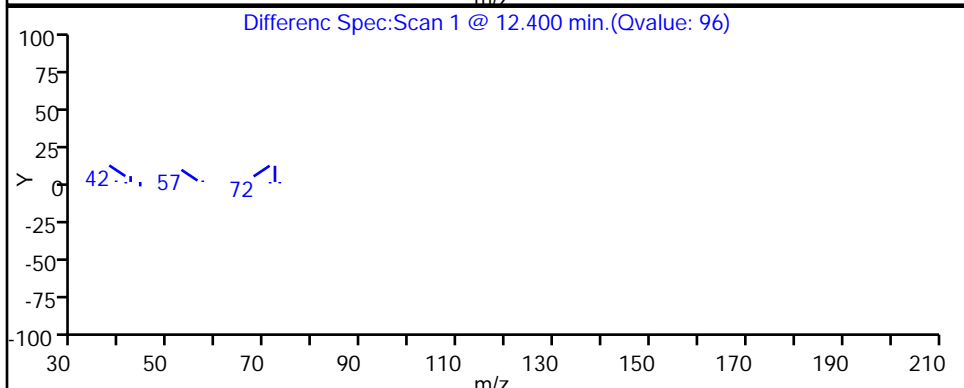
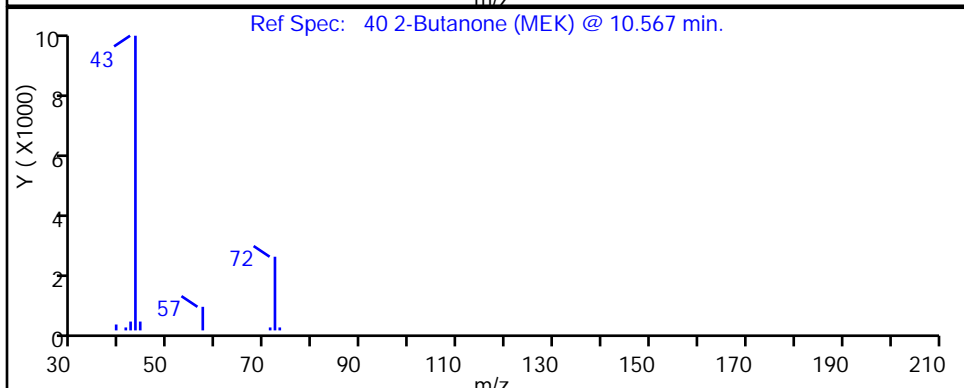
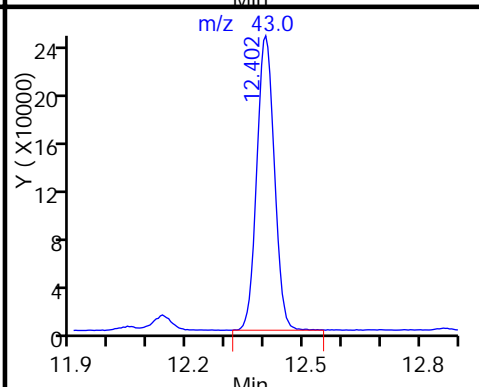
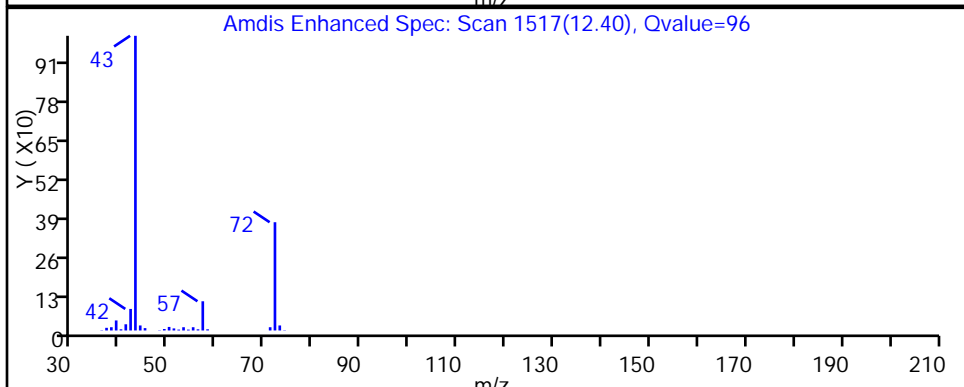
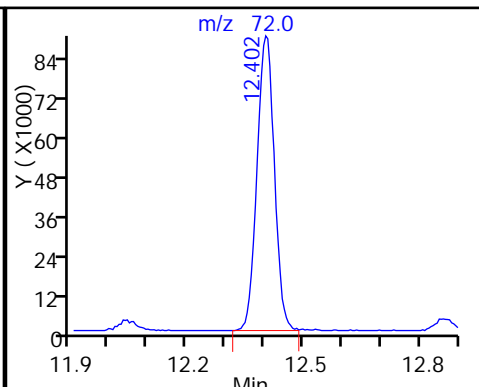
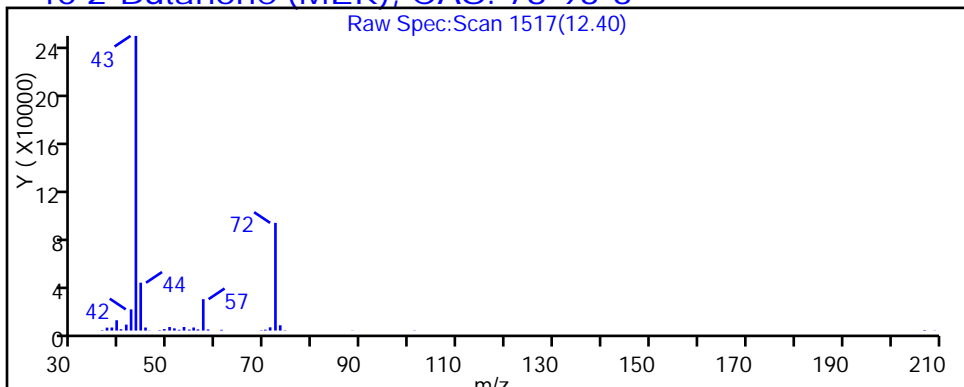
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

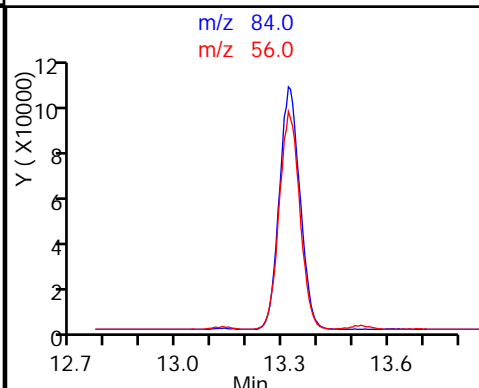
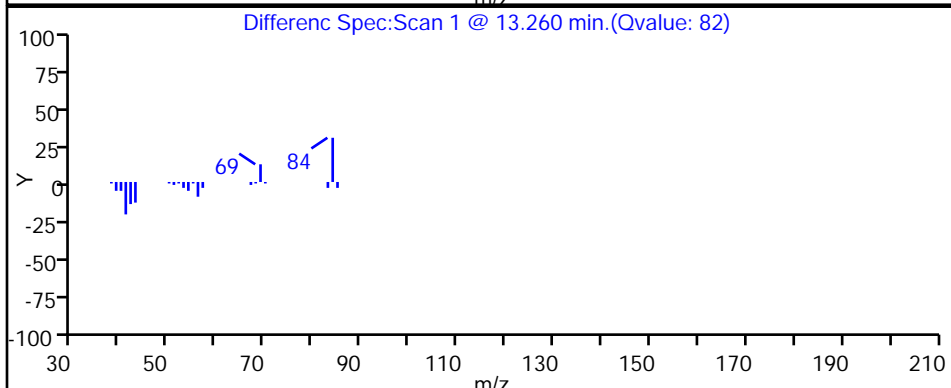
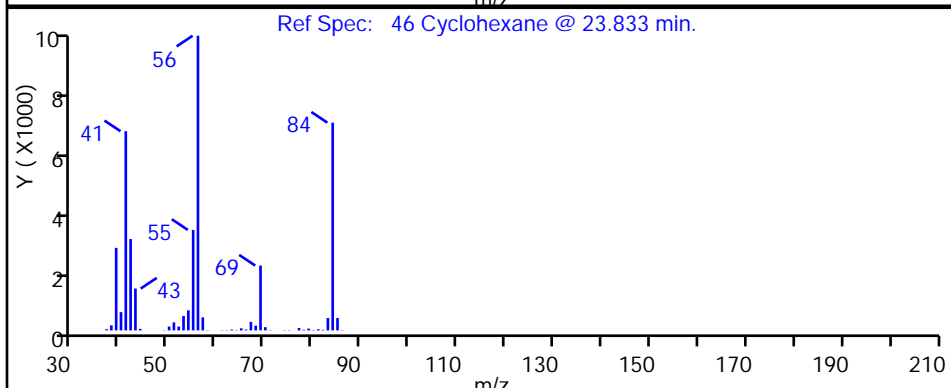
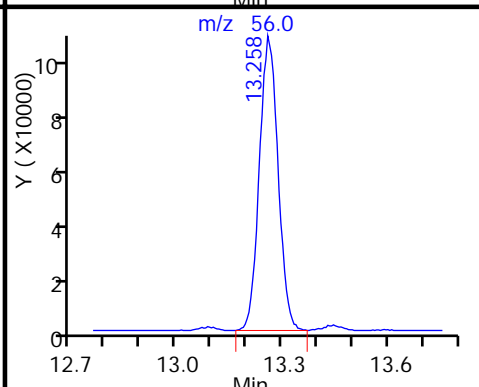
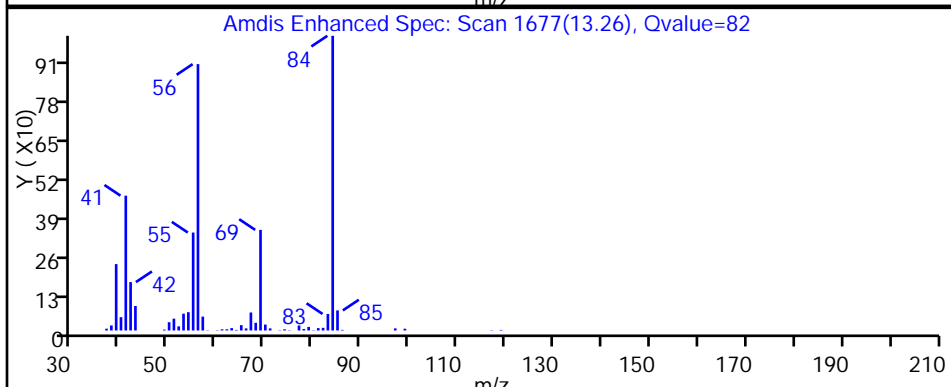
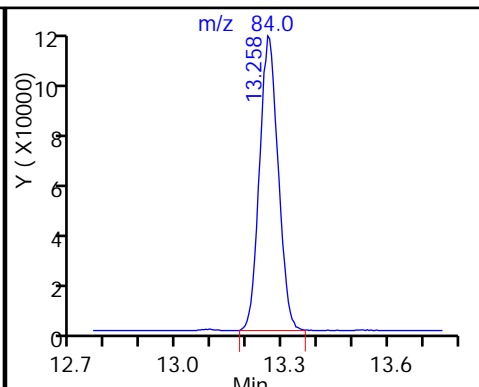
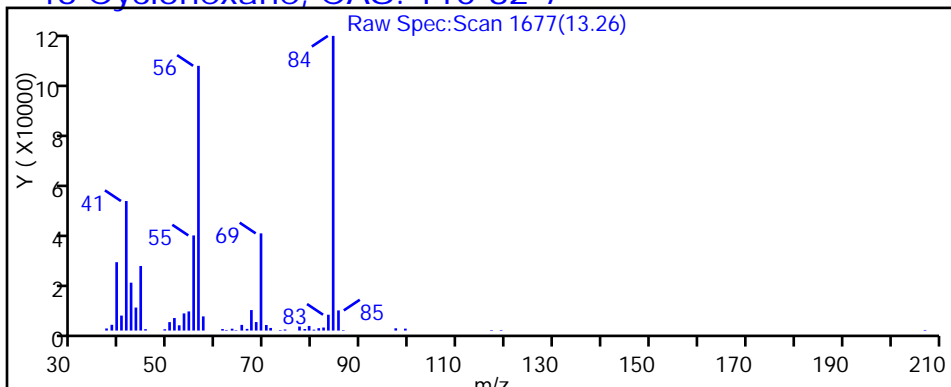
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

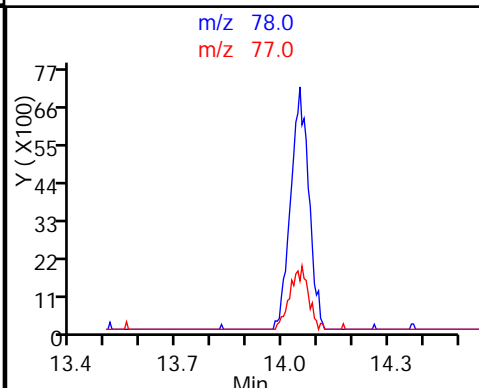
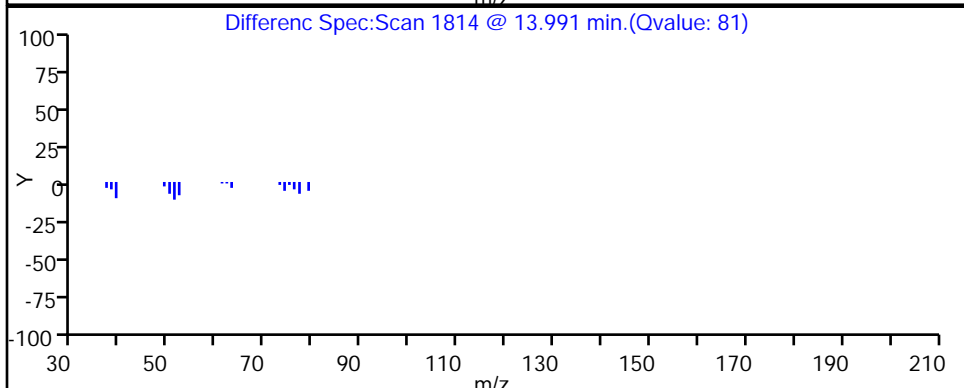
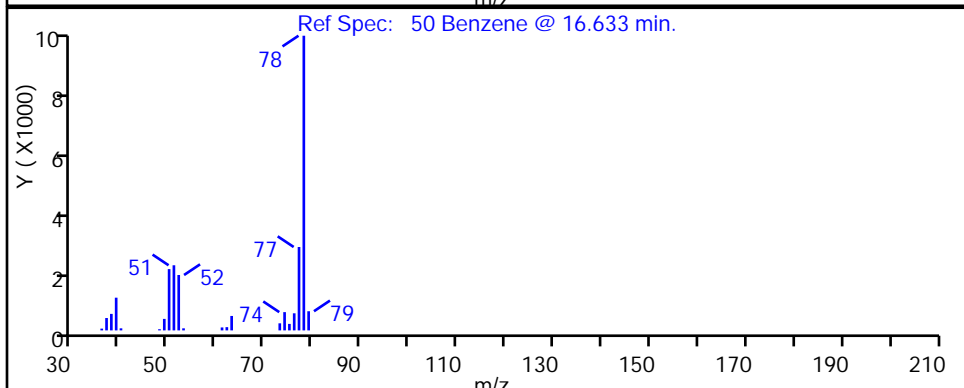
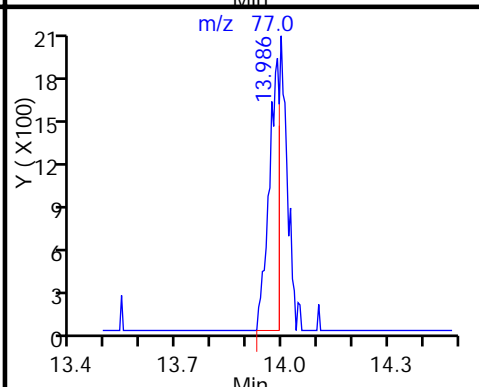
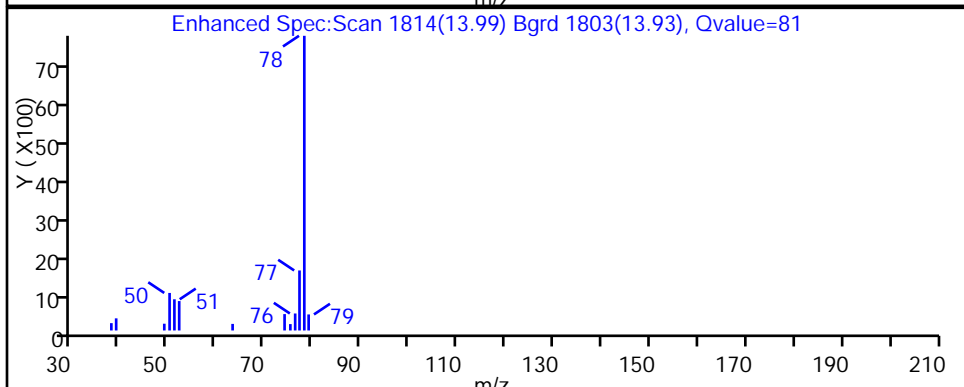
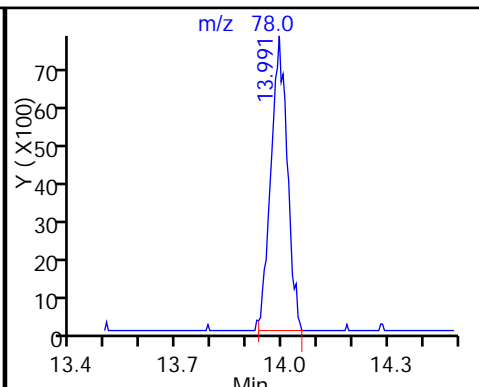
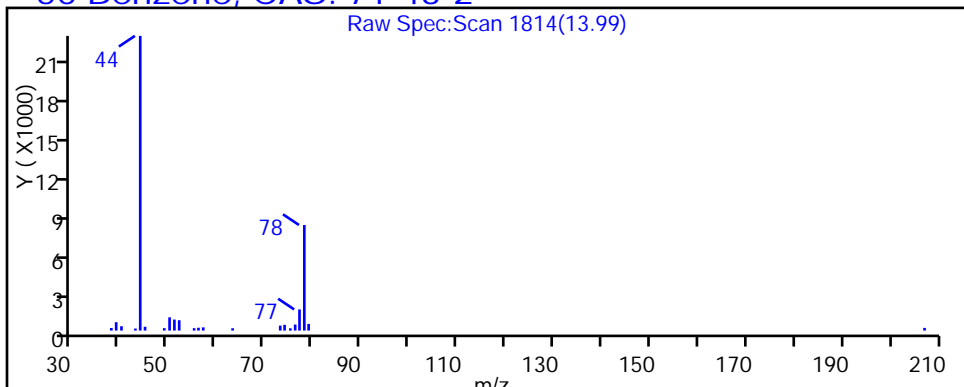
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

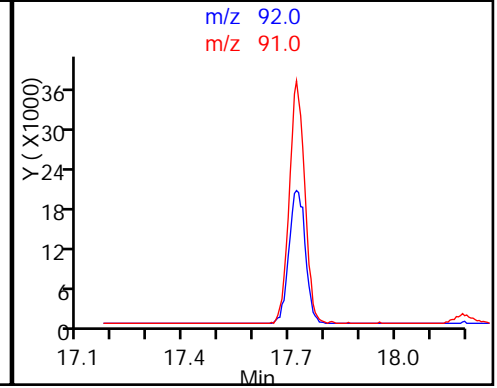
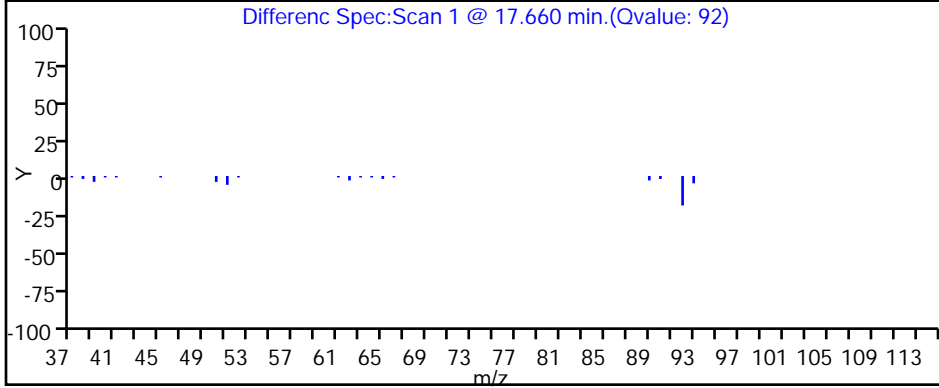
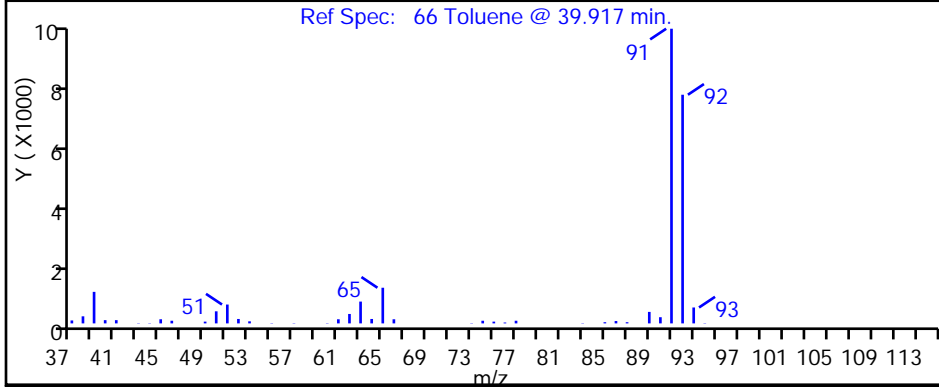
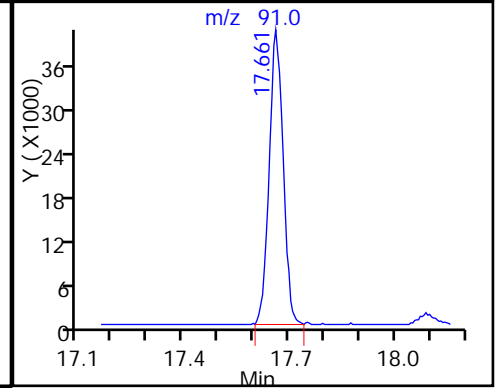
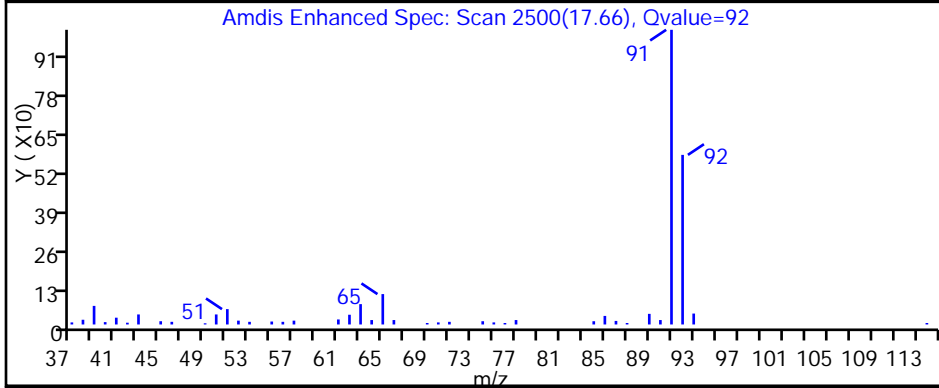
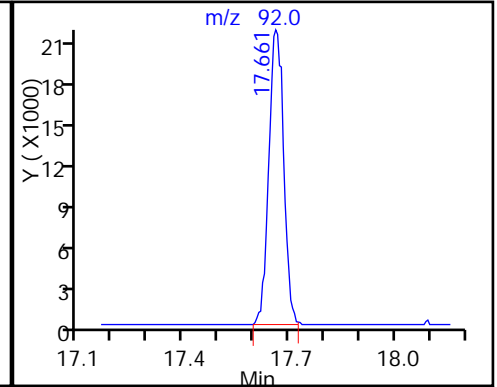
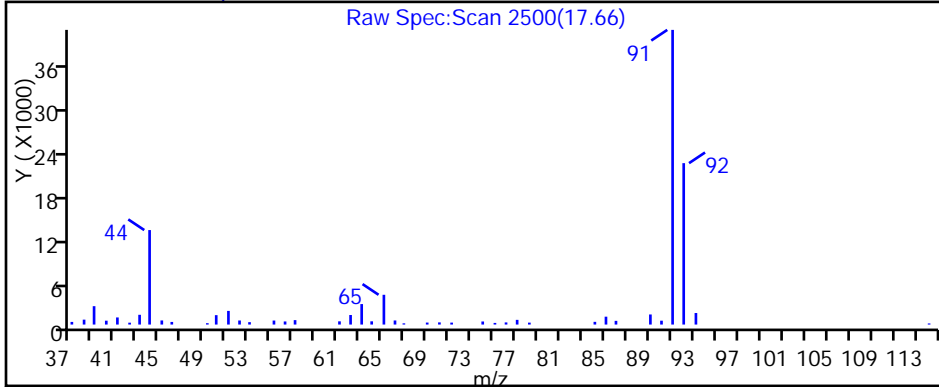
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

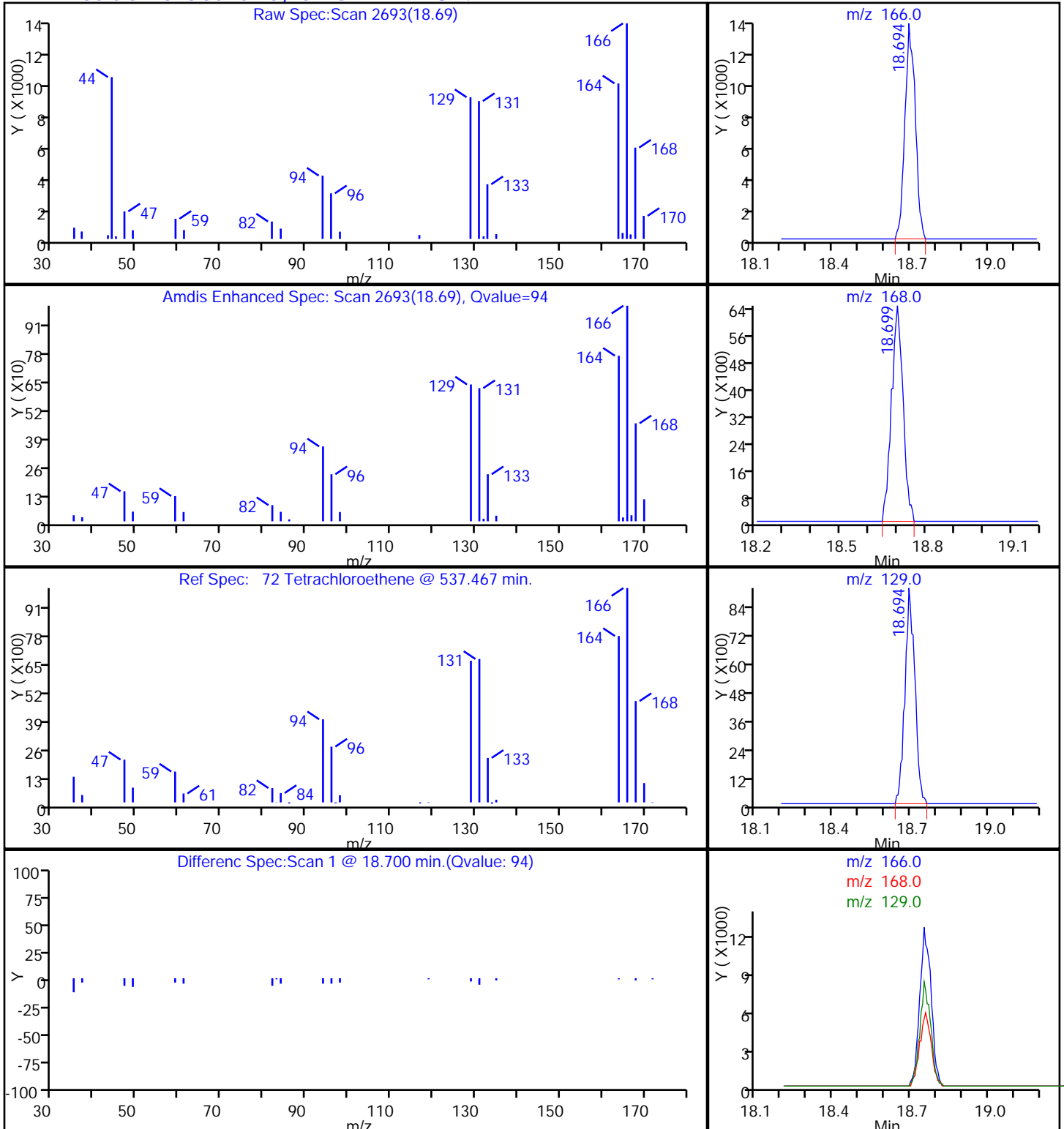
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

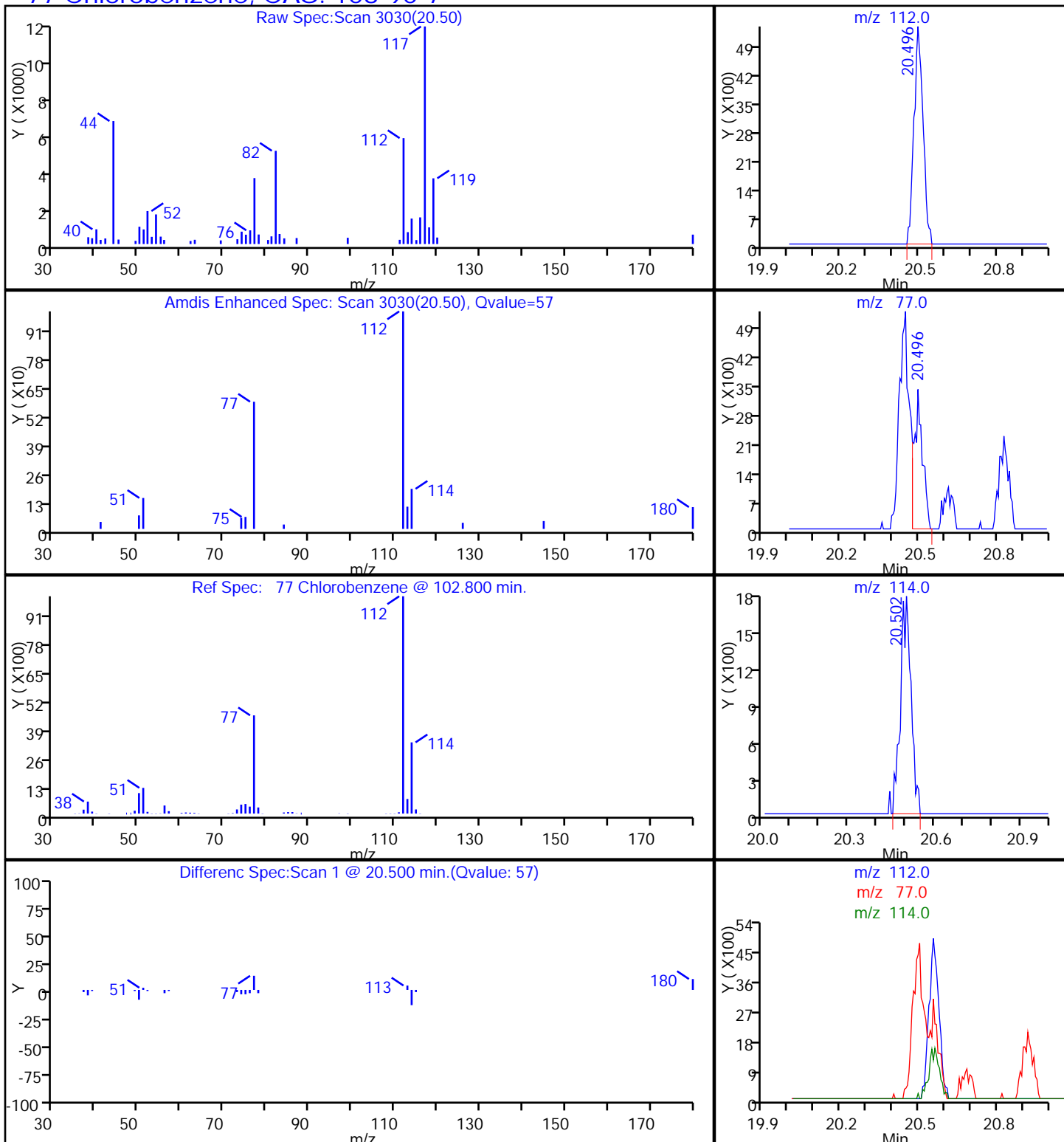
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Chlorobenzene, CAS: 108-90-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

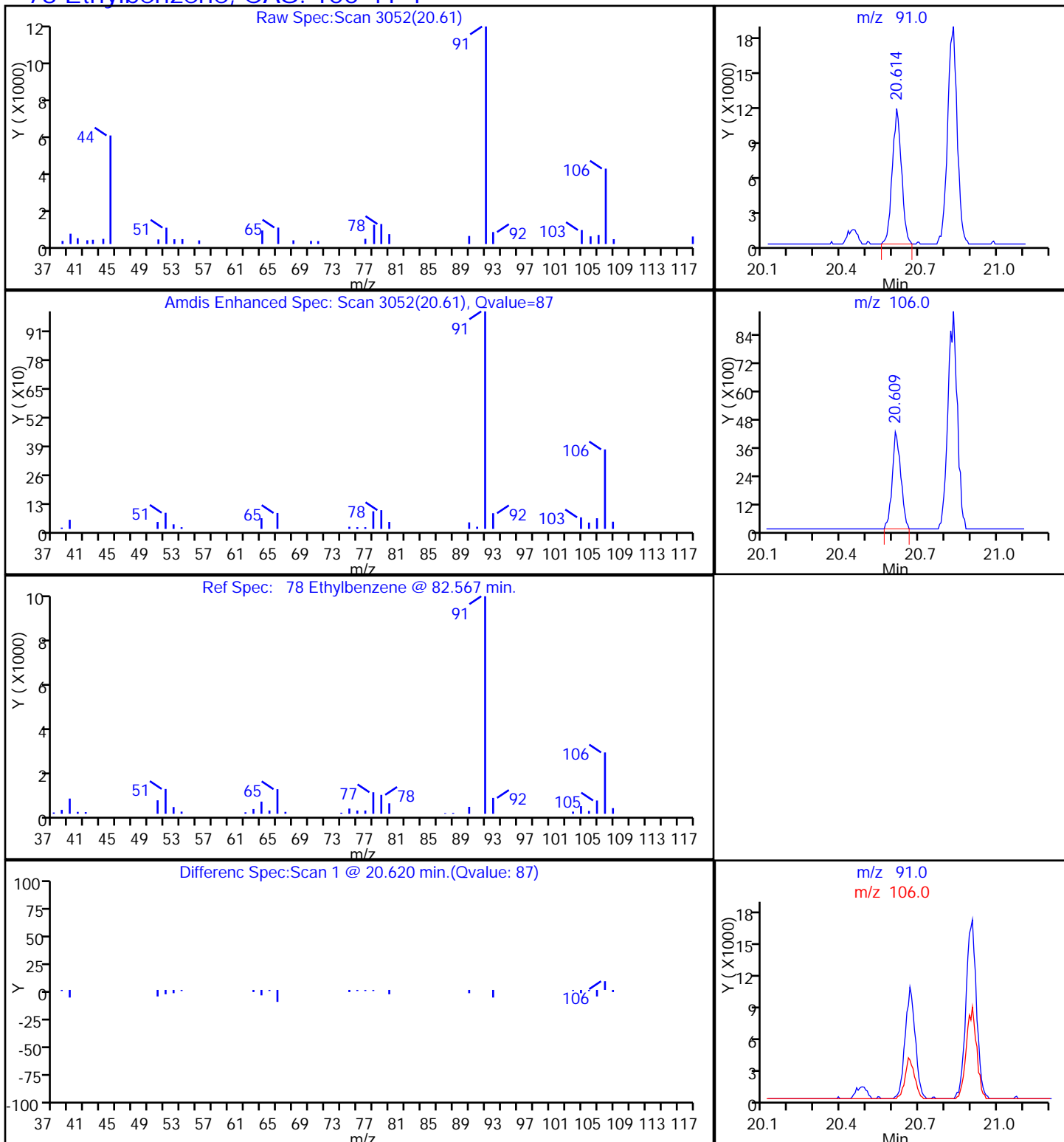
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

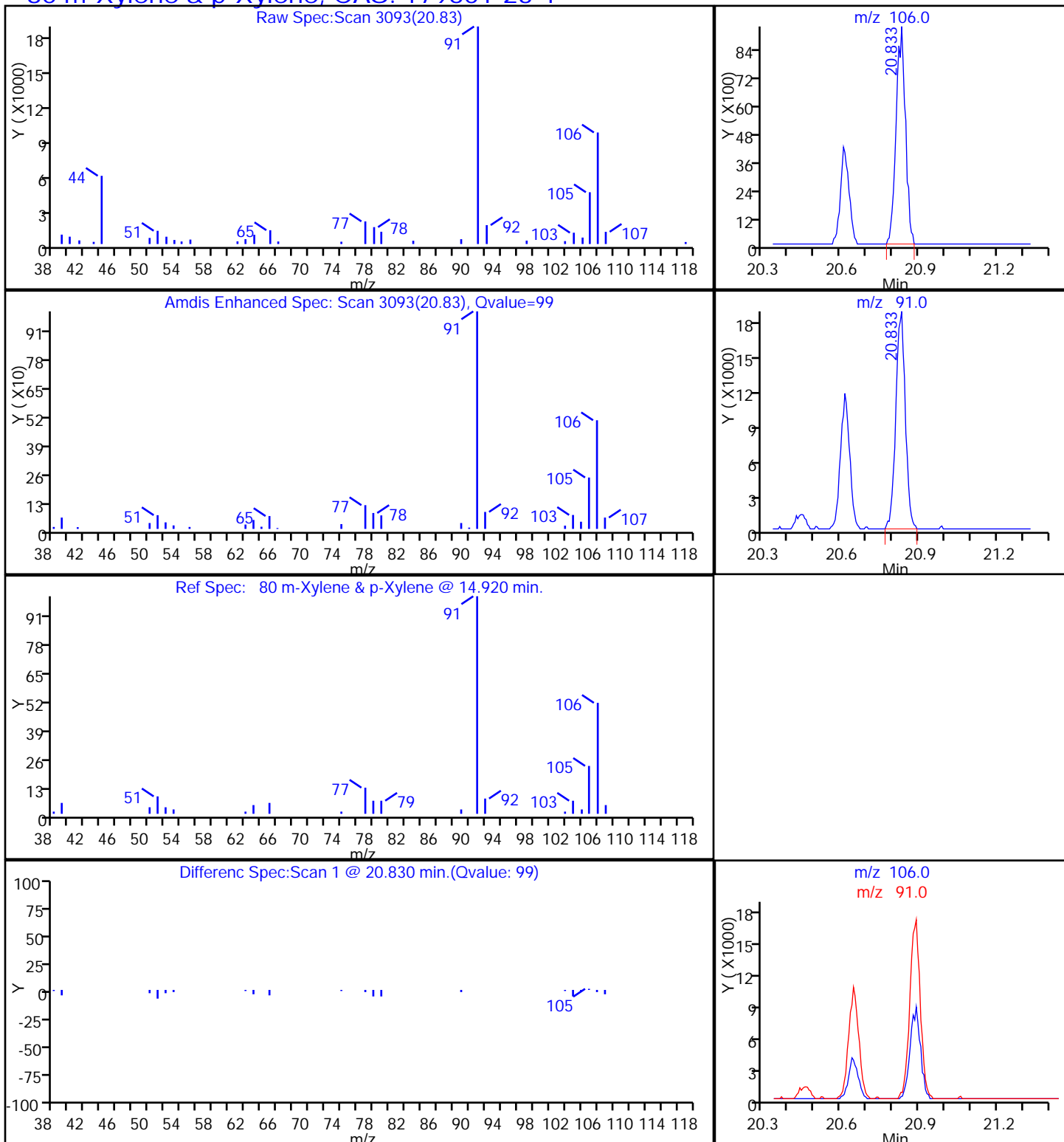
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

80 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

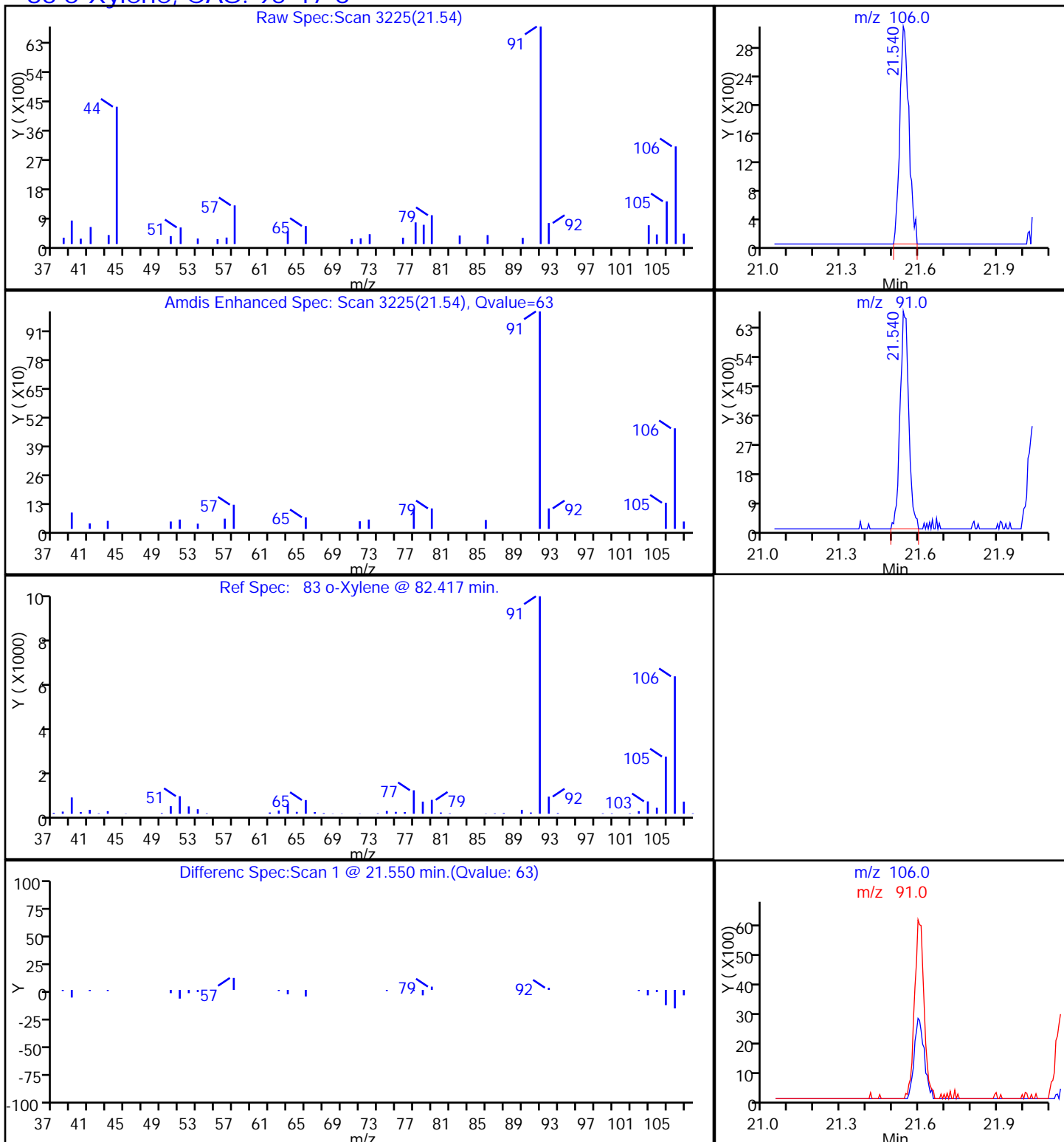
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

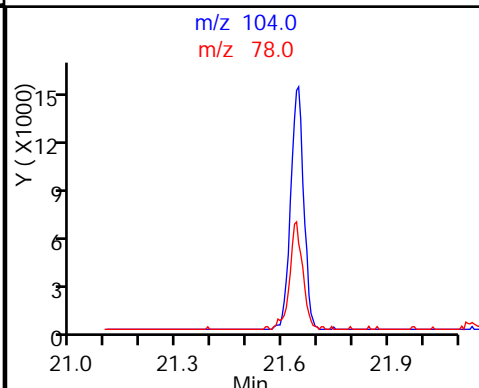
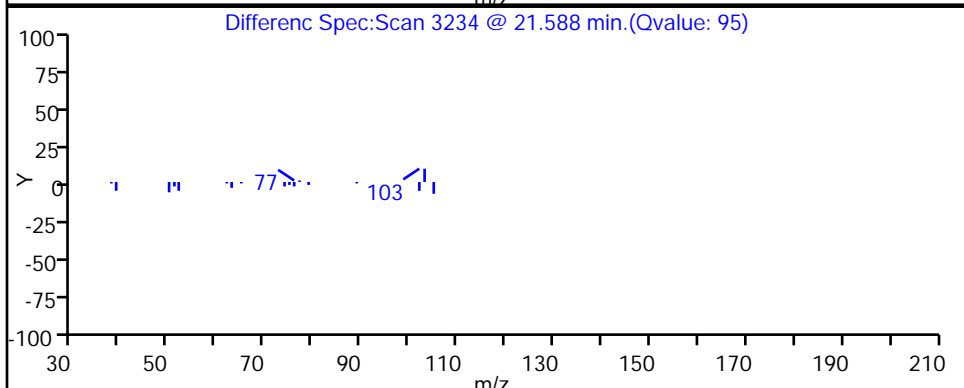
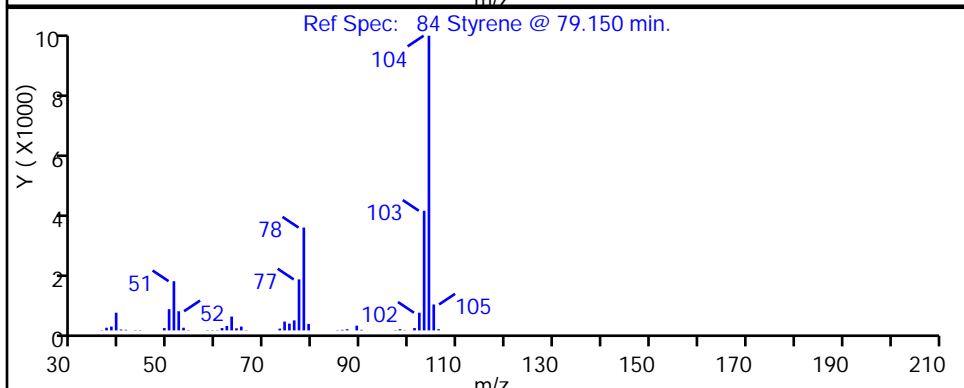
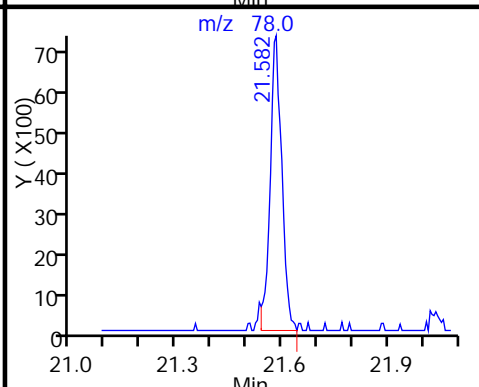
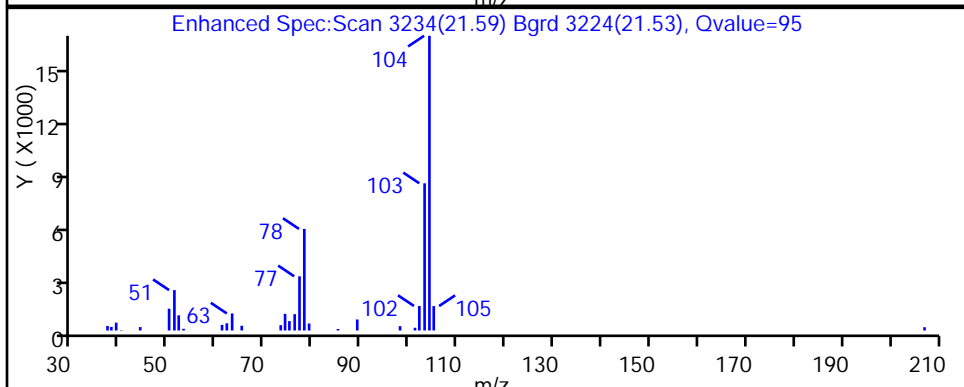
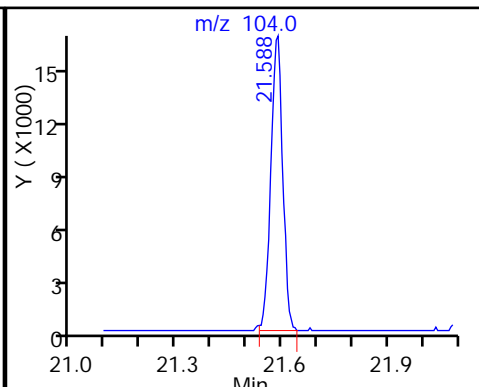
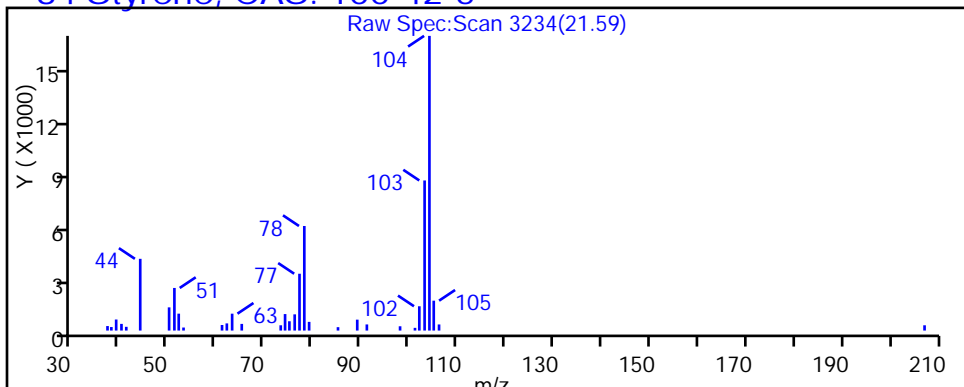
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

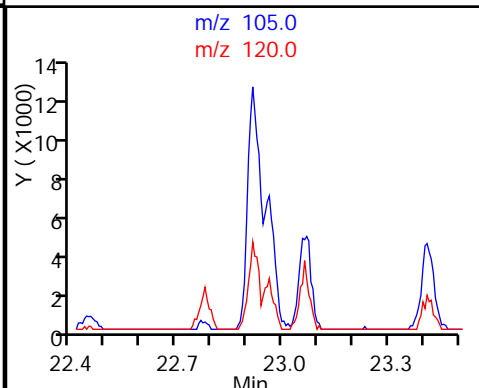
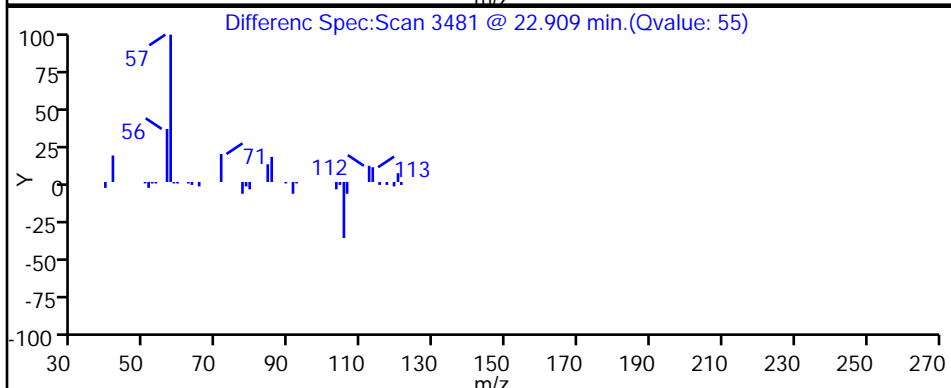
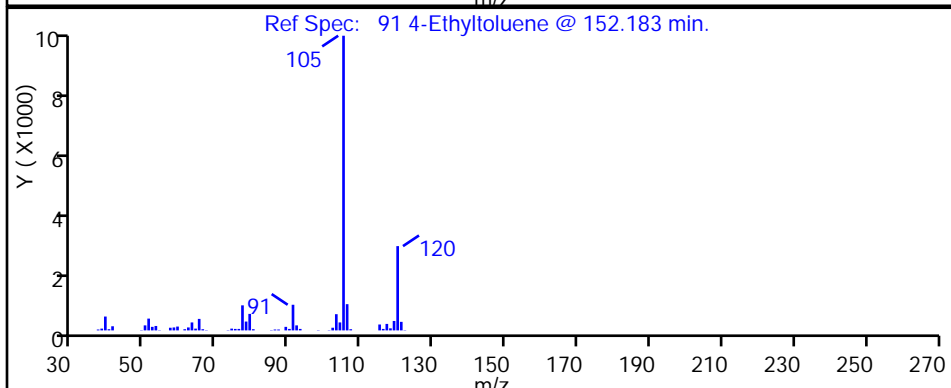
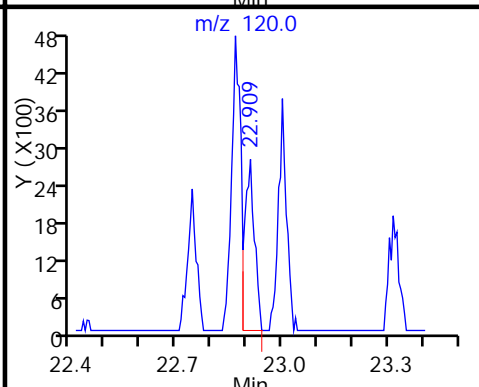
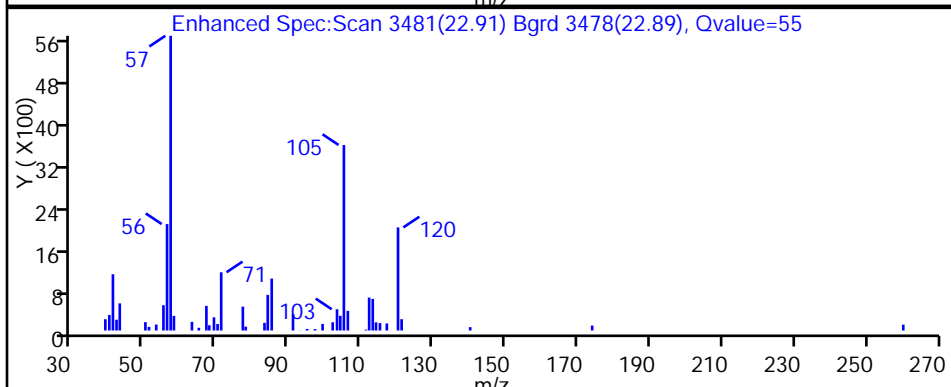
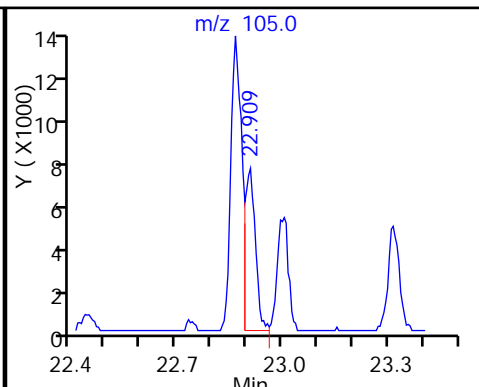
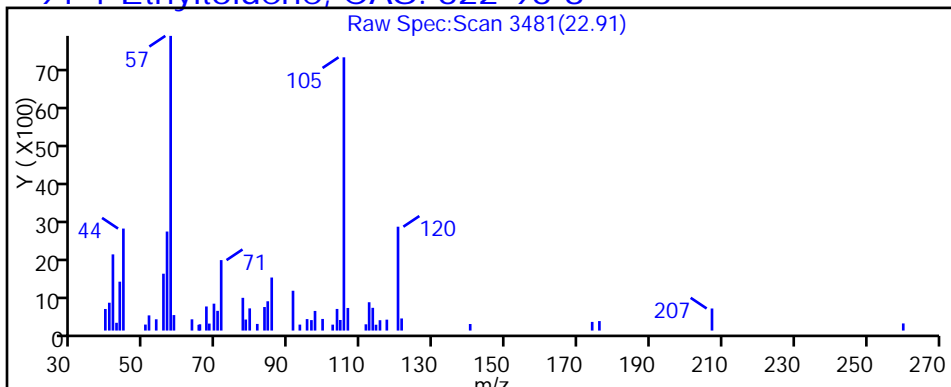
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 4-Ethyltoluene, CAS: 622-96-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

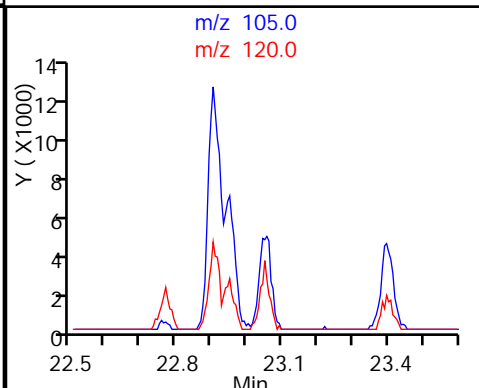
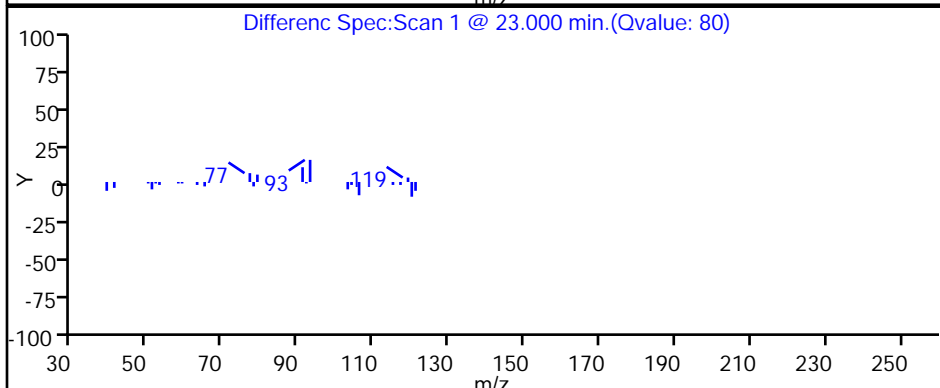
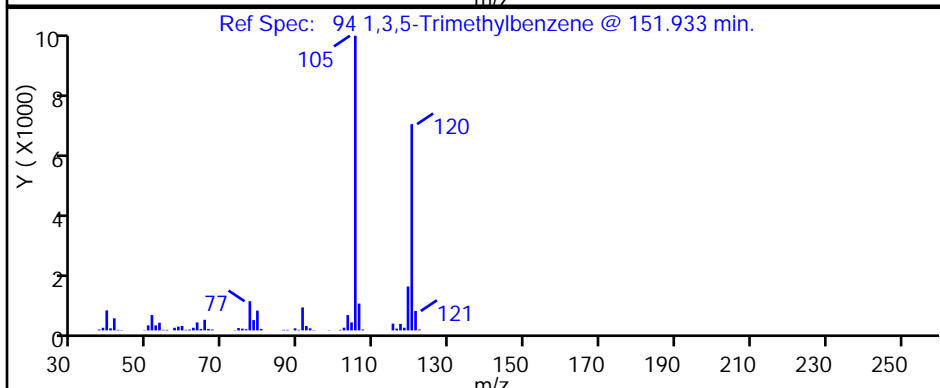
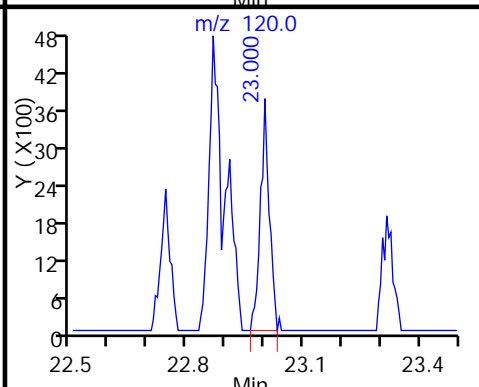
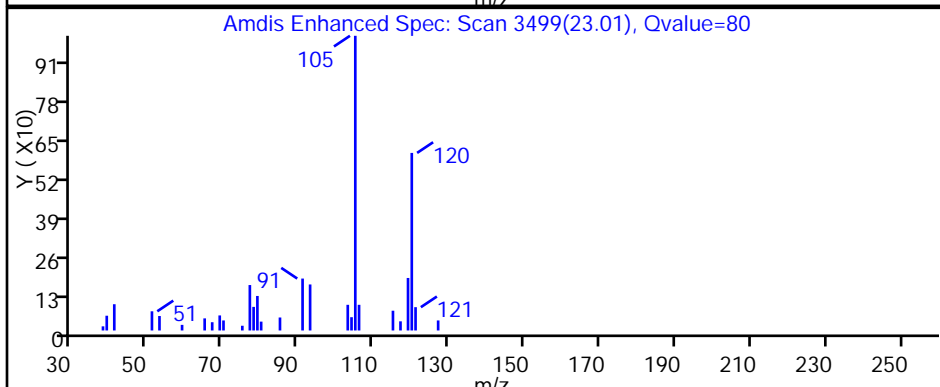
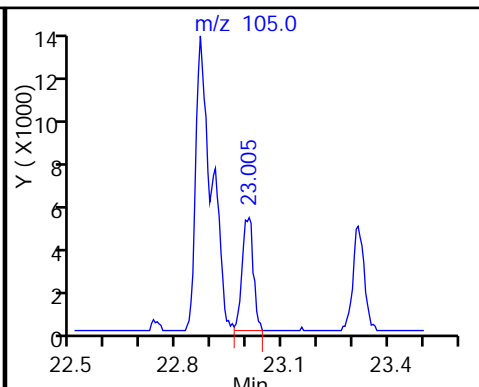
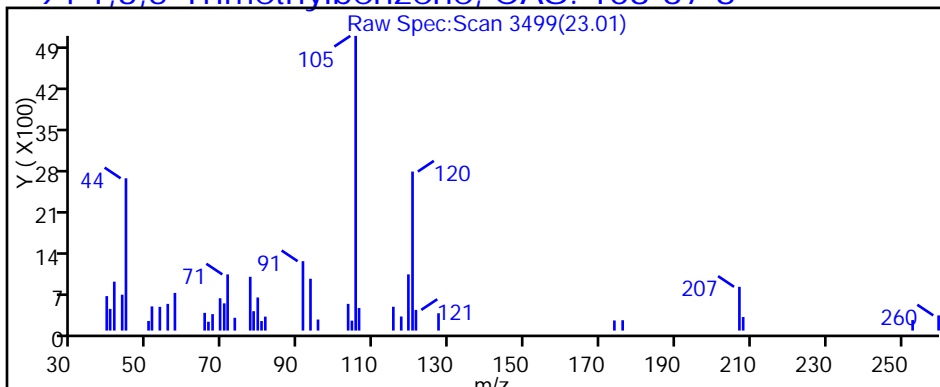
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

94 1,3,5-Trimethylbenzene, CAS: 108-67-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

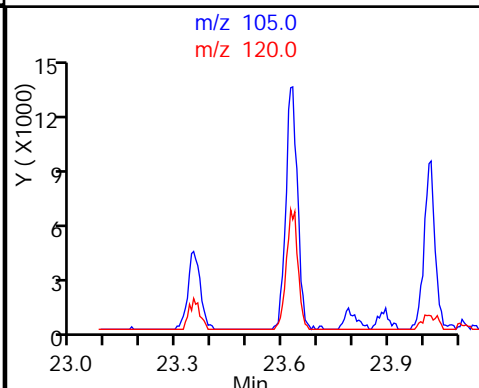
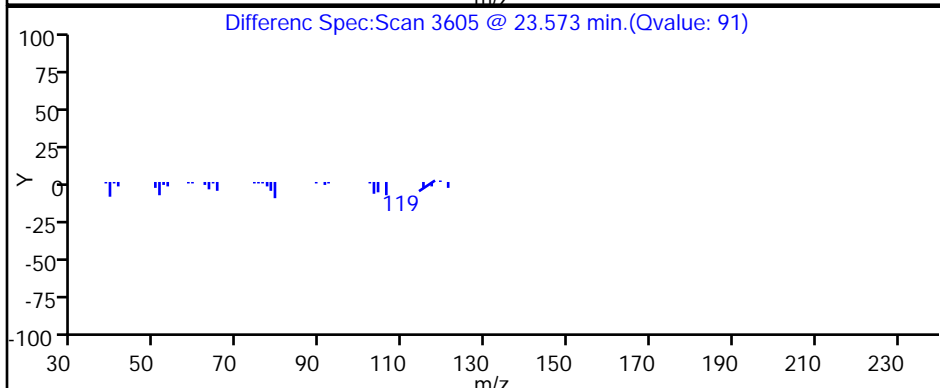
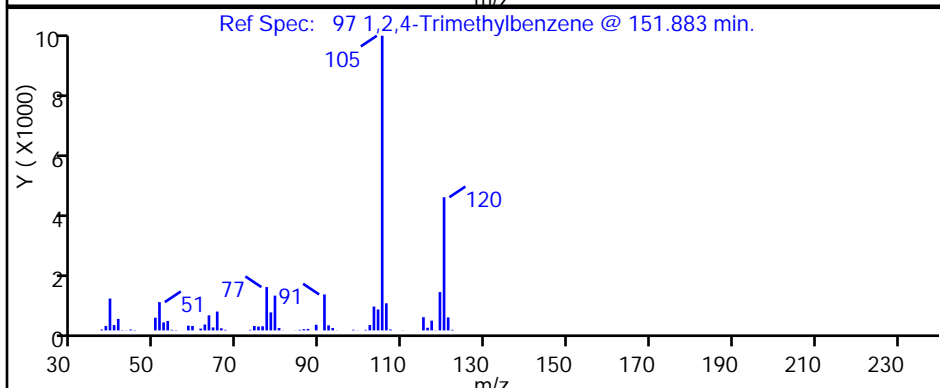
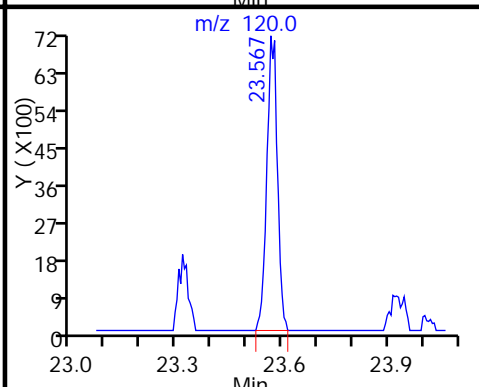
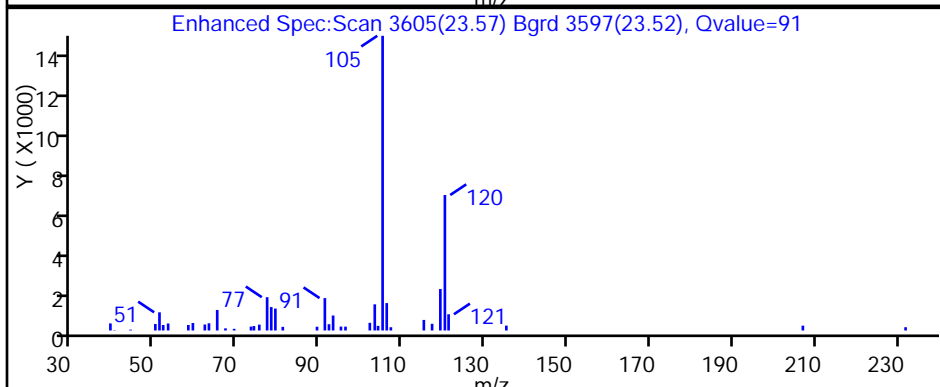
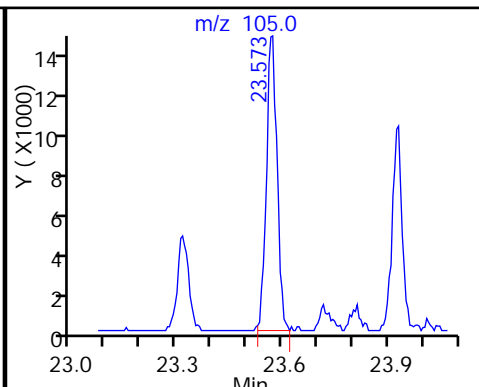
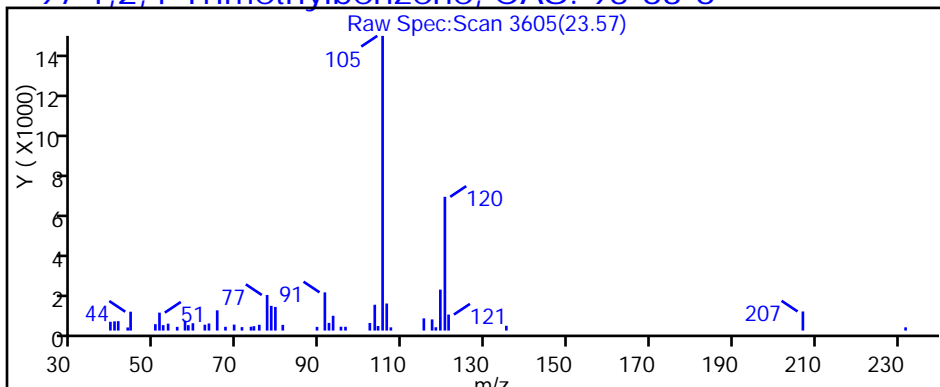
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_011.d

Injection Date: 24-Feb-2014 20:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-22

Lab Sample ID: 200-20955-22

Client ID: SS-VMP-4

Operator ID: bl

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 200.000 mL

Dil. Factor: 2.0000

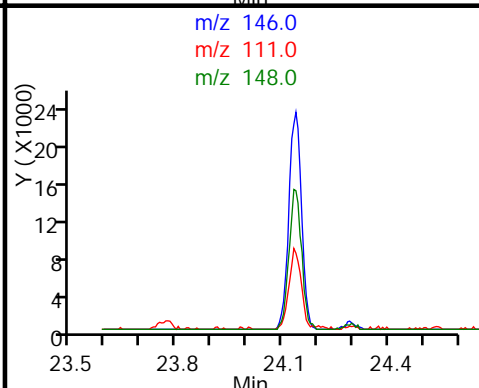
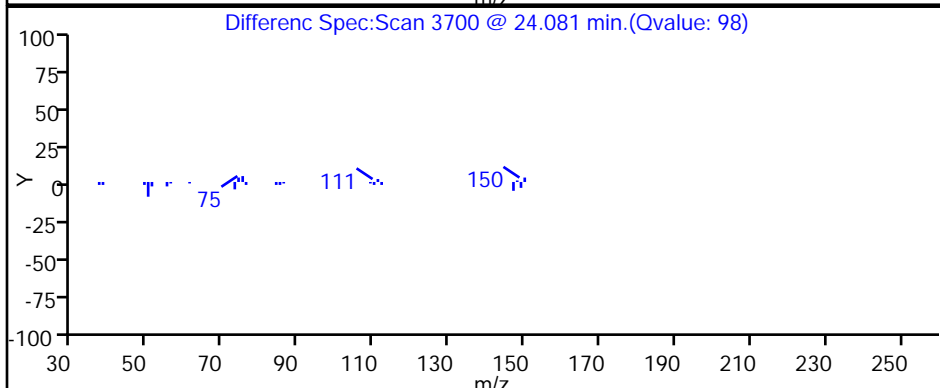
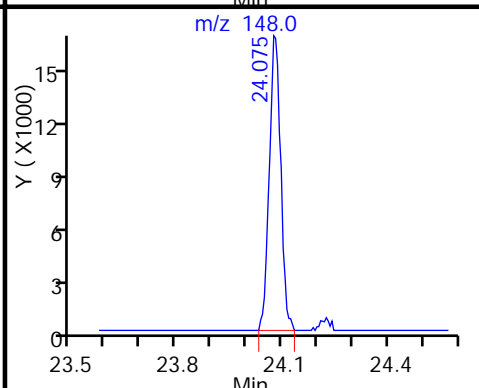
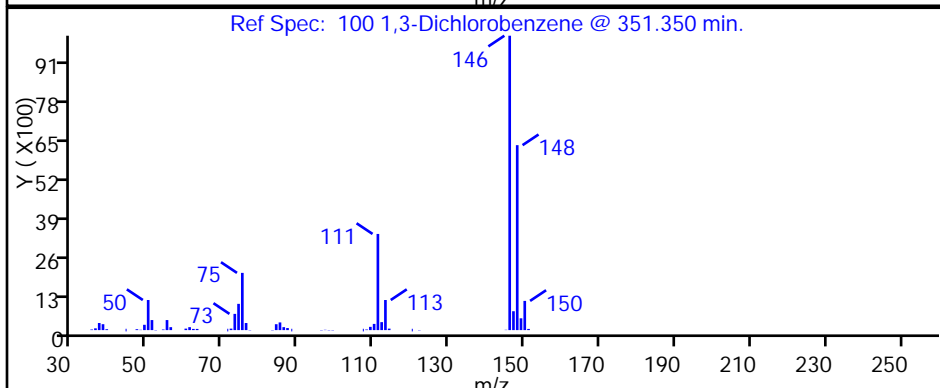
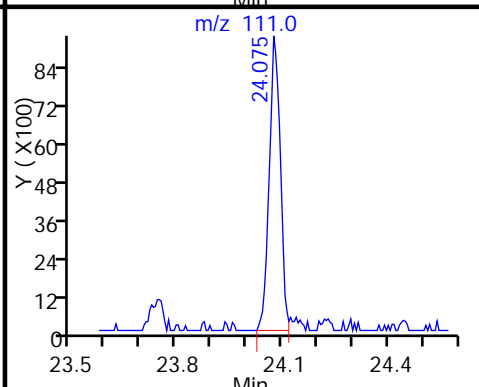
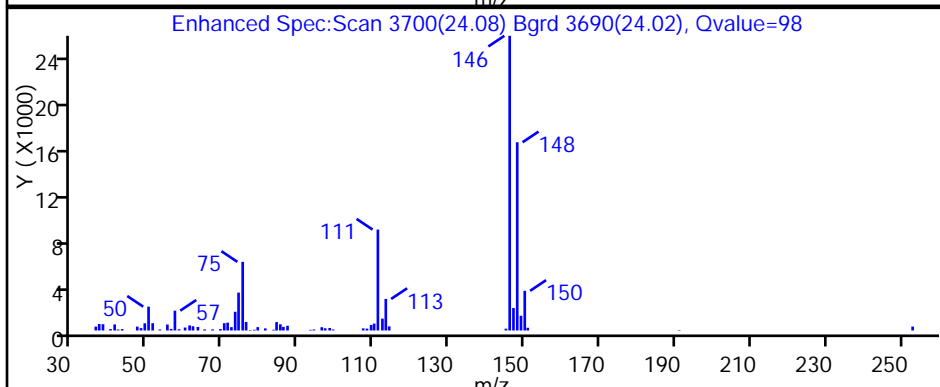
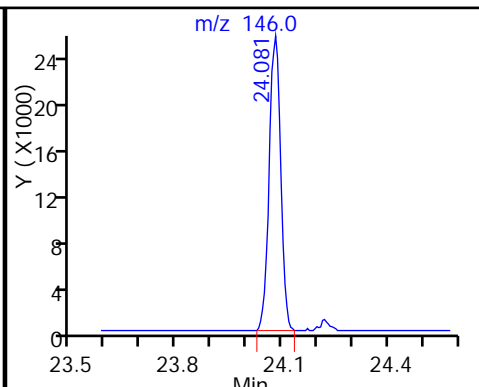
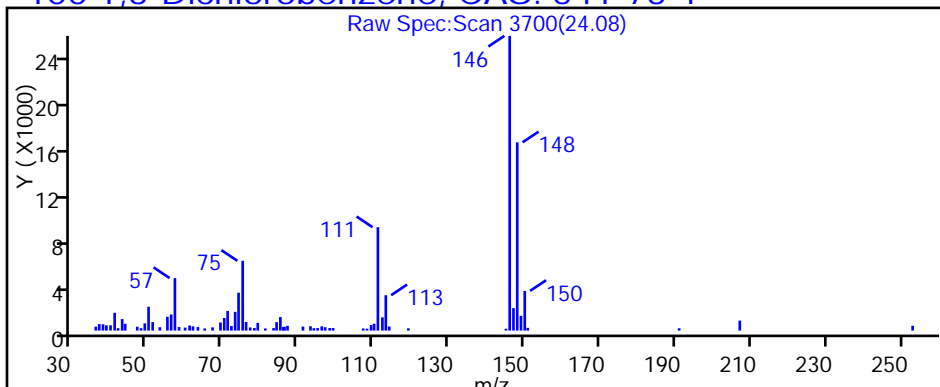
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5A Lab Sample ID: 200-20955-24
 Matrix: Air Lab File ID: 6282_013.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 35 (mL) Date Analyzed: 02/24/2014 21:40
 Soil Aliquot Vol: _____ Dilution Factor: 5.71
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.9	U	2.9	0.17
75-45-6	Freon 22	86.47	2.4	J	2.9	0.27
76-14-2	Freon-114	170.92	1.1	U	1.1	0.20
74-87-3	Chloromethane	50.49	2.9	U	2.9	0.78
106-97-8	n-Butane	58.12	2.9	U	2.9	1.6
75-01-4	Vinyl chloride	62.50	0.23	U	0.23	0.22
106-99-0	1,3-Butadiene	54.09	1.1	U	1.1	0.24
74-83-9	Bromomethane	94.94	1.1	U	1.1	0.16
75-00-3	Chloroethane	64.52	2.9	U	2.9	0.17
593-60-2	Vinyl bromide	106.96	1.1	U	1.1	0.17
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	3.1		1.1	0.10
75-35-4	1,1-Dichloroethene	96.94	1.1	U	1.1	0.14
67-64-1	Acetone	58.08	26	J	29	7.1
67-63-0	Isopropyl alcohol	60.10	510	E	29	1.2
75-15-0	Carbon disulfide	76.14	1.4	J	2.9	0.38
107-05-1	Allyl chloride	76.53	2.9	U	2.9	0.19
75-09-2	Methylene Chloride	84.93	100		2.9	0.71
75-65-0	tert-Butyl alcohol	74.12	29	U	29	1.9
1634-04-4	Methyl tert-butyl ether	88.15	1.1	U	1.1	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	1.1	U	1.1	0.17
110-54-3	Hexane	86.17	0.70	J	1.1	0.19
75-34-3	1,1-Dichloroethane	98.96	0.98	J	1.1	0.22
78-93-3	Methyl Ethyl Ketone	72.11	18		2.9	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	1.1	U	1.1	0.22
540-59-0	1,2-Dichloroethene, Total	96.94	1.1	U	1.1	0.37
67-66-3	Chloroform	119.38	10		1.1	0.14
109-99-9	Tetrahydrofuran	72.11	29	U	29	0.26
71-55-6	1,1,1-Trichloroethane	133.41	2.2		1.1	0.12
110-82-7	Cyclohexane	84.16	0.97	J	1.1	0.14
56-23-5	Carbon tetrachloride	153.81	0.23	U	0.23	0.12
540-84-1	2,2,4-Trimethylpentane	114.23	0.60	J	1.1	0.15
71-43-2	Benzene	78.11	0.36	J	1.1	0.11
107-06-2	1,2-Dichloroethane	98.96	1.1	U	1.1	0.097
142-82-5	Heptane	100.21	1.1	U	1.1	0.26

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5A Lab Sample ID: 200-20955-24
 Matrix: Air Lab File ID: 6282_013.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 35 (mL) Date Analyzed: 02/24/2014 21:40
 Soil Aliquot Vol: _____ Dilution Factor: 5.71
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	4.8		0.23	0.14
80-62-6	Methyl methacrylate	100.12	2.9	U	2.9	0.17
78-87-5	1,2-Dichloropropane	112.99	1.1	U	1.1	0.18
123-91-1	1,4-Dioxane	88.11	1.5	J	29	1.1
75-27-4	Bromodichloromethane	163.83	1.1	U	1.1	0.097
10061-01-5	cis-1,3-Dichloropropene	110.97	1.1	U	1.1	0.16
108-10-1	methyl isobutyl ketone	100.16	2.9	U	2.9	0.15
108-88-3	Toluene	92.14	1.6		1.1	0.097
10061-02-6	trans-1,3-Dichloropropene	110.97	1.1	U	1.1	0.13
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.097
127-18-4	Tetrachloroethene	165.83	2.3		1.1	0.091
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.9	U	2.9	1.1
124-48-1	Dibromochloromethane	208.29	1.1	U	1.1	0.11
106-93-4	1,2-Dibromoethane	187.87	1.1	U	1.1	0.11
108-90-7	Chlorobenzene	112.56	1.1	U	1.1	0.046
100-41-4	Ethylbenzene	106.17	0.17	J	1.1	0.074
179601-23-1	m,p-Xylene	106.17	2.9	U	2.9	0.13
95-47-6	Xylene, o-	106.17	1.1	U	1.1	0.091
1330-20-7	Xylene (total)	106.17	1.1	U	1.1	0.19
100-42-5	Styrene	104.15	1.1	U	1.1	0.10
75-25-2	Bromoform	252.75	1.1	U	1.1	0.057
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.1	U	1.1	0.091
103-65-1	n-Propylbenzene	120.19	1.1	U	1.1	0.46
622-96-8	4-Ethyltoluene	120.20	1.1	U	1.1	0.10
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1	U	1.1	0.069
95-49-8	2-Chlorotoluene	126.59	1.1	U	1.1	0.074
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.097
95-63-6	1,2,4-Trimethylbenzene	120.20	0.19	J	1.1	0.080
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.46
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.46
541-73-1	1,3-Dichlorobenzene	147.00	0.62	J B	1.1	0.080
106-46-7	1,4-Dichlorobenzene	147.00	1.1	U	1.1	0.080
100-44-7	Benzyl chloride	126.58	1.1	U	1.1	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.46

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5A Lab Sample ID: 200-20955-24
 Matrix: Air Lab File ID: 6282_013.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 35(mL) Date Analyzed: 02/24/2014 21:40
 Soil Aliquot Vol: _____ Dilution Factor: 5.71
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.1	U	1.1	0.080
120-82-1	1,2,4-Trichlorobenzene	181.45	2.9	U	2.9	0.15
87-68-3	Hexachloro-1,3-butadiene	260.76	1.1	U	1.1	0.13
91-20-3	Naphthalene	128.17	2.9	U	2.9	1.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5A Lab Sample ID: 200-20955-24
 Matrix: Air Lab File ID: 6282_013.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 35 (mL) Date Analyzed: 02/24/2014 21:40
 Soil Aliquot Vol: _____ Dilution Factor: 5.71
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	14	U	14	0.85
75-45-6	Freon 22	86.47	8.4	J	10	0.97
76-14-2	Freon-114	170.92	8.0	U	8.0	1.4
74-87-3	Chloromethane	50.49	5.9	U	5.9	1.6
106-97-8	n-Butane	58.12	6.8	U	6.8	3.8
75-01-4	Vinyl chloride	62.50	0.58	U	0.58	0.55
106-99-0	1,3-Butadiene	54.09	2.5	U	2.5	0.53
74-83-9	Bromomethane	94.94	4.4	U	4.4	0.62
75-00-3	Chloroethane	64.52	7.5	U	7.5	0.45
593-60-2	Vinyl bromide	106.96	5.0	U	5.0	0.75
75-69-4	Freon 11	137.37	6.4	U	6.4	0.96
76-13-1	Freon 113	187.38	24		8.8	0.79
75-35-4	1,1-Dichloroethene	96.94	4.5	U	4.5	0.54
67-64-1	Acetone	58.08	62	J	68	17
67-63-0	Isopropyl alcohol	60.10	1200	E	70	3.0
75-15-0	Carbon disulfide	76.14	4.3	J	8.9	1.2
107-05-1	Allyl chloride	76.53	8.9	U	8.9	0.61
75-09-2	Methylene Chloride	84.93	350		9.9	2.5
75-65-0	tert-Butyl alcohol	74.12	87	U	87	5.7
1634-04-4	Methyl tert-butyl ether	88.15	4.1	U	4.1	0.45
156-60-5	trans-1,2-Dichloroethene	96.94	4.5	U	4.5	0.66
110-54-3	Hexane	86.17	2.5	J	4.0	0.68
75-34-3	1,1-Dichloroethane	98.96	4.0	J	4.6	0.88
78-93-3	Methyl Ethyl Ketone	72.11	54		8.4	4.1
156-59-2	cis-1,2-Dichloroethene	96.94	4.5	U	4.5	0.86
540-59-0	1,2-Dichloroethene, Total	96.94	4.5	U	4.5	1.4
67-66-3	Chloroform	119.38	51		5.6	0.70
109-99-9	Tetrahydrofuran	72.11	84	U	84	0.77
71-55-6	1,1,1-Trichloroethane	133.41	12		6.2	0.65
110-82-7	Cyclohexane	84.16	3.3	J	3.9	0.49
56-23-5	Carbon tetrachloride	153.81	1.4	U	1.4	0.75
540-84-1	2,2,4-Trimethylpentane	114.23	2.8	J	5.3	0.72
71-43-2	Benzene	78.11	1.2	J	3.6	0.35
107-06-2	1,2-Dichloroethane	98.96	4.6	U	4.6	0.39
142-82-5	Heptane	100.21	4.7	U	4.7	1.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5A Lab Sample ID: 200-20955-24
 Matrix: Air Lab File ID: 6282_013.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 35 (mL) Date Analyzed: 02/24/2014 21:40
 Soil Aliquot Vol: _____ Dilution Factor: 5.71
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	26		1.2	0.74
80-62-6	Methyl methacrylate	100.12	12	U	12	0.70
78-87-5	1,2-Dichloropropane	112.99	5.3	U	5.3	0.84
123-91-1	1,4-Dioxane	88.11	5.5	J	100	4.1
75-27-4	Bromodichloromethane	163.83	7.7	U	7.7	0.65
10061-01-5	cis-1,3-Dichloropropene	110.97	5.2	U	5.2	0.73
108-10-1	methyl isobutyl ketone	100.16	12	U	12	0.63
108-88-3	Toluene	92.14	5.9		4.3	0.37
10061-02-6	trans-1,3-Dichloropropene	110.97	5.2	U	5.2	0.57
79-00-5	1,1,2-Trichloroethane	133.41	6.2	U	6.2	0.53
127-18-4	Tetrachloroethene	165.83	16		7.7	0.62
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	12	U	12	4.7
124-48-1	Dibromochloromethane	208.29	9.7	U	9.7	0.97
106-93-4	1,2-Dibromoethane	187.87	8.8	U	8.8	0.88
108-90-7	Chlorobenzene	112.56	5.3	U	5.3	0.21
100-41-4	Ethylbenzene	106.17	0.75	J	5.0	0.32
179601-23-1	m,p-Xylene	106.17	12	U	12	0.57
95-47-6	Xylene, o-	106.17	5.0	U	5.0	0.40
1330-20-7	Xylene (total)	106.17	5.0	U	5.0	0.84
100-42-5	Styrene	104.15	4.9	U	4.9	0.44
75-25-2	Bromoform	252.75	12	U	12	0.59
79-34-5	1,1,2,2-Tetrachloroethane	167.85	7.8	U	7.8	0.63
103-65-1	n-Propylbenzene	120.19	5.6	U	5.6	2.2
622-96-8	4-Ethyltoluene	120.20	5.6	U	5.6	0.51
108-67-8	1,3,5-Trimethylbenzene	120.20	5.6	U	5.6	0.34
95-49-8	2-Chlorotoluene	126.59	5.9	U	5.9	0.38
98-06-6	tert-Butylbenzene	134.22	6.3	U	6.3	0.53
95-63-6	1,2,4-Trimethylbenzene	120.20	0.94	J	5.6	0.39
135-98-8	sec-Butylbenzene	134.22	6.3	U	6.3	2.5
99-87-6	4-Isopropyltoluene	134.22	6.3	U	6.3	2.5
541-73-1	1,3-Dichlorobenzene	147.00	3.8	J B	6.9	0.48
106-46-7	1,4-Dichlorobenzene	147.00	6.9	U	6.9	0.48
100-44-7	Benzyl chloride	126.58	5.9	U	5.9	2.4
104-51-8	n-Butylbenzene	134.22	6.3	U	6.3	2.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-5A Lab Sample ID: 200-20955-24
 Matrix: Air Lab File ID: 6282_013.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 16:55
 Sample wt/vol: 35(mL) Date Analyzed: 02/24/2014 21:40
 Soil Aliquot Vol: _____ Dilution Factor: 5.71
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	6.9	U	6.9	0.48
120-82-1	1,2,4-Trichlorobenzene	181.45	21	U	21	1.1
87-68-3	Hexachloro-1,3-butadiene	260.76	12	U	12	1.3
91-20-3	Naphthalene	128.17	15	U	15	6.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d
 Lims ID: 200-20955-A-24 Lab Sample ID: 200-20955-24
 Client ID: SS-VMP-5A
 Sample Type: Client
 Inject. Date: 24-Feb-2014 21:40:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 5.7100
 Sample Info: 200-0006282-013
 Misc. Info.: 200-20955-a-24@7.51 35ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:20:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51	4.528	4.528	0.0	70	28306	0.4144	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.476	8.433	0.043	91	69144	0.5466	
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.786	8.743	0.043	87	259893	4.54	
26 Carbon disulfide	76	9.011	8.995	0.016	59	30332	0.2417	
27 Isopropyl alcohol	45	9.096	9.027	0.069	97	4248073	88.6	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.749	9.727	0.022	79	708356	17.8	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.658	10.648	0.010	64	6803	0.1233	
37 1,1-Dichloroethane	63	11.209	11.193	0.016	77	15169	0.1716	
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.408	12.386	0.022	97	77946	3.22	
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.868	12.857	0.011	69	394284	10.0	
45 Chloroform	83	12.975	12.964	0.011	94	242910	1.84	
46 Cyclohexane	84	13.280	13.258	0.022	32	10952	0.1695	M
47 1,1,1-Trichloroethane	97	13.280	13.274	0.006	81	55739	0.3773	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	48		117		13.531					
	51		57	13.932	13.922	0.010	92	18202	0.1058	
	50		78	13.991	13.980	0.011	71	9813	0.0636	
	52		62		14.141					
	53		43		14.269					
*	54		114	14.751	14.745	0.006	92	1769931	10.0	
	56		95	15.222	15.206	0.016	91	67073	0.8448	
	58		63		15.730					
	59		69		15.810					
	60		88	15.922	15.901	0.021	52	7268	0.2692	
	62		83		16.217					
	64		75		17.083					
	65		43		17.319					
	66		92	17.661	17.656	0.005	91	31955	0.2739	
	70		75		18.191					
	71		83		18.554					
	72		166	18.694	18.699	-0.005	96	59424	0.4093	
	73		43		18.945					
	74		129		19.314					
	75		107		19.598					
S	82		106		20.100					
*	76		117	20.448	20.443	0.005	82	1608844	10.0	
	77		112		20.496					
	78		91	20.625	20.614	0.011	79	8236	0.0302	M
	80		106		20.833					
	83		106		21.545					
	84		104		21.582					
	85		173		21.957					
\$	87		95	22.444	22.444	0.0	98	1092041	NC	
	88		83		22.668					
	90		91		22.743					
	91		105		22.909					
	92		91		22.941					
	94		105		23.000					
	96		119		23.476					
	97		105	23.573	23.567	0.006	56	10501	0.0335	
	98		105		23.808					
	99		119		24.011					
	100		146	24.081	24.081	0.0	90	25001	0.1093	
	101		146		24.225					
	102		91		24.434					
	103		91		24.648					
	105		146		24.830					
	107		180		27.729					
	108		225		27.932					
	109		128		28.312					

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Worklist Smp#: 13

Client ID: SS-VMP-5A

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

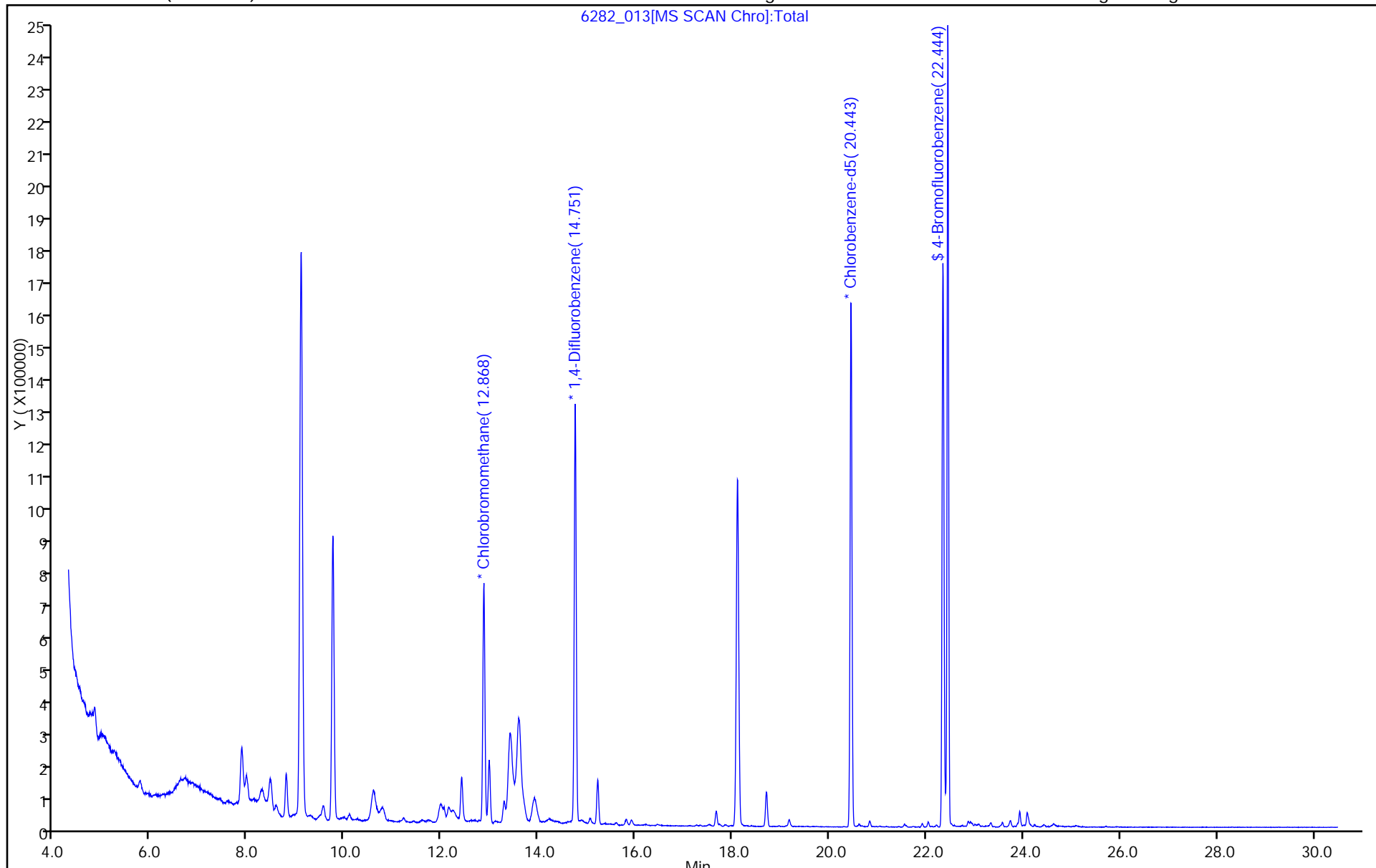
ALS Bottle#: 12

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

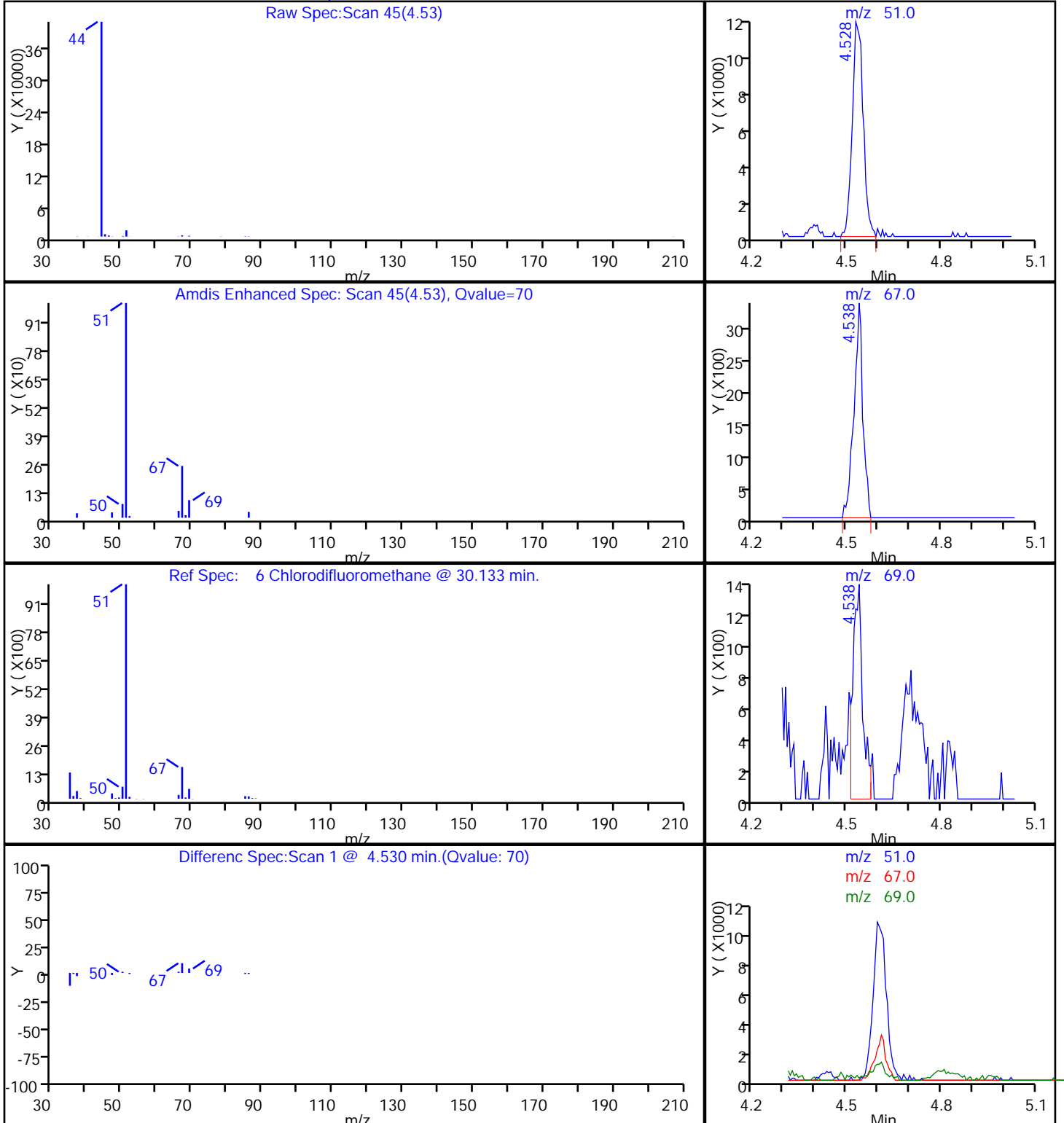
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

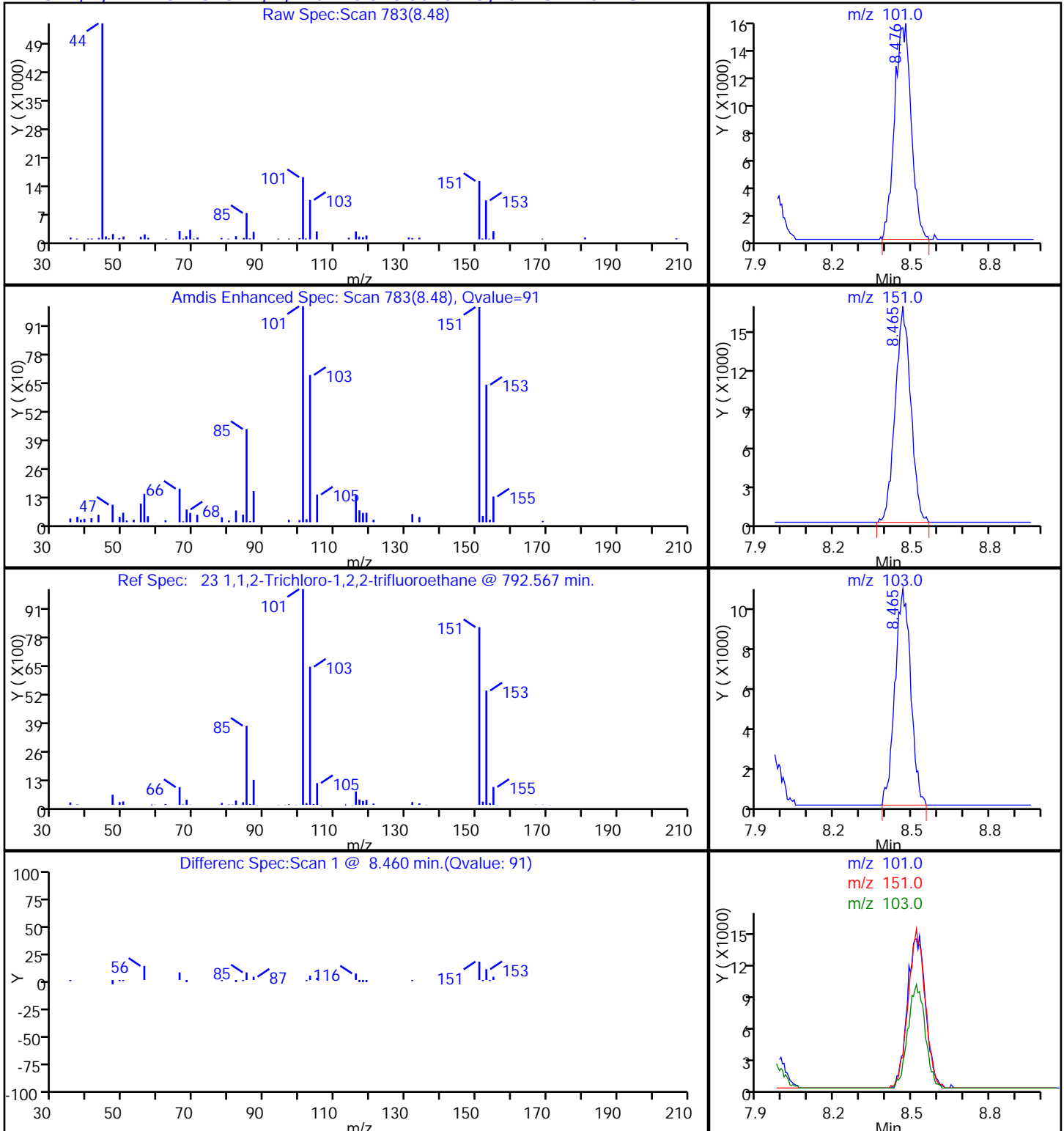
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

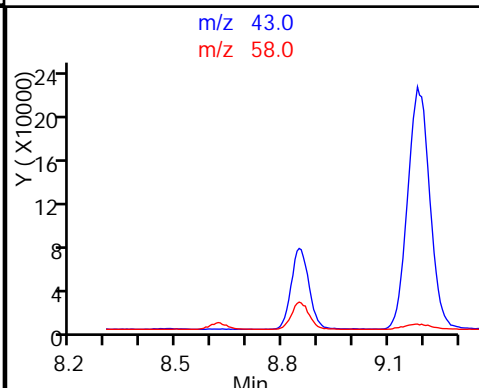
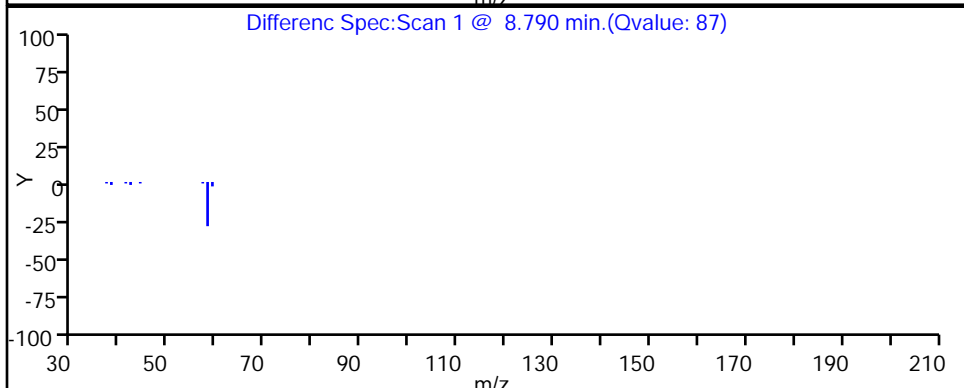
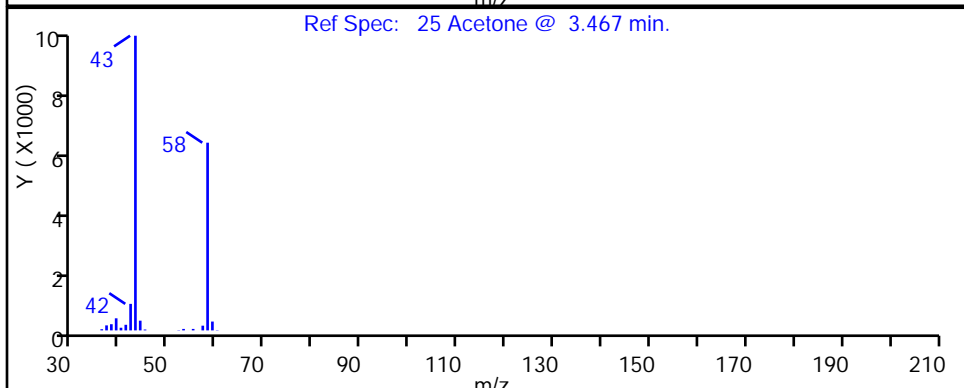
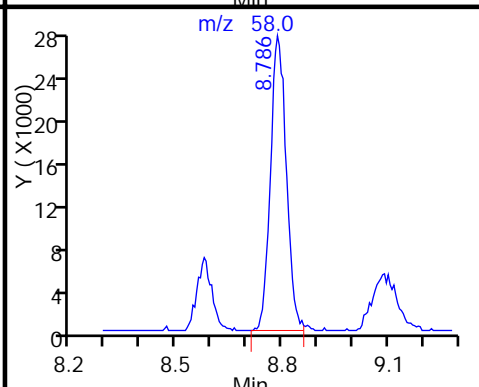
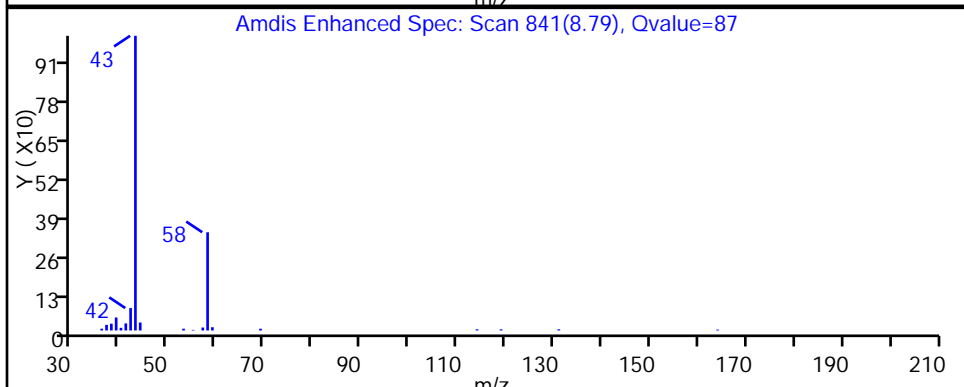
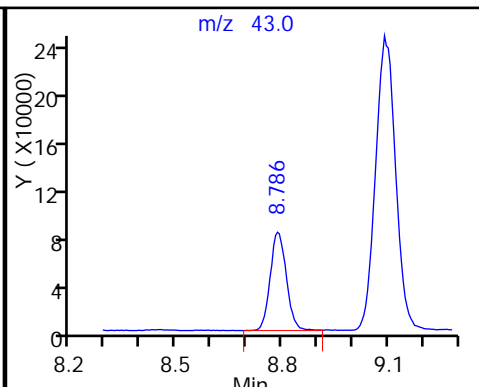
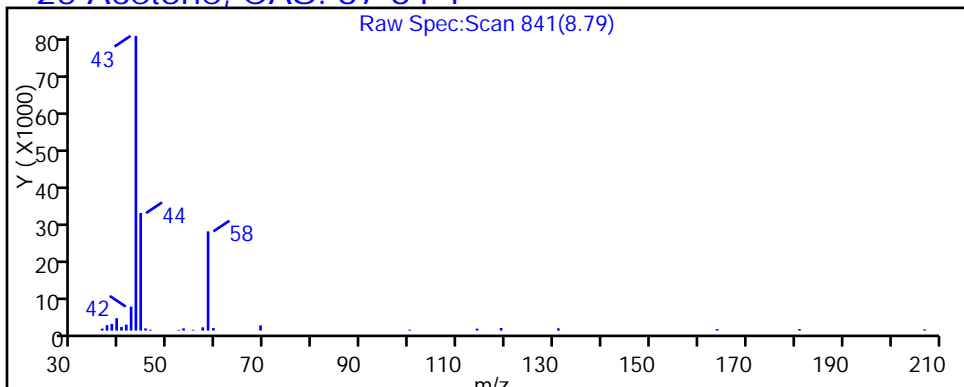
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

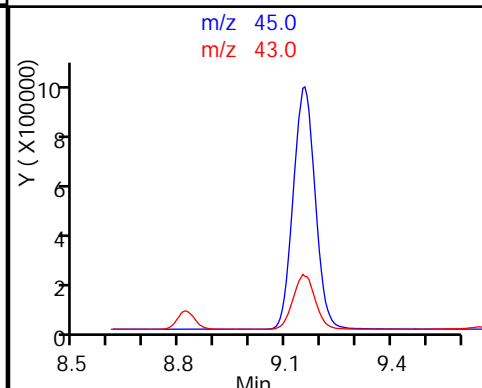
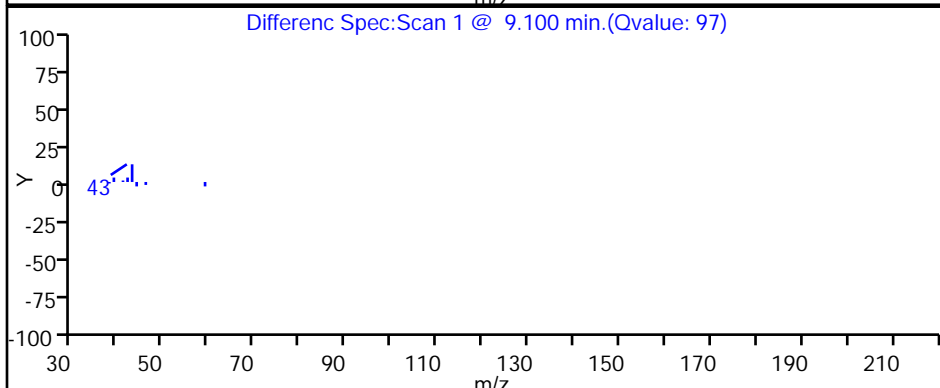
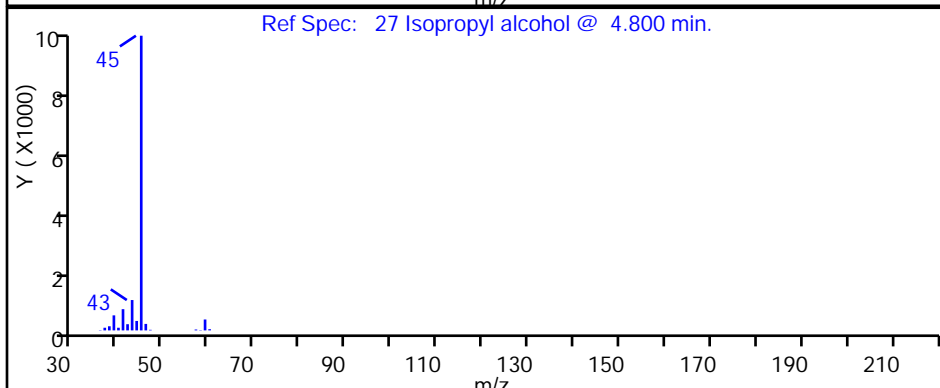
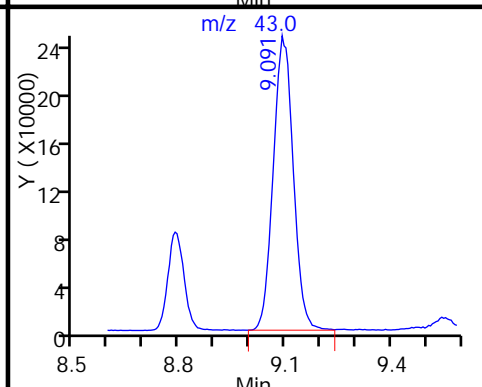
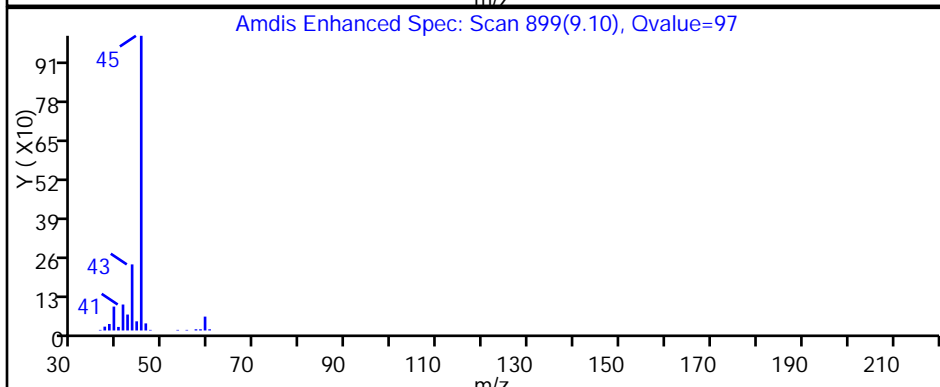
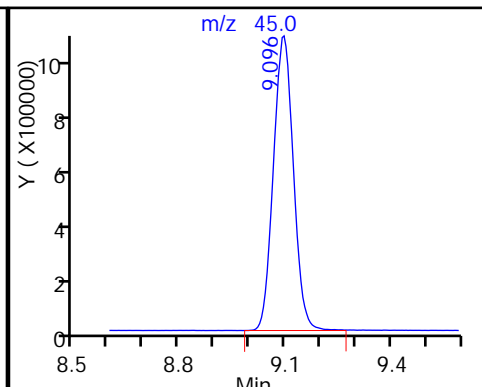
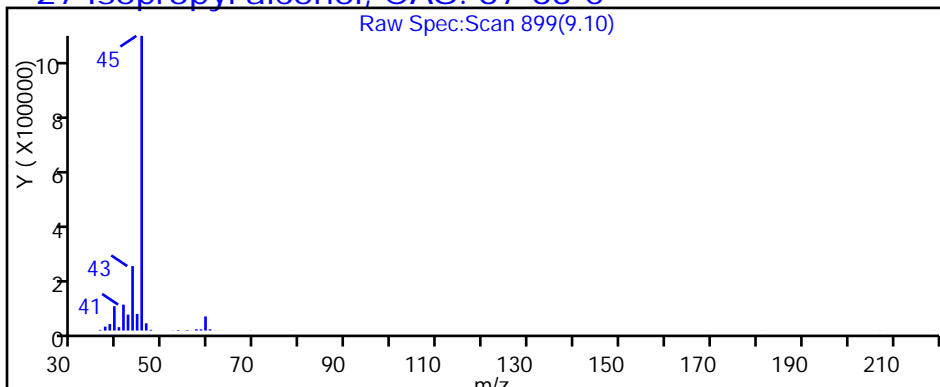
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

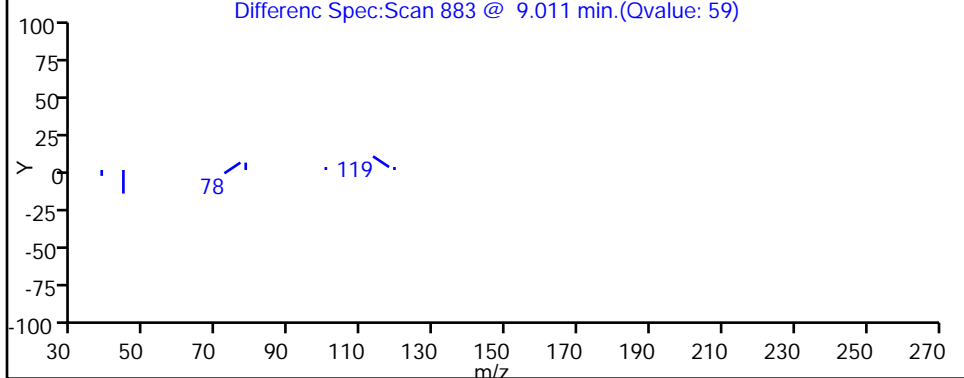
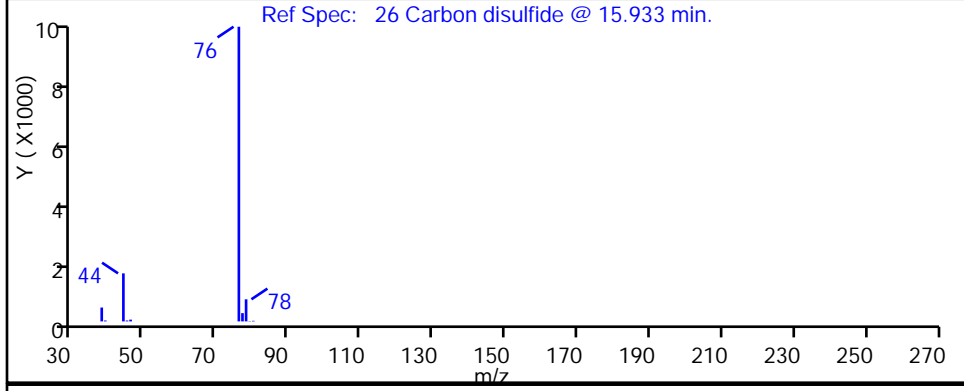
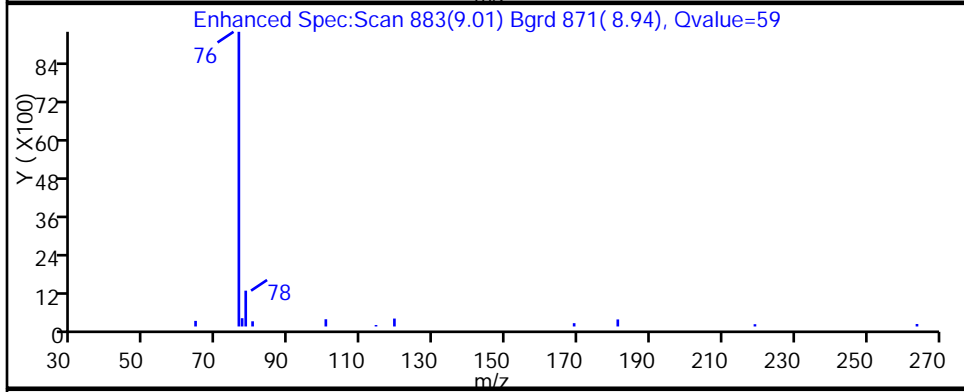
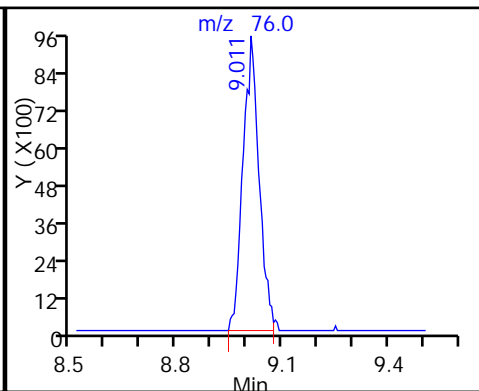
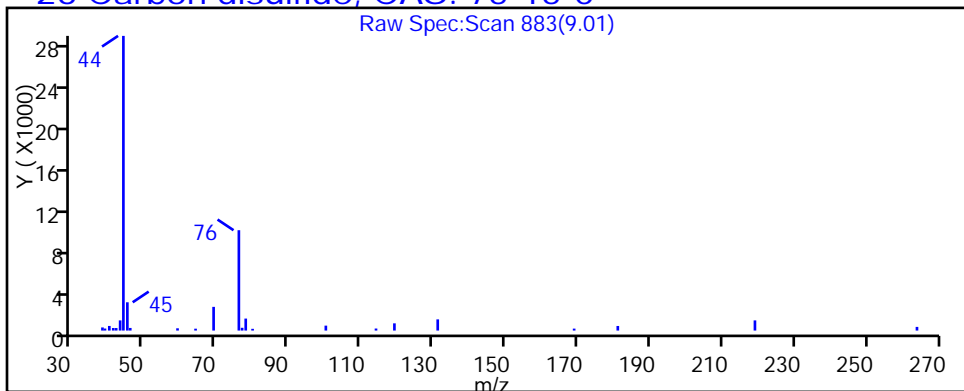
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

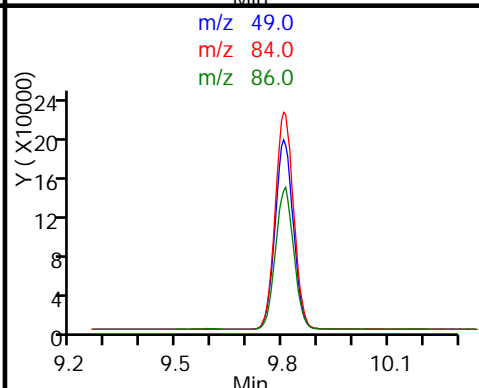
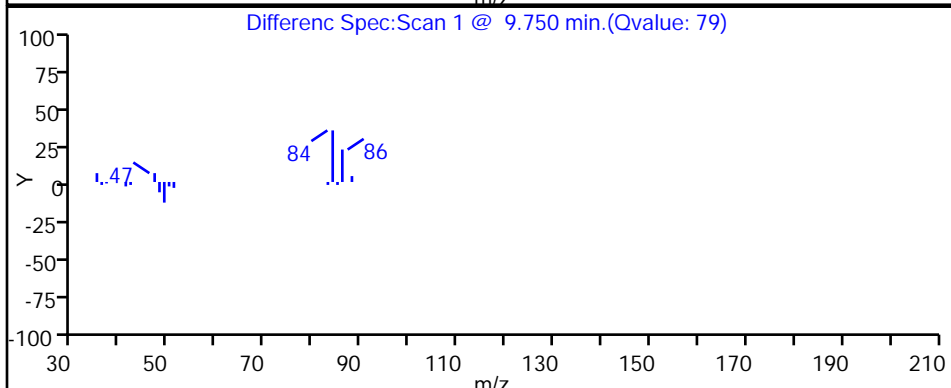
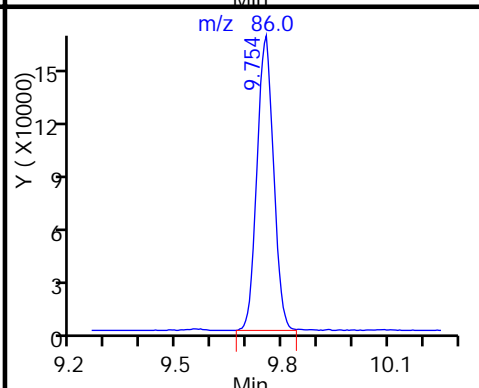
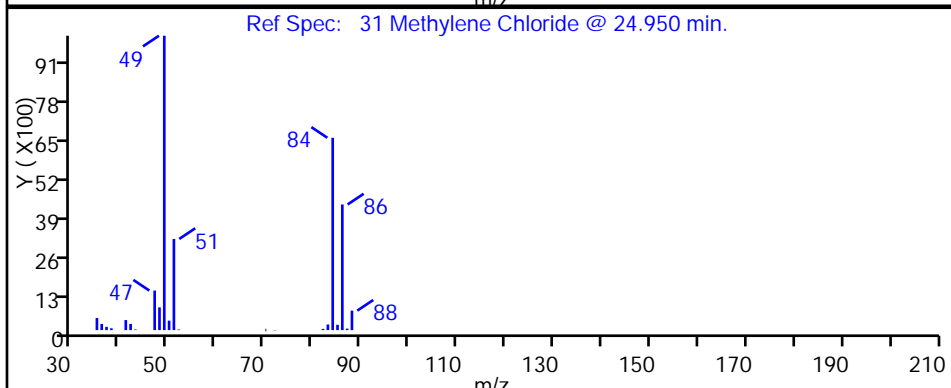
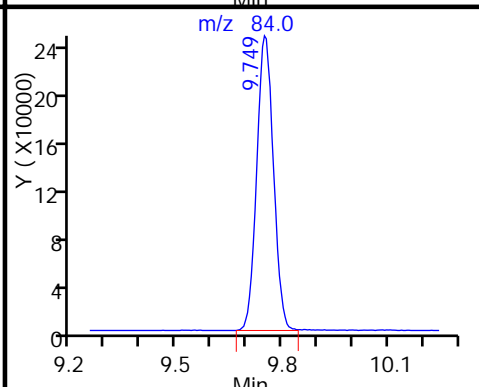
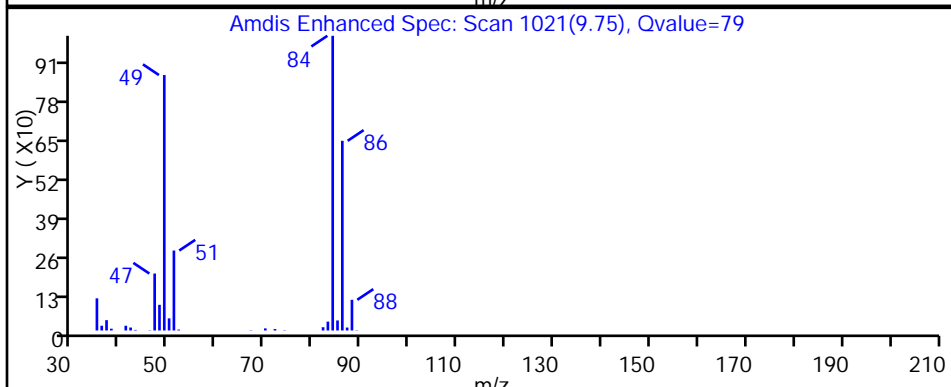
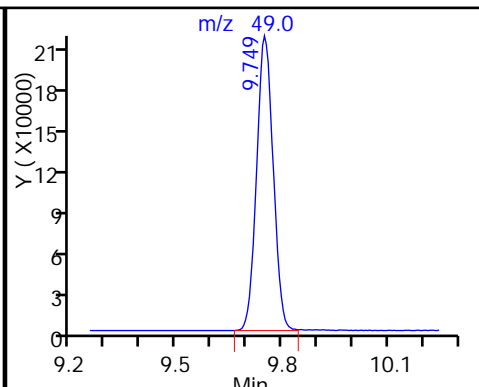
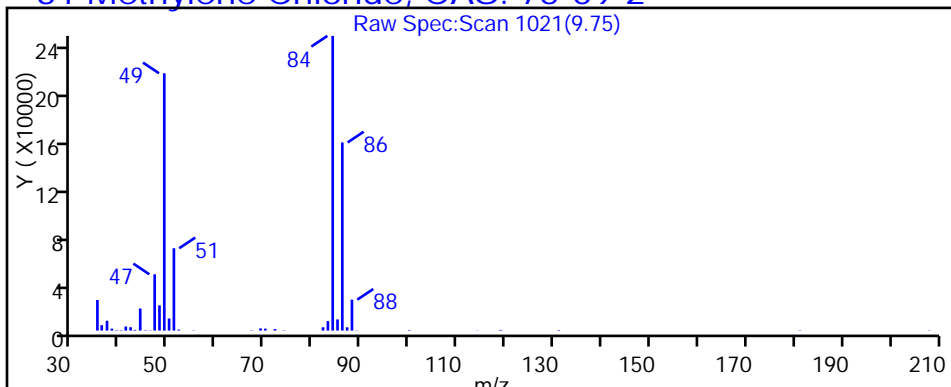
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

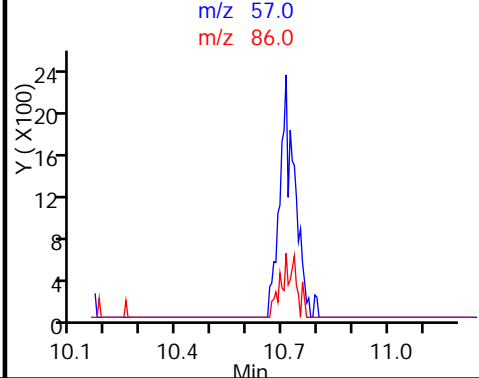
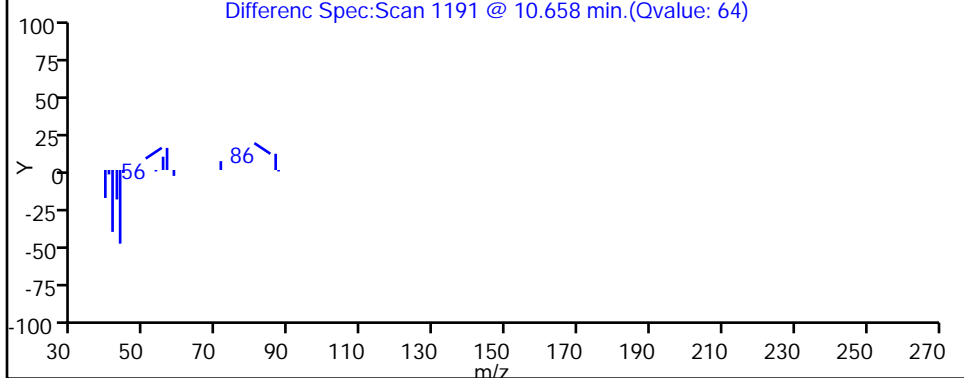
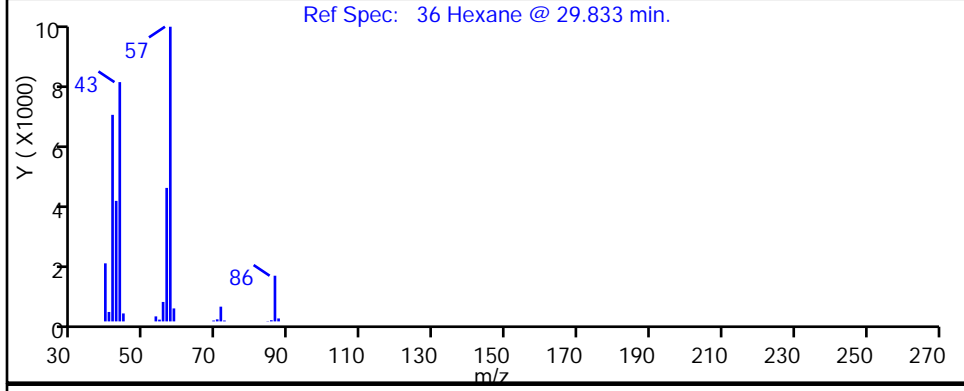
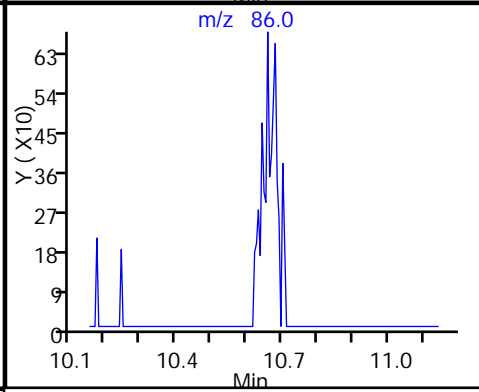
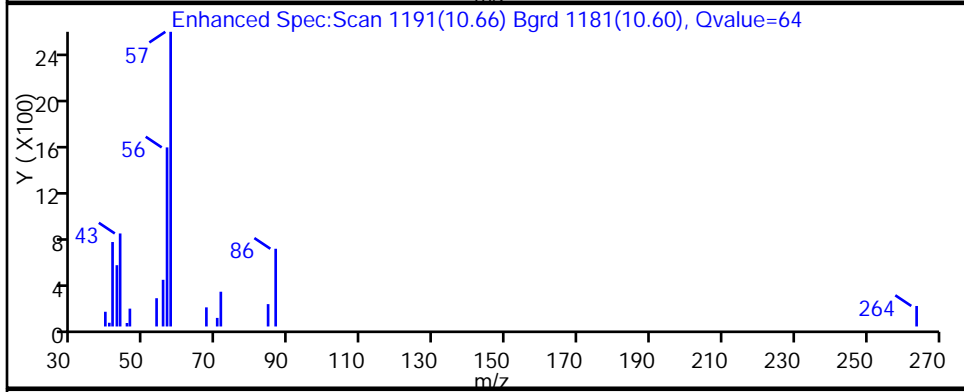
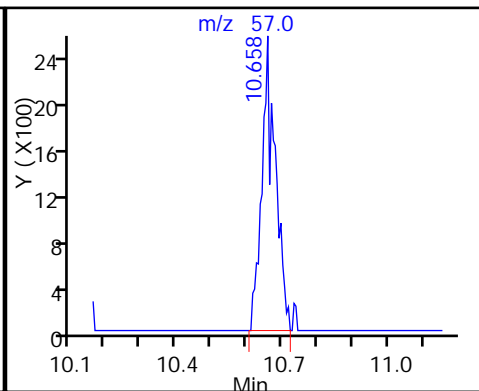
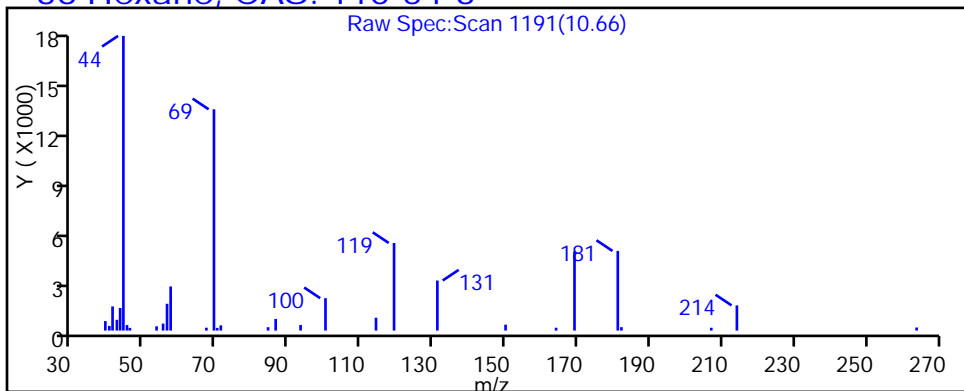
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

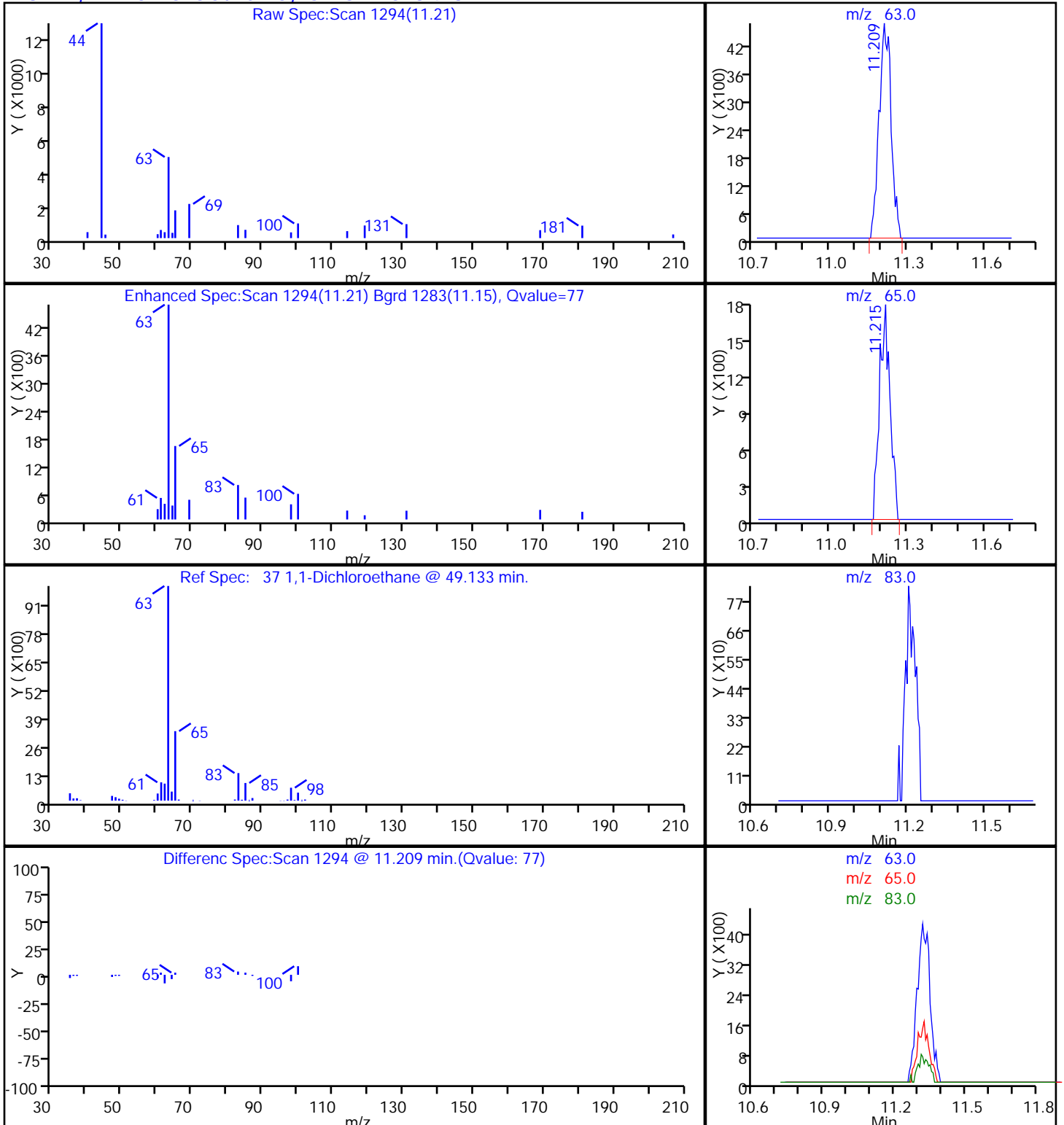
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

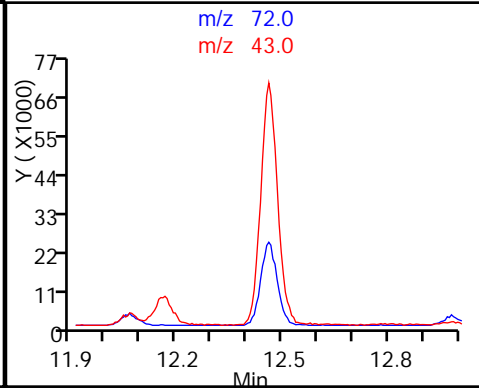
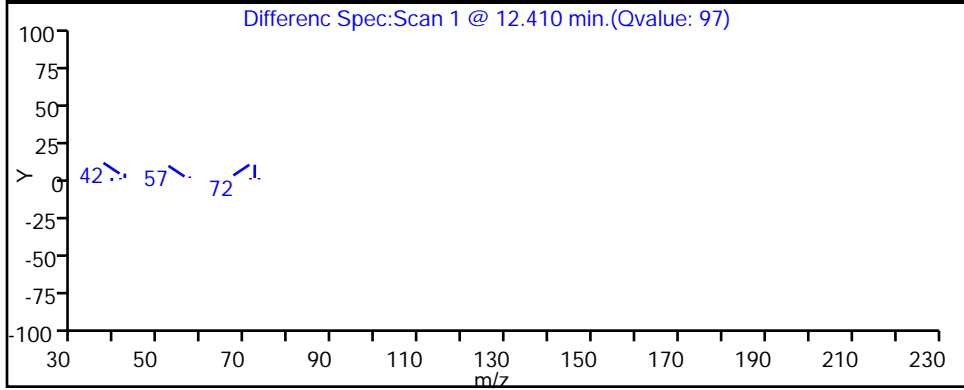
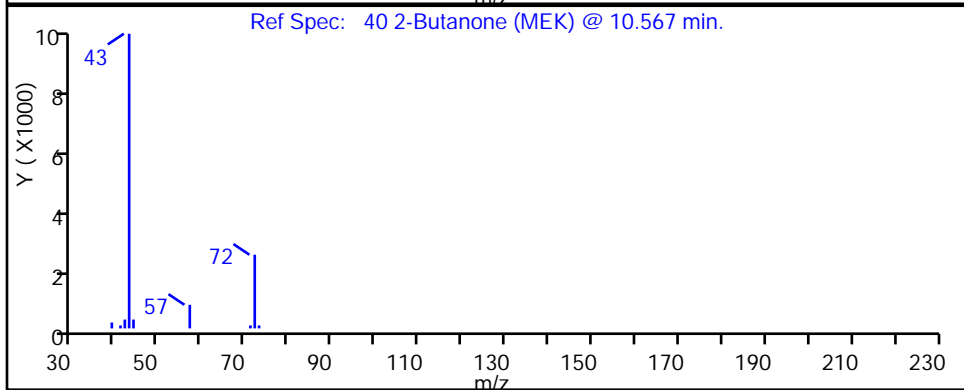
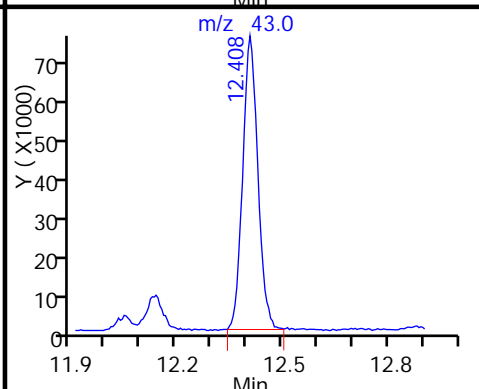
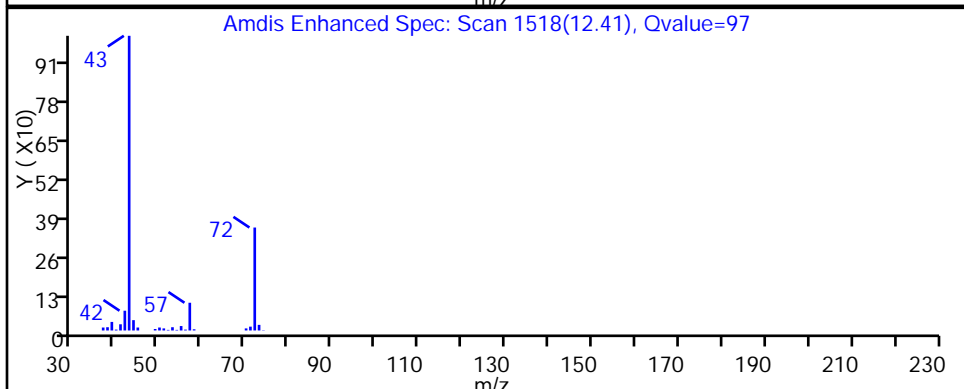
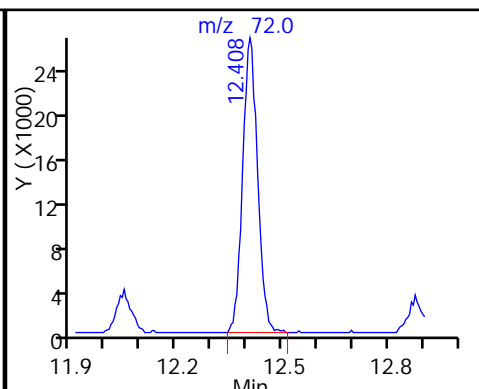
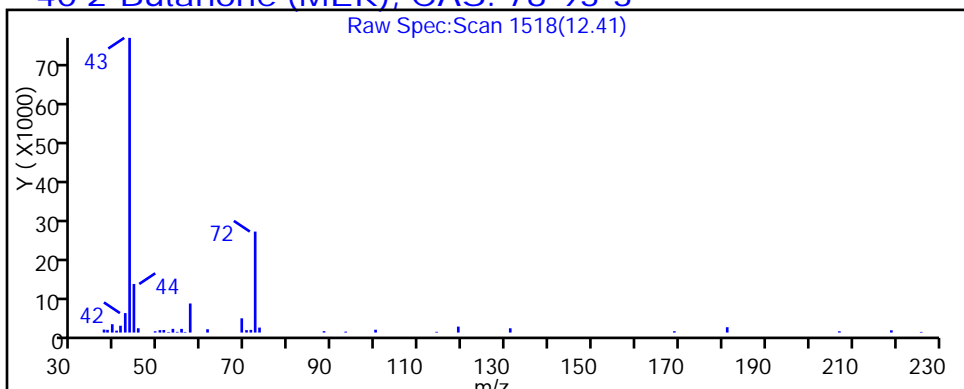
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

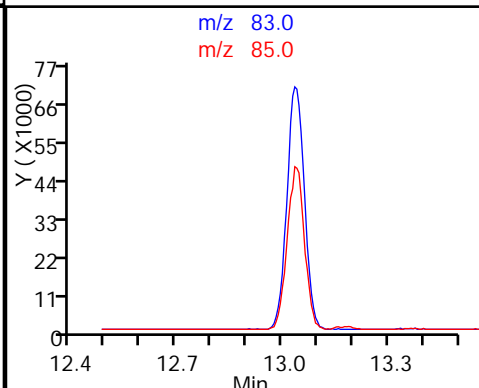
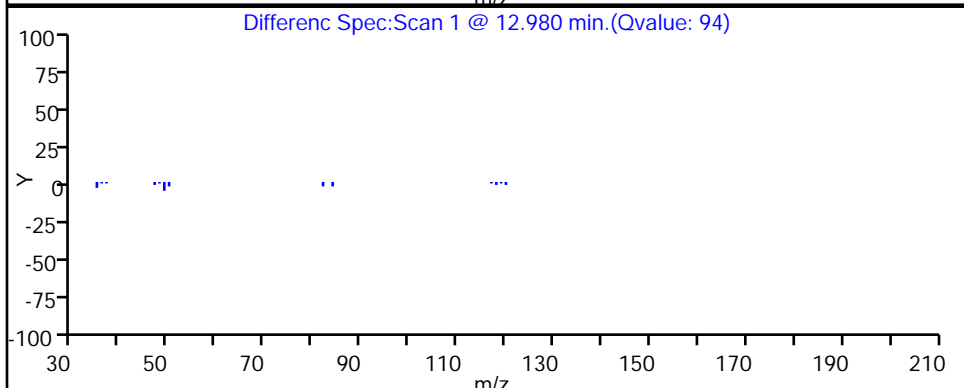
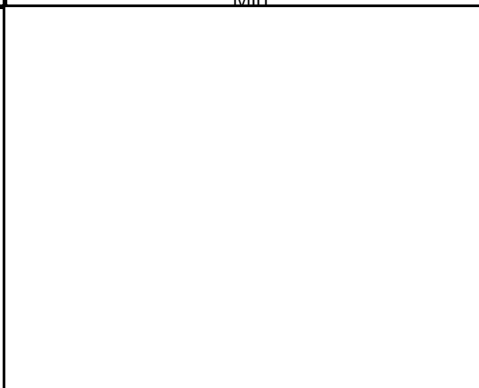
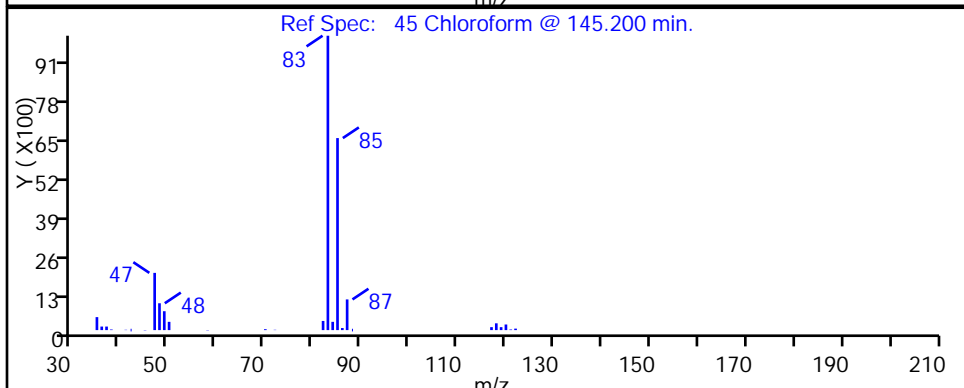
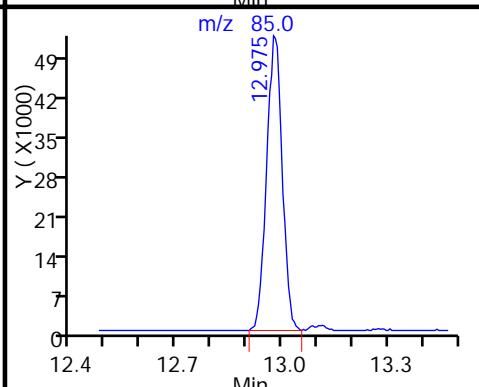
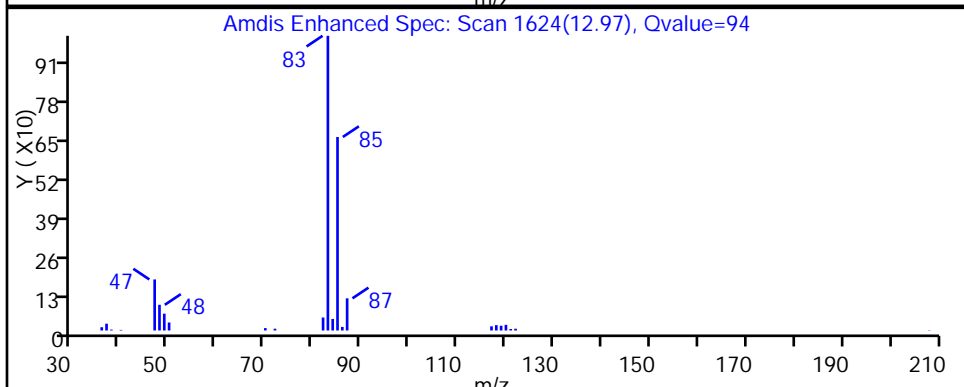
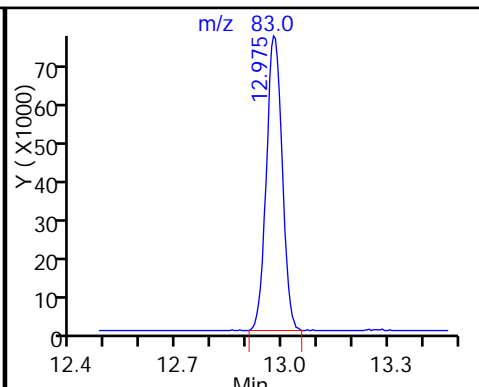
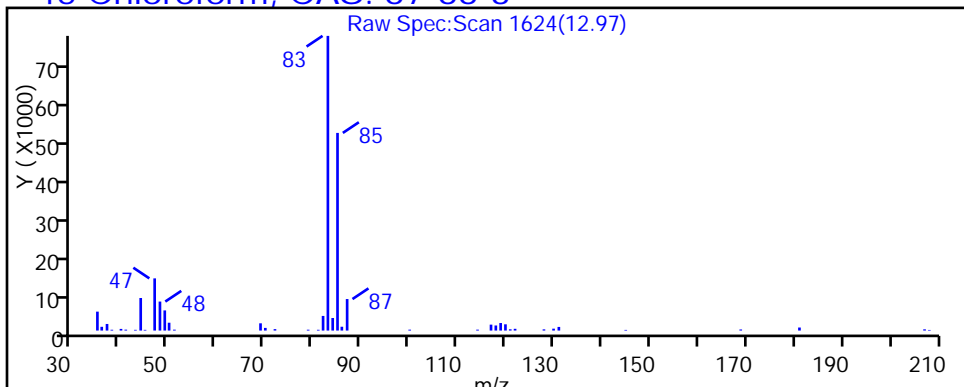
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

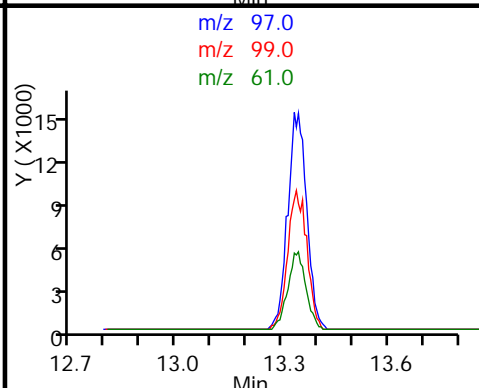
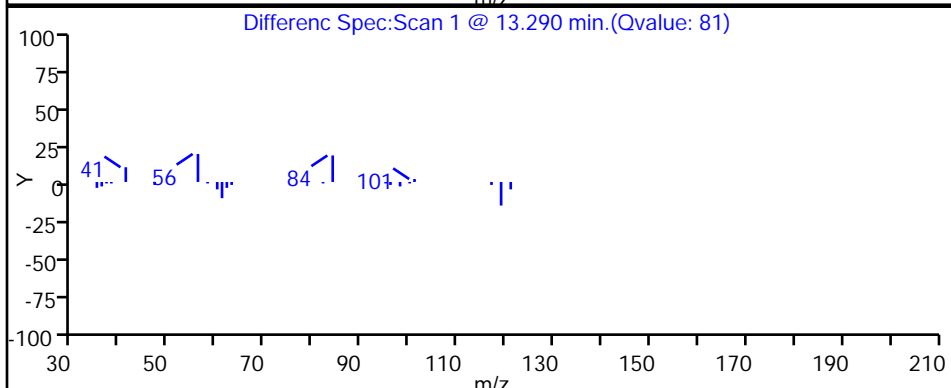
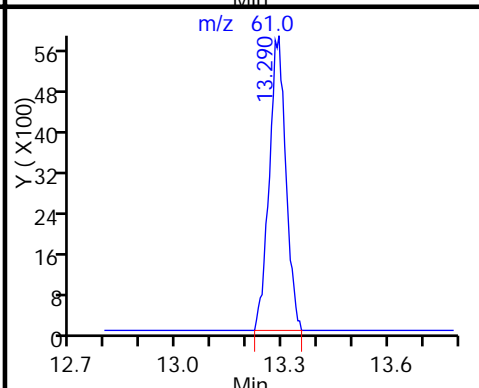
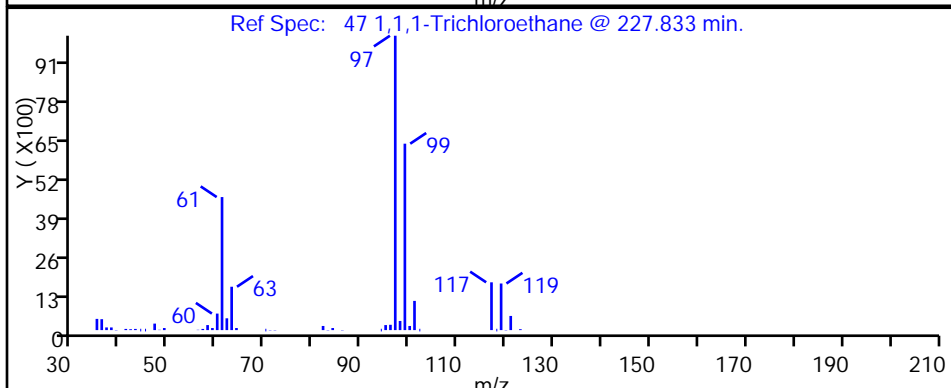
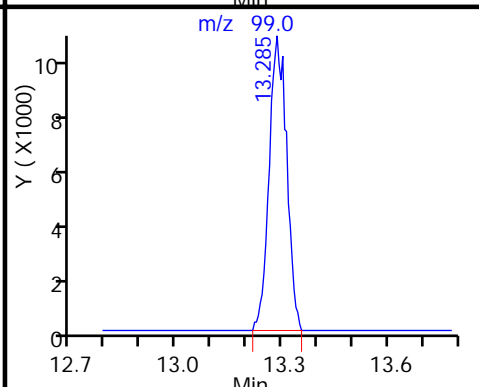
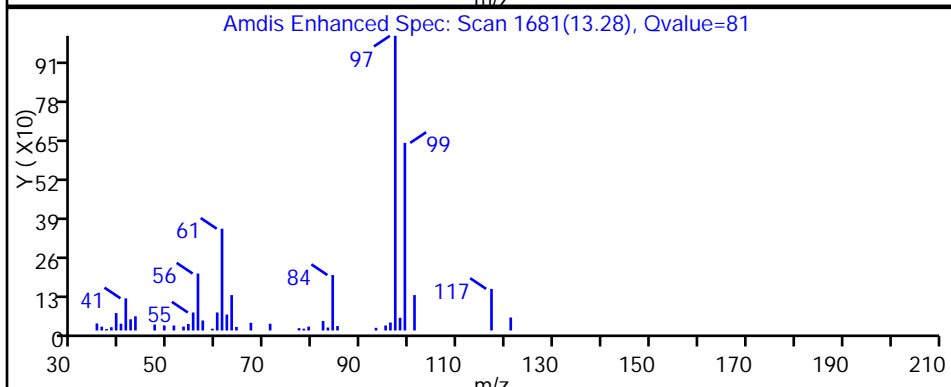
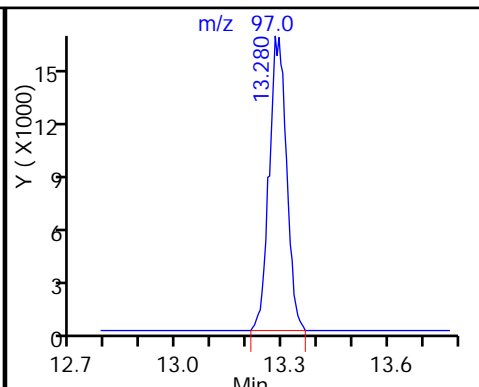
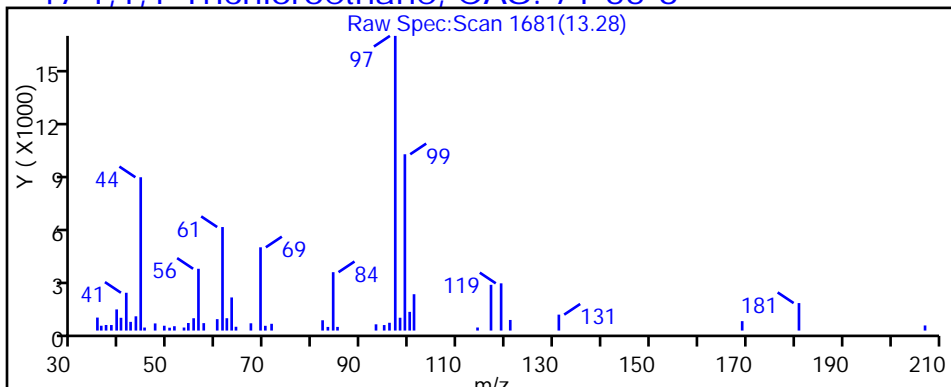
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

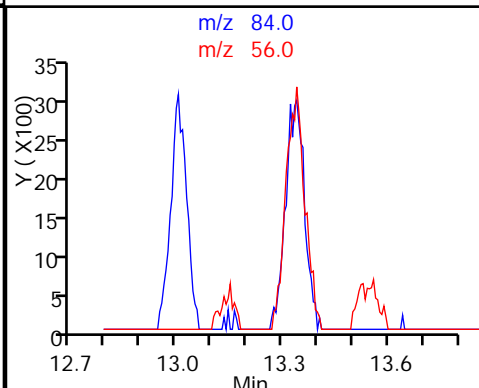
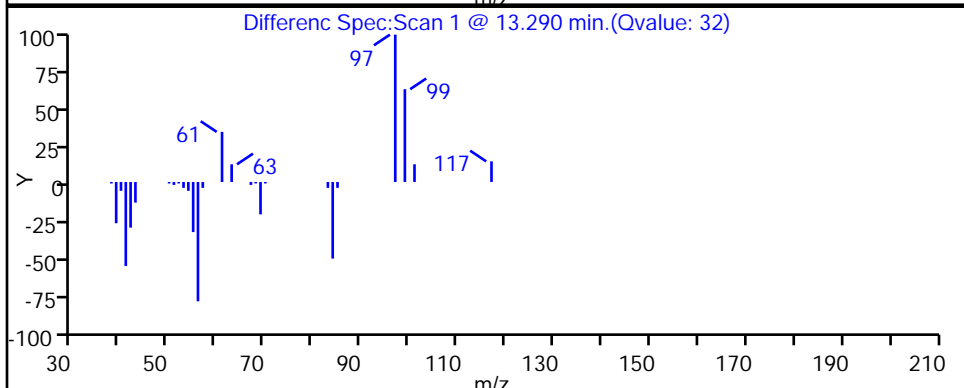
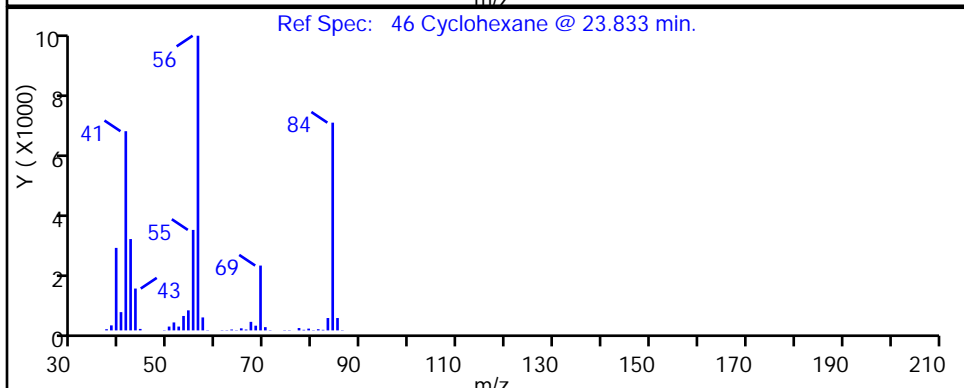
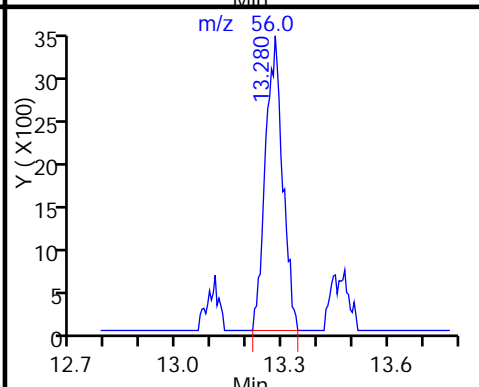
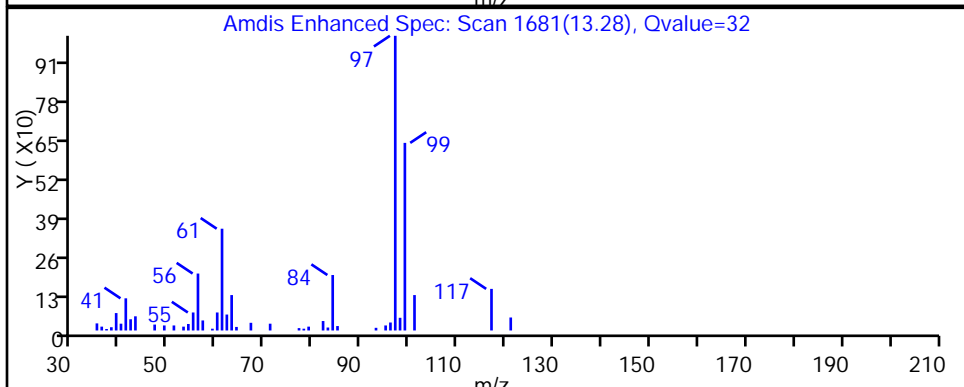
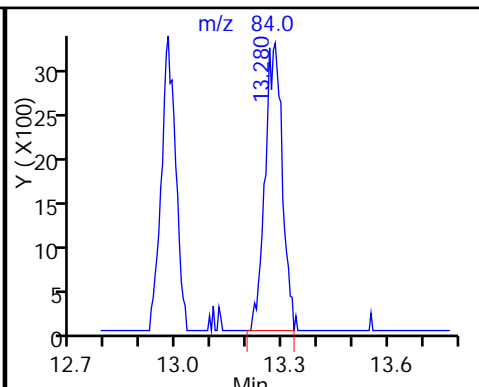
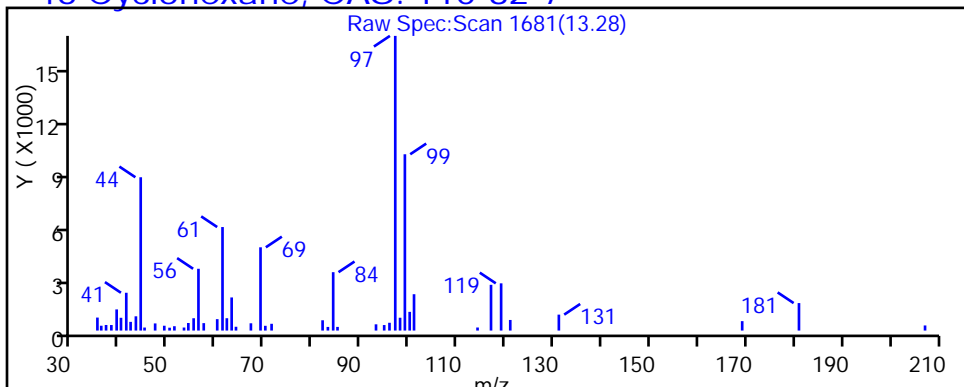
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

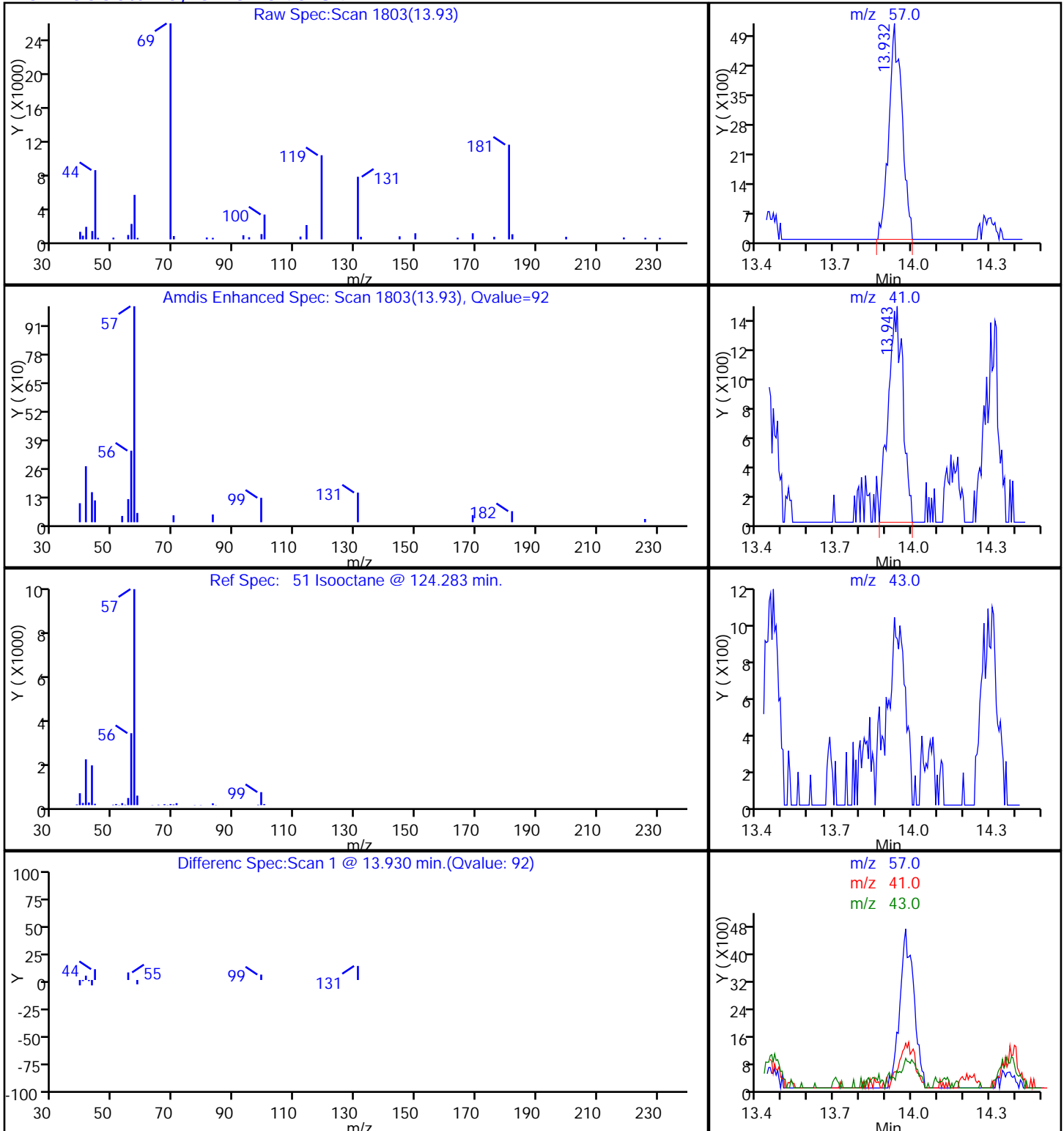
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

51 Isooctane, CAS: 540-84-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

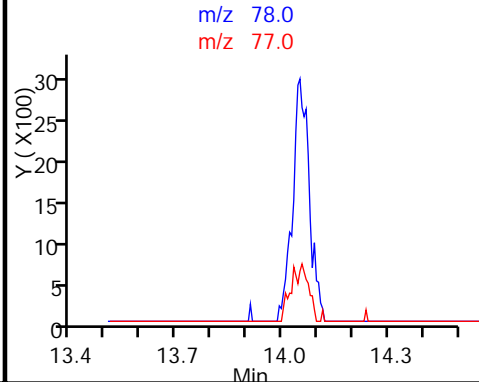
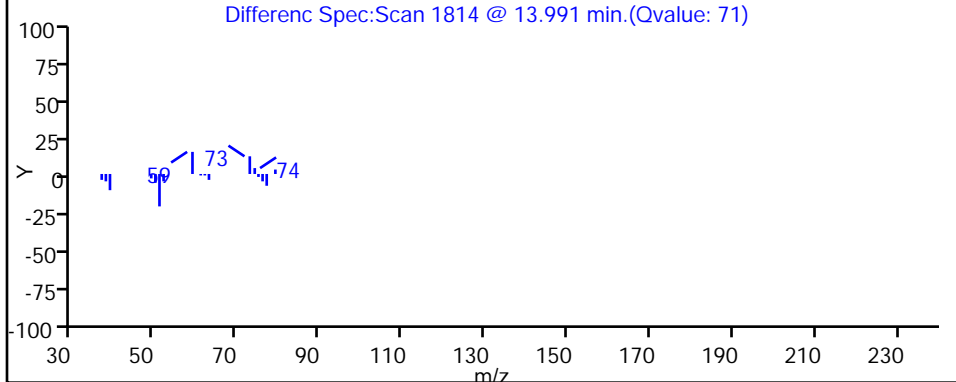
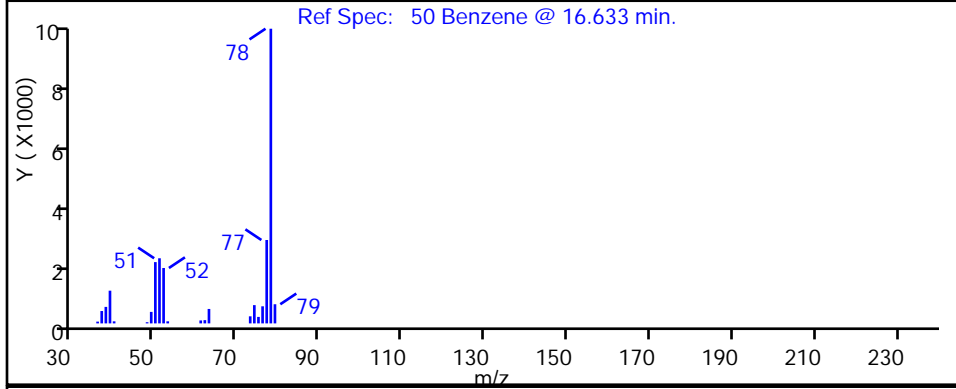
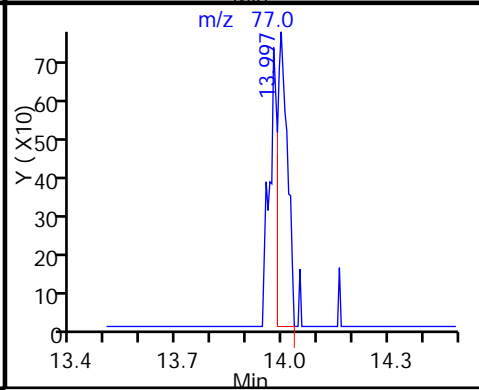
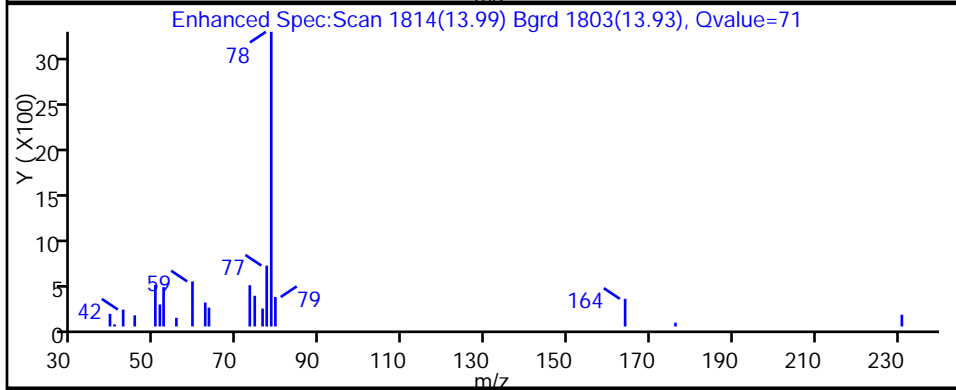
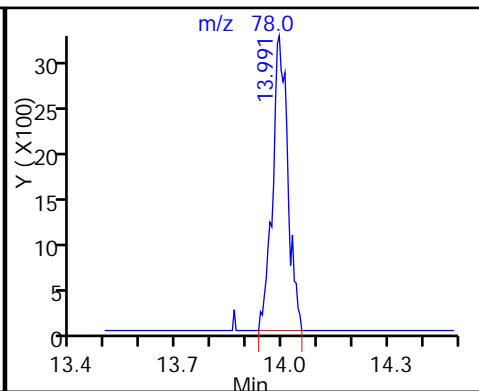
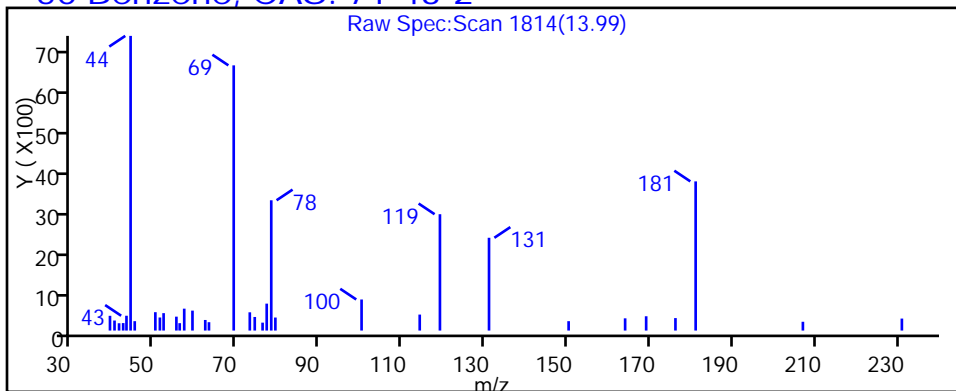
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

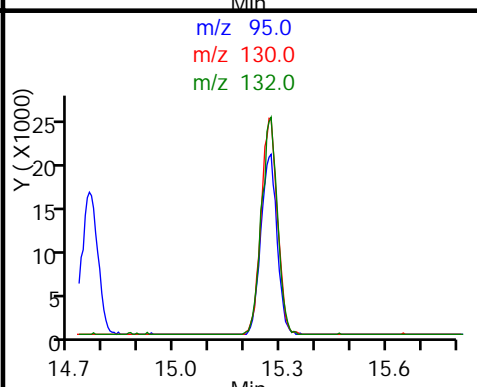
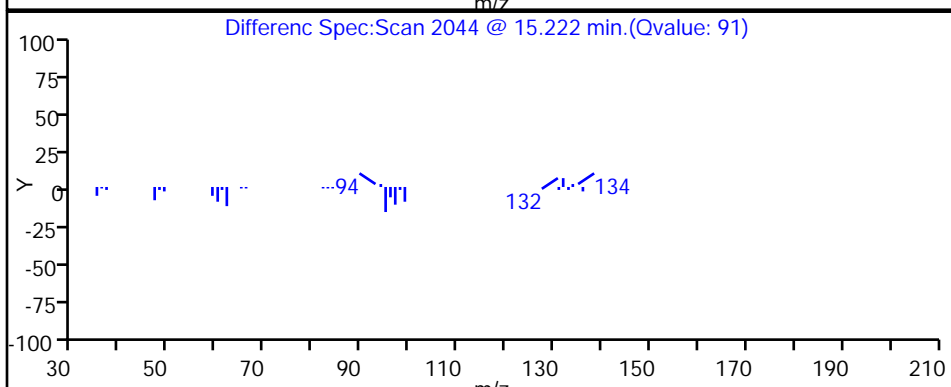
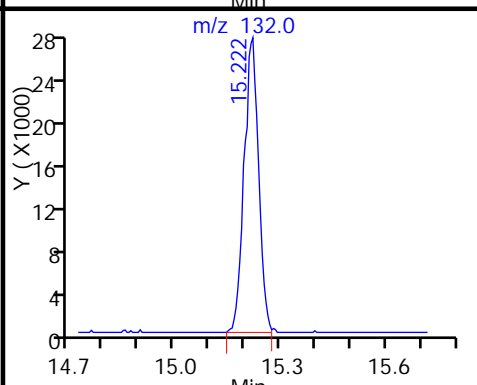
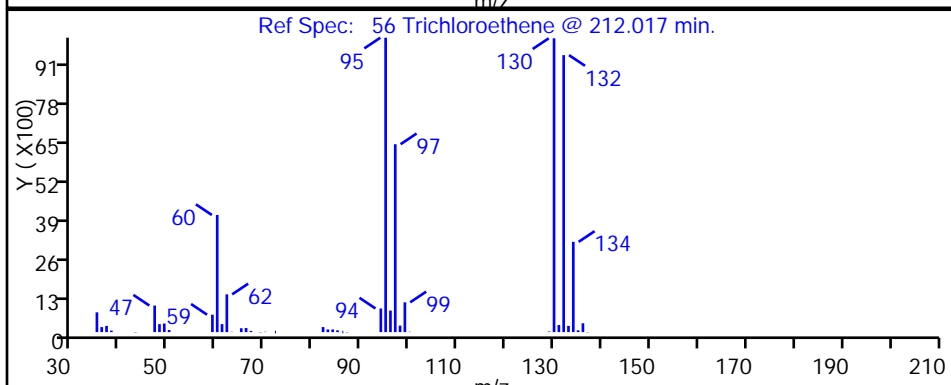
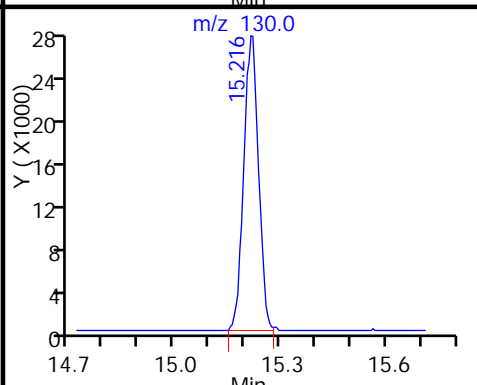
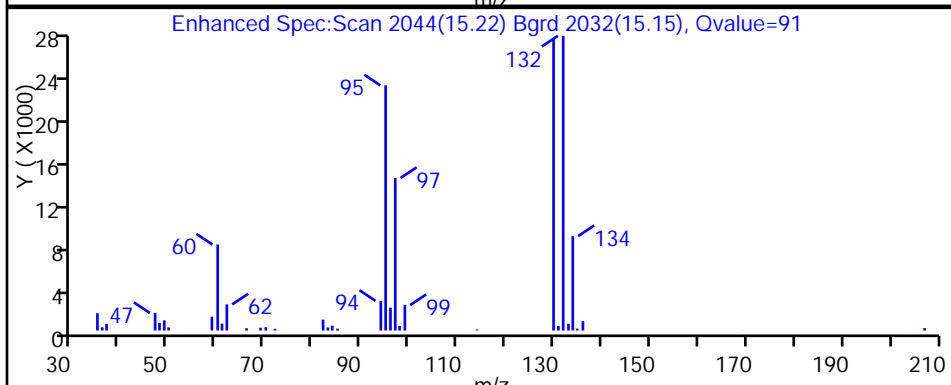
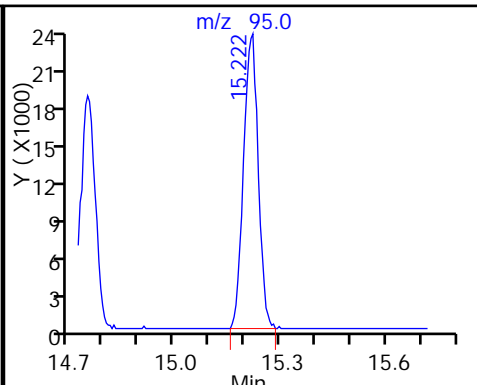
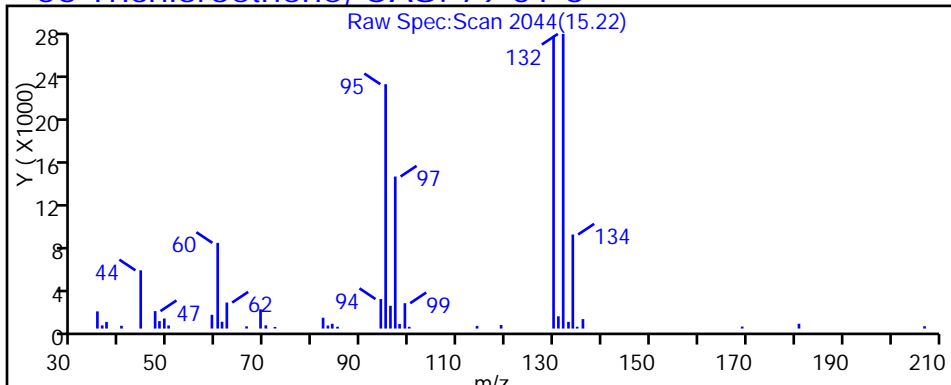
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

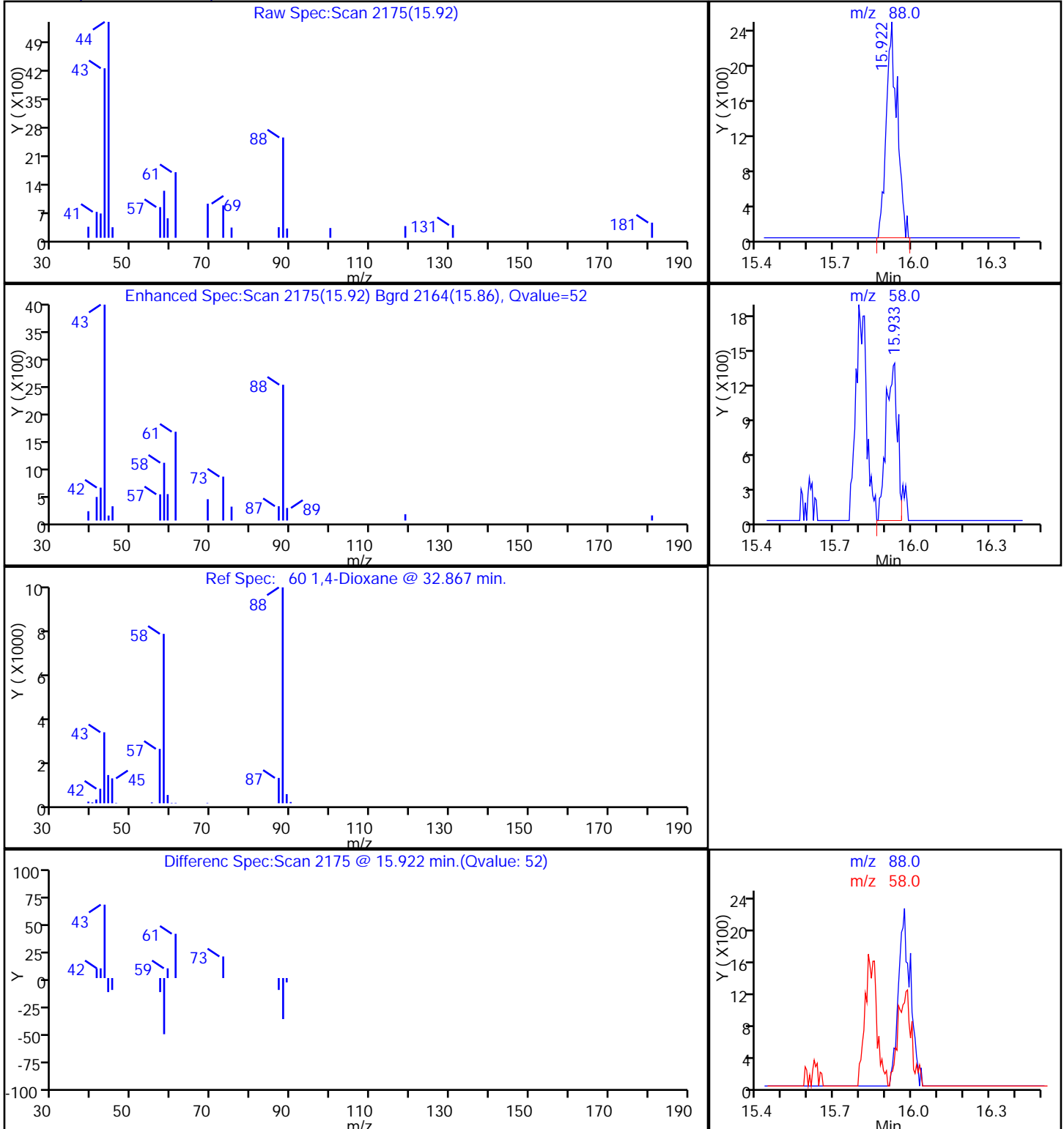
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 1,4-Dioxane, CAS: 123-91-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

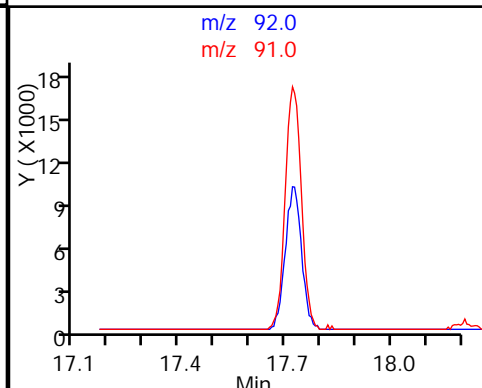
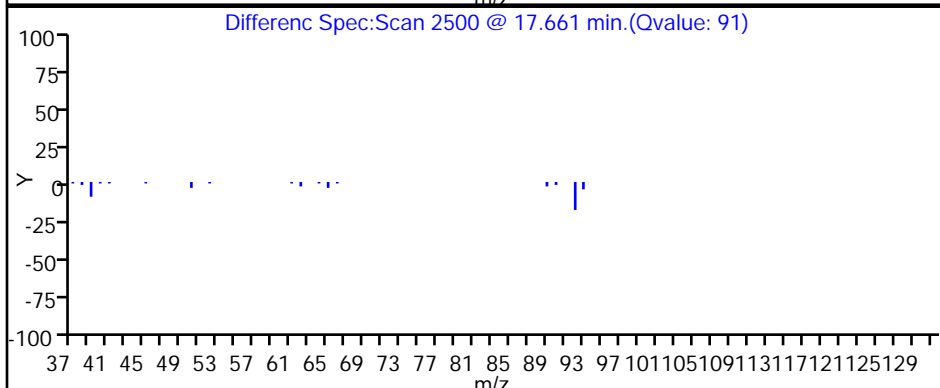
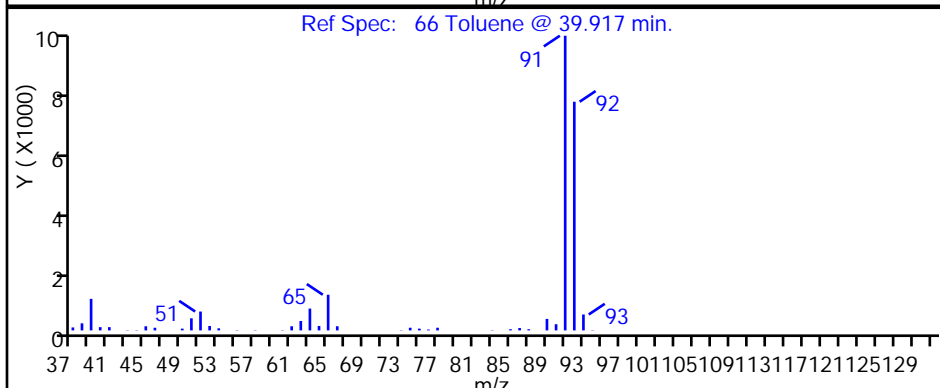
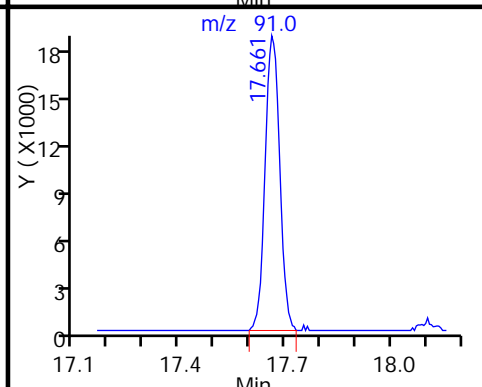
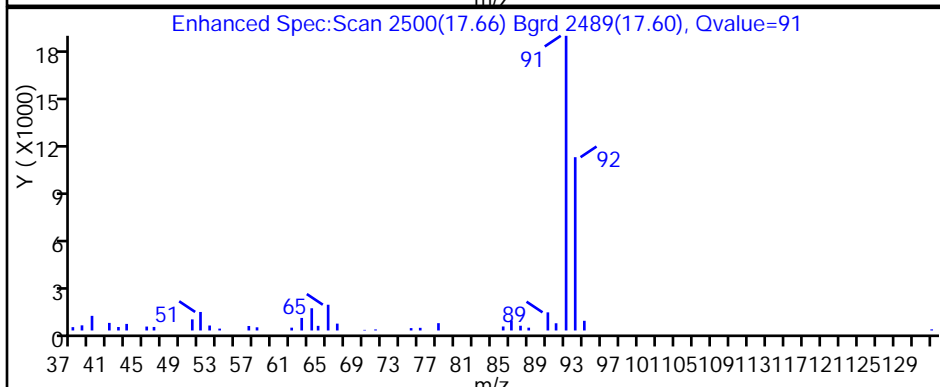
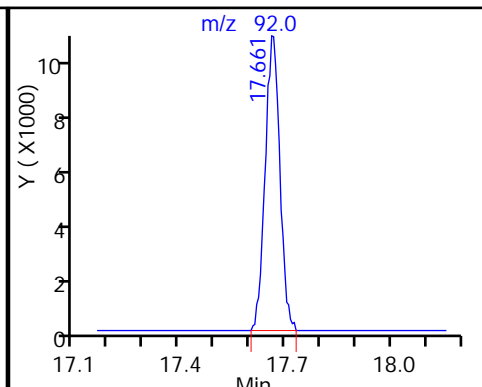
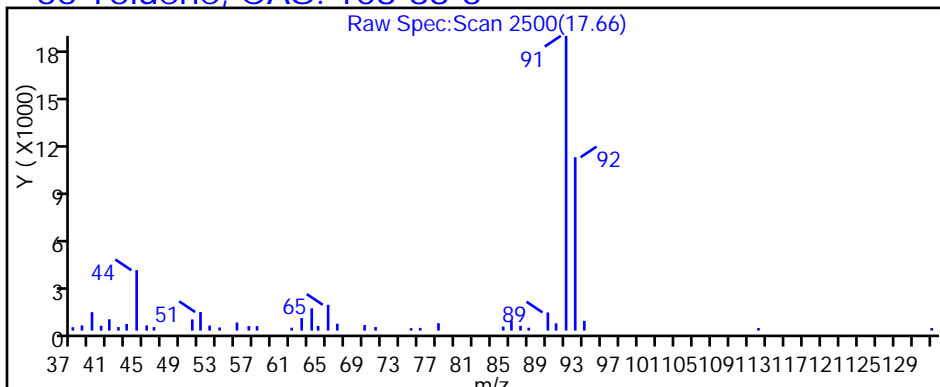
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

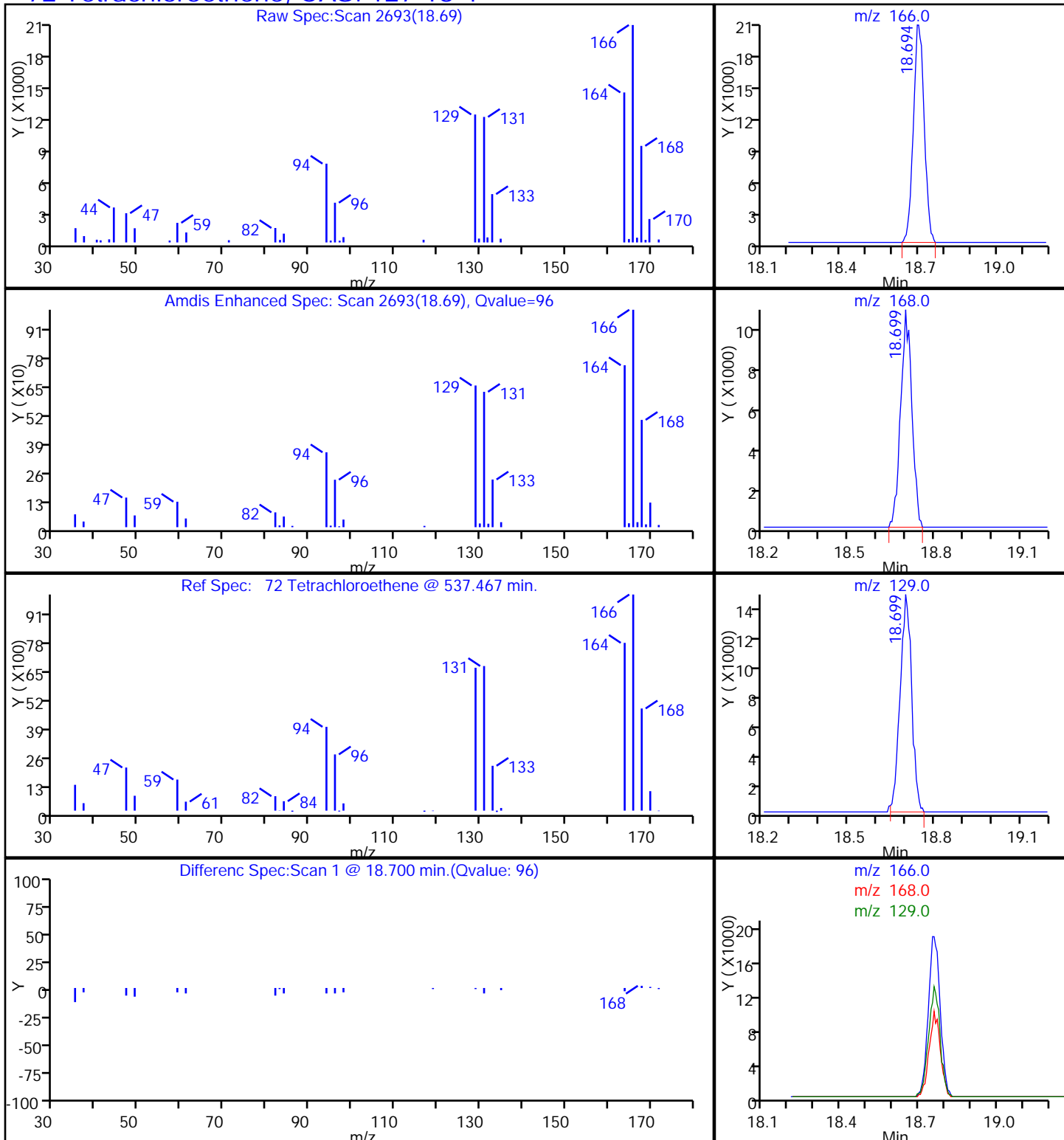
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

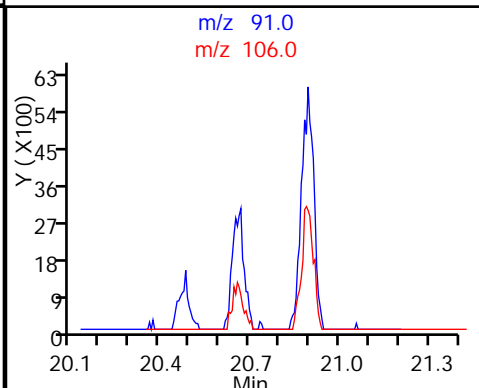
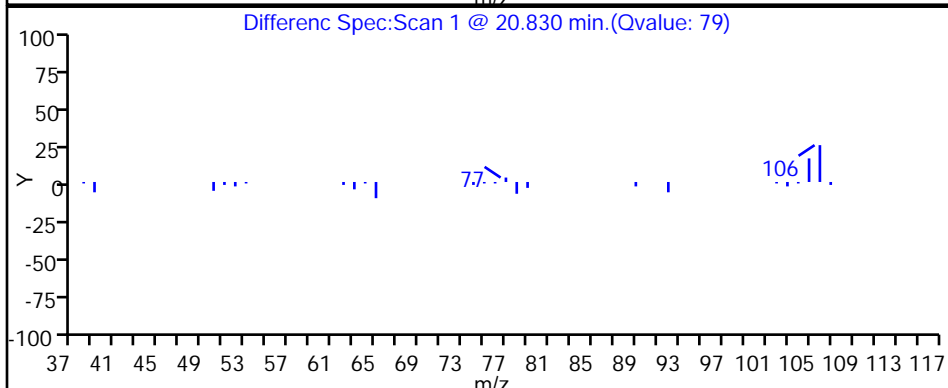
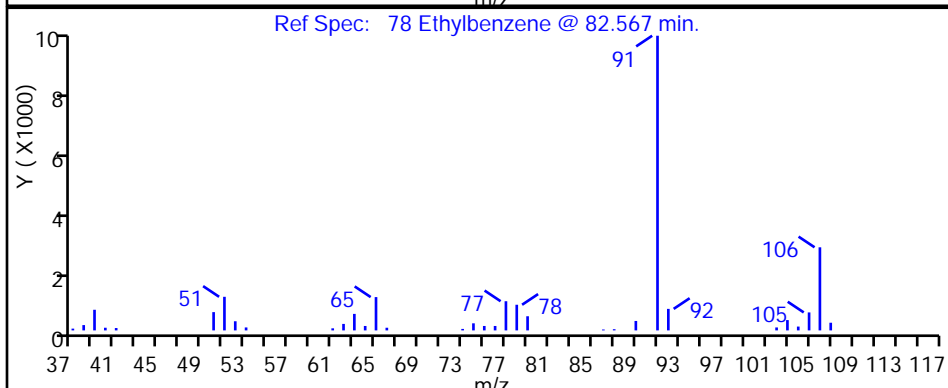
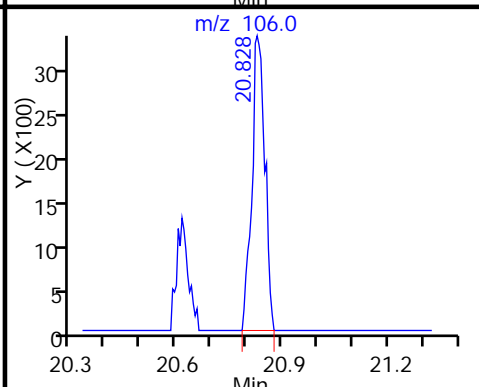
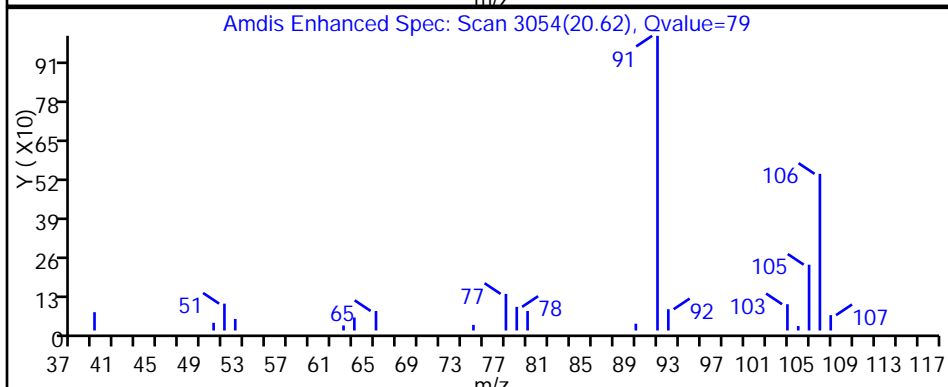
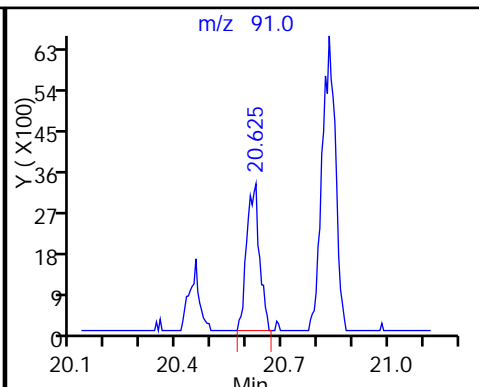
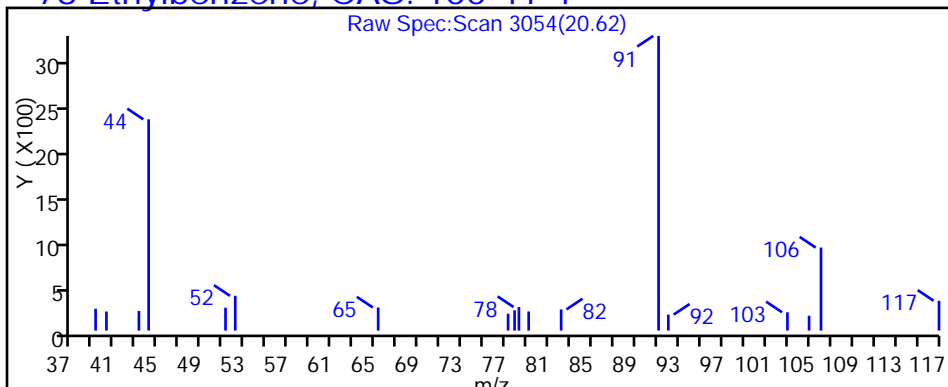
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

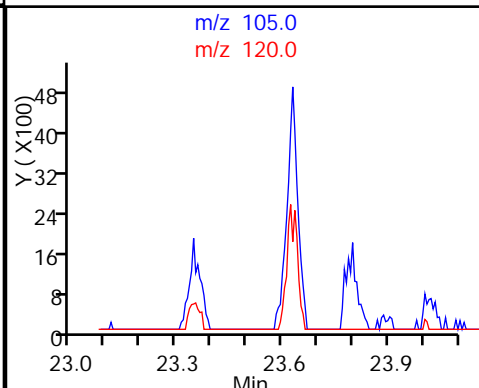
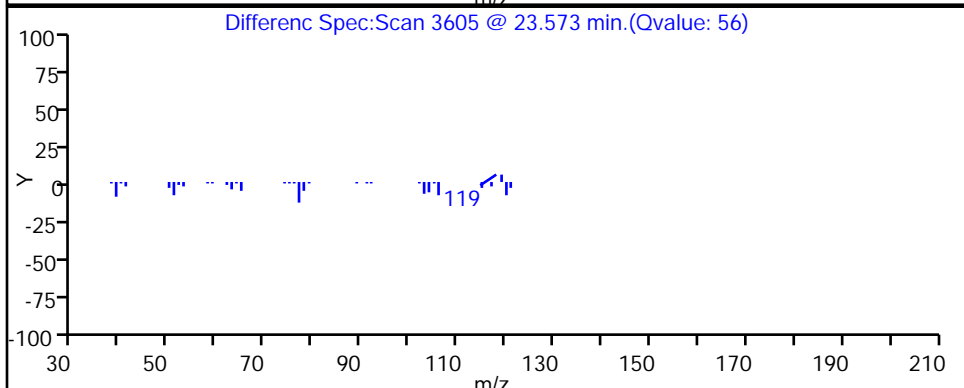
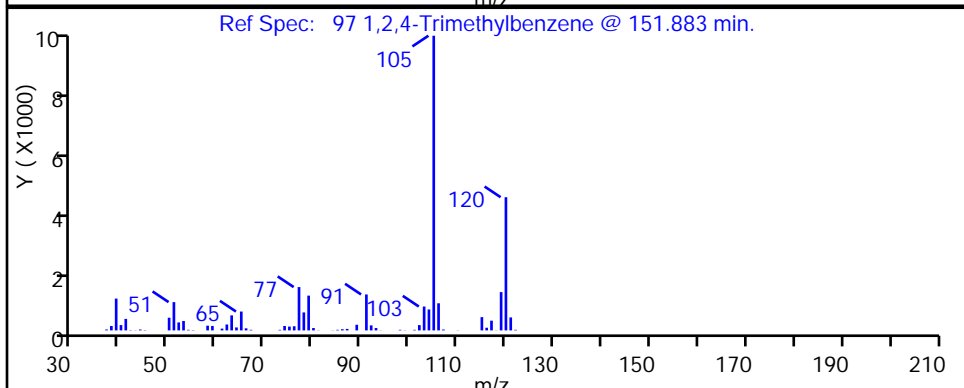
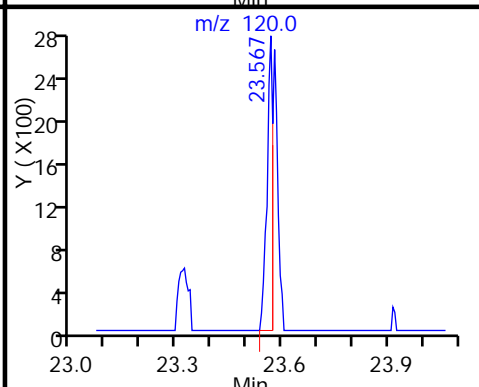
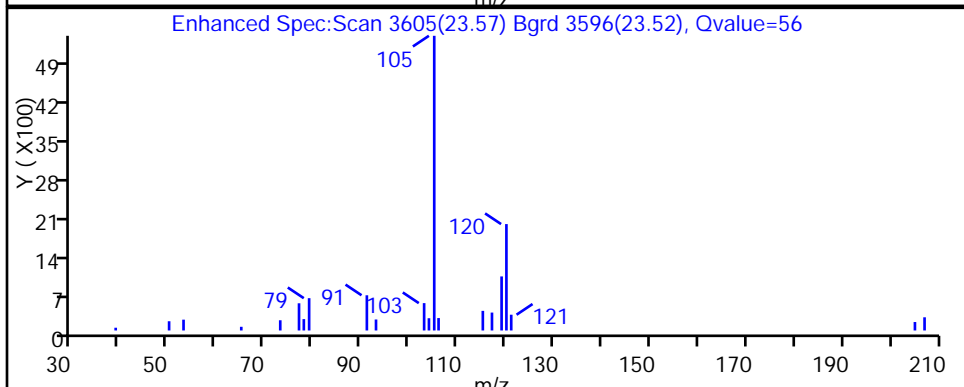
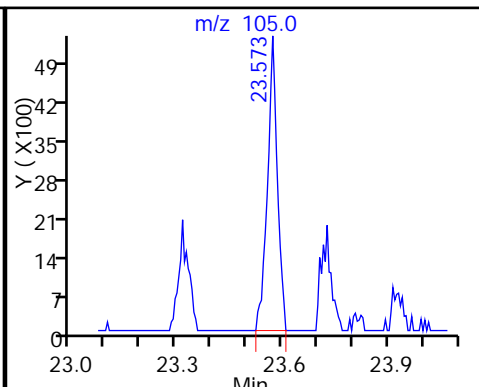
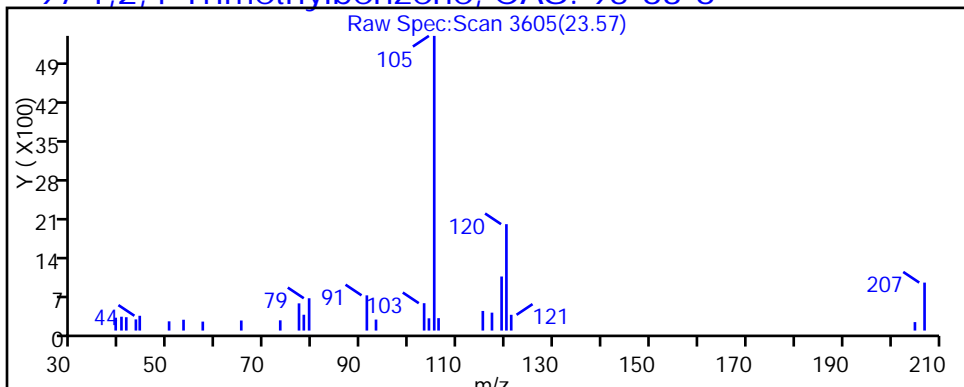
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

97 1,2,4-Trimethylbenzene, CAS: 95-63-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d

Injection Date: 24-Feb-2014 21:40:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-24

Lab Sample ID: 200-20955-24

Client ID: SS-VMP-5A

Operator ID: bl

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 200.000 mL

Dil. Factor: 5.7100

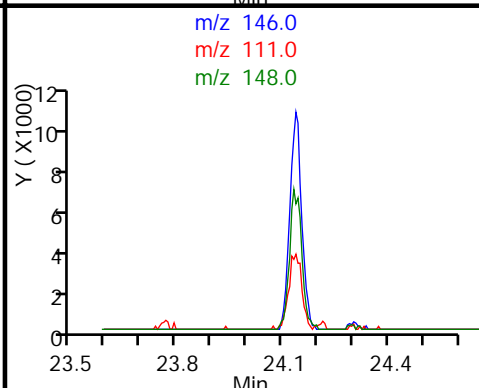
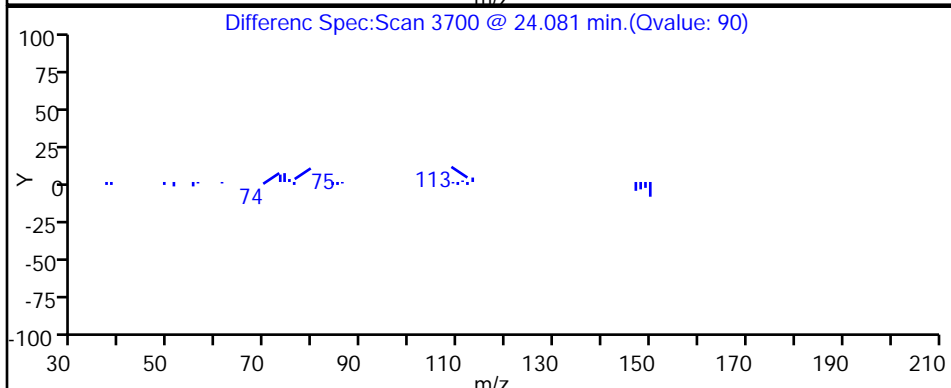
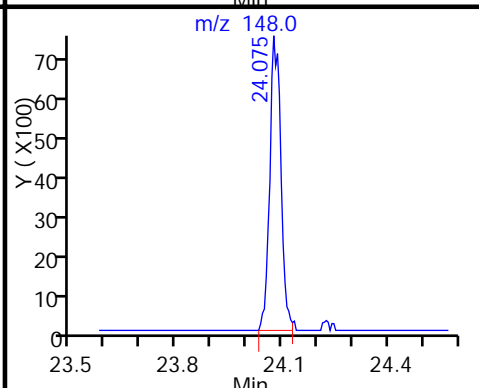
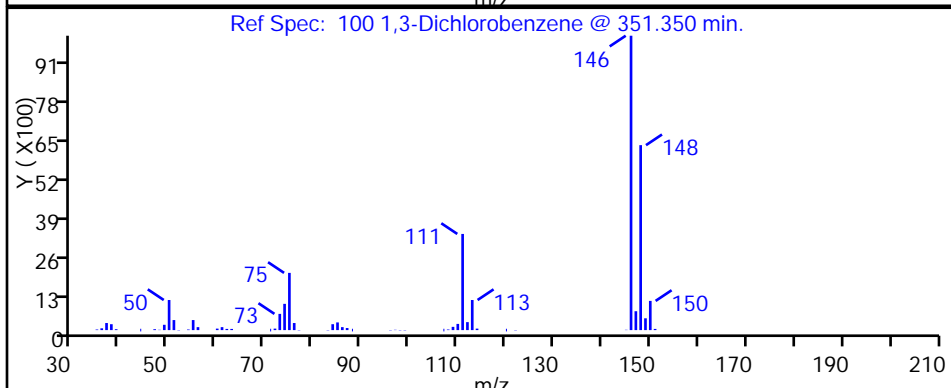
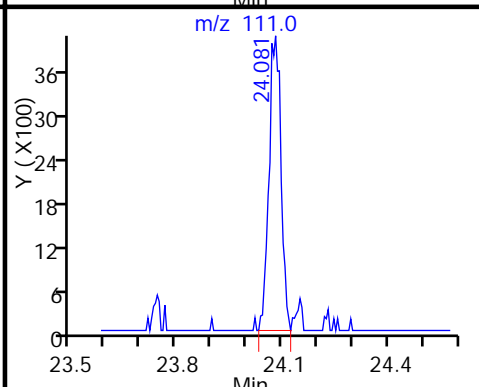
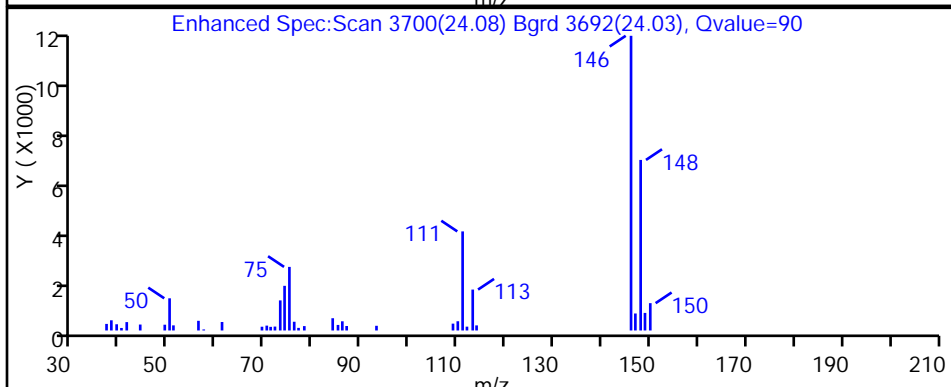
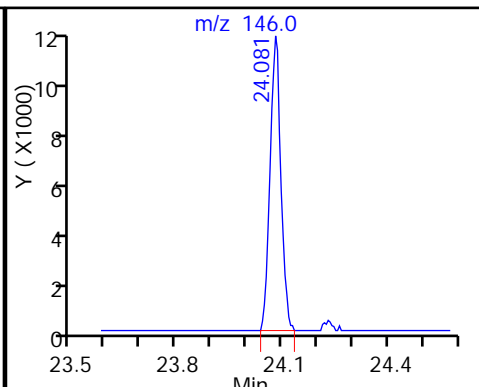
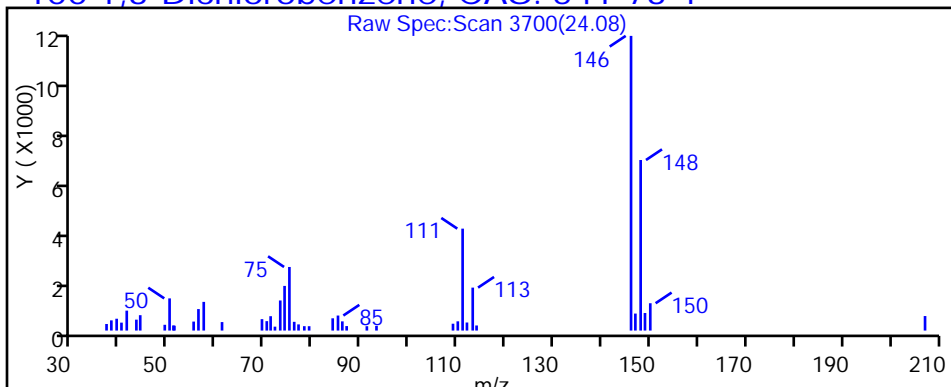
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



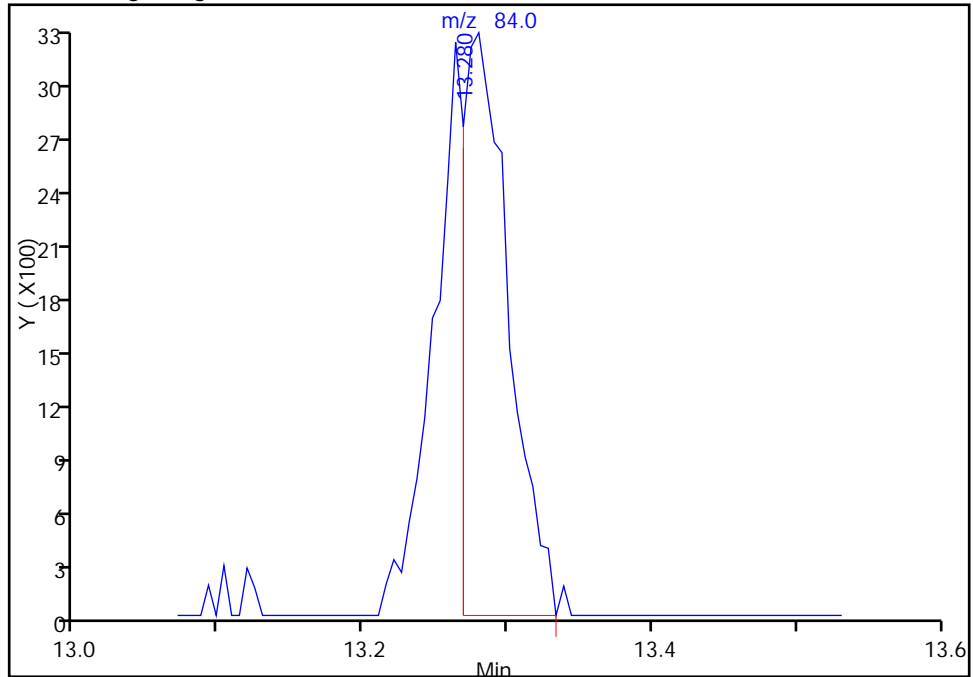
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d
Injection Date: 24-Feb-2014 21:40:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-24 Lab Sample ID: 200-20955-24
Client ID: SS-VMP-5A
Operator ID: bl ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 5.7100
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

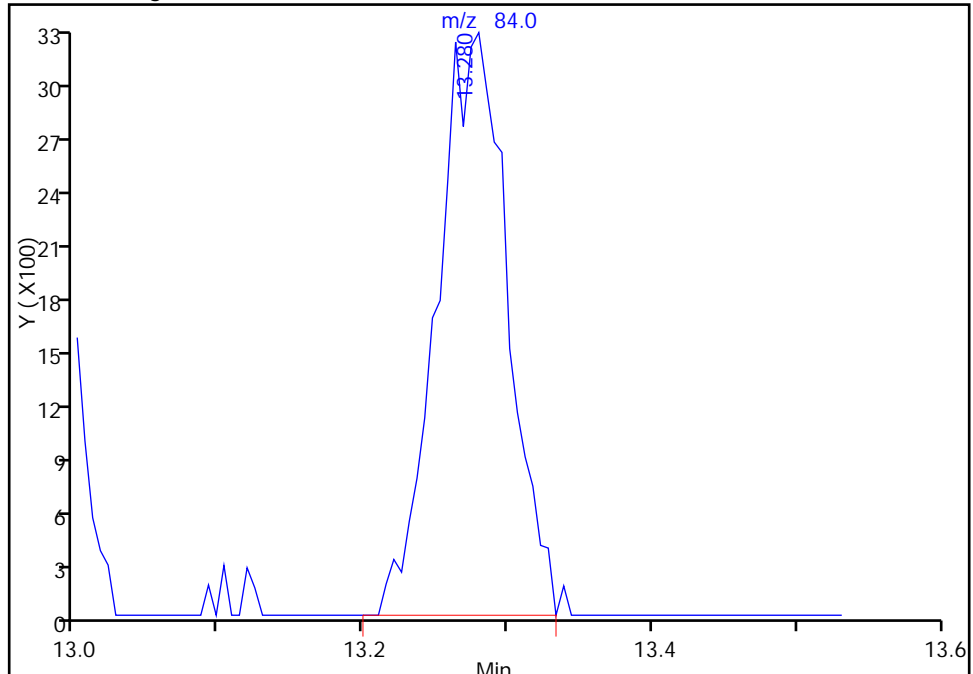
RT: 13.28
Response: 7085
Amount: 0.109640

Processing Integration Results



RT: 13.28
Response: 10952
Amount: 0.169481

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:20:04
Audit Action: Manually Integrated
Audit Reason: Baseline Event

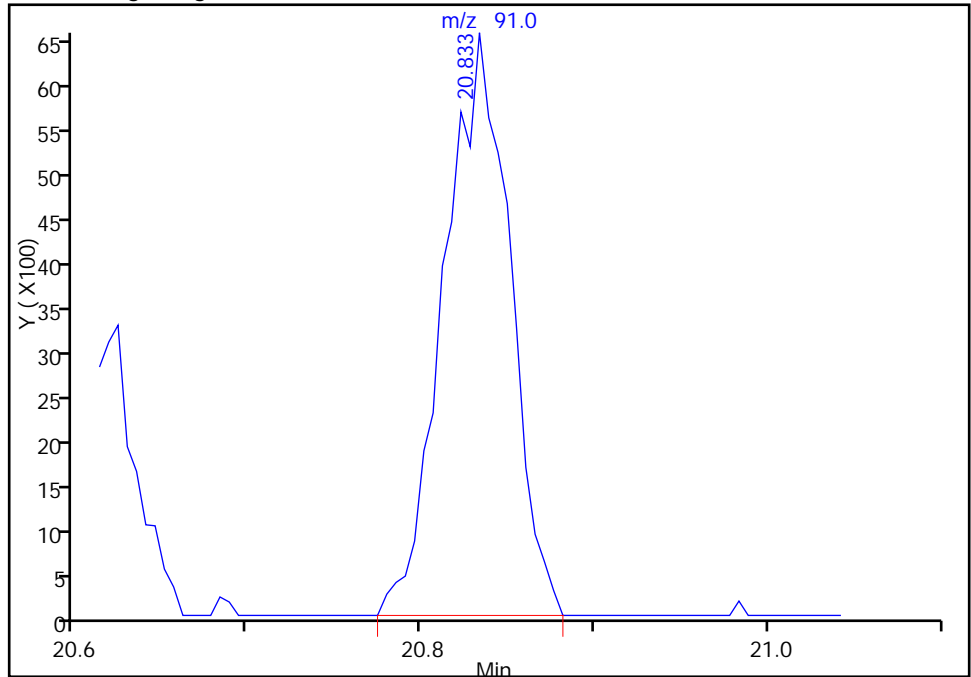
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_013.d
Injection Date: 24-Feb-2014 21:40:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-24 Lab Sample ID: 200-20955-24
Client ID: SS-VMP-5A
Operator ID: bl ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 5.7100
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4

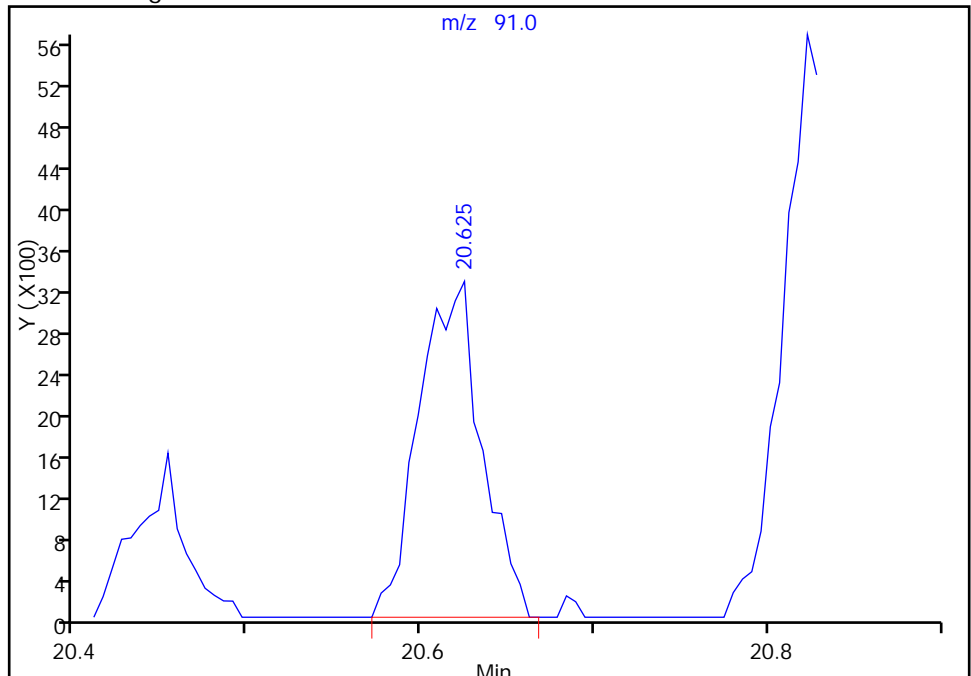
RT: 20.83
Response: 17386
Amount: 0.063777

Processing Integration Results



RT: 20.62
Response: 8236
Amount: 0.030212

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:20:04
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7 Lab Sample ID: 200-20955-25
 Matrix: Air Lab File ID: 6282_014.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:01
 Sample wt/vol: 25 (mL) Date Analyzed: 02/24/2014 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	17		4.0	0.24
75-45-6	Freon 22	86.47	4.0	U	4.0	0.38
76-14-2	Freon-114	170.92	1.6	U	1.6	0.28
74-87-3	Chloromethane	50.49	4.0	U	4.0	1.1
106-97-8	n-Butane	58.12	4.0	U	4.0	2.3
75-01-4	Vinyl chloride	62.50	0.32	U	0.32	0.30
106-99-0	1,3-Butadiene	54.09	1.6	U	1.6	0.34
74-83-9	Bromomethane	94.94	1.6	U	1.6	0.22
75-00-3	Chloroethane	64.52	4.0	U	4.0	0.24
593-60-2	Vinyl bromide	106.96	1.6	U	1.6	0.24
75-69-4	Freon 11	137.37	3.9		1.6	0.24
76-13-1	Freon 113	187.38	0.55	J	1.6	0.14
75-35-4	1,1-Dichloroethene	96.94	1.6	U	1.6	0.19
67-64-1	Acetone	58.08	36	J	40	10
67-63-0	Isopropyl alcohol	60.10	900	E	40	1.7
75-15-0	Carbon disulfide	76.14	4.0	U	4.0	0.53
107-05-1	Allyl chloride	76.53	4.0	U	4.0	0.27
75-09-2	Methylene Chloride	84.93	190		4.0	1.0
75-65-0	tert-Butyl alcohol	74.12	40	U	40	2.6
1634-04-4	Methyl tert-butyl ether	88.15	1.6	U	1.6	0.18
156-60-5	trans-1,2-Dichloroethene	96.94	1.6	U	1.6	0.23
110-54-3	Hexane	86.17	1.6	U	1.6	0.27
75-34-3	1,1-Dichloroethane	98.96	2.0		1.6	0.30
78-93-3	Methyl Ethyl Ketone	72.11	25		4.0	1.9
156-59-2	cis-1,2-Dichloroethene	96.94	1.6	U	1.6	0.30
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.51
67-66-3	Chloroform	119.38	1.6	U	1.6	0.20
109-99-9	Tetrahydrofuran	72.11	14	J	40	0.37
71-55-6	1,1,1-Trichloroethane	133.41	1.6	U	1.6	0.17
110-82-7	Cyclohexane	84.16	2.7		1.6	0.20
56-23-5	Carbon tetrachloride	153.81	0.32	U	0.32	0.17
540-84-1	2,2,4-Trimethylpentane	114.23	1.6	U	1.6	0.22
71-43-2	Benzene	78.11	1.6	U	1.6	0.15
107-06-2	1,2-Dichloroethane	98.96	1.6	U	1.6	0.14
142-82-5	Heptane	100.21	1.6	U	1.6	0.37

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7 Lab Sample ID: 200-20955-25
 Matrix: Air Lab File ID: 6282_014.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:01
 Sample wt/vol: 25 (mL) Date Analyzed: 02/24/2014 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.32	U	0.32	0.19
80-62-6	Methyl methacrylate	100.12	4.0	U	4.0	0.24
78-87-5	1,2-Dichloropropane	112.99	1.6	U	1.6	0.26
123-91-1	1,4-Dioxane	88.11	40	U	40	1.6
75-27-4	Bromodichloromethane	163.83	1.6	U	1.6	0.14
10061-01-5	cis-1,3-Dichloropropene	110.97	1.6	U	1.6	0.22
108-10-1	methyl isobutyl ketone	100.16	4.0	U	4.0	0.22
108-88-3	Toluene	92.14	1.8		1.6	0.14
10061-02-6	trans-1,3-Dichloropropene	110.97	1.6	U	1.6	0.18
79-00-5	1,1,2-Trichloroethane	133.41	1.6	U	1.6	0.14
127-18-4	Tetrachloroethene	165.83	1.6	U	1.6	0.13
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	4.0	U	4.0	1.6
124-48-1	Dibromochloromethane	208.29	1.6	U	1.6	0.16
106-93-4	1,2-Dibromoethane	187.87	1.6	U	1.6	0.16
108-90-7	Chlorobenzene	112.56	1.6	U	1.6	0.065
100-41-4	Ethylbenzene	106.17	1.6	U	1.6	0.10
179601-23-1	m,p-Xylene	106.17	4.0	U	4.0	0.18
95-47-6	Xylene, o-	106.17	1.6	U	1.6	0.13
1330-20-7	Xylene (total)	106.17	1.6	U	1.6	0.27
100-42-5	Styrene	104.15	1.6	U	1.6	0.14
75-25-2	Bromoform	252.75	1.6	U	1.6	0.080
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.6	U	1.6	0.13
103-65-1	n-Propylbenzene	120.19	1.6	U	1.6	0.64
622-96-8	4-Ethyltoluene	120.20	1.6	U	1.6	0.14
108-67-8	1,3,5-Trimethylbenzene	120.20	1.6	U	1.6	0.096
95-49-8	2-Chlorotoluene	126.59	1.6	U	1.6	0.10
98-06-6	tert-Butylbenzene	134.22	1.6	U	1.6	0.14
95-63-6	1,2,4-Trimethylbenzene	120.20	1.6	U	1.6	0.11
135-98-8	sec-Butylbenzene	134.22	1.6	U	1.6	0.64
99-87-6	4-Isopropyltoluene	134.22	1.6	U	1.6	0.64
541-73-1	1,3-Dichlorobenzene	147.00	0.65	J B	1.6	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.6	U	1.6	0.11
100-44-7	Benzyl chloride	126.58	1.6	U	1.6	0.64
104-51-8	n-Butylbenzene	134.22	1.6	U	1.6	0.64

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7 Lab Sample ID: 200-20955-25
 Matrix: Air Lab File ID: 6282_014.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:01
 Sample wt/vol: 25(mL) Date Analyzed: 02/24/2014 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.6	U	1.6	0.11
120-82-1	1,2,4-Trichlorobenzene	181.45	4.0	U	4.0	0.22
87-68-3	Hexachloro-1,3-butadiene	260.76	1.6	U	1.6	0.18
91-20-3	Naphthalene	128.17	4.0	U	4.0	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7 Lab Sample ID: 200-20955-25
 Matrix: Air Lab File ID: 6282_014.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:01
 Sample wt/vol: 25 (mL) Date Analyzed: 02/24/2014 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	85		20	1.2
75-45-6	Freon 22	86.47	14	U	14	1.4
76-14-2	Freon-114	170.92	11	U	11	2.0
74-87-3	Chloromethane	50.49	8.3	U	8.3	2.2
106-97-8	n-Butane	58.12	9.5	U	9.5	5.4
75-01-4	Vinyl chloride	62.50	0.82	U	0.82	0.78
106-99-0	1,3-Butadiene	54.09	3.5	U	3.5	0.74
74-83-9	Bromomethane	94.94	6.2	U	6.2	0.87
75-00-3	Chloroethane	64.52	11	U	11	0.63
593-60-2	Vinyl bromide	106.96	7.0	U	7.0	1.0
75-69-4	Freon 11	137.37	22		9.0	1.3
76-13-1	Freon 113	187.38	4.2	J	12	1.1
75-35-4	1,1-Dichloroethene	96.94	6.3	U	6.3	0.76
67-64-1	Acetone	58.08	86	J	95	24
67-63-0	Isopropyl alcohol	60.10	2200	E	98	4.2
75-15-0	Carbon disulfide	76.14	12	U	12	1.6
107-05-1	Allyl chloride	76.53	13	U	13	0.85
75-09-2	Methylene Chloride	84.93	670		14	3.5
75-65-0	tert-Butyl alcohol	74.12	120	U	120	8.0
1634-04-4	Methyl tert-butyl ether	88.15	5.8	U	5.8	0.63
156-60-5	trans-1,2-Dichloroethene	96.94	6.3	U	6.3	0.92
110-54-3	Hexane	86.17	5.6	U	5.6	0.96
75-34-3	1,1-Dichloroethane	98.96	8.3		6.5	1.2
78-93-3	Methyl Ethyl Ketone	72.11	73		12	5.7
156-59-2	cis-1,2-Dichloroethene	96.94	6.3	U	6.3	1.2
540-59-0	1,2-Dichloroethene, Total	96.94	6.3	U	6.3	2.0
67-66-3	Chloroform	119.38	7.8	U	7.8	0.98
109-99-9	Tetrahydrofuran	72.11	40	J	120	1.1
71-55-6	1,1,1-Trichloroethane	133.41	8.7	U	8.7	0.92
110-82-7	Cyclohexane	84.16	9.4		5.5	0.69
56-23-5	Carbon tetrachloride	153.81	2.0	U	2.0	1.1
540-84-1	2,2,4-Trimethylpentane	114.23	7.5	U	7.5	1.0
71-43-2	Benzene	78.11	5.1	U	5.1	0.49
107-06-2	1,2-Dichloroethane	98.96	6.5	U	6.5	0.55
142-82-5	Heptane	100.21	6.6	U	6.6	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7 Lab Sample ID: 200-20955-25
 Matrix: Air Lab File ID: 6282_014.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:01
 Sample wt/vol: 25 (mL) Date Analyzed: 02/24/2014 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	1.7	U	1.7	1.0
80-62-6	Methyl methacrylate	100.12	16	U	16	0.98
78-87-5	1,2-Dichloropropane	112.99	7.4	U	7.4	1.2
123-91-1	1,4-Dioxane	88.11	140	U	140	5.8
75-27-4	Bromodichloromethane	163.83	11	U	11	0.91
10061-01-5	cis-1,3-Dichloropropene	110.97	7.3	U	7.3	1.0
108-10-1	methyl isobutyl ketone	100.16	16	U	16	0.88
108-88-3	Toluene	92.14	6.6		6.0	0.51
10061-02-6	trans-1,3-Dichloropropene	110.97	7.3	U	7.3	0.80
79-00-5	1,1,2-Trichloroethane	133.41	8.7	U	8.7	0.74
127-18-4	Tetrachloroethene	165.83	11	U	11	0.87
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	16	U	16	6.6
124-48-1	Dibromochloromethane	208.29	14	U	14	1.4
106-93-4	1,2-Dibromoethane	187.87	12	U	12	1.2
108-90-7	Chlorobenzene	112.56	7.4	U	7.4	0.30
100-41-4	Ethylbenzene	106.17	6.9	U	6.9	0.45
179601-23-1	m,p-Xylene	106.17	17	U	17	0.80
95-47-6	Xylene, o-	106.17	6.9	U	6.9	0.56
1330-20-7	Xylene (total)	106.17	6.9	U	6.9	1.2
100-42-5	Styrene	104.15	6.8	U	6.8	0.61
75-25-2	Bromoform	252.75	17	U	17	0.83
79-34-5	1,1,2,2-Tetrachloroethane	167.85	11	U	11	0.88
103-65-1	n-Propylbenzene	120.19	7.9	U	7.9	3.1
622-96-8	4-Ethyltoluene	120.20	7.9	U	7.9	0.71
108-67-8	1,3,5-Trimethylbenzene	120.20	7.9	U	7.9	0.47
95-49-8	2-Chlorotoluene	126.59	8.3	U	8.3	0.54
98-06-6	tert-Butylbenzene	134.22	8.8	U	8.8	0.75
95-63-6	1,2,4-Trimethylbenzene	120.20	7.9	U	7.9	0.55
135-98-8	sec-Butylbenzene	134.22	8.8	U	8.8	3.5
99-87-6	4-Isopropyltoluene	134.22	8.8	U	8.8	3.5
541-73-1	1,3-Dichlorobenzene	147.00	3.9	J B	9.6	0.67
106-46-7	1,4-Dichlorobenzene	147.00	9.6	U	9.6	0.67
100-44-7	Benzyl chloride	126.58	8.3	U	8.3	3.3
104-51-8	n-Butylbenzene	134.22	8.8	U	8.8	3.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7 Lab Sample ID: 200-20955-25
 Matrix: Air Lab File ID: 6282_014.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 17:01
 Sample wt/vol: 25(mL) Date Analyzed: 02/24/2014 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.6	U	9.6	0.67
120-82-1	1,2,4-Trichlorobenzene	181.45	30	U	30	1.6
87-68-3	Hexachloro-1,3-butadiene	260.76	17	U	17	1.9
91-20-3	Naphthalene	128.17	21	U	21	8.4

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d
 Lims ID: 200-20955-A-25 Lab Sample ID: 200-20955-25
 Client ID: SS-VMP-7
 Sample Type: Client
 Inject. Date: 24-Feb-2014 22:28:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 200.000 mL Dil. Factor: 8.0000
 Sample Info: 200-0006282-014
 Misc. Info.: 200-20955-a-25@8 25ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:23:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.410	4.463	-0.053	99	361648	2.14	
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101	7.181	7.181	0.0	89	91865	0.4853	M
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.417	8.433	-0.016	81	8185	0.0691	
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.797	8.743	0.053	86	242952	4.53	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.085	9.027	0.058	97	5029556	112.0	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.738	9.727	0.011	78	893758	23.9	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57		10.648					
37 1,1-Dichloroethane	63	11.220	11.193	0.027	82	21204	0.2561	
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.424	12.386	0.038	96	70531	3.11	
44 Tetrahydrofuran	42	12.884	12.846	0.038	80	57477	1.71	
* 43 Chlorobromomethane	128	12.878	12.857	0.021	73	369272	10.0	
45 Chloroform	83		12.964					
46 Cyclohexane	84	13.264	13.258	0.006	81	22216	0.3429	M
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	13.531		
	51			57	13.922		
	50			78	13.980		
	52			62	14.141		
	53			43	14.269		
*	54			114	14.761	14.745	0.016 92 1774537 10.0
	56			95	15.206		
	58			63	15.730		
	59			69	15.810		
	60			88	15.901		
	62			83	16.217		
	64			75	17.083		
	65			43	17.319		
	66			92	17.672	17.656	0.016 90 25701 0.2201
	70			75	18.191		
	71			83	18.554		
	72			166	18.699		
	73			43	18.945		
	74			129	19.314		
	75			107	19.598		
S	82			106	20.100		
*	76			117	20.448	20.443	0.005 83 1610308 10.0
	77			112	20.496		
	78			91	20.614		
	80			106	20.833		
	83			106	21.545		
	84			104	21.582		
	85			173	21.957		
\$	87			95	22.444	22.444	0.0 97 1051946 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.081	24.081	0.0 92 18494 0.0808
	101			146	24.225		
	102			91	24.434		
	103			91	24.648		
	105			146	24.830		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Worklist Smp#: 14

Client ID: SS-VMP-7

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

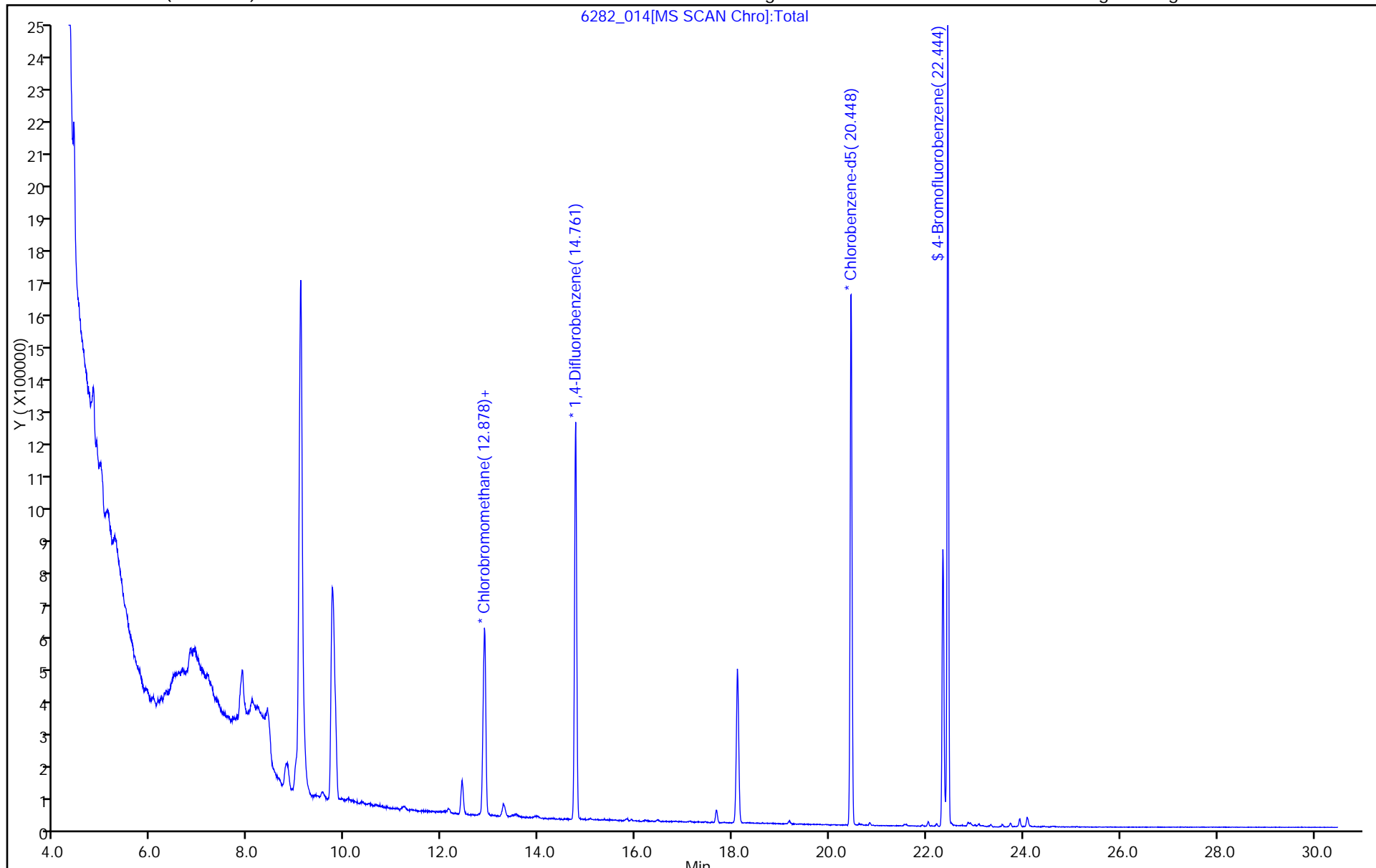
ALS Bottle#: 13

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

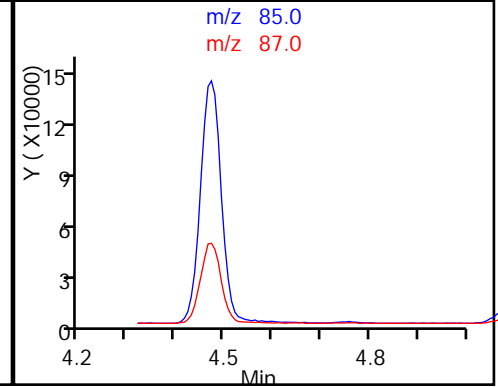
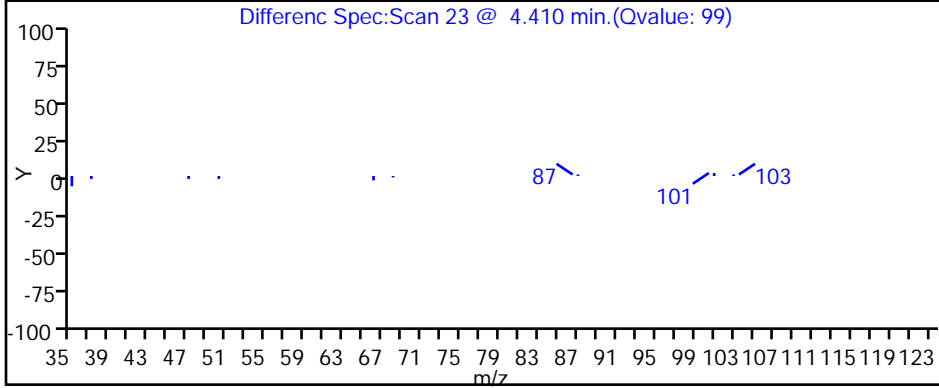
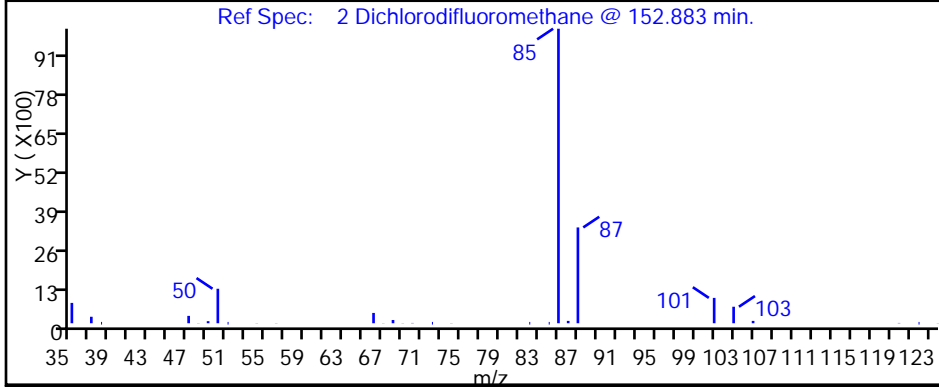
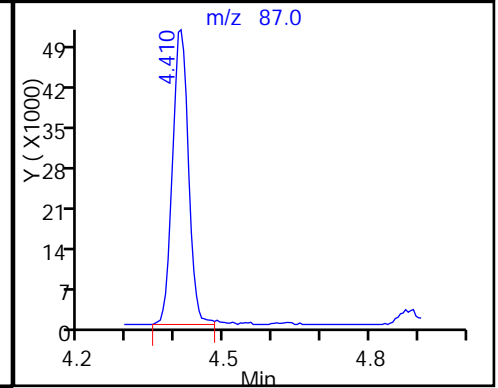
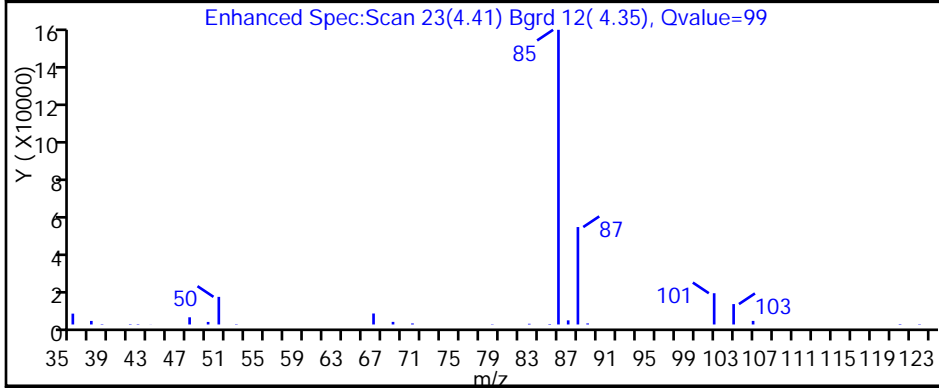
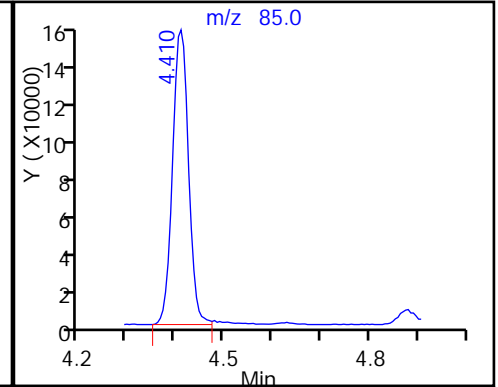
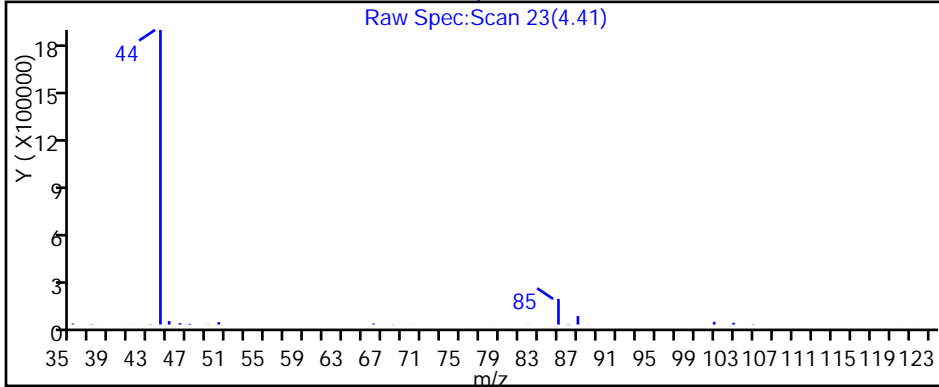
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

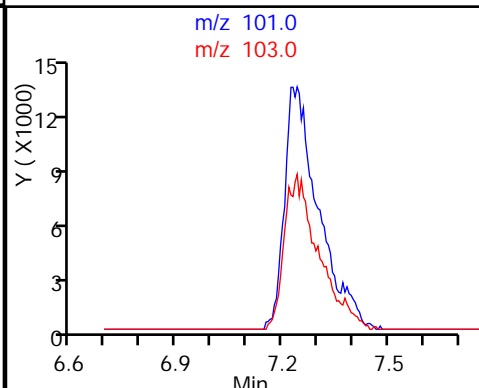
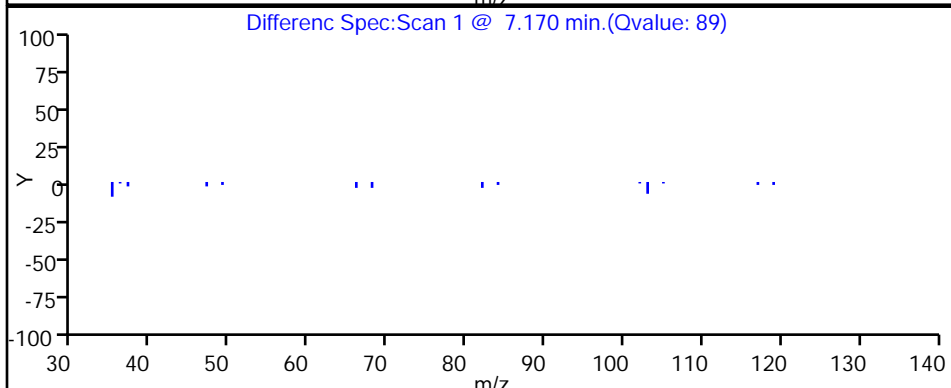
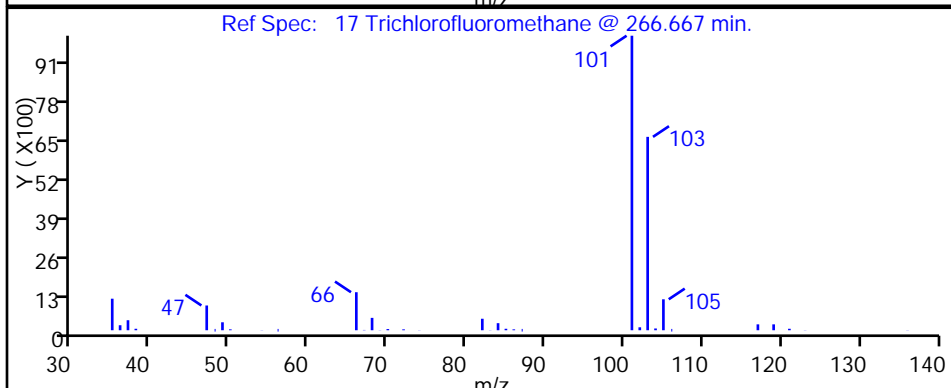
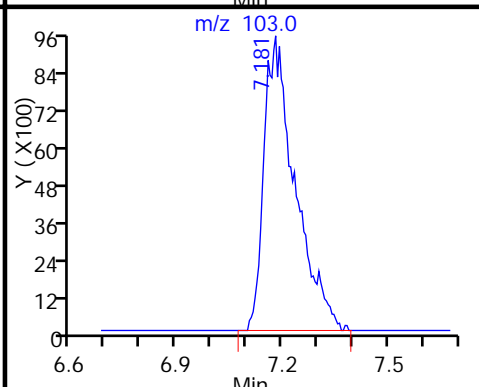
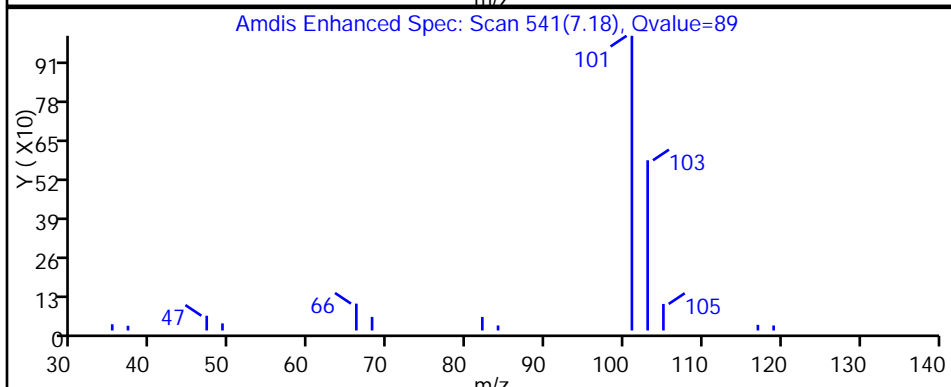
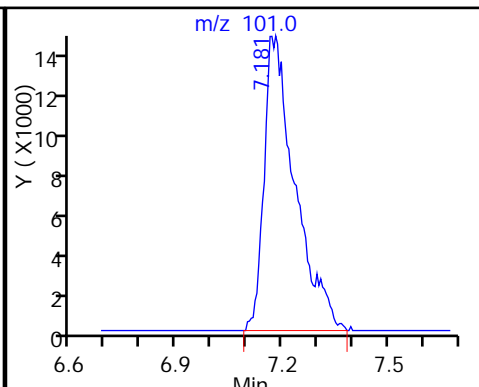
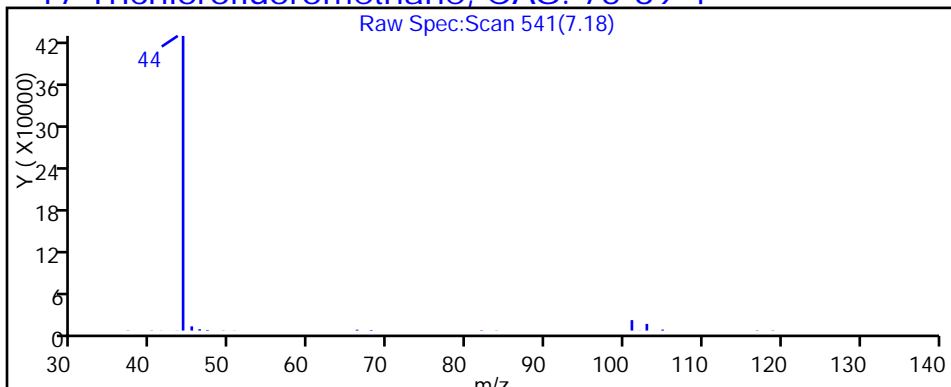
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

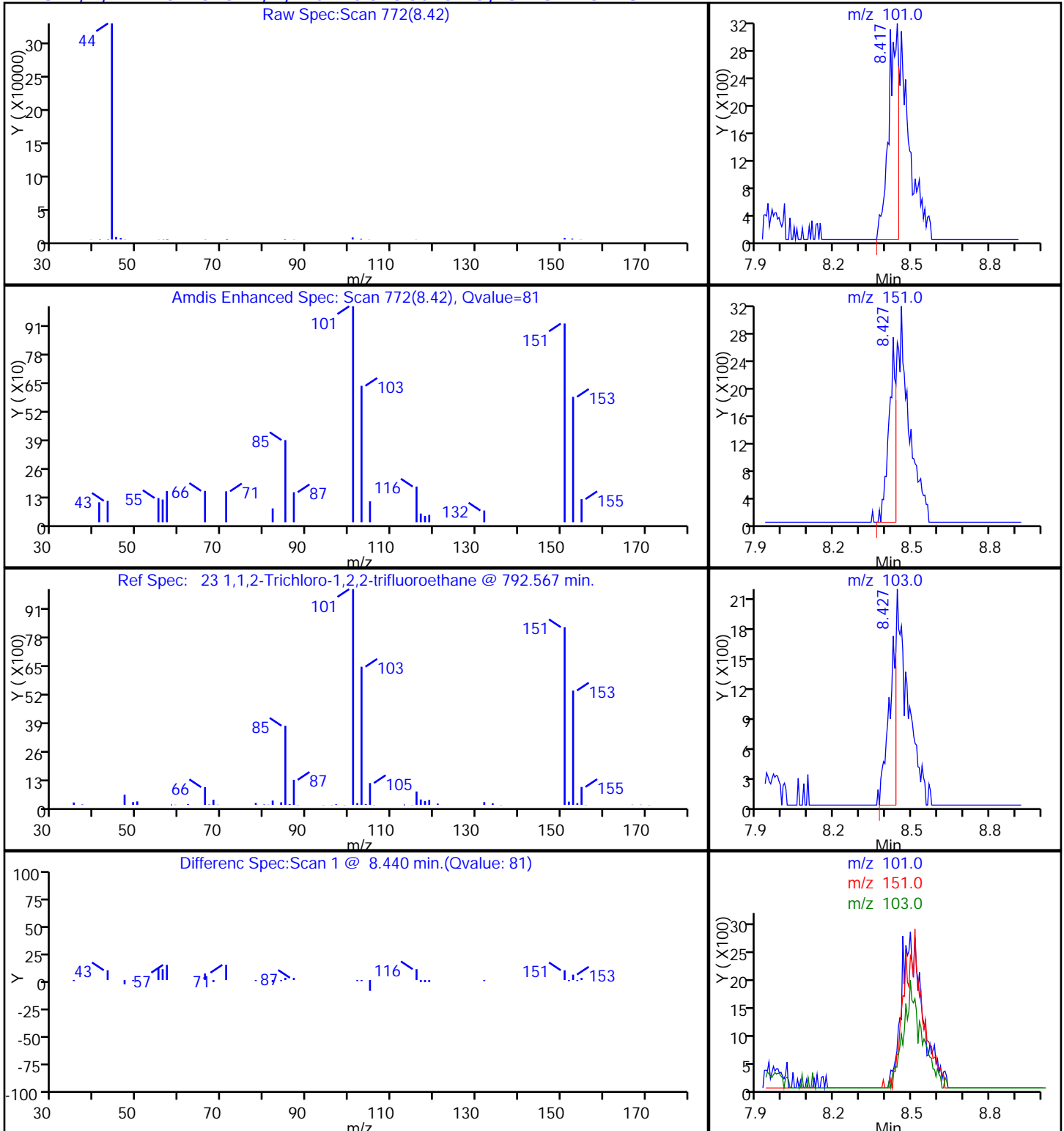
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

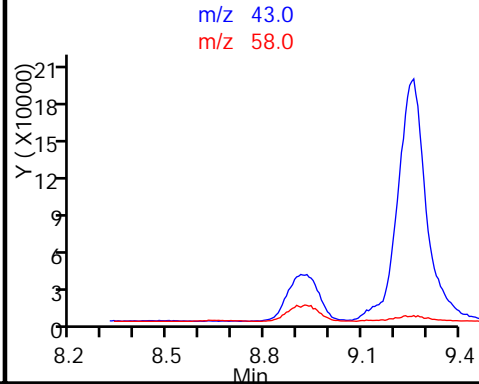
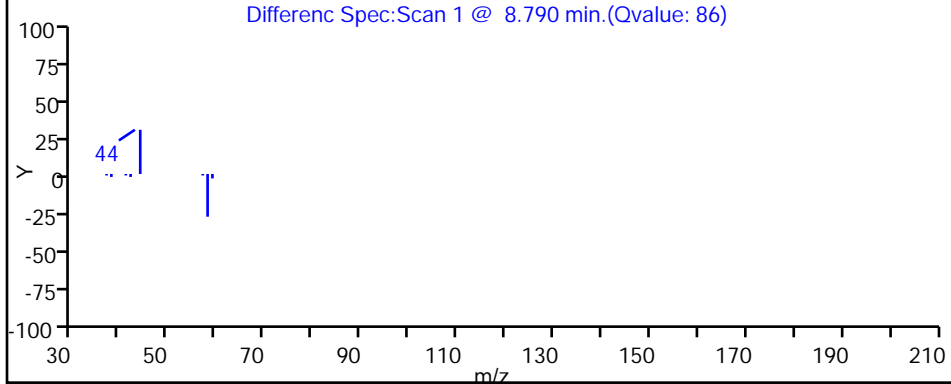
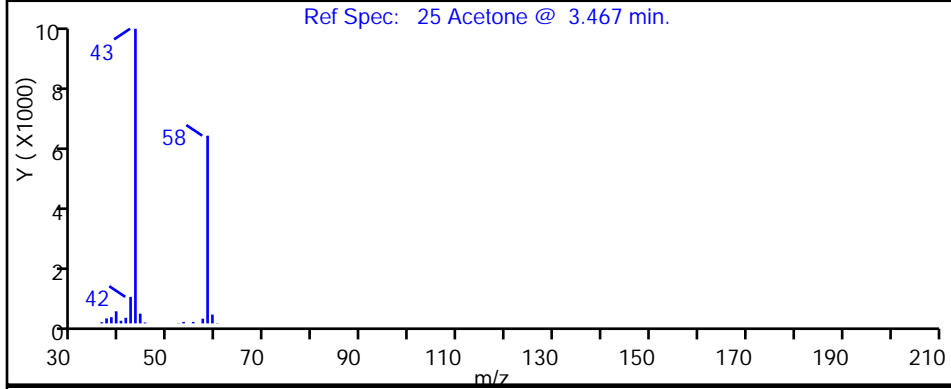
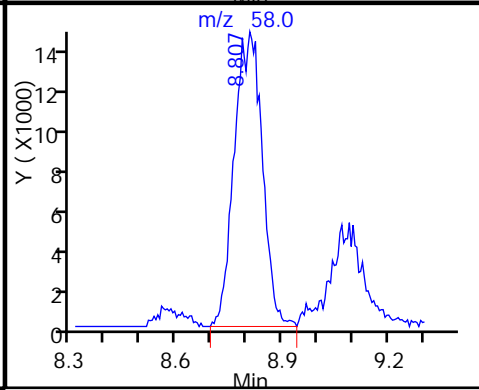
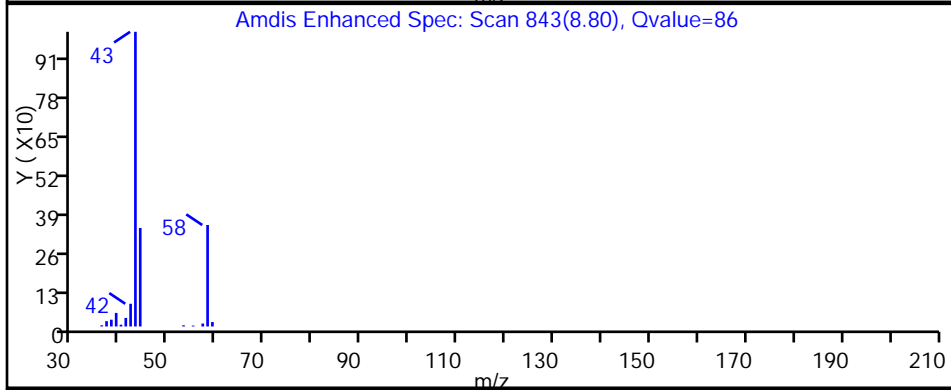
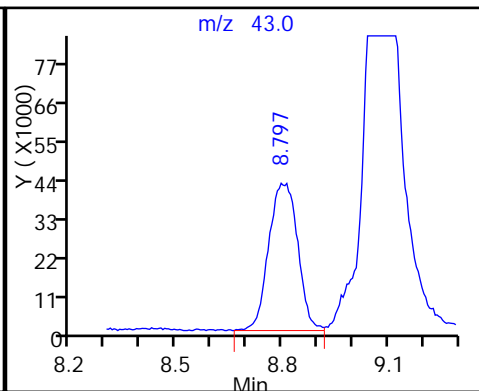
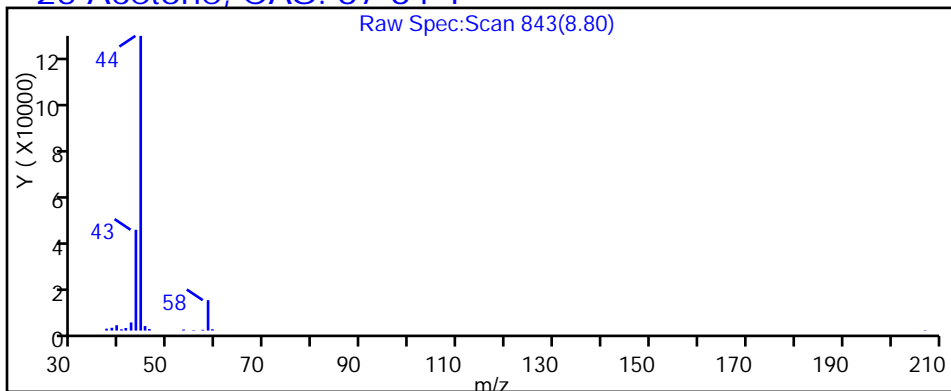
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

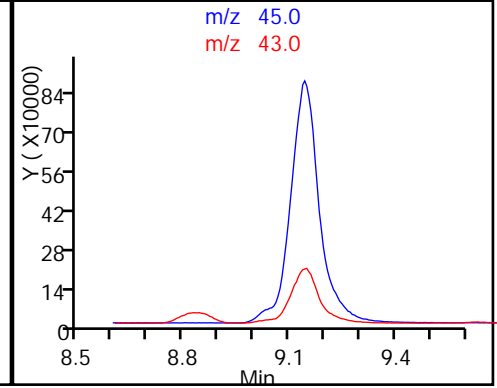
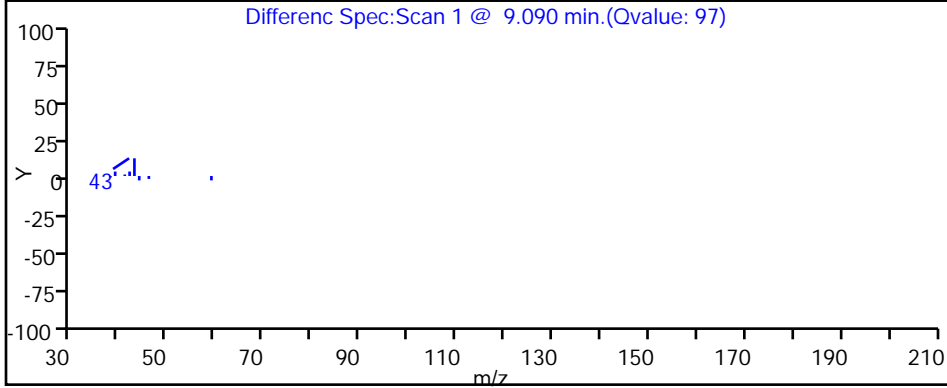
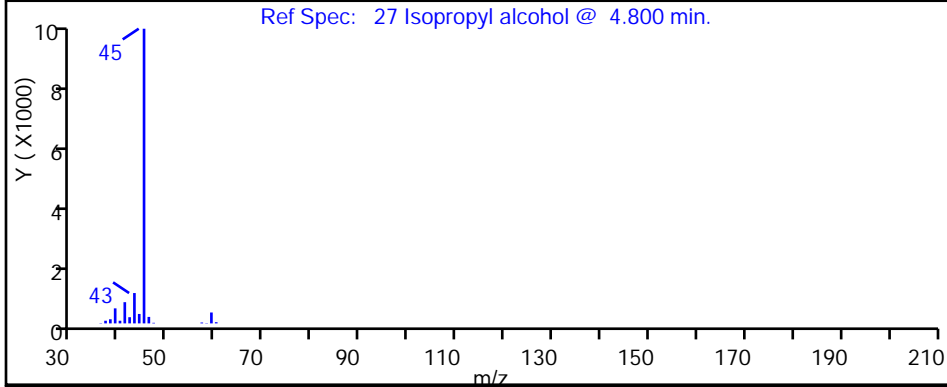
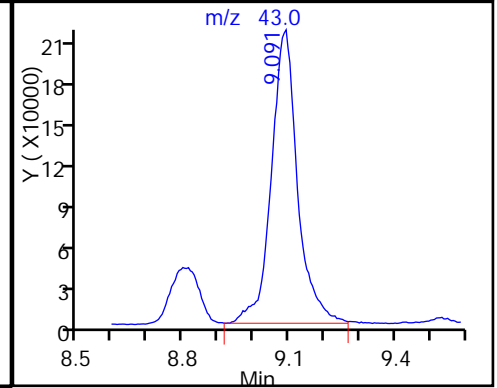
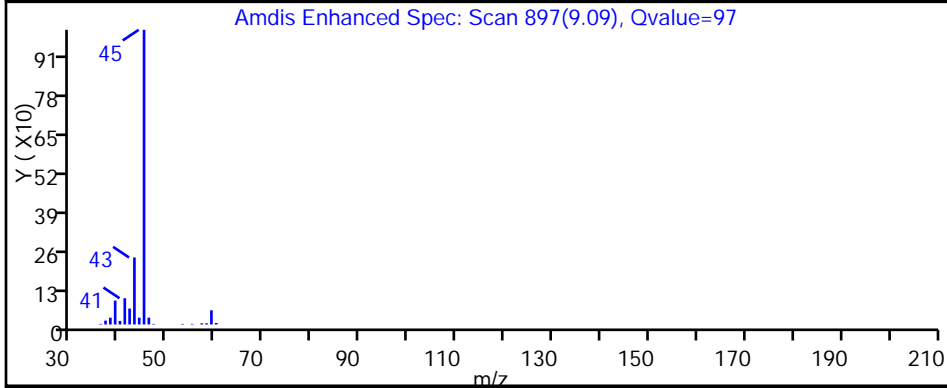
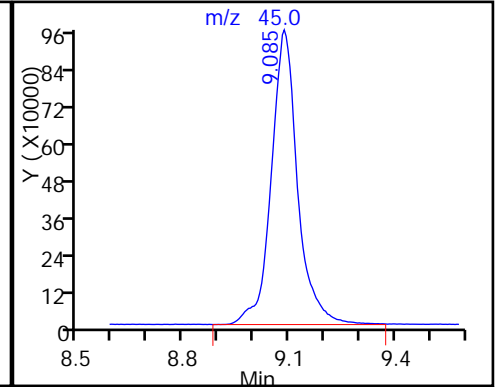
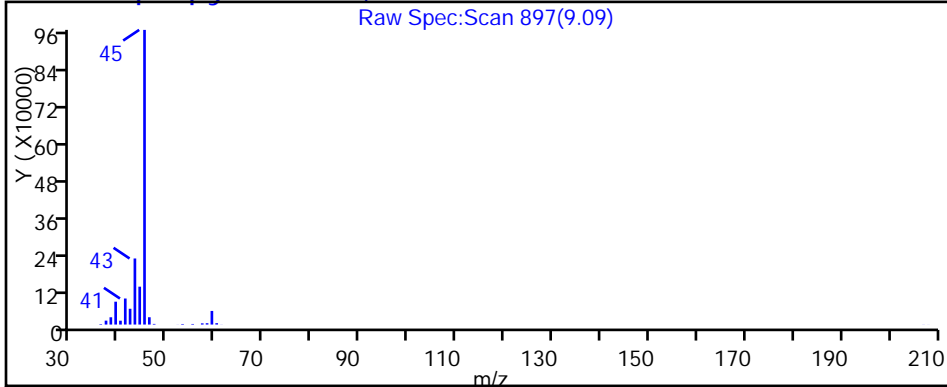
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

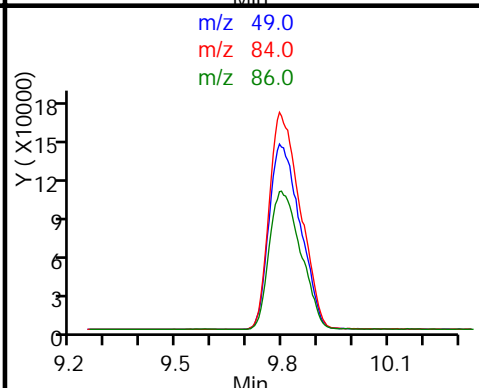
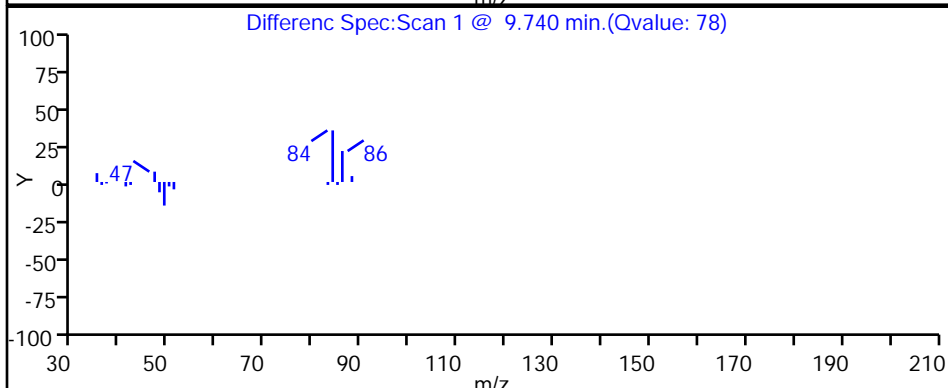
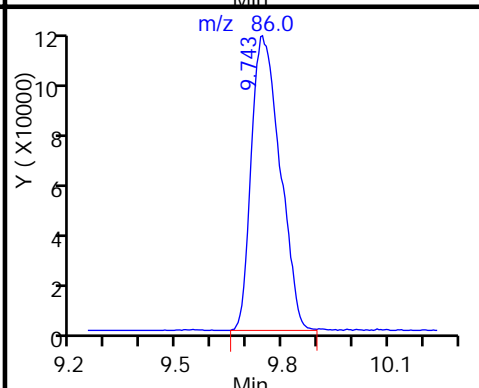
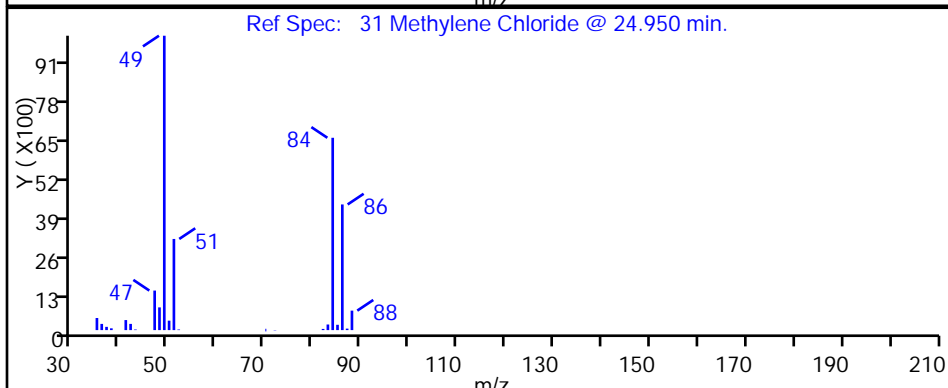
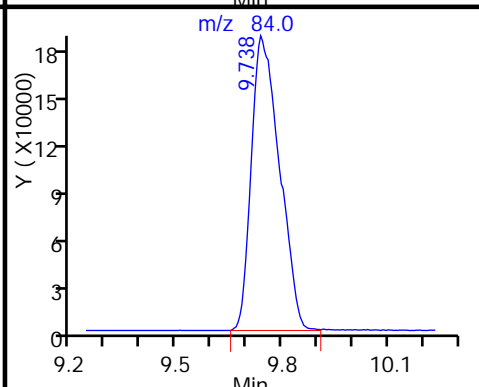
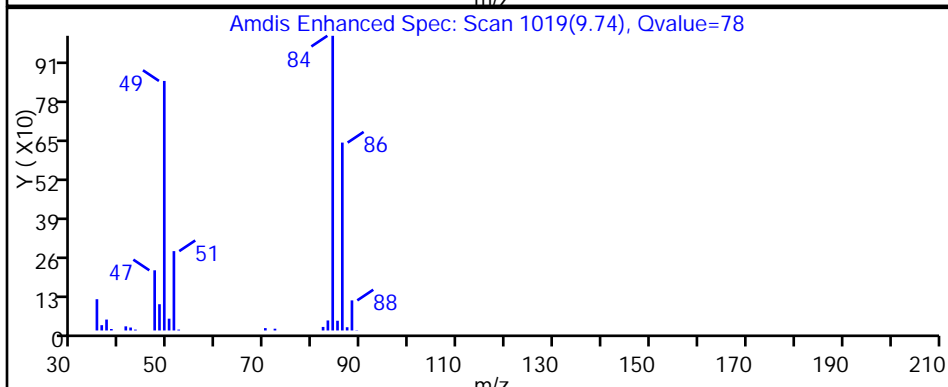
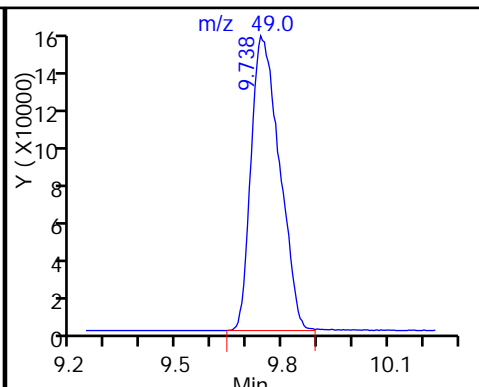
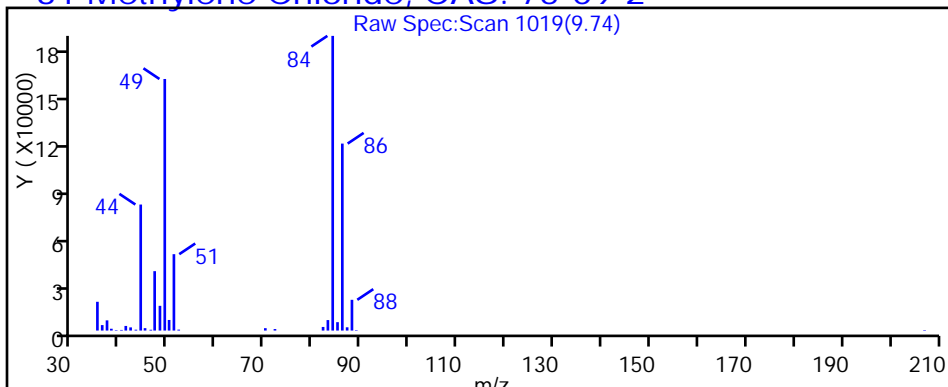
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

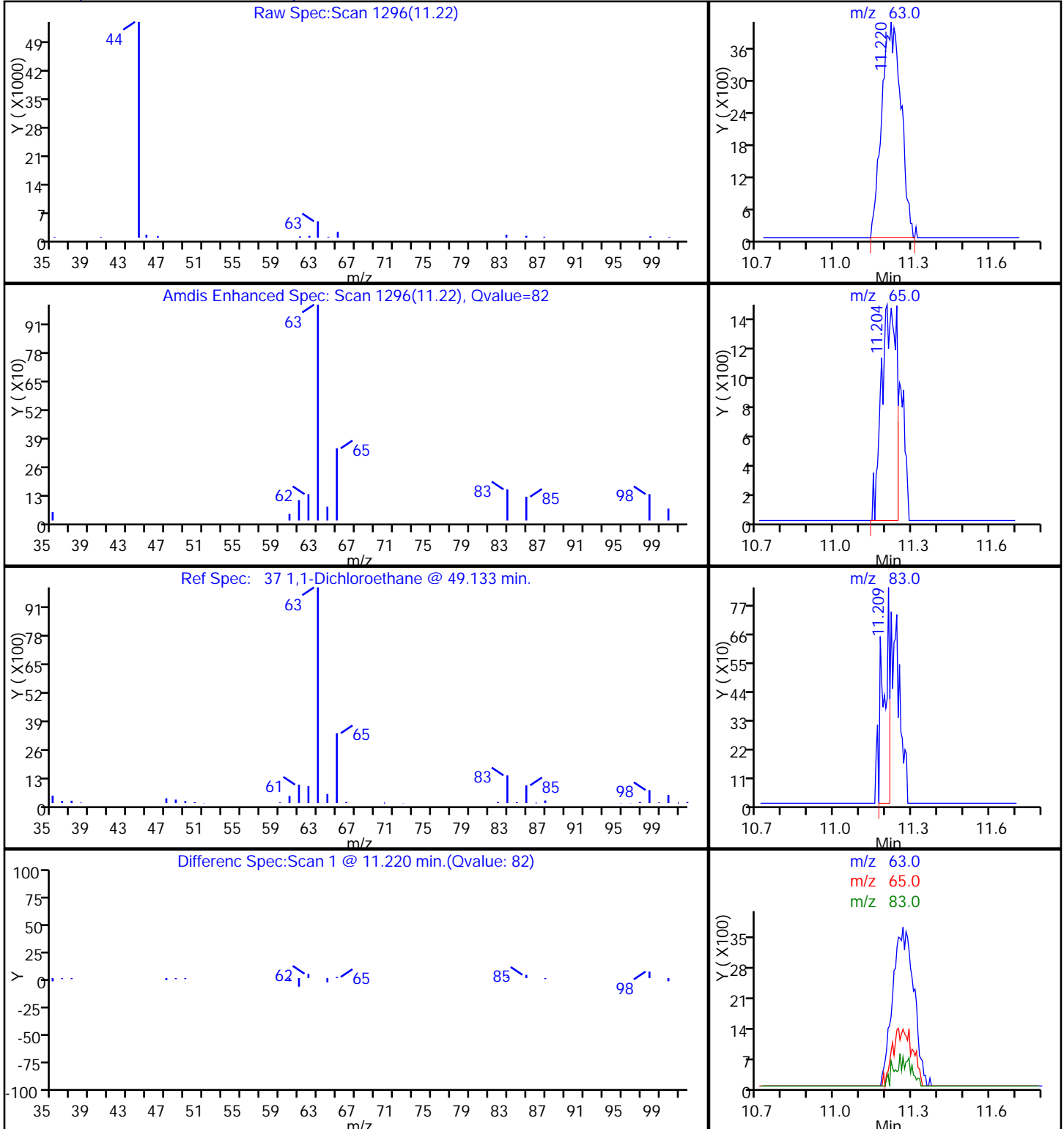
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

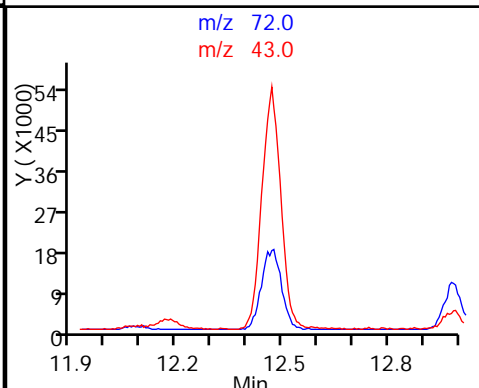
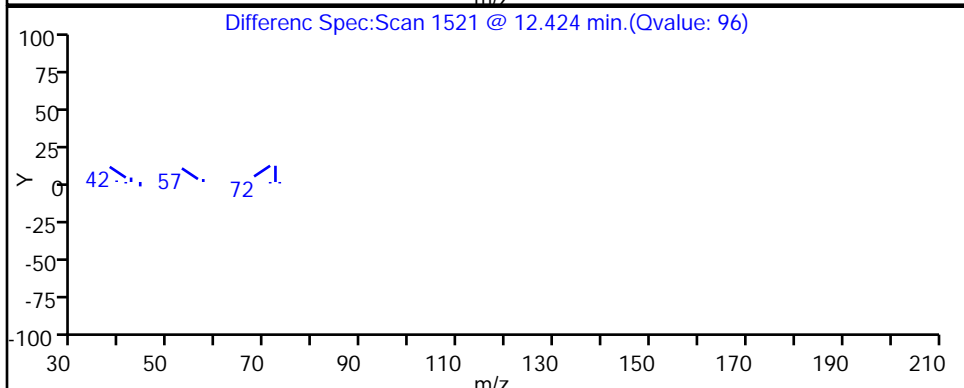
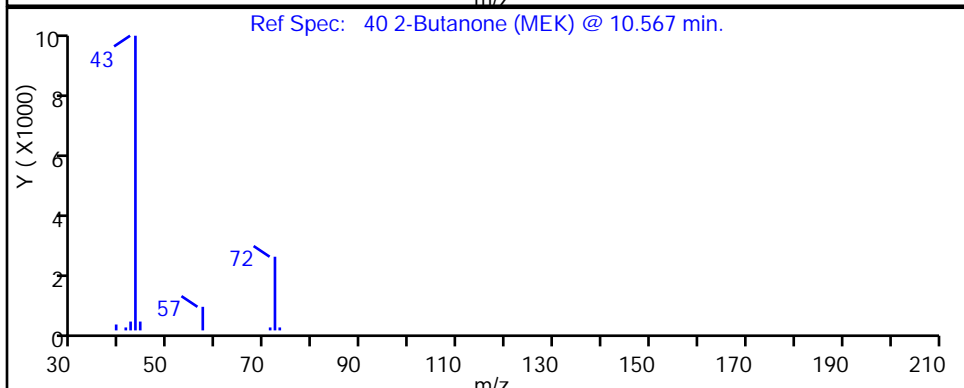
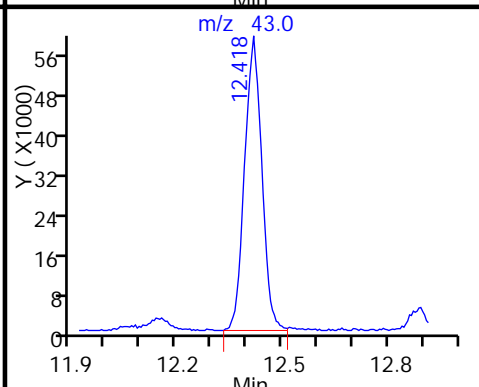
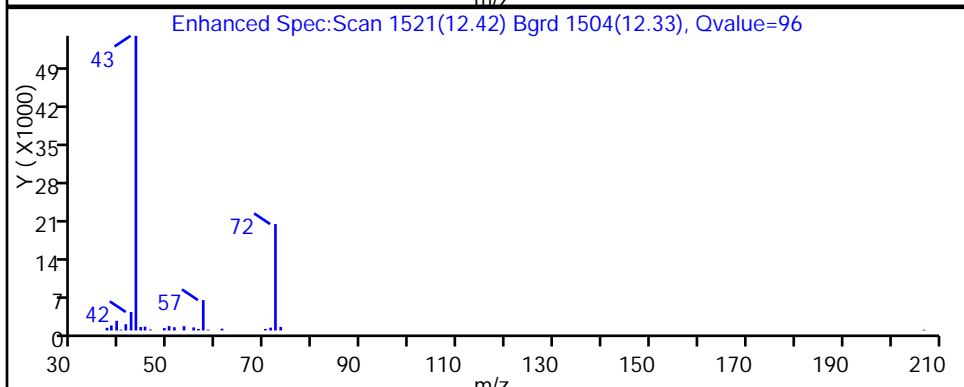
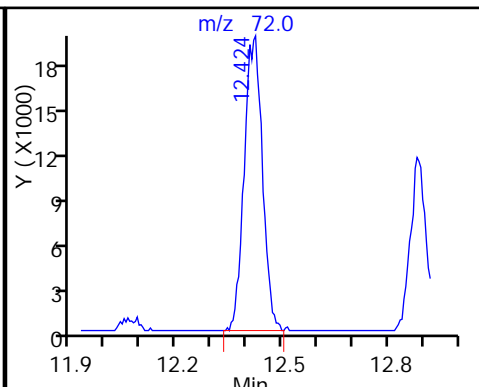
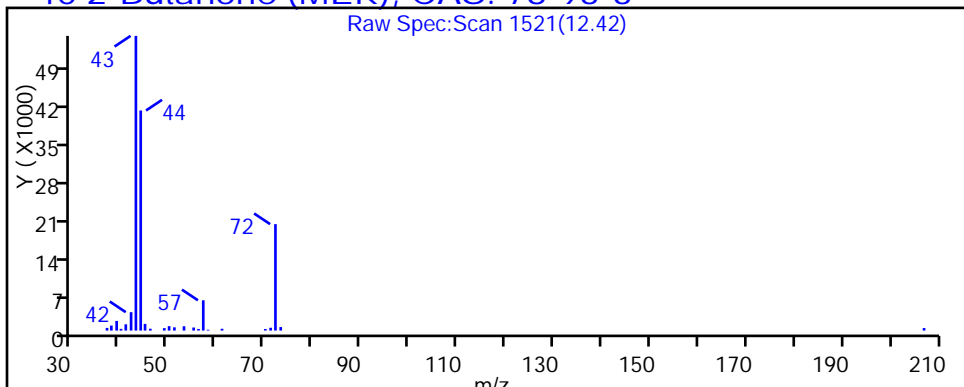
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

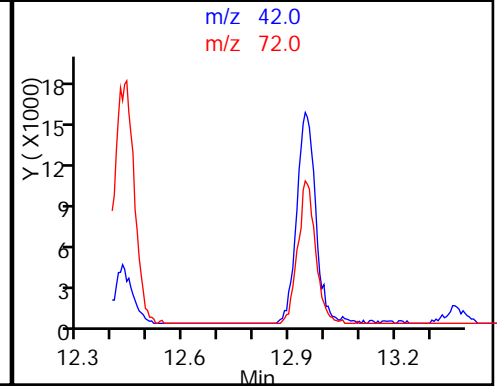
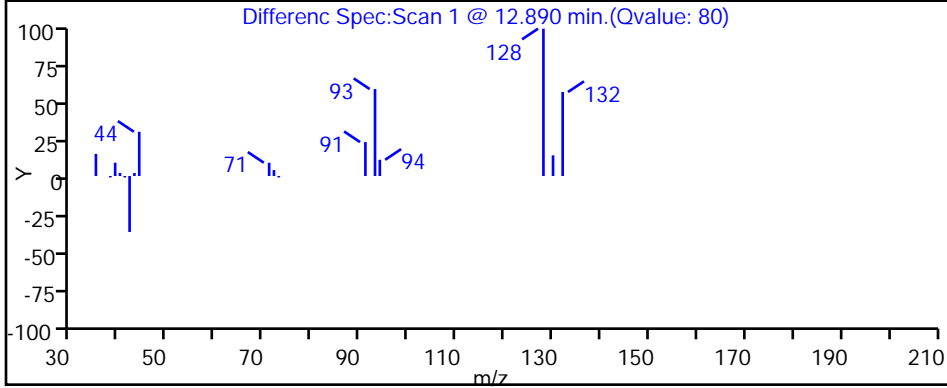
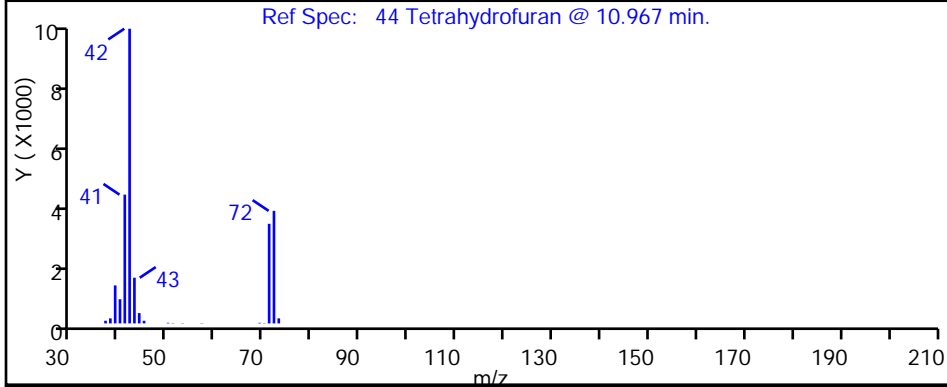
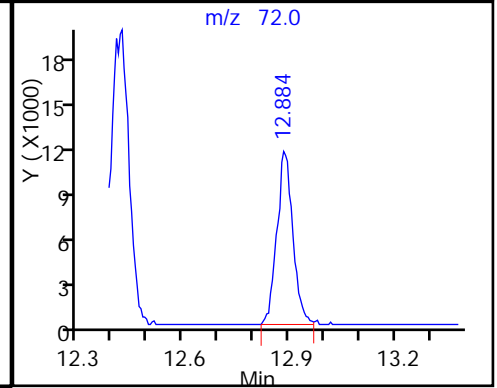
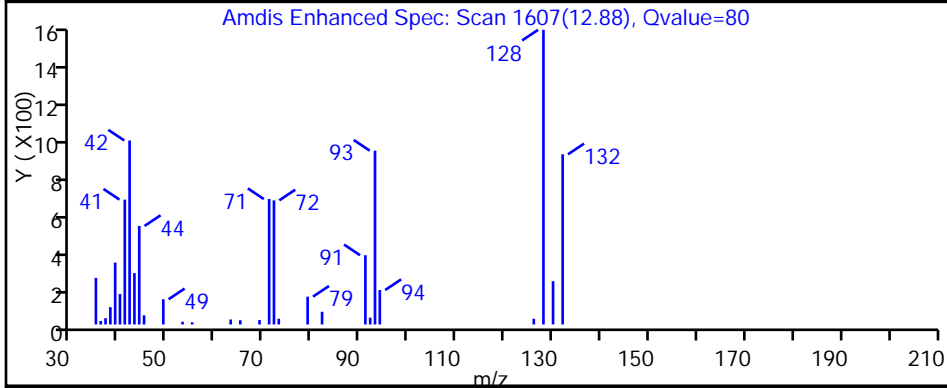
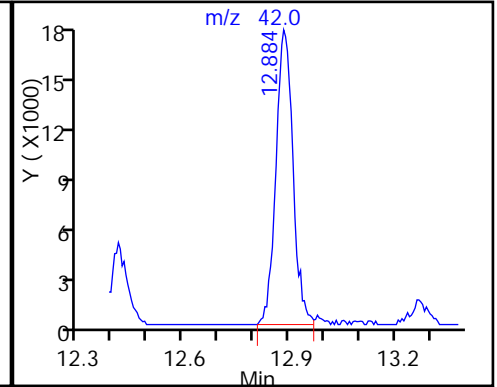
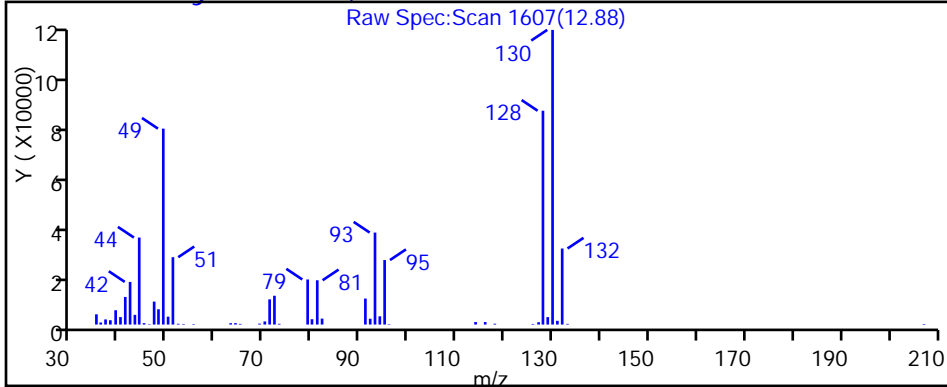
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

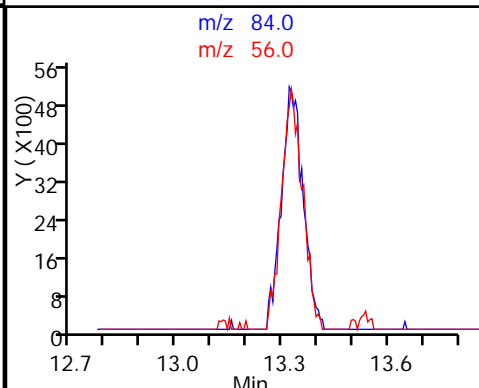
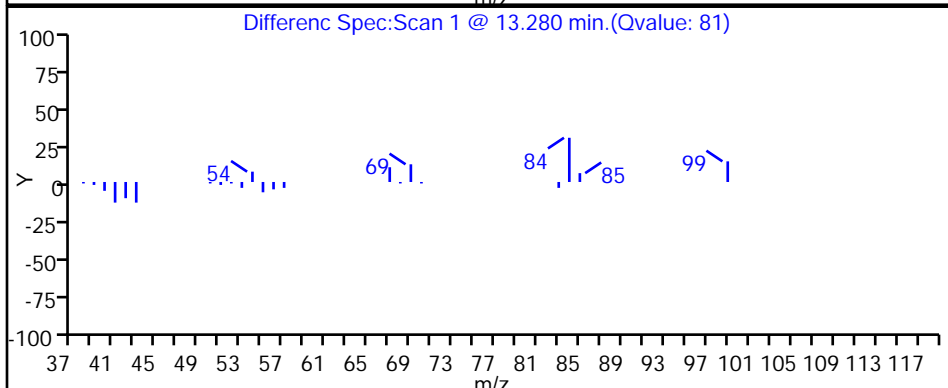
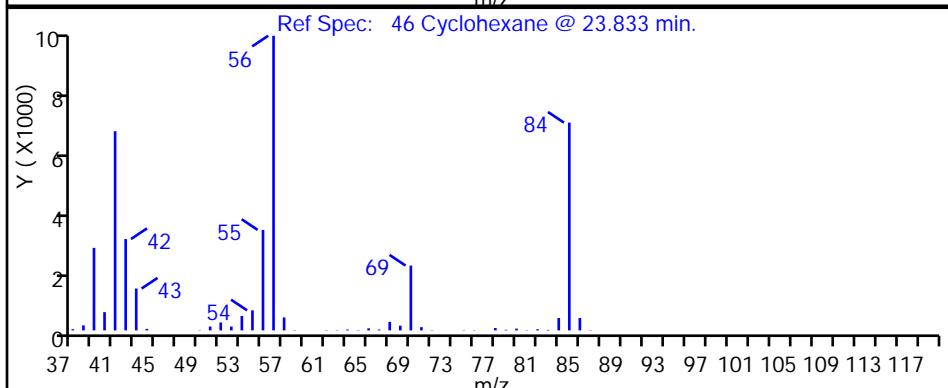
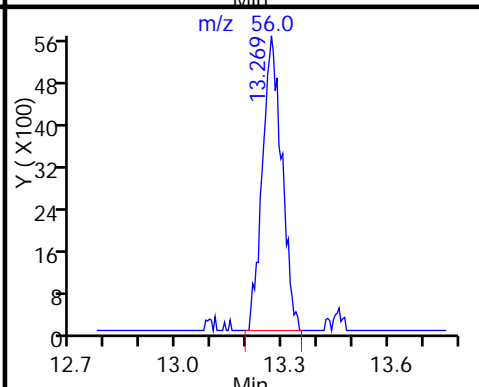
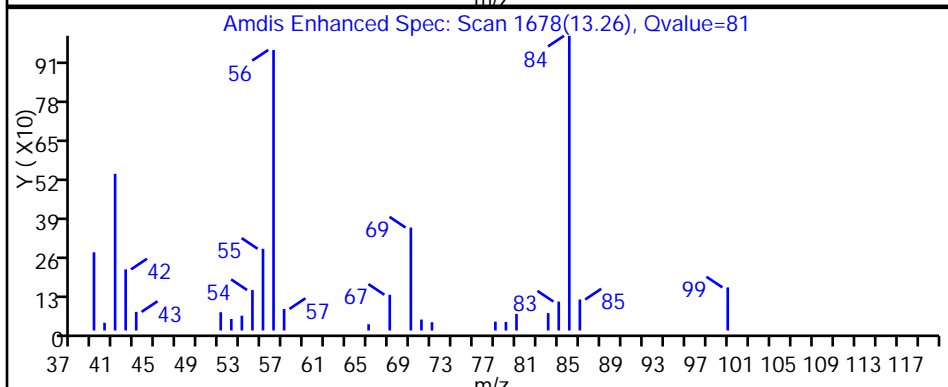
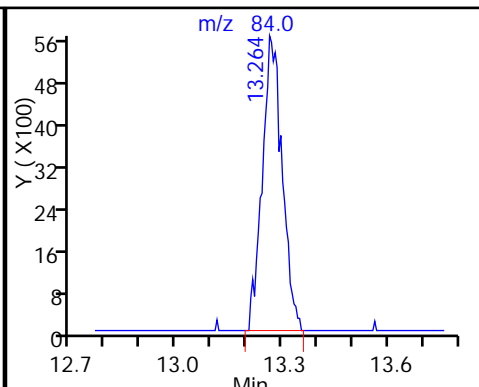
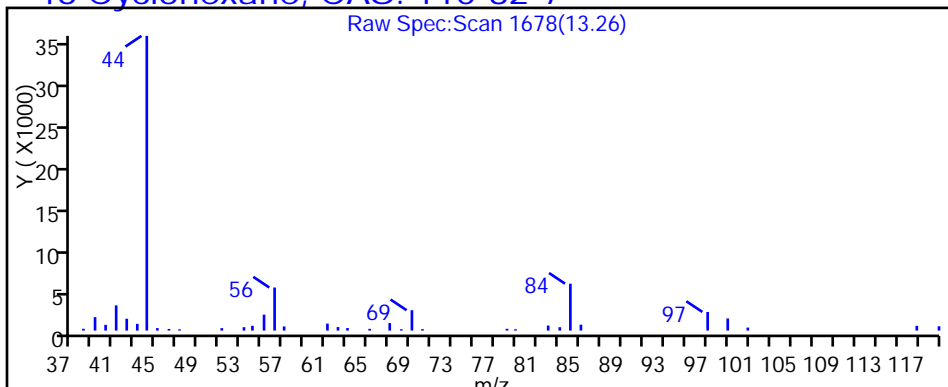
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

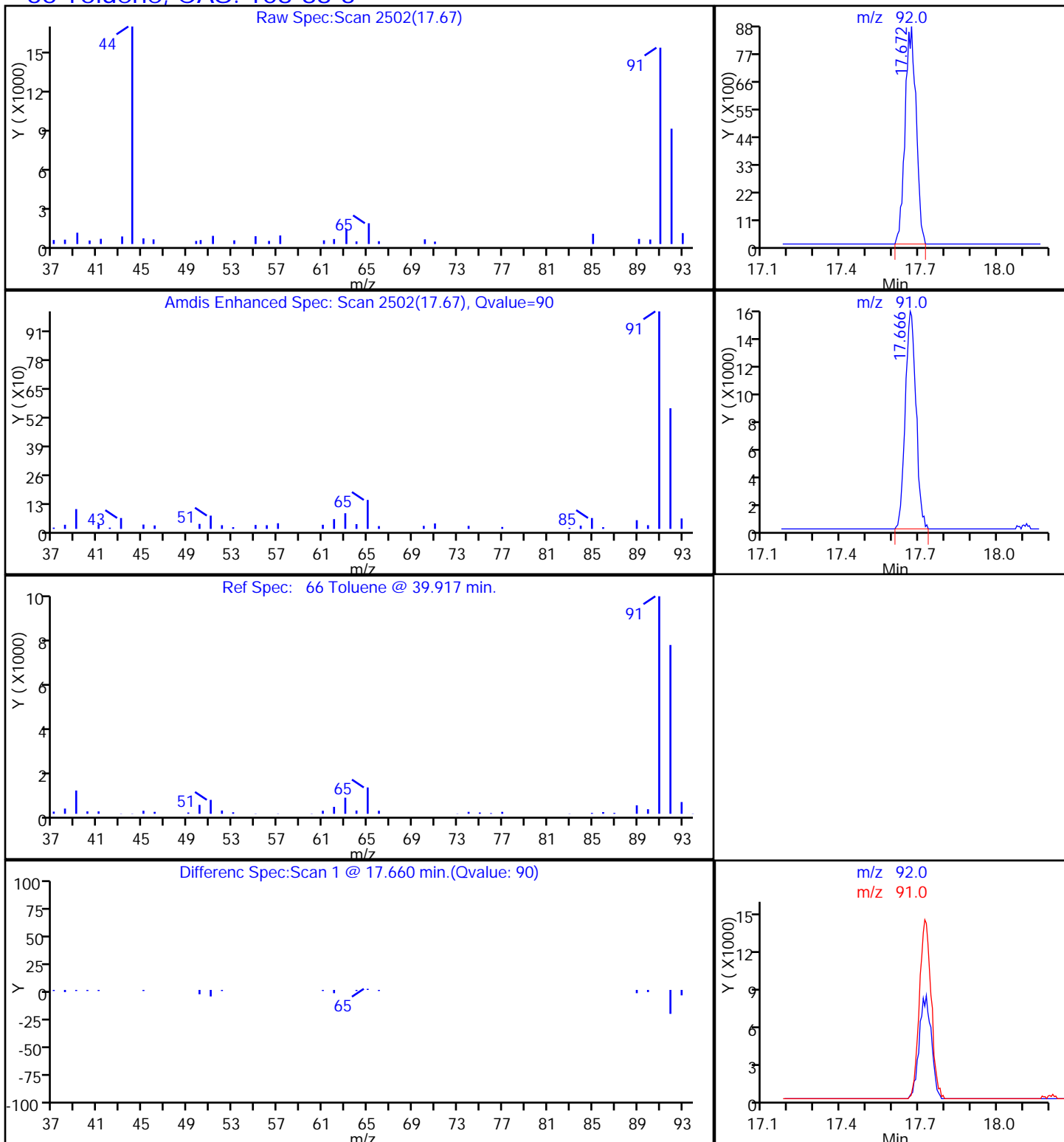
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d

Injection Date: 24-Feb-2014 22:28:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-25

Lab Sample ID: 200-20955-25

Client ID: SS-VMP-7

Operator ID: bl

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 200.000 mL

Dil. Factor: 8.0000

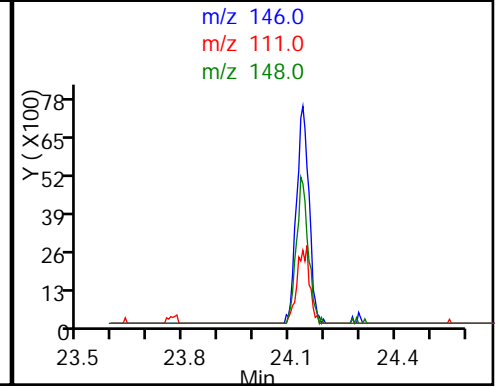
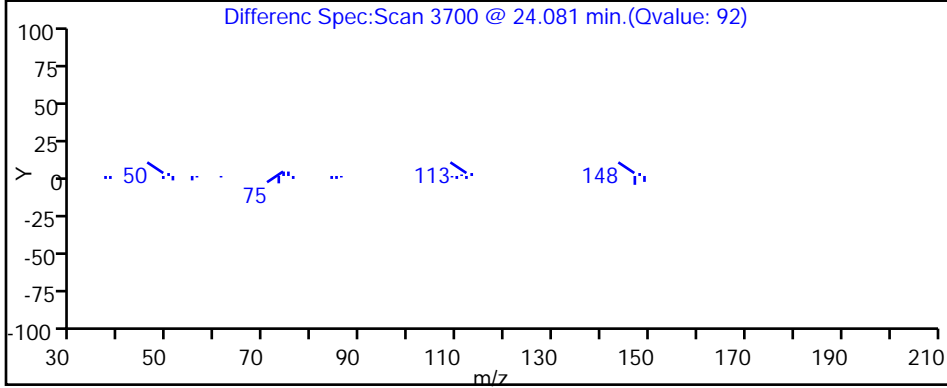
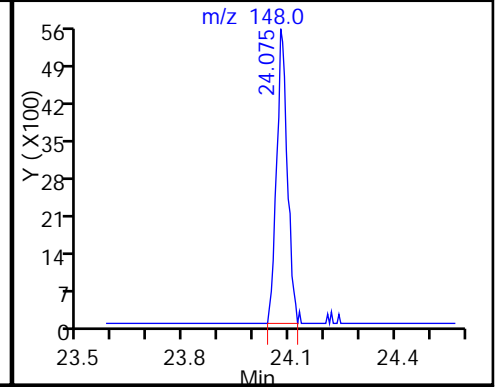
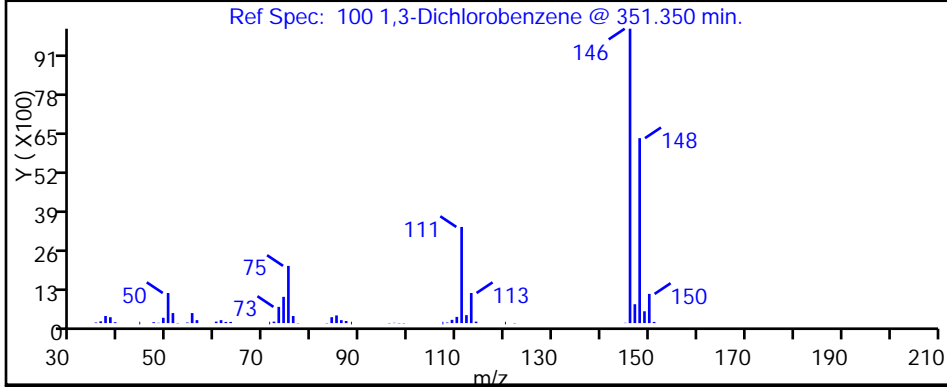
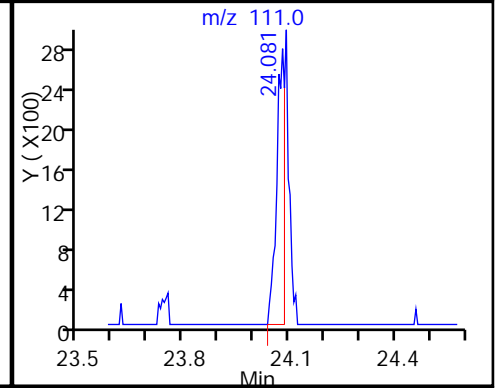
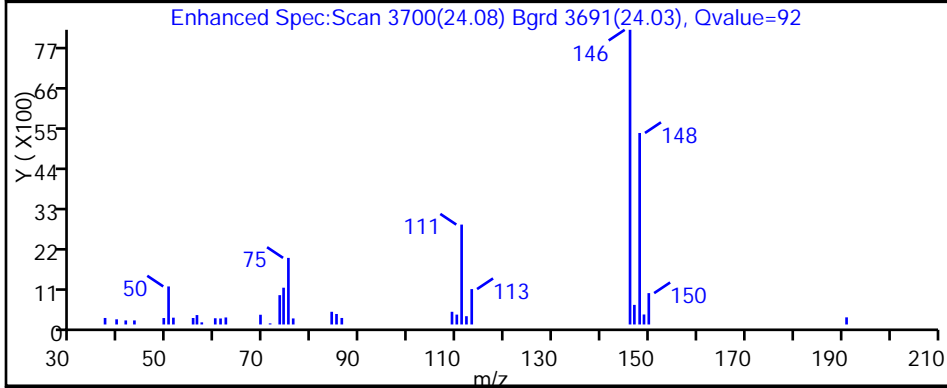
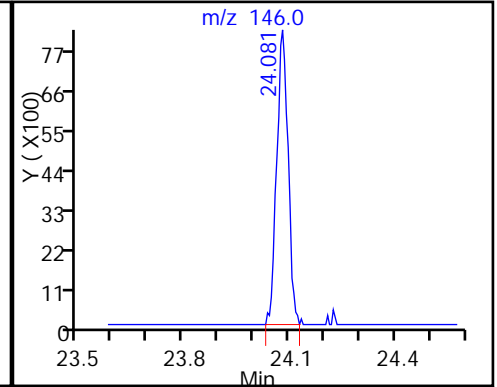
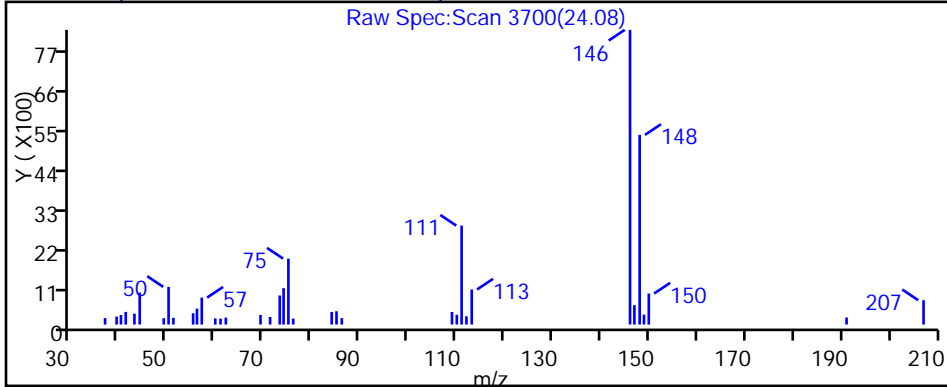
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



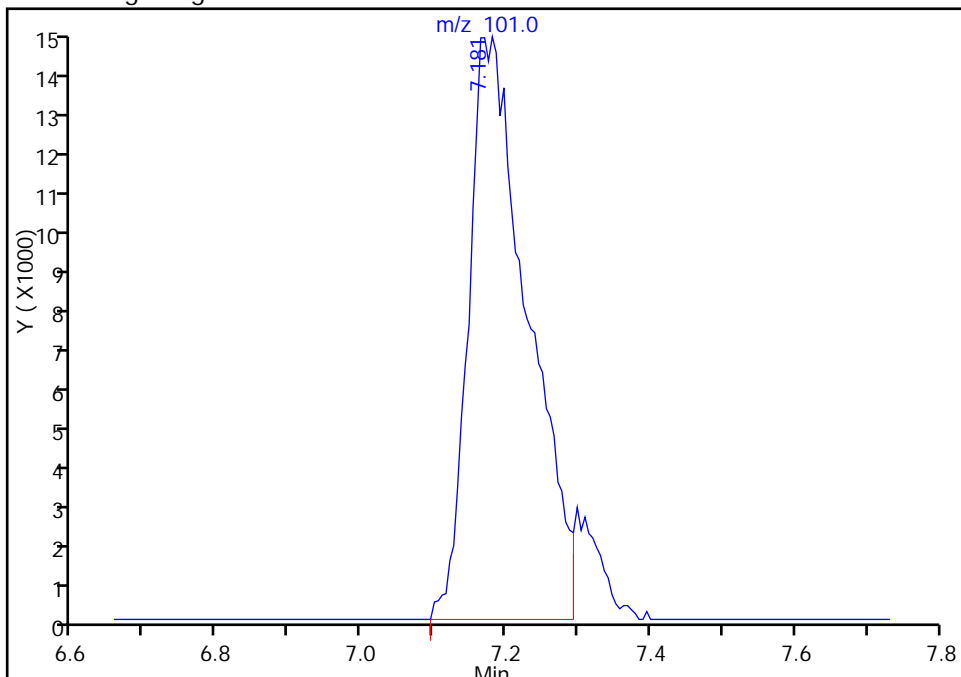
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d
Injection Date: 24-Feb-2014 22:28:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-25 Lab Sample ID: 200-20955-25
Client ID: SS-VMP-7
Operator ID: bl ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 8.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

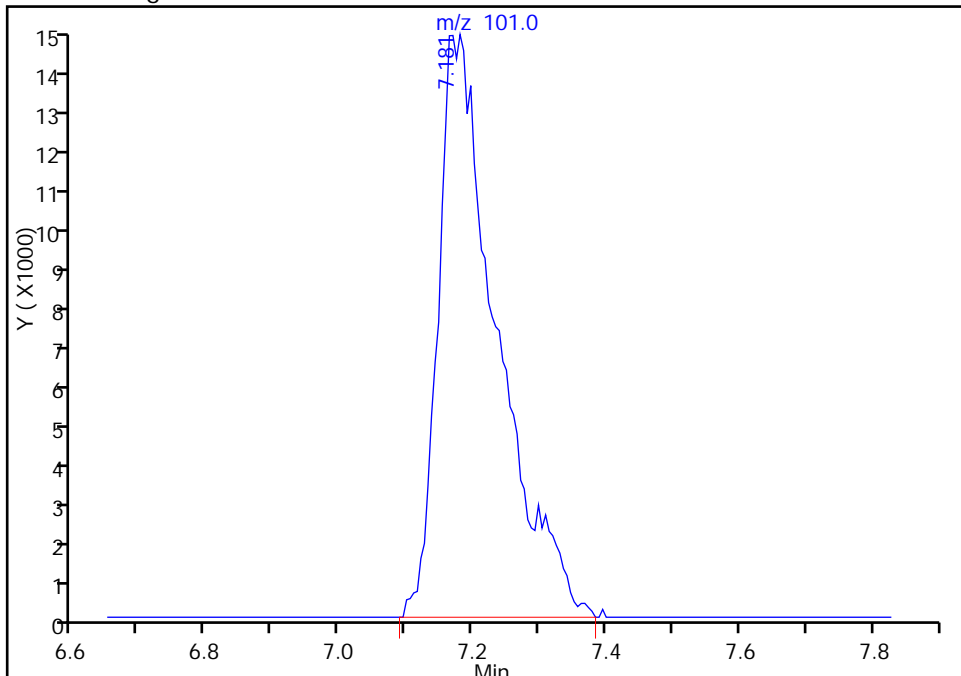
RT: 7.18
Response: 85328
Amount: 0.450753

Processing Integration Results



RT: 7.18
Response: 91865
Amount: 0.485286

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:23:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

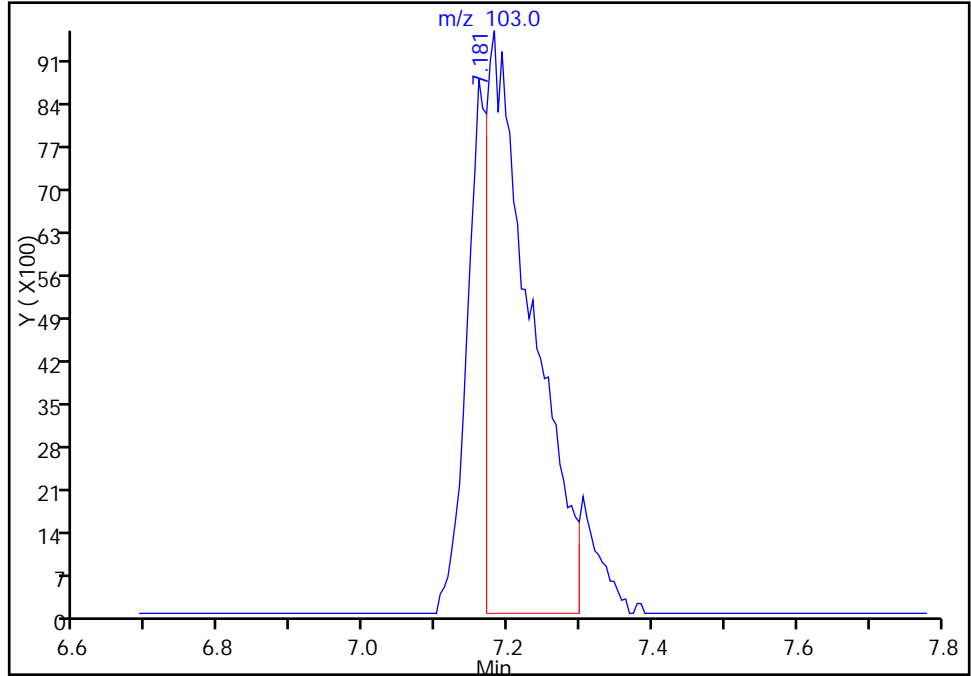
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d
Injection Date: 24-Feb-2014 22:28:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-25 Lab Sample ID: 200-20955-25
Client ID: SS-VMP-7
Operator ID: bl ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 8.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

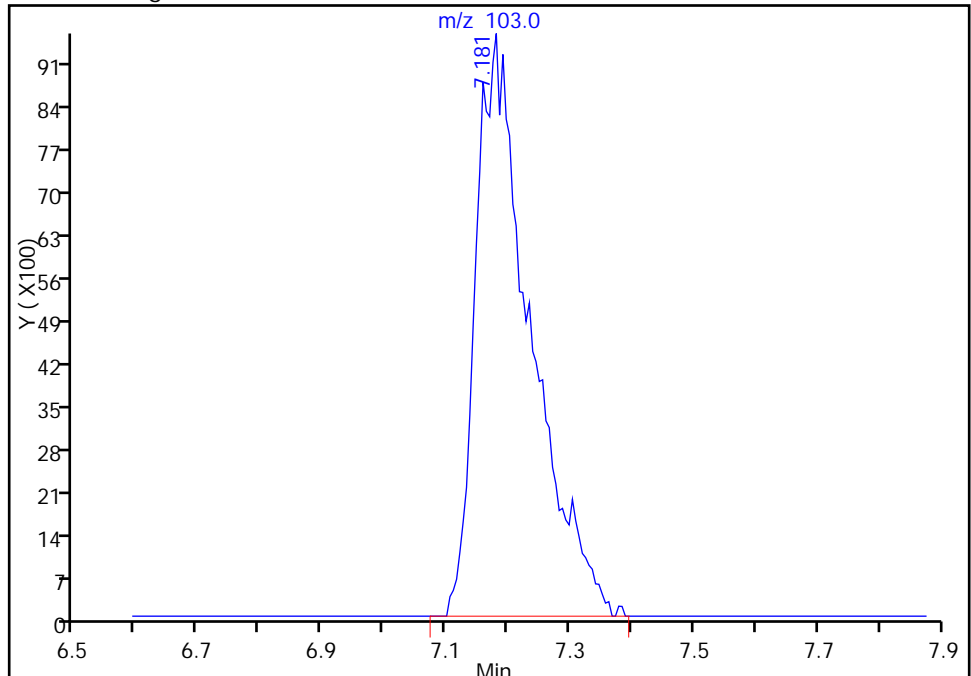
RT: 7.18
Response: 41118
Amount: 0.450753

Processing Integration Results



RT: 7.18
Response: 58861
Amount: 0.485286

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:23:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

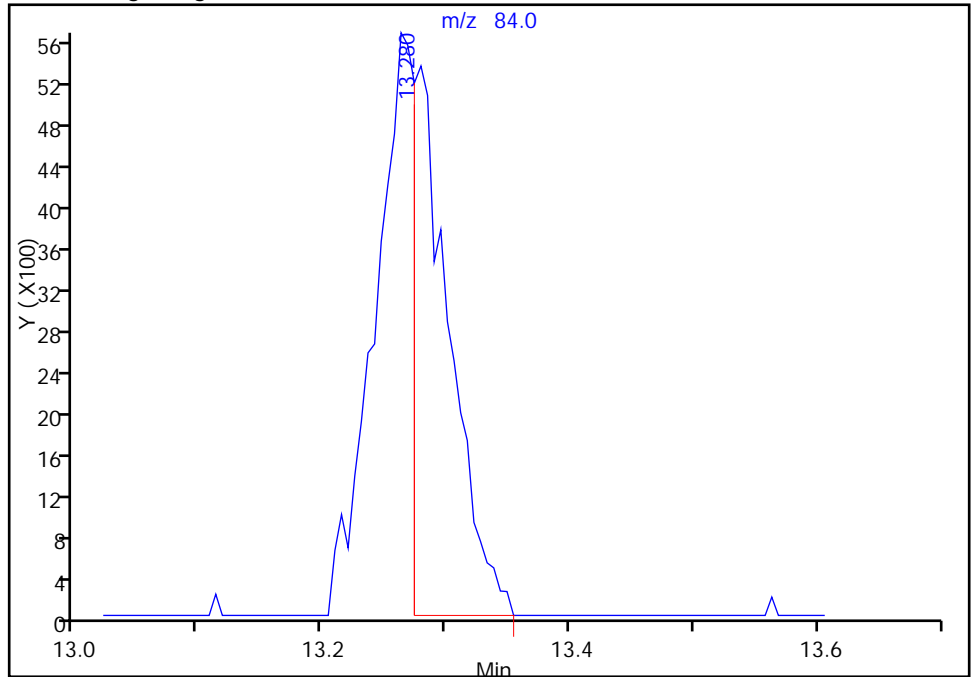
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d
Injection Date: 24-Feb-2014 22:28:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-25 Lab Sample ID: 200-20955-25
Client ID: SS-VMP-7
Operator ID: bl ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 8.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

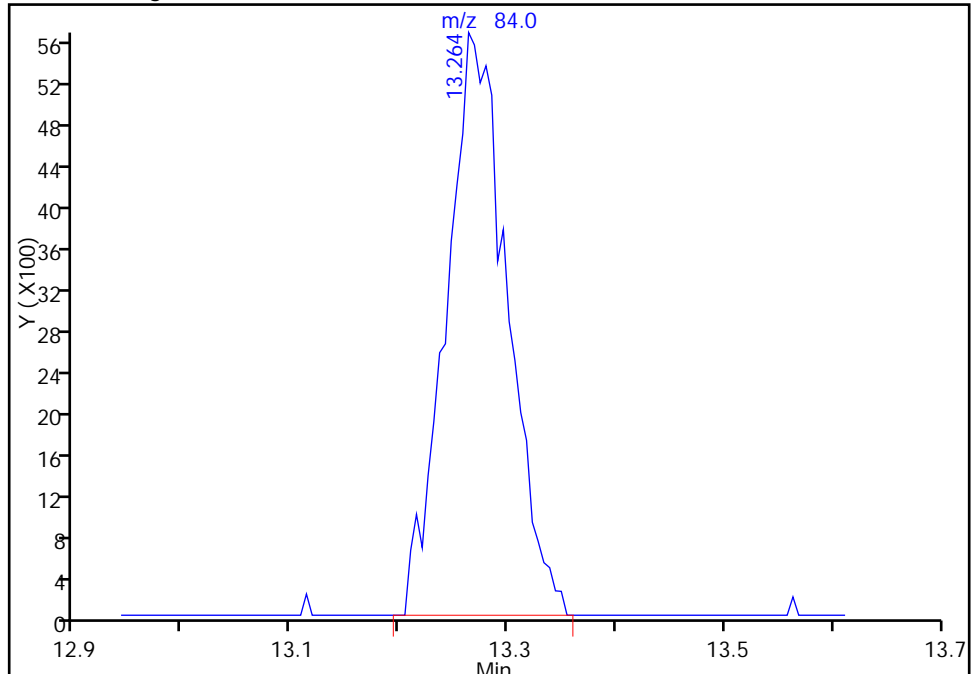
RT: 13.28
Response: 11175
Amount: 0.172483

Processing Integration Results



RT: 13.26
Response: 22216
Amount: 0.342899

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:41:28
Audit Action: Manually Integrated
Audit Reason: Baseline Event

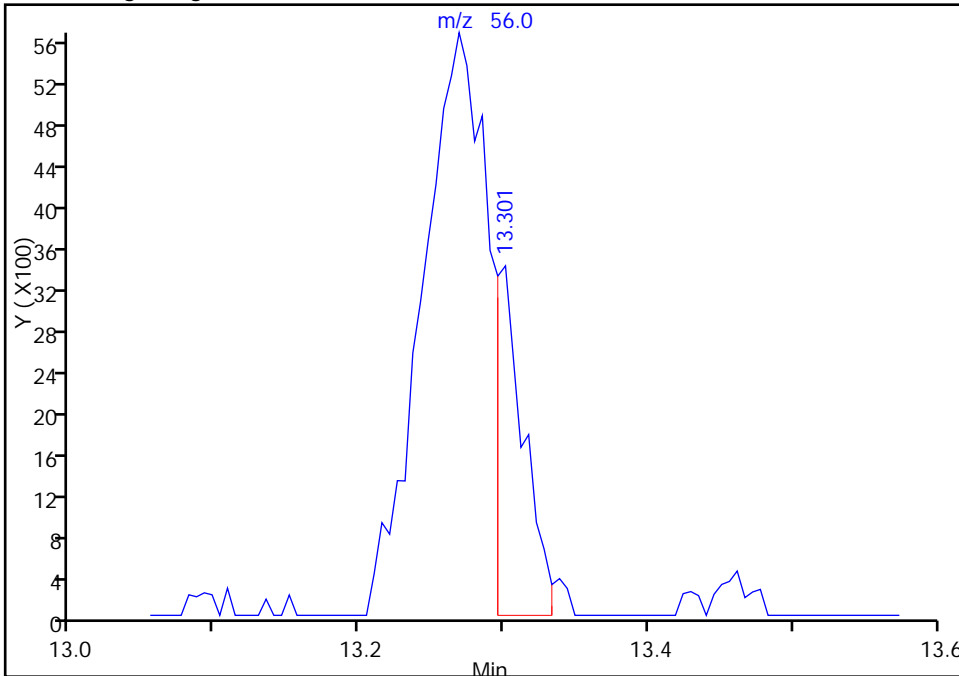
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_014.d
Injection Date: 24-Feb-2014 22:28:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-25 Lab Sample ID: 200-20955-25
Client ID: SS-VMP-7
Operator ID: bl ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 8.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

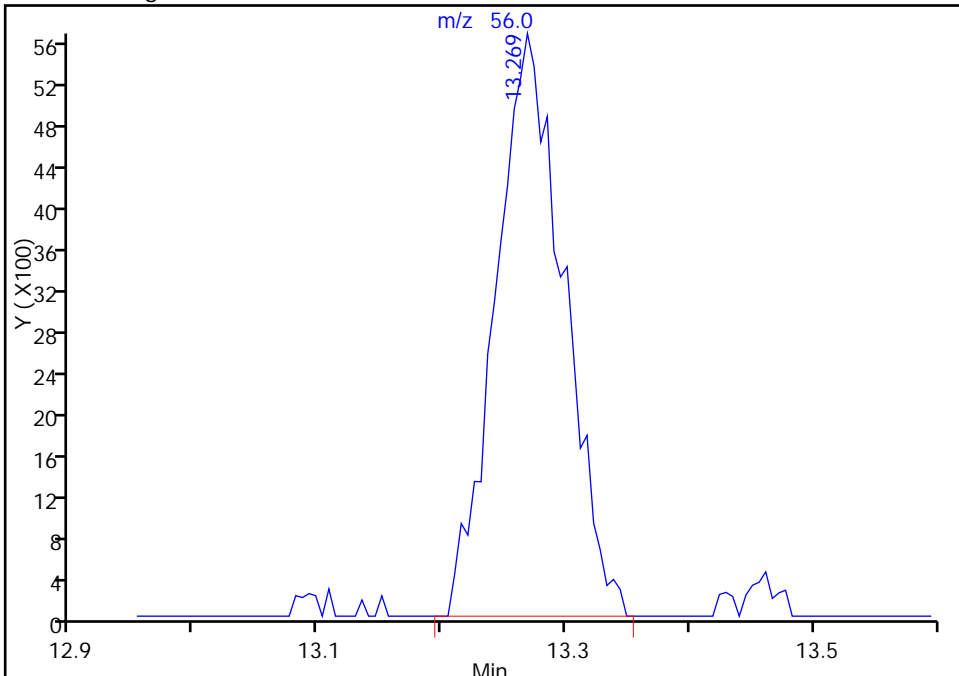
RT: 13.30
Response: 4598
Amount: 0.172483

Processing Integration Results



RT: 13.27
Response: 21451
Amount: 0.342899

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:41:28
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7A Lab Sample ID: 200-20955-28
 Matrix: Air Lab File ID: 6282_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:06
 Sample wt/vol: 51(mL) Date Analyzed: 02/24/2014 23:16
 Soil Aliquot Vol: _____ Dilution Factor: 7.49
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	3.7	U	3.7	0.22
75-45-6	Freon 22	86.47	3.7	U	3.7	0.36
76-14-2	Freon-114	170.92	1.5	U	1.5	0.26
74-87-3	Chloromethane	50.49	3.7	U	3.7	1.0
106-97-8	n-Butane	58.12	3.7	U	3.7	2.1
75-01-4	Vinyl chloride	62.50	0.30	U	0.30	0.28
106-99-0	1,3-Butadiene	54.09	1.5	U	1.5	0.31
74-83-9	Bromomethane	94.94	1.5	U	1.5	0.21
75-00-3	Chloroethane	64.52	3.7	U	3.7	0.22
593-60-2	Vinyl bromide	106.96	1.5	U	1.5	0.22
75-69-4	Freon 11	137.37	1.5	U	1.5	0.22
76-13-1	Freon 113	187.38	0.44	J	1.5	0.13
75-35-4	1,1-Dichloroethene	96.94	1.5	U	1.5	0.18
67-64-1	Acetone	58.08	19	J	37	9.4
67-63-0	Isopropyl alcohol	60.10	690	E	37	1.6
75-15-0	Carbon disulfide	76.14	3.7	U	3.7	0.49
107-05-1	Allyl chloride	76.53	3.7	U	3.7	0.25
75-09-2	Methylene Chloride	84.93	130		3.7	0.94
75-65-0	tert-Butyl alcohol	74.12	37	U	37	2.5
1634-04-4	Methyl tert-butyl ether	88.15	1.5	U	1.5	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	1.5	U	1.5	0.22
110-54-3	Hexane	86.17	1.5	U	1.5	0.25
75-34-3	1,1-Dichloroethane	98.96	0.37	J	1.5	0.28
78-93-3	Methyl Ethyl Ketone	72.11	17		3.7	1.8
156-59-2	cis-1,2-Dichloroethene	96.94	1.5	U	1.5	0.28
540-59-0	1,2-Dichloroethene, Total	96.94	1.5	U	1.5	0.48
67-66-3	Chloroform	119.38	9.1		1.5	0.19
109-99-9	Tetrahydrofuran	72.11	37	U	37	0.34
71-55-6	1,1,1-Trichloroethane	133.41	1.3	J	1.5	0.16
110-82-7	Cyclohexane	84.16	2.0		1.5	0.19
56-23-5	Carbon tetrachloride	153.81	0.30	U	0.30	0.16
540-84-1	2,2,4-Trimethylpentane	114.23	1.5	U	1.5	0.20
71-43-2	Benzene	78.11	1.5	U	1.5	0.14
107-06-2	1,2-Dichloroethane	98.96	1.5	U	1.5	0.13
142-82-5	Heptane	100.21	1.5	U	1.5	0.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7A Lab Sample ID: 200-20955-28
 Matrix: Air Lab File ID: 6282_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:06
 Sample wt/vol: 51(mL) Date Analyzed: 02/24/2014 23:16
 Soil Aliquot Vol: _____ Dilution Factor: 7.49
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.7		0.30	0.18
80-62-6	Methyl methacrylate	100.12	3.7	U	3.7	0.22
78-87-5	1,2-Dichloropropane	112.99	1.5	U	1.5	0.24
123-91-1	1,4-Dioxane	88.11	37	U	37	1.5
75-27-4	Bromodichloromethane	163.83	1.5	U	1.5	0.13
10061-01-5	cis-1,3-Dichloropropene	110.97	1.5	U	1.5	0.21
108-10-1	methyl isobutyl ketone	100.16	3.7	U	3.7	0.20
108-88-3	Toluene	92.14	1.2	J	1.5	0.13
10061-02-6	trans-1,3-Dichloropropene	110.97	1.5	U	1.5	0.16
79-00-5	1,1,2-Trichloroethane	133.41	1.5	U	1.5	0.13
127-18-4	Tetrachloroethene	165.83	1.5	U	1.5	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.7	U	3.7	1.5
124-48-1	Dibromochloromethane	208.29	1.5	U	1.5	0.15
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	1.5	U	1.5	0.061
100-41-4	Ethylbenzene	106.17	1.5	U	1.5	0.097
179601-23-1	m,p-Xylene	106.17	3.7	U	3.7	0.17
95-47-6	Xylene, o-	106.17	1.5	U	1.5	0.12
1330-20-7	Xylene (total)	106.17	1.5	U	1.5	0.25
100-42-5	Styrene	104.15	1.5	U	1.5	0.13
75-25-2	Bromoform	252.75	1.5	U	1.5	0.075
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.5	U	1.5	0.12
103-65-1	n-Propylbenzene	120.19	1.5	U	1.5	0.60
622-96-8	4-Ethyltoluene	120.20	1.5	U	1.5	0.13
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5	U	1.5	0.090
95-49-8	2-Chlorotoluene	126.59	1.5	U	1.5	0.097
98-06-6	tert-Butylbenzene	134.22	1.5	U	1.5	0.13
95-63-6	1,2,4-Trimethylbenzene	120.20	1.5	U	1.5	0.10
135-98-8	sec-Butylbenzene	134.22	1.5	U	1.5	0.60
99-87-6	4-Isopropyltoluene	134.22	1.5	U	1.5	0.60
541-73-1	1,3-Dichlorobenzene	147.00	0.72	J B	1.5	0.10
106-46-7	1,4-Dichlorobenzene	147.00	1.5	U	1.5	0.10
100-44-7	Benzyl chloride	126.58	1.5	U	1.5	0.60
104-51-8	n-Butylbenzene	134.22	1.5	U	1.5	0.60

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7A Lab Sample ID: 200-20955-28
 Matrix: Air Lab File ID: 6282_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:06
 Sample wt/vol: 51(mL) Date Analyzed: 02/24/2014 23:16
 Soil Aliquot Vol.: _____ Dilution Factor: 7.49
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.5	U	1.5	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	1.5	U	1.5	0.16
91-20-3	Naphthalene	128.17	3.7	U	3.7	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7A Lab Sample ID: 200-20955-28
 Matrix: Air Lab File ID: 6282_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:06
 Sample wt/vol: 51(mL) Date Analyzed: 02/24/2014 23:16
 Soil Aliquot Vol: _____ Dilution Factor: 7.49
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	19	U	19	1.1
75-45-6	Freon 22	86.47	13	U	13	1.3
76-14-2	Freon-114	170.92	10	U	10	1.8
74-87-3	Chloromethane	50.49	7.7	U	7.7	2.1
106-97-8	n-Butane	58.12	8.9	U	8.9	5.0
75-01-4	Vinyl chloride	62.50	0.77	U	0.77	0.73
106-99-0	1,3-Butadiene	54.09	3.3	U	3.3	0.70
74-83-9	Bromomethane	94.94	5.8	U	5.8	0.81
75-00-3	Chloroethane	64.52	9.9	U	9.9	0.59
593-60-2	Vinyl bromide	106.96	6.6	U	6.6	0.98
75-69-4	Freon 11	137.37	8.4	U	8.4	1.3
76-13-1	Freon 113	187.38	3.4	J	11	1.0
75-35-4	1,1-Dichloroethene	96.94	5.9	U	5.9	0.71
67-64-1	Acetone	58.08	45	J	89	22
67-63-0	Isopropyl alcohol	60.10	1700	E	92	4.0
75-15-0	Carbon disulfide	76.14	12	U	12	1.5
107-05-1	Allyl chloride	76.53	12	U	12	0.80
75-09-2	Methylene Chloride	84.93	460		13	3.3
75-65-0	tert-Butyl alcohol	74.12	110	U	110	7.4
1634-04-4	Methyl tert-butyl ether	88.15	5.4	U	5.4	0.59
156-60-5	trans-1,2-Dichloroethene	96.94	5.9	U	5.9	0.86
110-54-3	Hexane	86.17	5.3	U	5.3	0.90
75-34-3	1,1-Dichloroethane	98.96	1.5	J	6.1	1.2
78-93-3	Methyl Ethyl Ketone	72.11	49		11	5.3
156-59-2	cis-1,2-Dichloroethene	96.94	5.9	U	5.9	1.1
540-59-0	1,2-Dichloroethene, Total	96.94	5.9	U	5.9	1.9
67-66-3	Chloroform	119.38	44		7.3	0.91
109-99-9	Tetrahydrofuran	72.11	110	U	110	1.0
71-55-6	1,1,1-Trichloroethane	133.41	7.0	J	8.2	0.86
110-82-7	Cyclohexane	84.16	7.0		5.2	0.64
56-23-5	Carbon tetrachloride	153.81	1.9	U	1.9	0.99
540-84-1	2,2,4-Trimethylpentane	114.23	7.0	U	7.0	0.94
71-43-2	Benzene	78.11	4.8	U	4.8	0.45
107-06-2	1,2-Dichloroethane	98.96	6.1	U	6.1	0.52
142-82-5	Heptane	100.21	6.1	U	6.1	1.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7A Lab Sample ID: 200-20955-28
 Matrix: Air Lab File ID: 6282_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:06
 Sample wt/vol: 51(mL) Date Analyzed: 02/24/2014 23:16
 Soil Aliquot Vol: _____ Dilution Factor: 7.49
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	14		1.6	0.97
80-62-6	Methyl methacrylate	100.12	15	U	15	0.92
78-87-5	1,2-Dichloropropane	112.99	6.9	U	6.9	1.1
123-91-1	1,4-Dioxane	88.11	130	U	130	5.4
75-27-4	Bromodichloromethane	163.83	10	U	10	0.85
10061-01-5	cis-1,3-Dichloropropene	110.97	6.8	U	6.8	0.95
108-10-1	methyl isobutyl ketone	100.16	15	U	15	0.83
108-88-3	Toluene	92.14	4.4	J	5.6	0.48
10061-02-6	trans-1,3-Dichloropropene	110.97	6.8	U	6.8	0.75
79-00-5	1,1,2-Trichloroethane	133.41	8.2	U	8.2	0.69
127-18-4	Tetrachloroethene	165.83	10	U	10	0.81
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	15	U	15	6.1
124-48-1	Dibromochloromethane	208.29	13	U	13	1.3
106-93-4	1,2-Dibromoethane	187.87	12	U	12	1.2
108-90-7	Chlorobenzene	112.56	6.9	U	6.9	0.28
100-41-4	Ethylbenzene	106.17	6.5	U	6.5	0.42
179601-23-1	m,p-Xylene	106.17	16	U	16	0.75
95-47-6	Xylene, o-	106.17	6.5	U	6.5	0.52
1330-20-7	Xylene (total)	106.17	6.5	U	6.5	1.1
100-42-5	Styrene	104.15	6.4	U	6.4	0.57
75-25-2	Bromoform	252.75	15	U	15	0.77
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10	U	10	0.82
103-65-1	n-Propylbenzene	120.19	7.4	U	7.4	2.9
622-96-8	4-Ethyltoluene	120.20	7.4	U	7.4	0.66
108-67-8	1,3,5-Trimethylbenzene	120.20	7.4	U	7.4	0.44
95-49-8	2-Chlorotoluene	126.59	7.8	U	7.8	0.50
98-06-6	tert-Butylbenzene	134.22	8.2	U	8.2	0.70
95-63-6	1,2,4-Trimethylbenzene	120.20	7.4	U	7.4	0.52
135-98-8	sec-Butylbenzene	134.22	8.2	U	8.2	3.3
99-87-6	4-Isopropyltoluene	134.22	8.2	U	8.2	3.3
541-73-1	1,3-Dichlorobenzene	147.00	4.4	J B	9.0	0.63
106-46-7	1,4-Dichlorobenzene	147.00	9.0	U	9.0	0.63
100-44-7	Benzyl chloride	126.58	7.8	U	7.8	3.1
104-51-8	n-Butylbenzene	134.22	8.2	U	8.2	3.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7A Lab Sample ID: 200-20955-28
 Matrix: Air Lab File ID: 6282_015.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 18:06
 Sample wt/vol: 51(mL) Date Analyzed: 02/24/2014 23:16
 Soil Aliquot Vol.: _____ Dilution Factor: 7.49
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.0	U	9.0	0.63
120-82-1	1,2,4-Trichlorobenzene	181.45	28	U	28	1.5
87-68-3	Hexachloro-1,3-butadiene	260.76	16	U	16	1.8
91-20-3	Naphthalene	128.17	20	U	20	7.9

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d
 Lims ID: 200-20955-A-28 Lab Sample ID: 200-20955-28
 Client ID: SS-VMP-7A
 Sample Type: Client
 Inject. Date: 24-Feb-2014 23:16:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 200.000 mL Dil. Factor: 7.4900
 Sample Info: 200-0006282-015
 Misc. Info.: 200-20955-a-28@7.49 cdf=1.91 51ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:42:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.460	8.433	0.027	62	7159	0.0590	
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.802	8.743	0.059	86	137493	2.50	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.118	9.027	0.091	97	4256088	92.5	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.749	9.727	0.022	81	670564	17.5	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57		10.648					
37 1,1-Dichloroethane	63	11.215	11.193	0.022	28	4228	0.0499	
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.408	12.386	0.022	96	51736	2.23	
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.873	12.857	0.016	69	378123	10.0	
45 Chloroform	83	12.980	12.964	0.016	99	153814	1.21	
46 Cyclohexane	84	13.280	13.258	0.022	71	17050	0.2696	
47 1,1,1-Trichloroethane	97	13.285	13.274	0.011	85	24724	0.1710	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	13.531		
	51			57	13.922		
	50			78	13.980		
	52			62	14.141		
	53			43	14.269		
*	54			114	14.756 14.745	0.011 92	1732186 10.0
	56			95	15.216 15.206	0.010 89	27644 0.3558
	58			63	15.730		
	59			69	15.810		
	60			88	15.901		
	62			83	16.217		
	64			75	17.083		
	65			43	17.319		
	66			92	17.667 17.656	0.011 89	17060 0.1543
	70			75	18.191		
	71			83	18.554		
	72			166	18.699		
	73			43	18.945		
	74			129	19.314		
	75			107	19.598		
S	82			106	20.100		
*	76			117	20.448 20.443	0.005 84	1525046 10.0
	77			112	20.496		
	78			91	20.614		
	80			106	20.833		
	83			106	21.545		
	84			104	21.582		
	85			173	21.957		
\$	87			95	22.444 22.444	0.0 97	1020323 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.081 24.081	0.0 92	20954 0.0967
	101			146	24.225		
	102			91	24.434		
	103			91	24.648		
	105			146	24.830		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Worklist Smp#: 15

Client ID: SS-VMP-7A

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

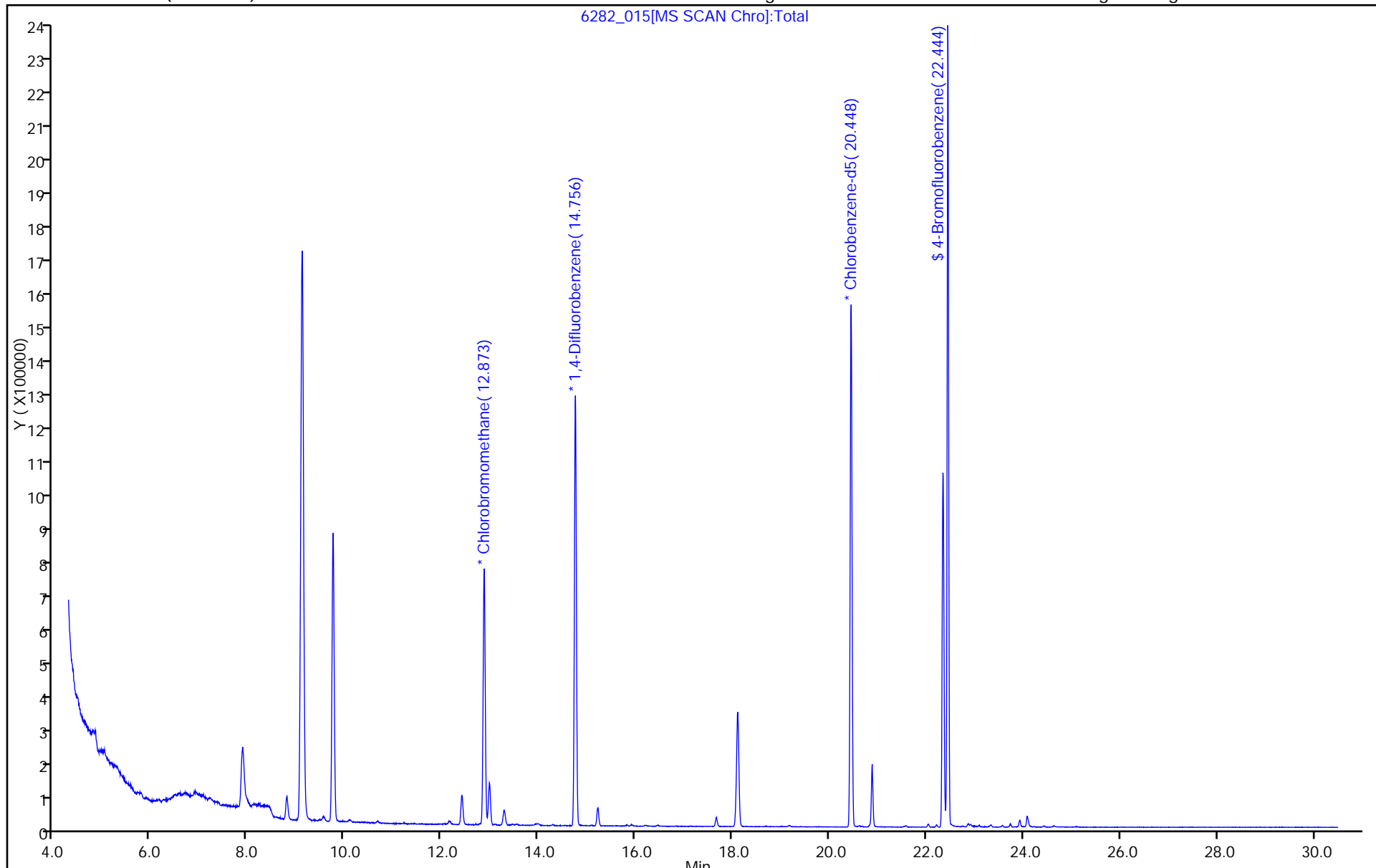
ALS Bottle#: 14

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

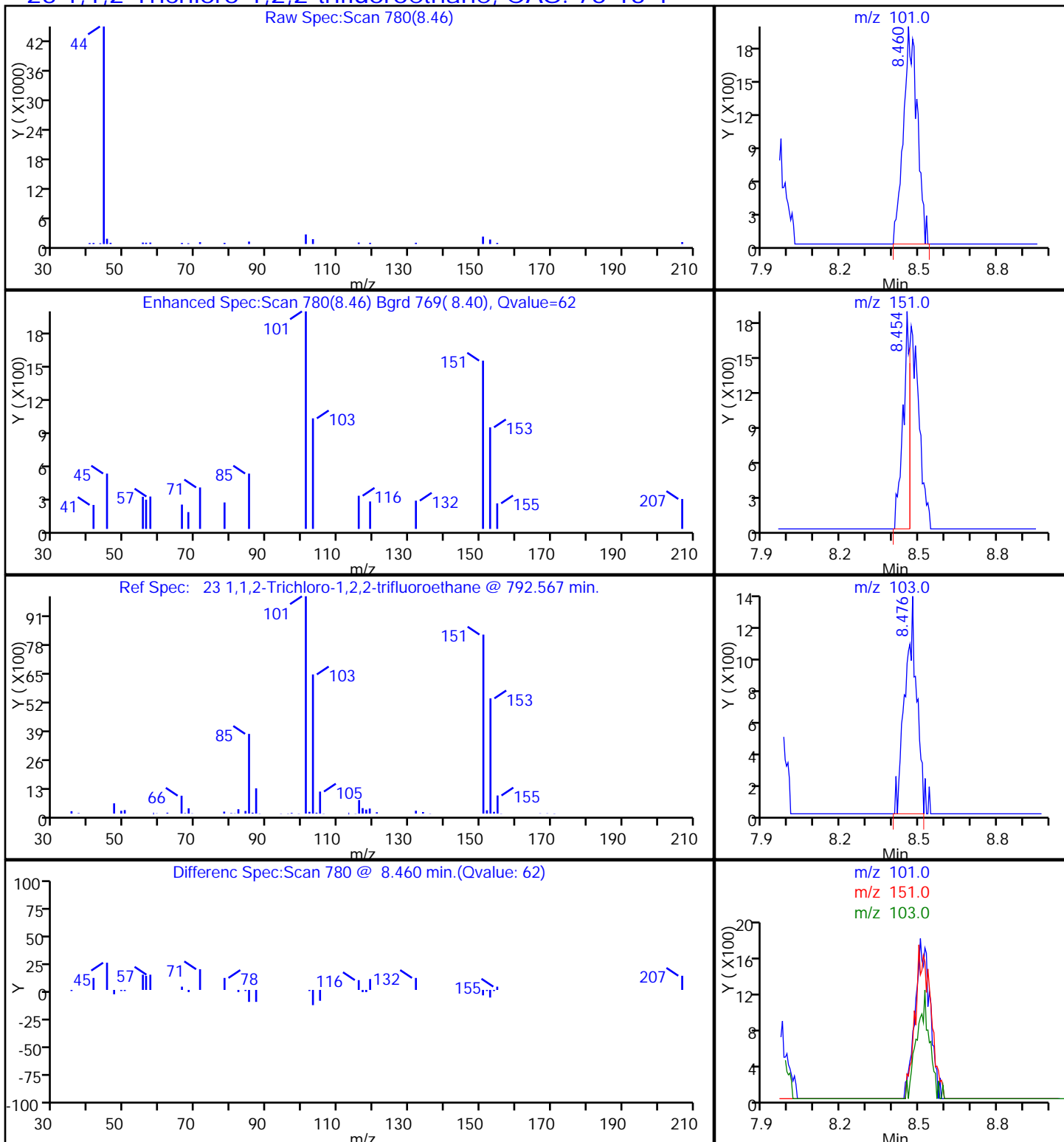
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

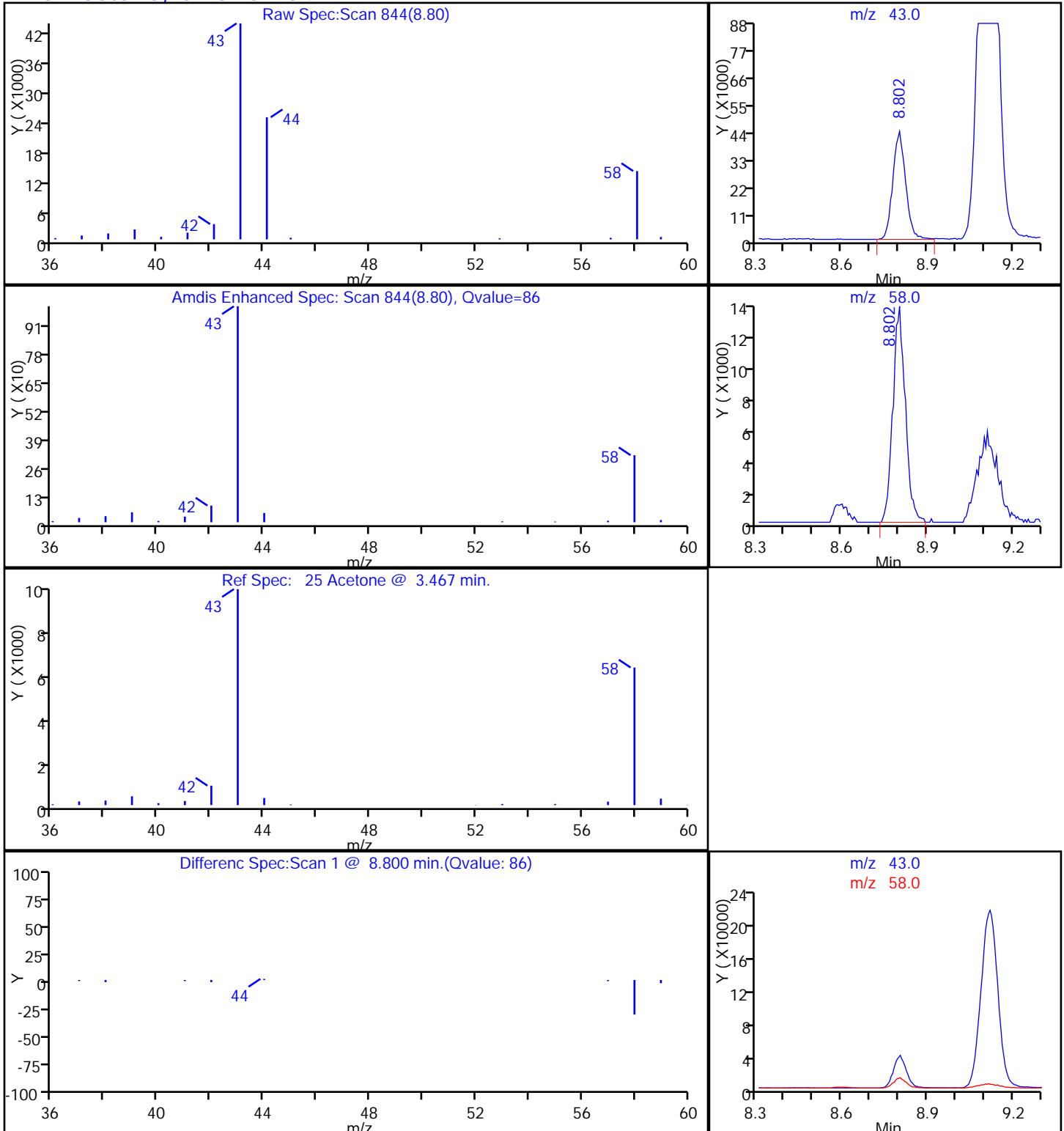
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

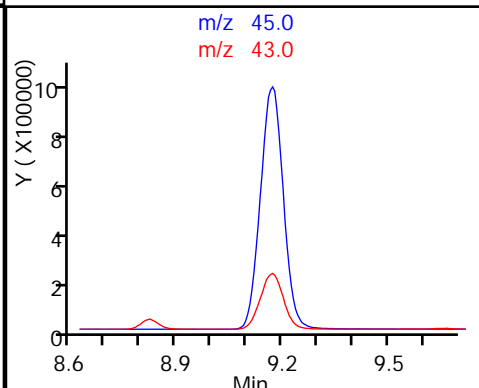
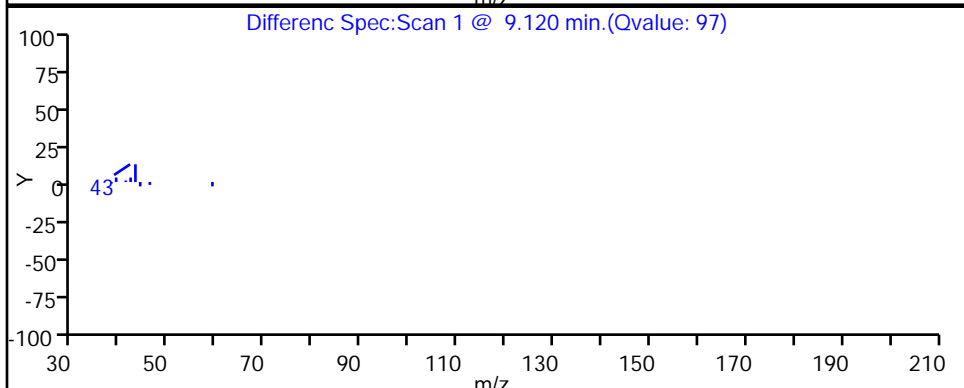
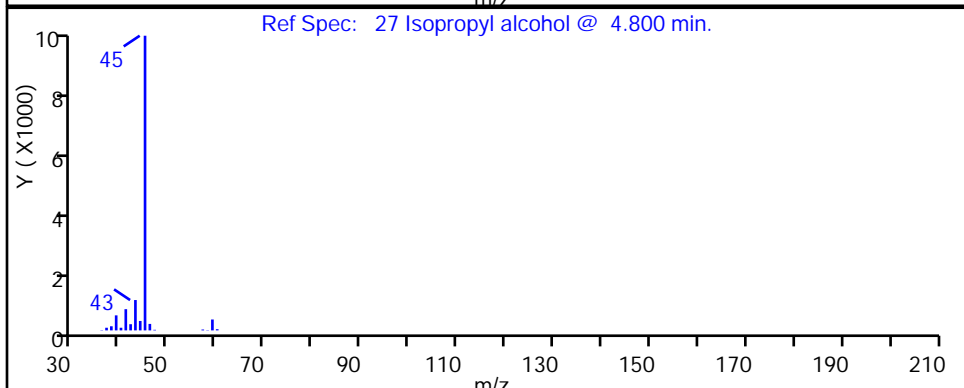
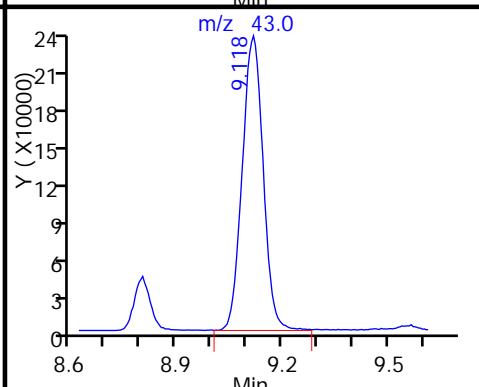
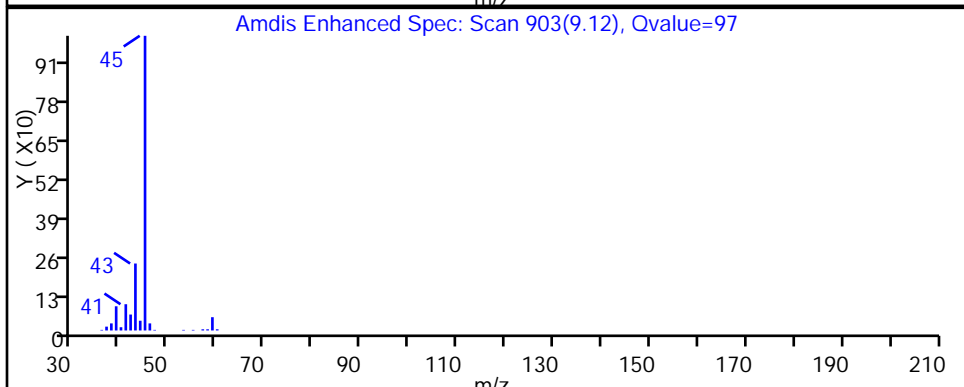
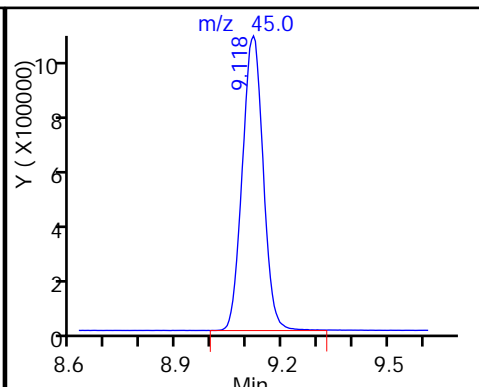
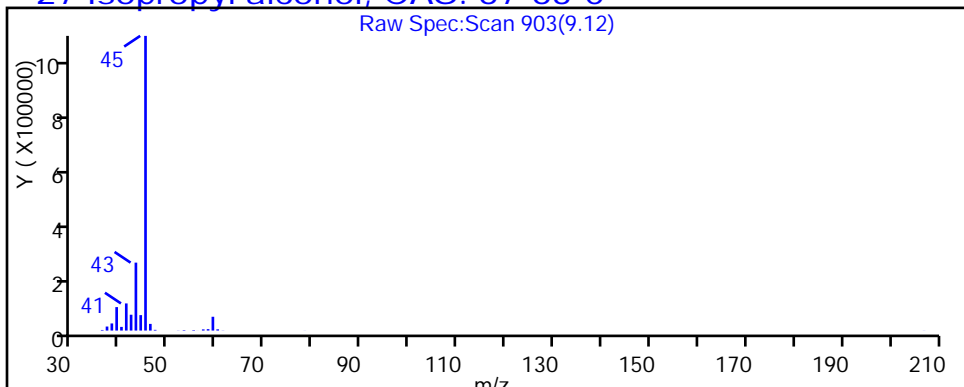
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

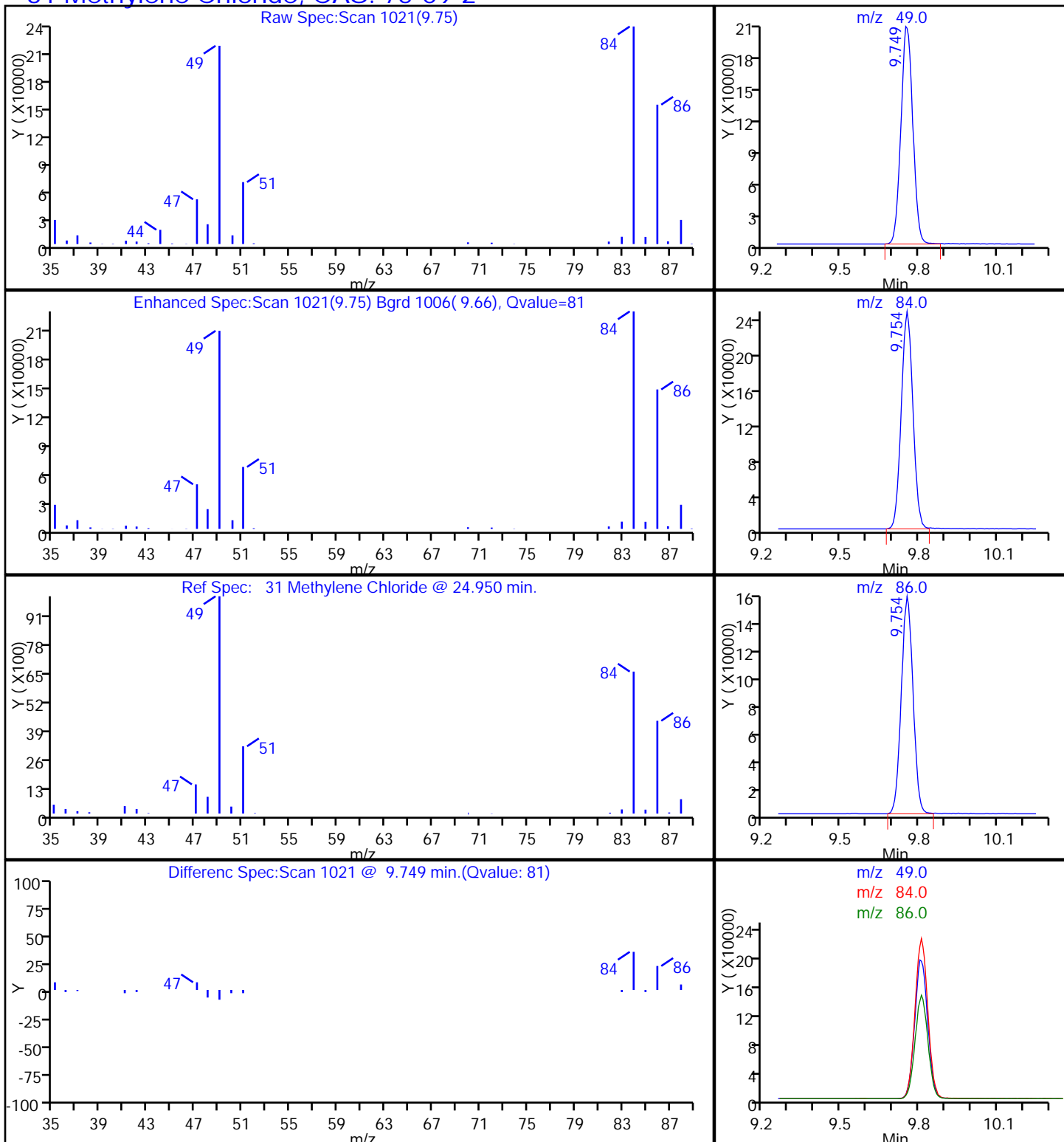
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

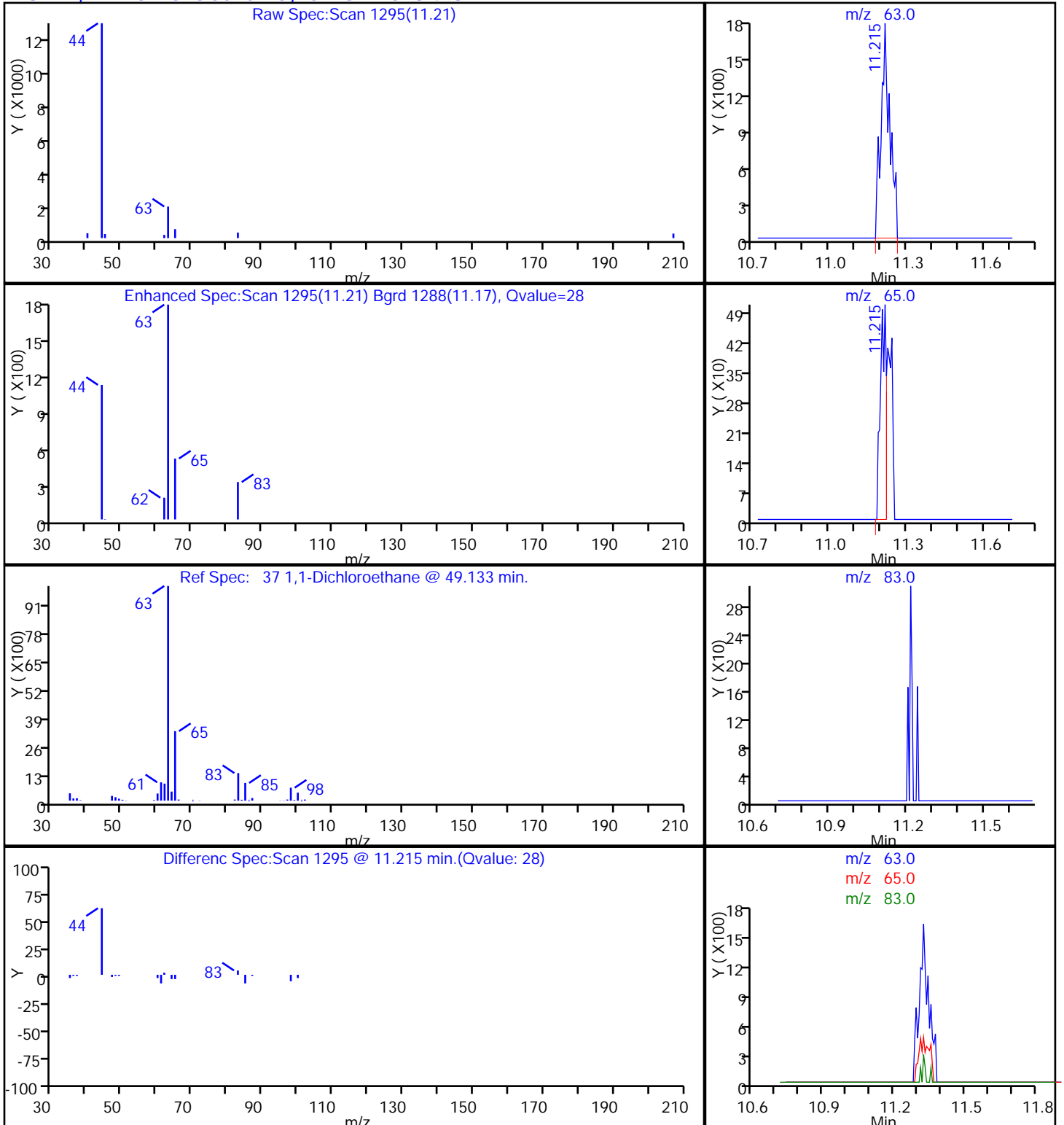
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

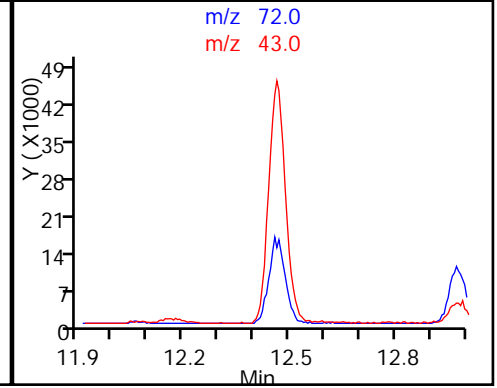
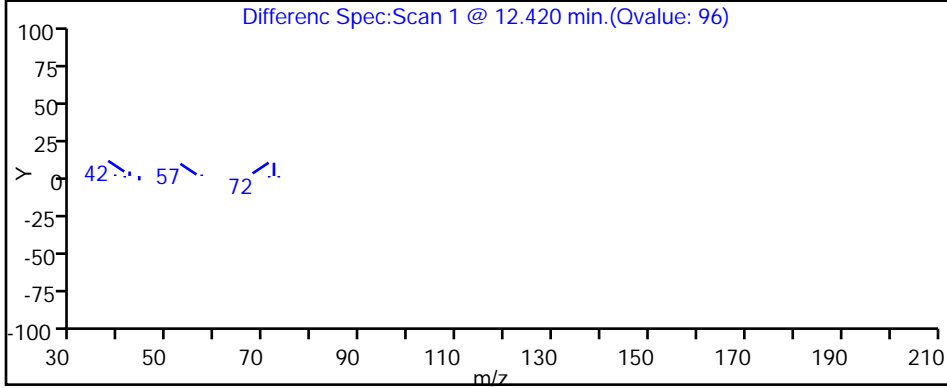
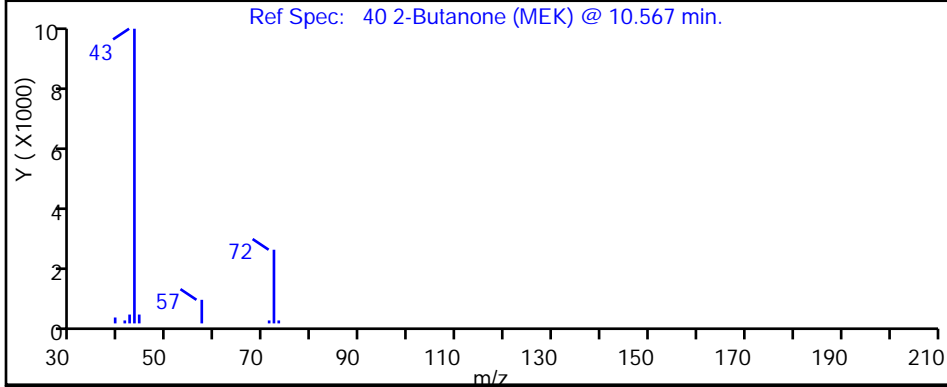
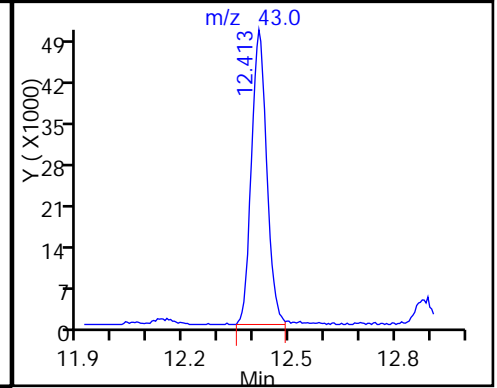
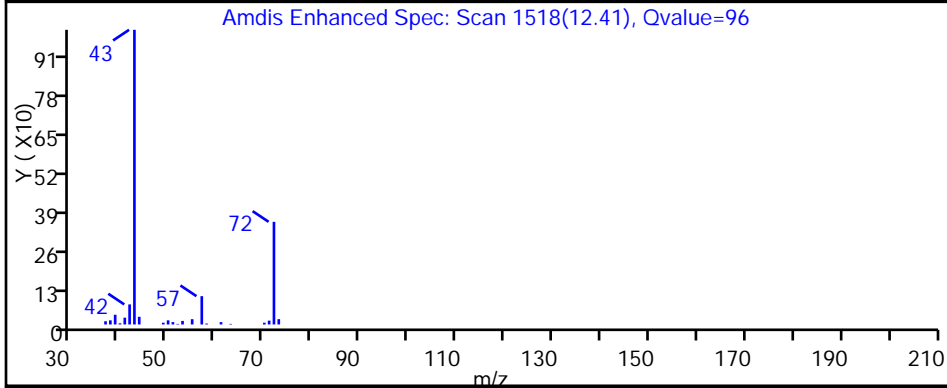
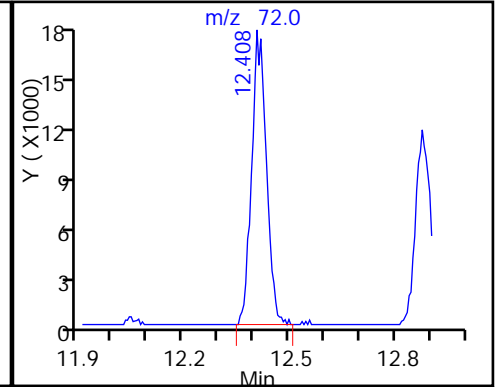
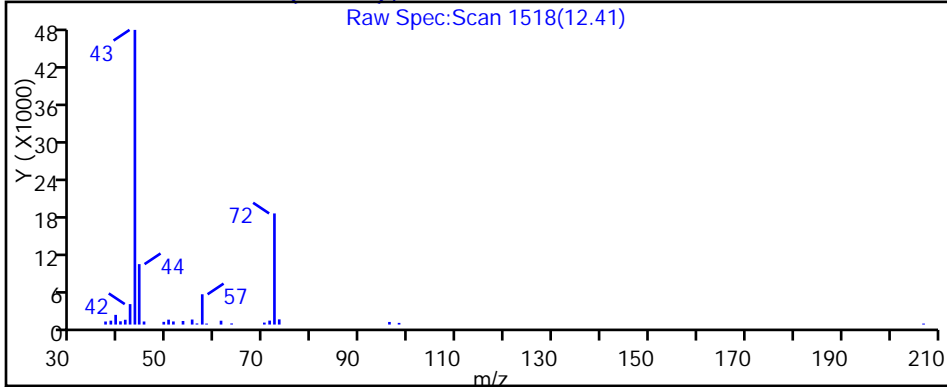
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

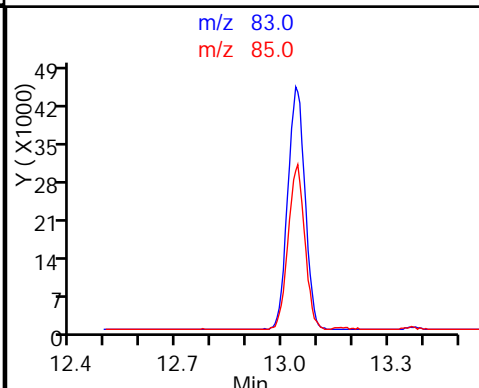
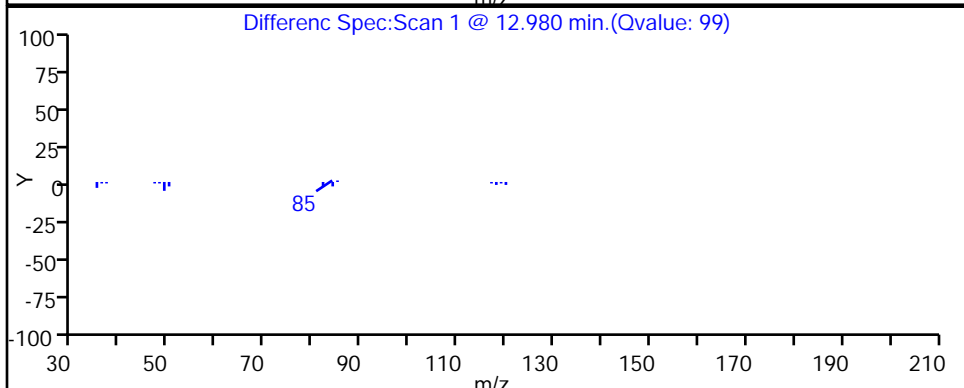
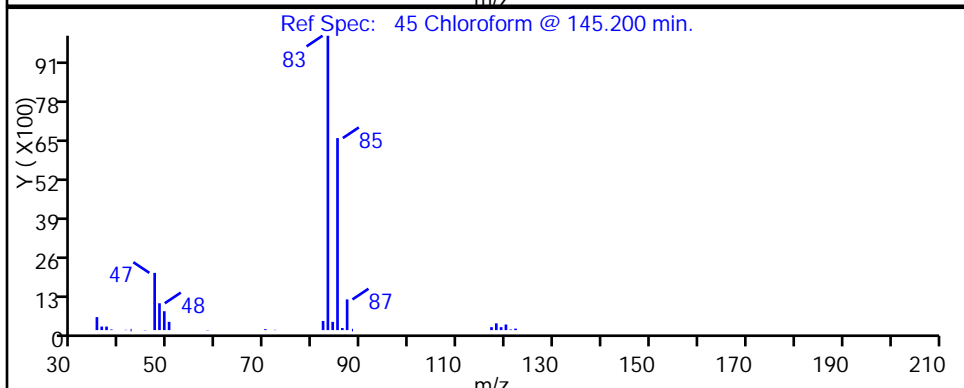
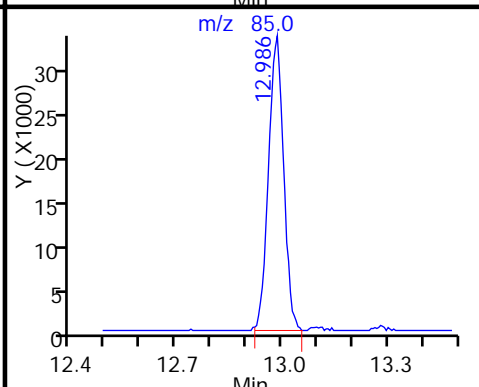
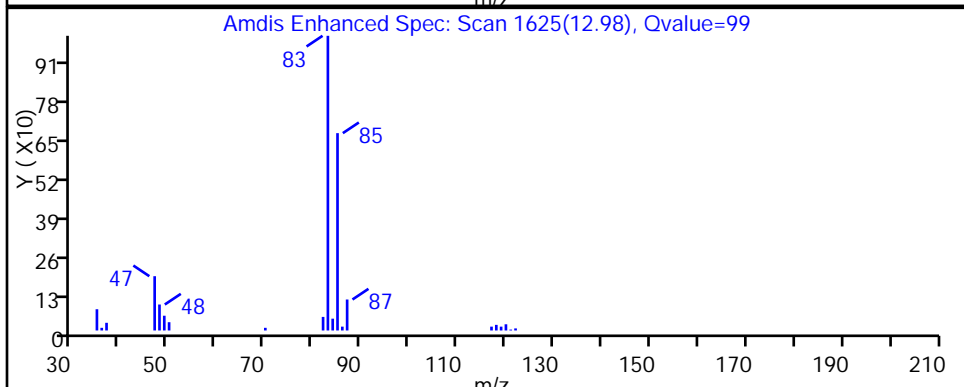
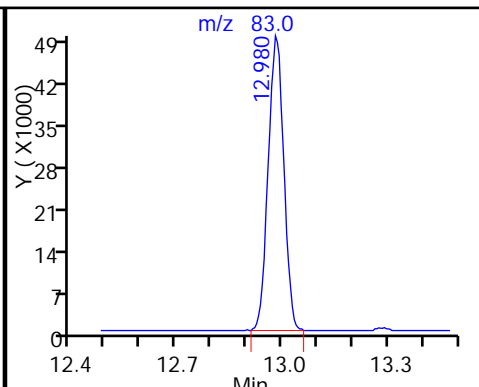
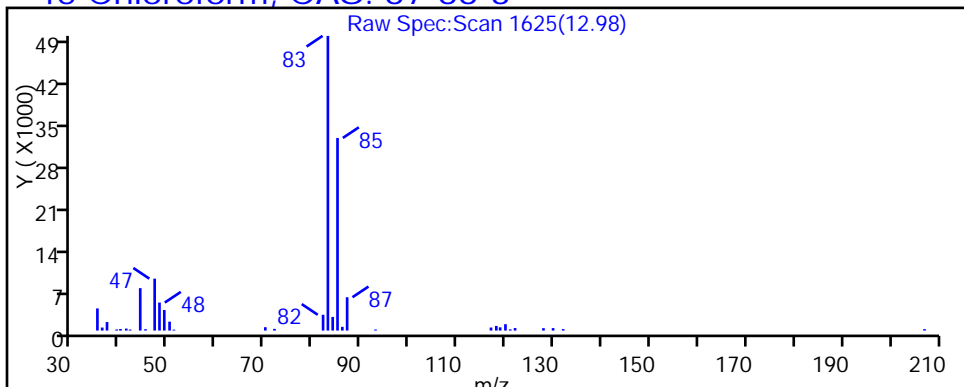
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

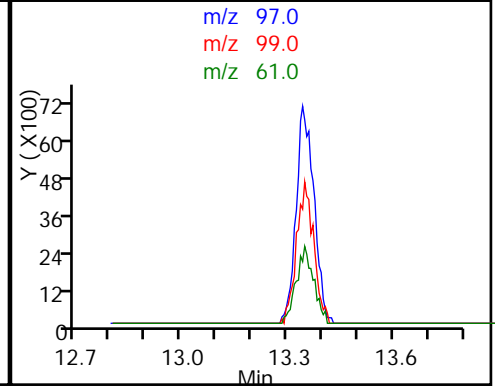
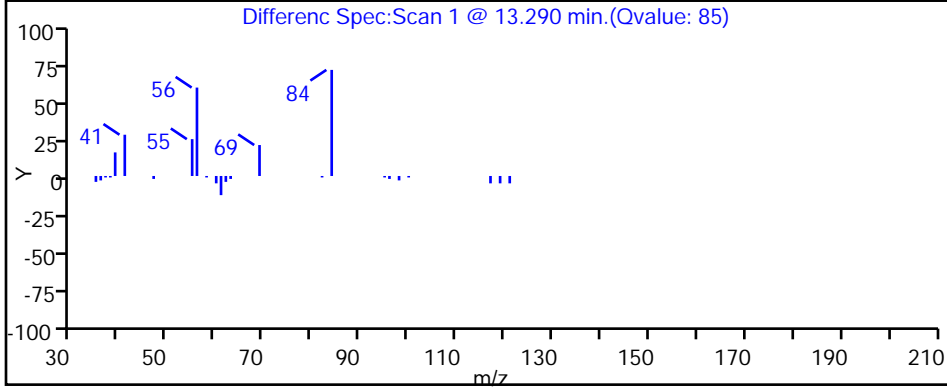
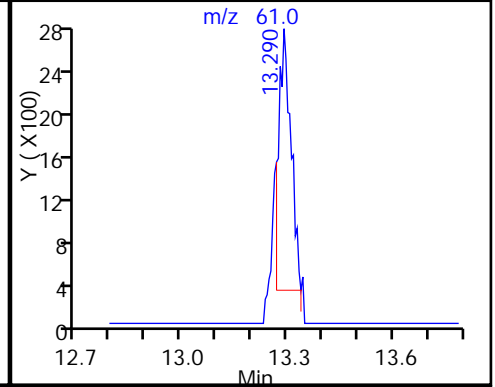
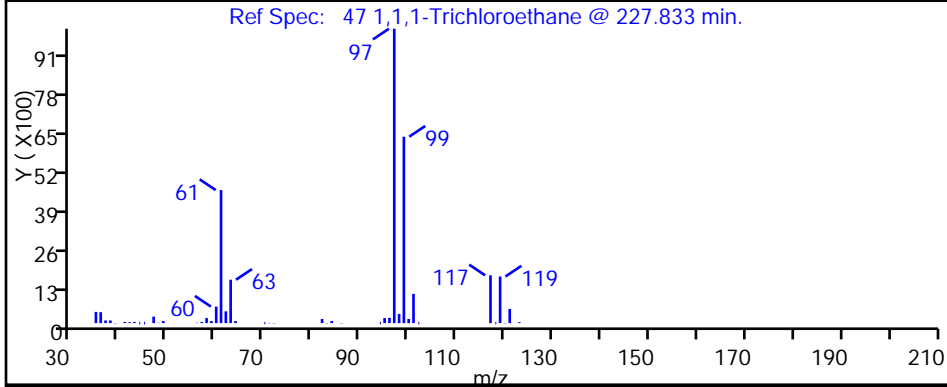
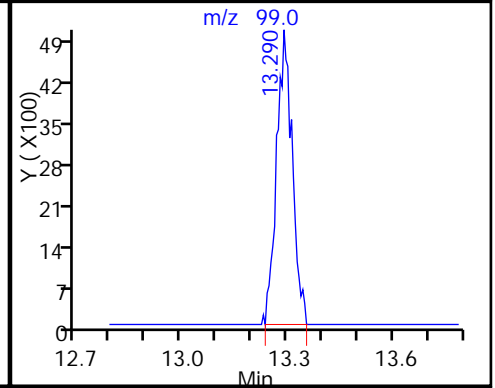
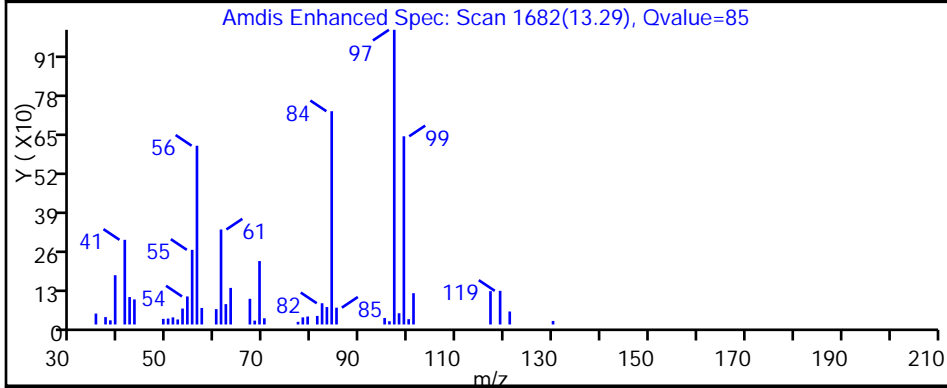
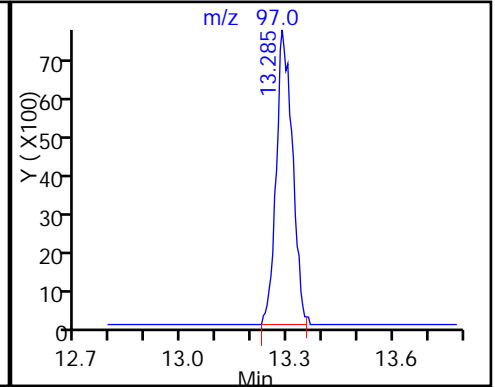
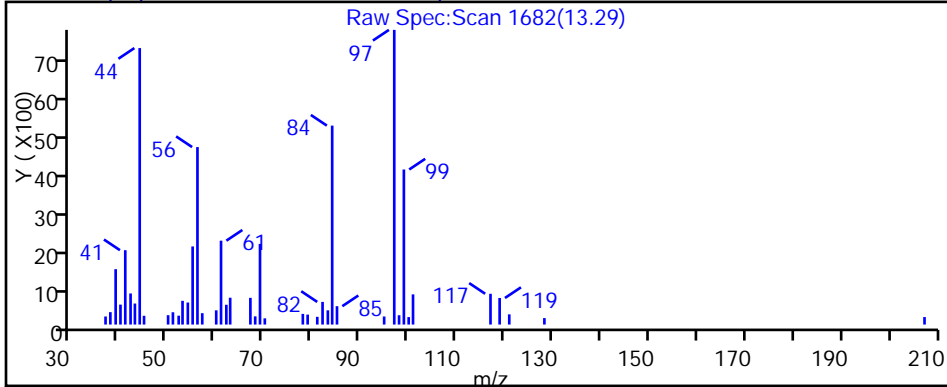
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

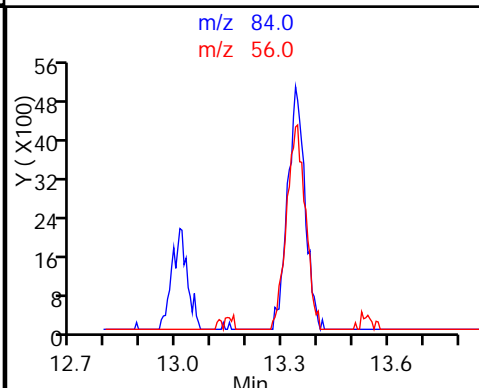
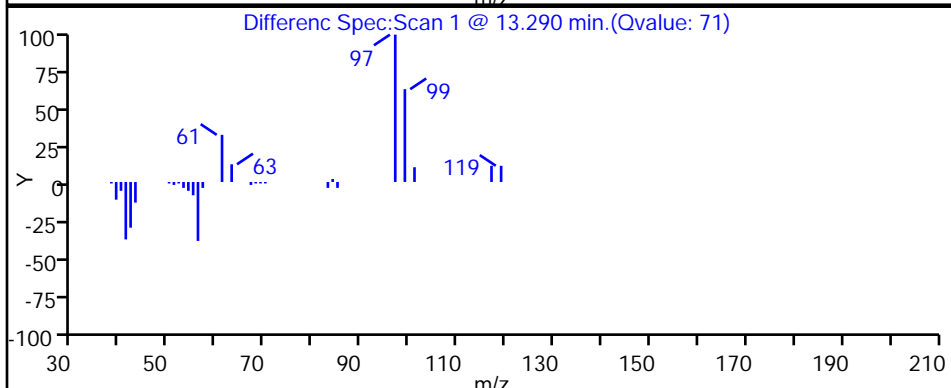
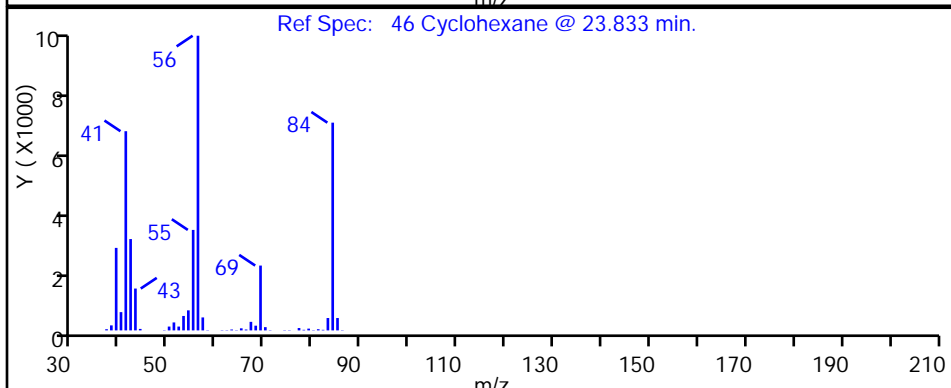
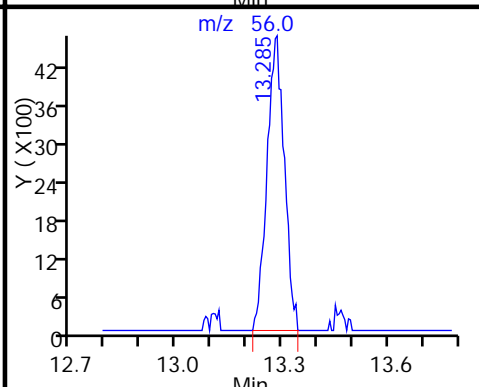
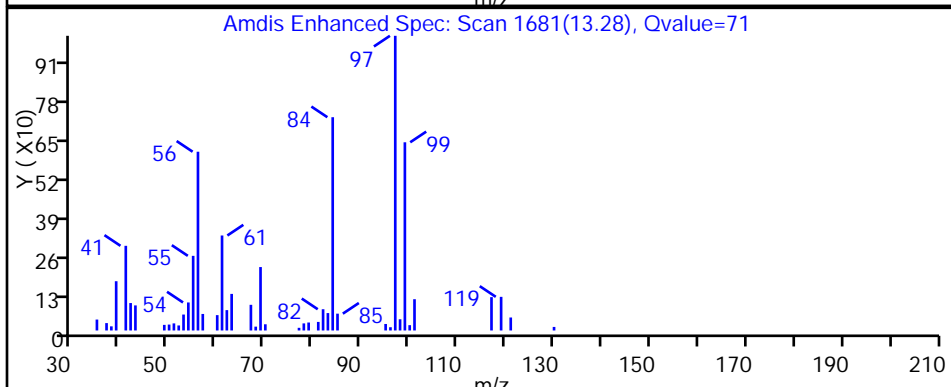
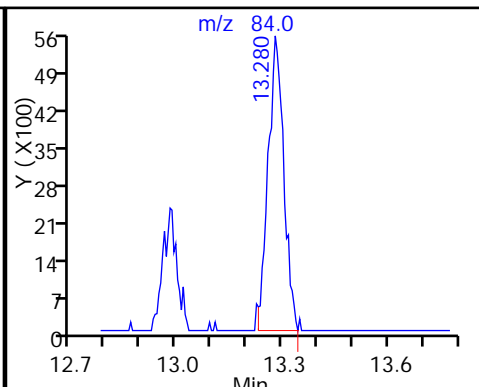
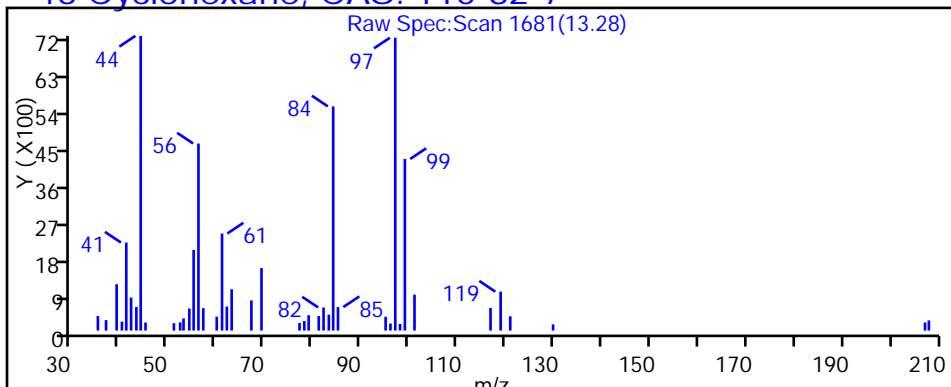
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

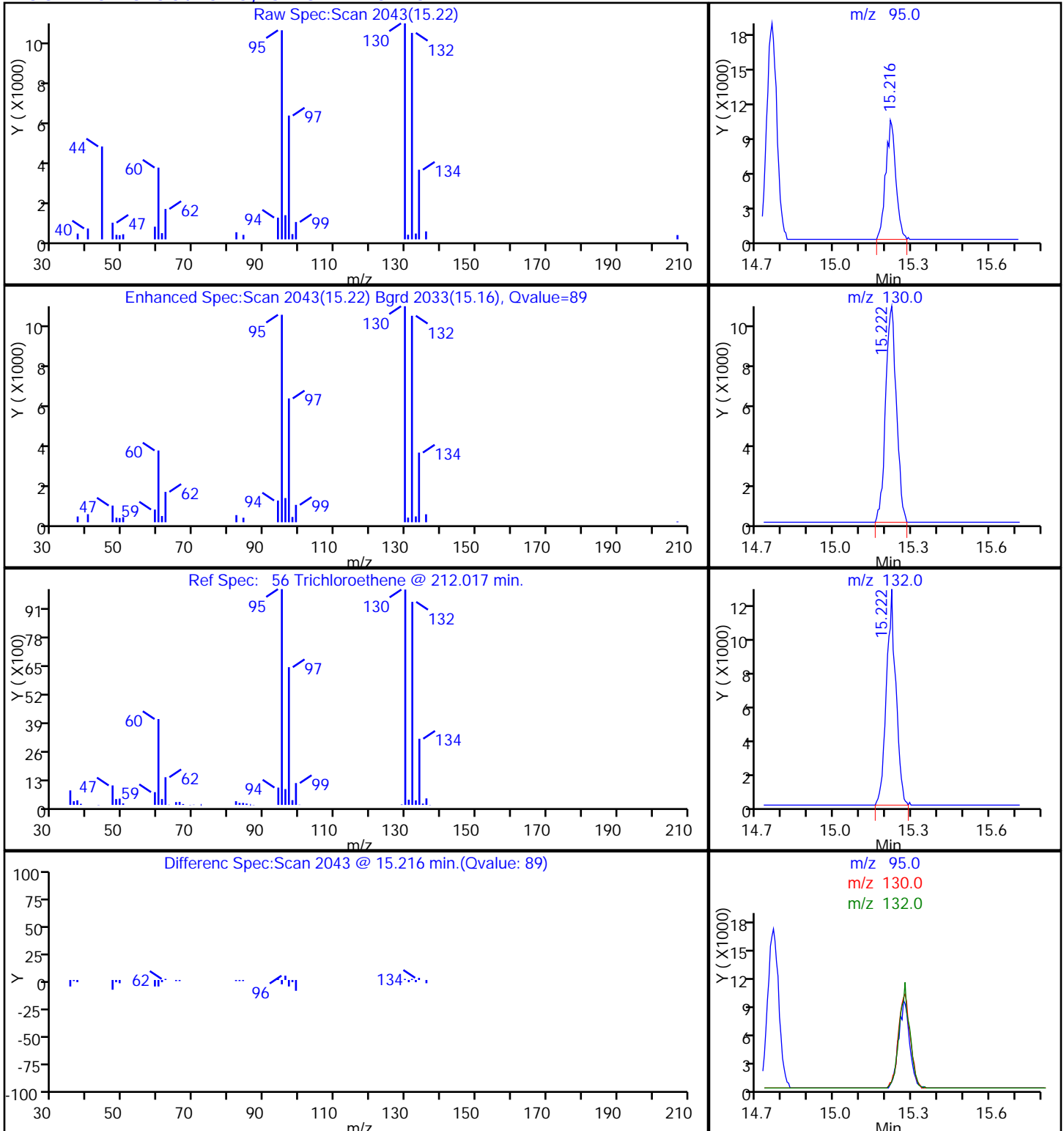
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

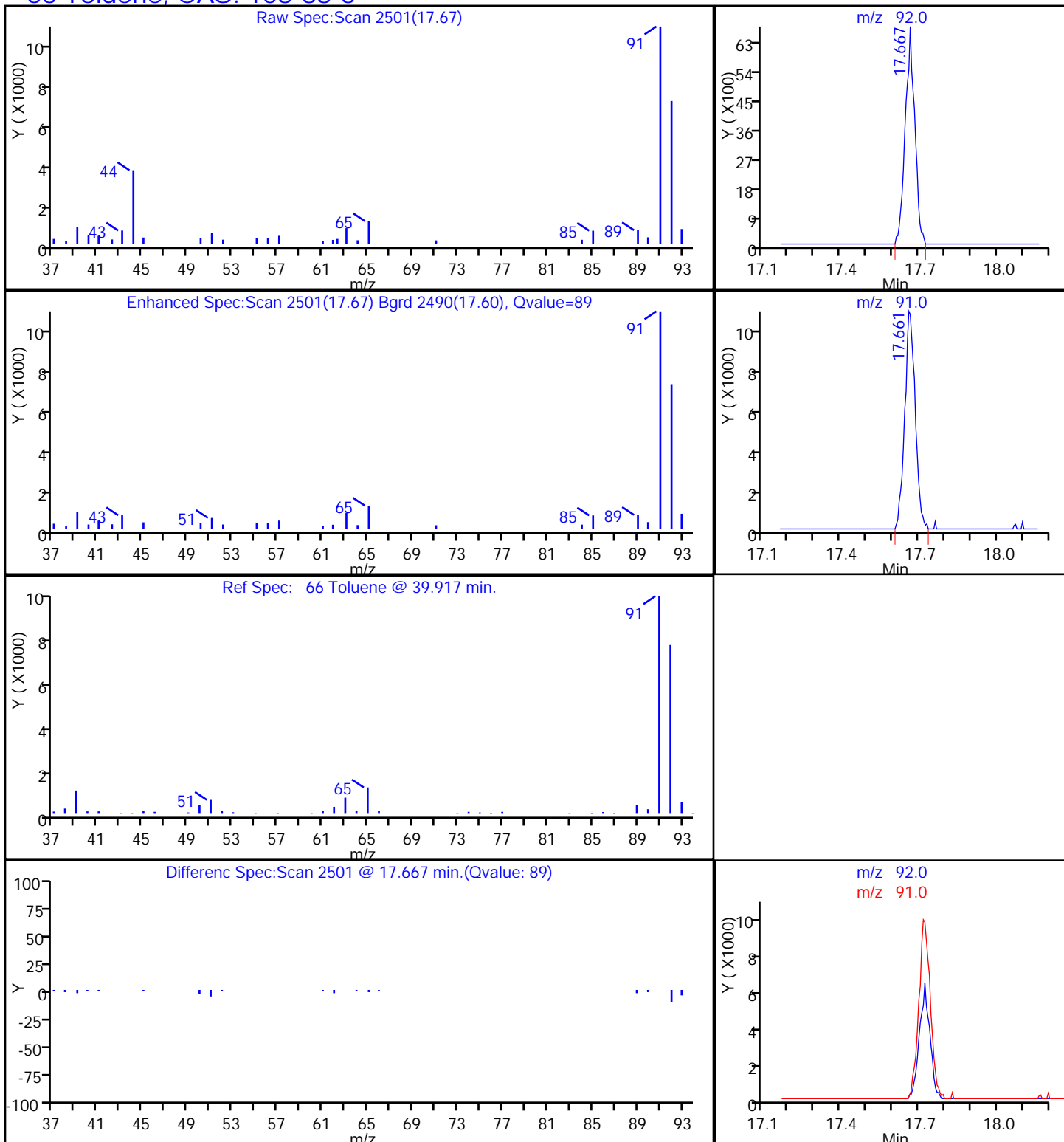
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_015.d

Injection Date: 24-Feb-2014 23:16:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-28

Lab Sample ID: 200-20955-28

Client ID: SS-VMP-7A

Operator ID: bl

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 200.000 mL

Dil. Factor: 7.4900

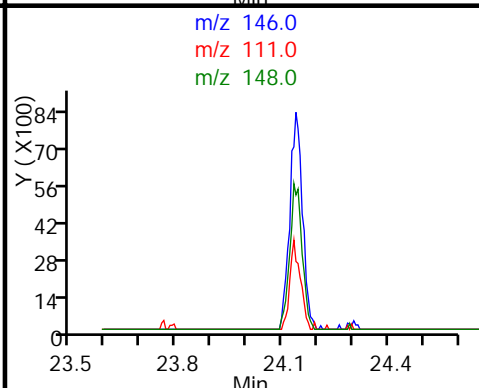
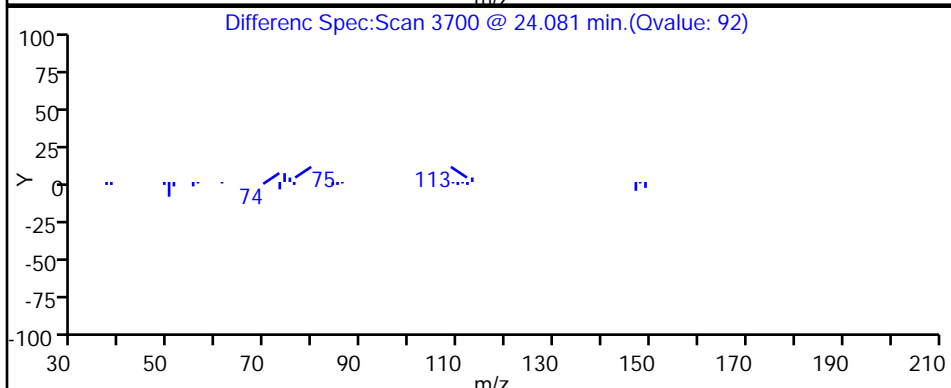
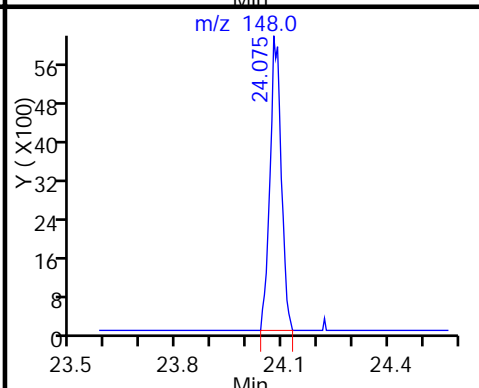
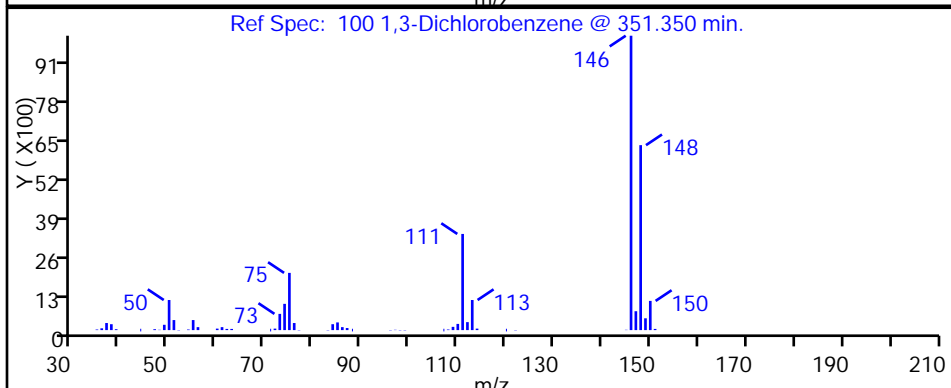
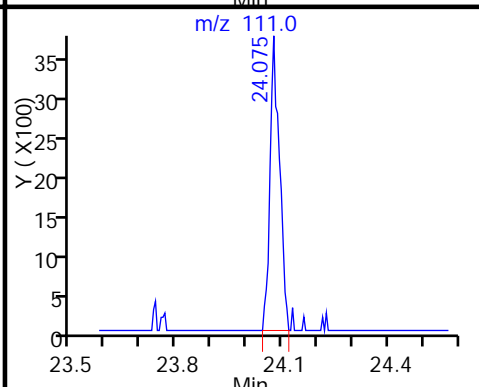
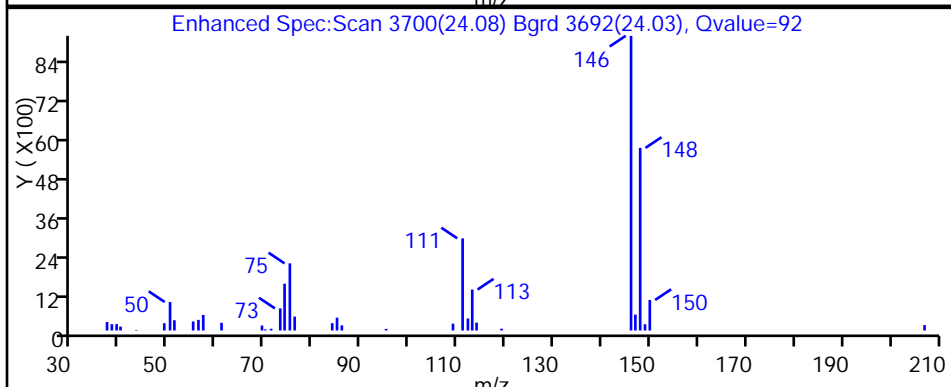
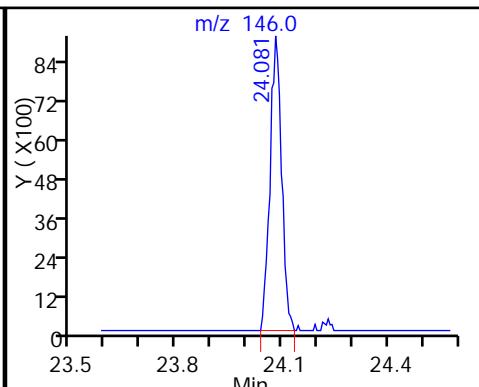
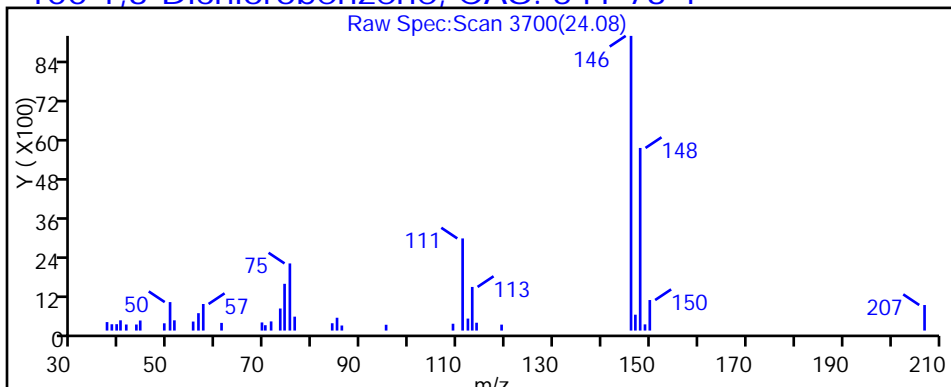
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-DUP-021214 Lab Sample ID: 200-20955-30
 Matrix: Air Lab File ID: 6282_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 69(mL) Date Analyzed: 02/25/2014 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 7.48
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	3.7	U	3.7	0.22
75-45-6	Freon 22	86.47	3.7	U	3.7	0.36
76-14-2	Freon-114	170.92	1.5	U	1.5	0.26
74-87-3	Chloromethane	50.49	3.7	U	3.7	1.0
106-97-8	n-Butane	58.12	3.7	U	3.7	2.1
75-01-4	Vinyl chloride	62.50	0.30	U	0.30	0.28
106-99-0	1,3-Butadiene	54.09	1.5	U	1.5	0.31
74-83-9	Bromomethane	94.94	1.5	U	1.5	0.21
75-00-3	Chloroethane	64.52	3.7	U	3.7	0.22
593-60-2	Vinyl bromide	106.96	1.5	U	1.5	0.22
75-69-4	Freon 11	137.37	1.5	U	1.5	0.22
76-13-1	Freon 113	187.38	0.70	J	1.5	0.13
75-35-4	1,1-Dichloroethene	96.94	1.5	U	1.5	0.18
67-64-1	Acetone	58.08	31	J	37	9.4
67-63-0	Isopropyl alcohol	60.10	1200	E	37	1.6
75-15-0	Carbon disulfide	76.14	3.7	U	3.7	0.49
107-05-1	Allyl chloride	76.53	3.7	U	3.7	0.25
75-09-2	Methylene Chloride	84.93	210		3.7	0.94
75-65-0	tert-Butyl alcohol	74.12	37	U	37	2.5
1634-04-4	Methyl tert-butyl ether	88.15	1.5	U	1.5	0.16
156-60-5	trans-1,2-Dichloroethene	96.94	1.5	U	1.5	0.22
110-54-3	Hexane	86.17	0.94	J	1.5	0.25
75-34-3	1,1-Dichloroethane	98.96	0.49	J	1.5	0.28
78-93-3	Methyl Ethyl Ketone	72.11	28		3.7	1.8
156-59-2	cis-1,2-Dichloroethene	96.94	1.5	U	1.5	0.28
540-59-0	1,2-Dichloroethene, Total	96.94	1.5	U	1.5	0.48
67-66-3	Chloroform	119.38	14		1.5	0.19
109-99-9	Tetrahydrofuran	72.11	20	J	37	0.34
71-55-6	1,1,1-Trichloroethane	133.41	1.9		1.5	0.16
110-82-7	Cyclohexane	84.16	3.2		1.5	0.19
56-23-5	Carbon tetrachloride	153.81	0.30	U	0.30	0.16
540-84-1	2,2,4-Trimethylpentane	114.23	1.5	U	1.5	0.20
71-43-2	Benzene	78.11	0.44	J	1.5	0.14
107-06-2	1,2-Dichloroethane	98.96	1.5	U	1.5	0.13
142-82-5	Heptane	100.21	1.5	U	1.5	0.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-DUP-021214 Lab Sample ID: 200-20955-30
 Matrix: Air Lab File ID: 6282_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 69(mL) Date Analyzed: 02/25/2014 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 7.48
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	3.8		0.30	0.18
80-62-6	Methyl methacrylate	100.12	3.7	U	3.7	0.22
78-87-5	1,2-Dichloropropane	112.99	1.5	U	1.5	0.24
123-91-1	1,4-Dioxane	88.11	37	U	37	1.5
75-27-4	Bromodichloromethane	163.83	1.5	U	1.5	0.13
10061-01-5	cis-1,3-Dichloropropene	110.97	1.5	U	1.5	0.21
108-10-1	methyl isobutyl ketone	100.16	3.7	U	3.7	0.20
108-88-3	Toluene	92.14	1.8		1.5	0.13
10061-02-6	trans-1,3-Dichloropropene	110.97	1.5	U	1.5	0.16
79-00-5	1,1,2-Trichloroethane	133.41	1.5	U	1.5	0.13
127-18-4	Tetrachloroethene	165.83	1.5	U	1.5	0.12
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	3.7	U	3.7	1.5
124-48-1	Dibromochloromethane	208.29	1.5	U	1.5	0.15
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	1.5	U	1.5	0.061
100-41-4	Ethylbenzene	106.17	0.15	J	1.5	0.097
179601-23-1	m,p-Xylene	106.17	3.7	U	3.7	0.17
95-47-6	Xylene, o-	106.17	1.5	U	1.5	0.12
1330-20-7	Xylene (total)	106.17	1.5	U	1.5	0.25
100-42-5	Styrene	104.15	0.23	J	1.5	0.13
75-25-2	Bromoform	252.75	1.5	U	1.5	0.075
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.5	U	1.5	0.12
103-65-1	n-Propylbenzene	120.19	1.5	U	1.5	0.60
622-96-8	4-Ethyltoluene	120.20	1.5	U	1.5	0.13
108-67-8	1,3,5-Trimethylbenzene	120.20	1.5	U	1.5	0.090
95-49-8	2-Chlorotoluene	126.59	1.5	U	1.5	0.097
98-06-6	tert-Butylbenzene	134.22	1.5	U	1.5	0.13
95-63-6	1,2,4-Trimethylbenzene	120.20	1.5	U	1.5	0.10
135-98-8	sec-Butylbenzene	134.22	1.5	U	1.5	0.60
99-87-6	4-Isopropyltoluene	134.22	1.5	U	1.5	0.60
541-73-1	1,3-Dichlorobenzene	147.00	1.2	J B	1.5	0.10
106-46-7	1,4-Dichlorobenzene	147.00	1.5	U	1.5	0.10
100-44-7	Benzyl chloride	126.58	1.5	U	1.5	0.60
104-51-8	n-Butylbenzene	134.22	1.5	U	1.5	0.60

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-DUP-021214 Lab Sample ID: 200-20955-30
 Matrix: Air Lab File ID: 6282_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 69(mL) Date Analyzed: 02/25/2014 00:04
 Soil Aliquot Vol.: _____ Dilution Factor: 7.48
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.5	U	1.5	0.10
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	1.5	U	1.5	0.16
91-20-3	Naphthalene	128.17	3.7	U	3.7	1.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-DUP-021214 Lab Sample ID: 200-20955-30
 Matrix: Air Lab File ID: 6282_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 69(mL) Date Analyzed: 02/25/2014 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 7.48
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	18	U	18	1.1
75-45-6	Freon 22	86.47	13	U	13	1.3
76-14-2	Freon-114	170.92	10	U	10	1.8
74-87-3	Chloromethane	50.49	7.7	U	7.7	2.1
106-97-8	n-Butane	58.12	8.9	U	8.9	5.0
75-01-4	Vinyl chloride	62.50	0.76	U	0.76	0.73
106-99-0	1,3-Butadiene	54.09	3.3	U	3.3	0.70
74-83-9	Bromomethane	94.94	5.8	U	5.8	0.81
75-00-3	Chloroethane	64.52	9.9	U	9.9	0.59
593-60-2	Vinyl bromide	106.96	6.5	U	6.5	0.98
75-69-4	Freon 11	137.37	8.4	U	8.4	1.3
76-13-1	Freon 113	187.38	5.4	J	11	1.0
75-35-4	1,1-Dichloroethene	96.94	5.9	U	5.9	0.71
67-64-1	Acetone	58.08	74	J	89	22
67-63-0	Isopropyl alcohol	60.10	2900	E	92	4.0
75-15-0	Carbon disulfide	76.14	12	U	12	1.5
107-05-1	Allyl chloride	76.53	12	U	12	0.80
75-09-2	Methylene Chloride	84.93	720		13	3.2
75-65-0	tert-Butyl alcohol	74.12	110	U	110	7.4
1634-04-4	Methyl tert-butyl ether	88.15	5.4	U	5.4	0.59
156-60-5	trans-1,2-Dichloroethene	96.94	5.9	U	5.9	0.86
110-54-3	Hexane	86.17	3.3	J	5.3	0.90
75-34-3	1,1-Dichloroethane	98.96	2.0	J	6.1	1.2
78-93-3	Methyl Ethyl Ketone	72.11	82		11	5.3
156-59-2	cis-1,2-Dichloroethene	96.94	5.9	U	5.9	1.1
540-59-0	1,2-Dichloroethene, Total	96.94	5.9	U	5.9	1.9
67-66-3	Chloroform	119.38	69		7.3	0.91
109-99-9	Tetrahydrofuran	72.11	58	J	110	1.0
71-55-6	1,1,1-Trichloroethane	133.41	10		8.2	0.86
110-82-7	Cyclohexane	84.16	11		5.1	0.64
56-23-5	Carbon tetrachloride	153.81	1.9	U	1.9	0.99
540-84-1	2,2,4-Trimethylpentane	114.23	7.0	U	7.0	0.94
71-43-2	Benzene	78.11	1.4	J	4.8	0.45
107-06-2	1,2-Dichloroethane	98.96	6.1	U	6.1	0.51
142-82-5	Heptane	100.21	6.1	U	6.1	1.4

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-DUP-021214 Lab Sample ID: 200-20955-30
 Matrix: Air Lab File ID: 6282_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 69(mL) Date Analyzed: 02/25/2014 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 7.48
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	21		1.6	0.96
80-62-6	Methyl methacrylate	100.12	15	U	15	0.92
78-87-5	1,2-Dichloropropane	112.99	6.9	U	6.9	1.1
123-91-1	1,4-Dioxane	88.11	130	U	130	5.4
75-27-4	Bromodichloromethane	163.83	10	U	10	0.85
10061-01-5	cis-1,3-Dichloropropene	110.97	6.8	U	6.8	0.95
108-10-1	methyl isobutyl ketone	100.16	15	U	15	0.83
108-88-3	Toluene	92.14	6.9		5.6	0.48
10061-02-6	trans-1,3-Dichloropropene	110.97	6.8	U	6.8	0.75
79-00-5	1,1,2-Trichloroethane	133.41	8.2	U	8.2	0.69
127-18-4	Tetrachloroethene	165.83	10	U	10	0.81
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	15	U	15	6.1
124-48-1	Dibromochloromethane	208.29	13	U	13	1.3
106-93-4	1,2-Dibromoethane	187.87	11	U	11	1.1
108-90-7	Chlorobenzene	112.56	6.9	U	6.9	0.28
100-41-4	Ethylbenzene	106.17	0.65	J	6.5	0.42
179601-23-1	m,p-Xylene	106.17	16	U	16	0.75
95-47-6	Xylene, o-	106.17	6.5	U	6.5	0.52
1330-20-7	Xylene (total)	106.17	6.5	U	6.5	1.1
100-42-5	Styrene	104.15	0.98	J	6.4	0.57
75-25-2	Bromoform	252.75	15	U	15	0.77
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10	U	10	0.82
103-65-1	n-Propylbenzene	120.19	7.4	U	7.4	2.9
622-96-8	4-Ethyltoluene	120.20	7.4	U	7.4	0.66
108-67-8	1,3,5-Trimethylbenzene	120.20	7.4	U	7.4	0.44
95-49-8	2-Chlorotoluene	126.59	7.7	U	7.7	0.50
98-06-6	tert-Butylbenzene	134.22	8.2	U	8.2	0.70
95-63-6	1,2,4-Trimethylbenzene	120.20	7.4	U	7.4	0.51
135-98-8	sec-Butylbenzene	134.22	8.2	U	8.2	3.3
99-87-6	4-Isopropyltoluene	134.22	8.2	U	8.2	3.3
541-73-1	1,3-Dichlorobenzene	147.00	7.5	J B	9.0	0.63
106-46-7	1,4-Dichlorobenzene	147.00	9.0	U	9.0	0.63
100-44-7	Benzyl chloride	126.58	7.7	U	7.7	3.1
104-51-8	n-Butylbenzene	134.22	8.2	U	8.2	3.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-DUP-021214 Lab Sample ID: 200-20955-30
 Matrix: Air Lab File ID: 6282_016.d
 Analysis Method: TO-15 Date Collected: 02/12/2014 00:00
 Sample wt/vol: 69(mL) Date Analyzed: 02/25/2014 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 7.48
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.0	U	9.0	0.63
120-82-1	1,2,4-Trichlorobenzene	181.45	28	U	28	1.5
87-68-3	Hexachloro-1,3-butadiene	260.76	16	U	16	1.8
91-20-3	Naphthalene	128.17	20	U	20	7.8

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d
 Lims ID: 200-20955-A-30 Lab Sample ID: 200-20955-30
 Client ID: SS-DUP-021214
 Sample Type: Client
 Inject. Date: 25-Feb-2014 00:04:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 200.000 mL Dil. Factor: 7.4800
 Sample Info: 200-0006282-016
 Misc. Info.: 200-20955-a-30@7.48 cdf=2.58 69ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 09:48:16 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:43:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.470	8.433	0.037	71	9383	0.0935	
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43	8.775	8.743	0.032	87	188632	4.15	
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.080	9.027	0.053	97	6004806	157.7	E
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.754	9.727	0.027	79	877590	27.7	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57	10.658	10.648	0.010	78	5480	0.1251	
37 1,1-Dichloroethane	63	11.209	11.193	0.016	31	4579	0.0653	
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72	12.402	12.386	0.016	97	71680	3.72	
44 Tetrahydrofuran	42	12.868	12.846	0.022	46	73682	2.63	
* 43 Chlorobromomethane	128	12.863	12.857	0.005	69	312973	10.0	
45 Chloroform	83	12.975	12.964	0.011	99	199395	1.90	
46 Cyclohexane	84	13.285	13.258	0.027	85	23059	0.4271	
47 1,1,1-Trichloroethane	97	13.285	13.274	0.011	89	30618	0.2480	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	13.531		
	51			57	13.922		
	50			78	13.991 13.980	0.011	56 7496 0.0582
	52			62	14.141		
	53			43	14.269		
*	54			114	14.751 14.745	0.006	93 1478763 10.0
	56			95	15.216 15.206	0.010	87 34008 0.5127 M
	58			63	15.730		
	59			69	15.810		
	60			88	15.901		
	62			83	16.217		
	64			75	17.083		
	65			43	17.319		
	66			92	17.661 17.656	0.005	92 24789 0.2464
	70			75	18.191		
	71			83	18.554		
	72			166	18.699		
	73			43	18.945		
	74			129	19.314		
	75			107	19.598		
S	82			106	20.100		
*	76			117	20.443 20.443	0.0	84 1387394 10.0
	77			112	20.496		
	78			91	20.620 20.614	0.006	53 4714 0.0201 7M
	80			106	20.833		
	83			106	21.545		
	84			104	21.583 21.582	0.001	39 4079 0.0307
	85			173	21.957		
\$	87			95	22.444 22.444	0.0	97 962045 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.075 24.081	-0.006	95 32689 0.1658
	101			146	24.225		
	102			91	24.434		
	103			91	24.648		
	105			146	24.830		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Worklist Smp#: 16

Client ID: SS-DUP-021214

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

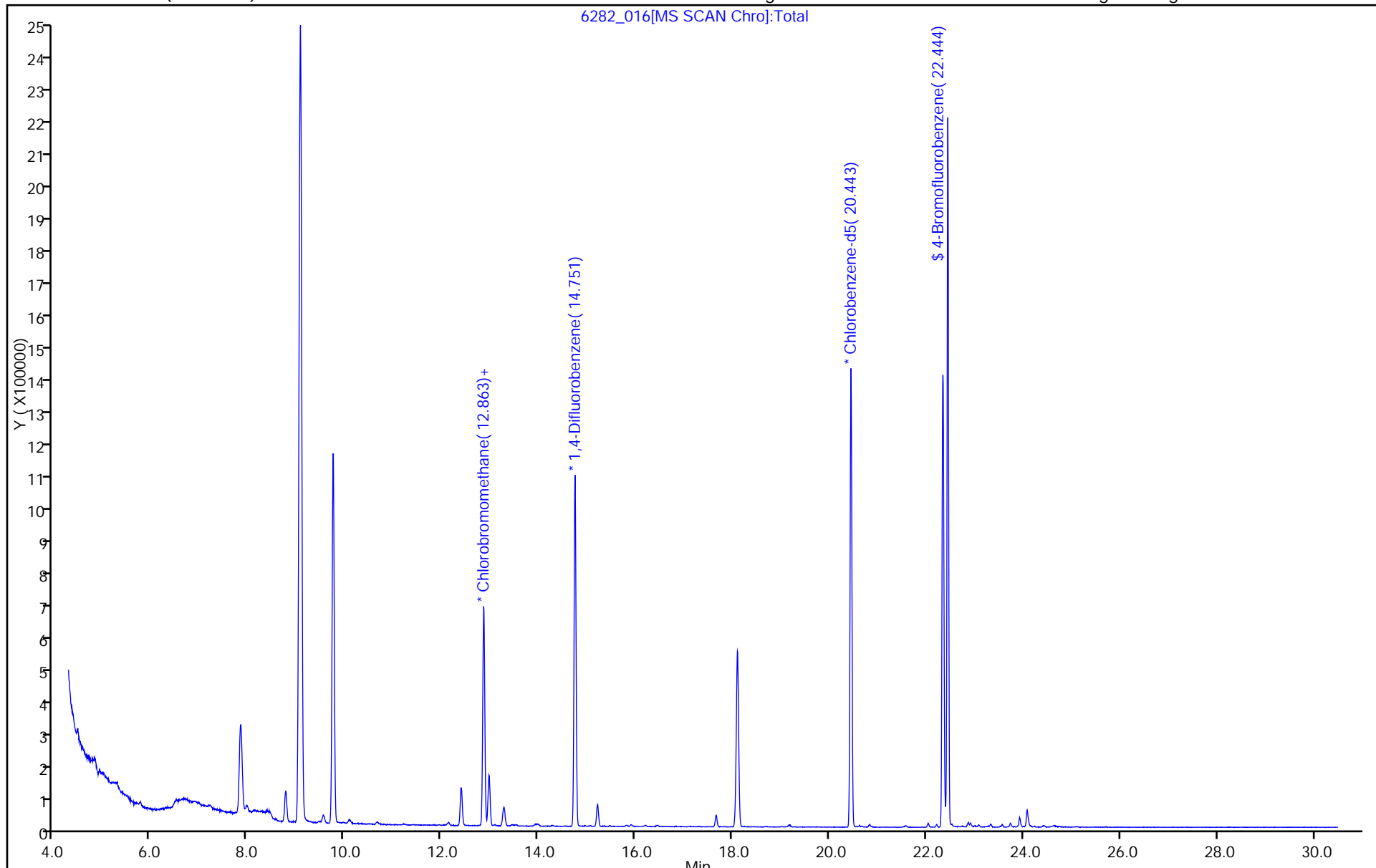
ALS Bottle#: 15

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

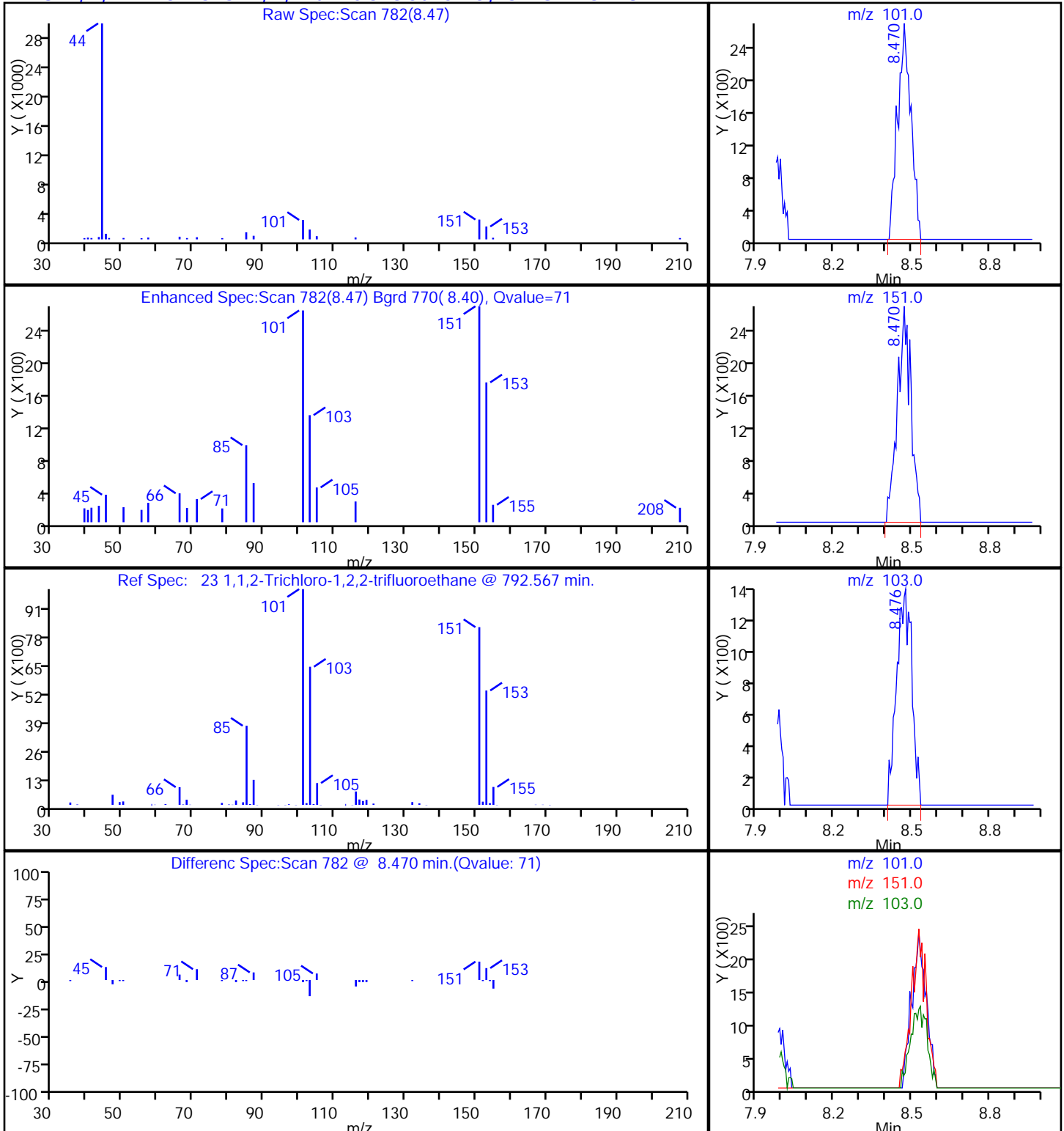
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

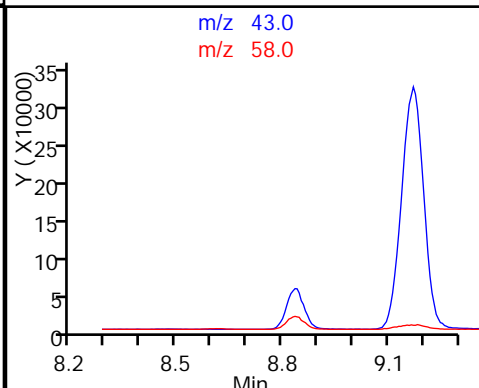
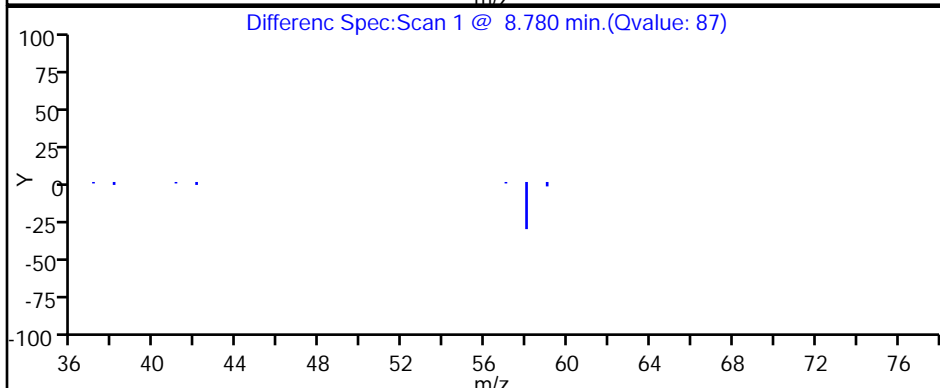
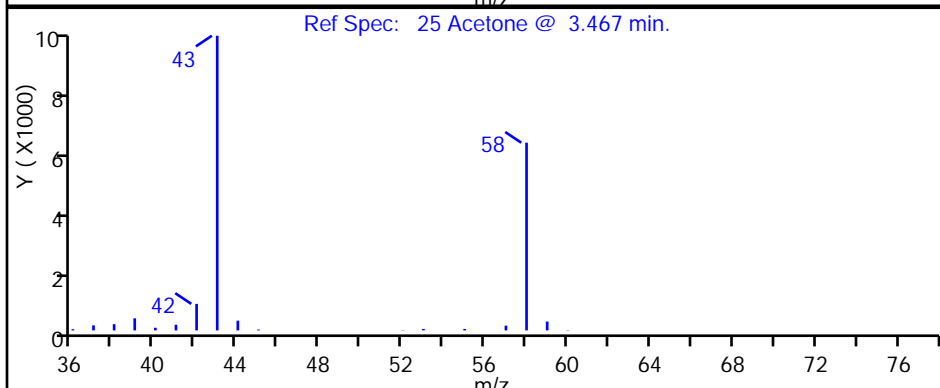
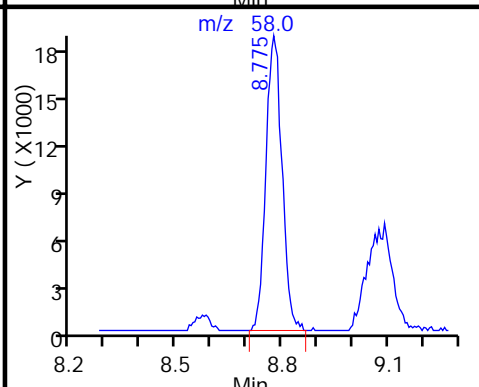
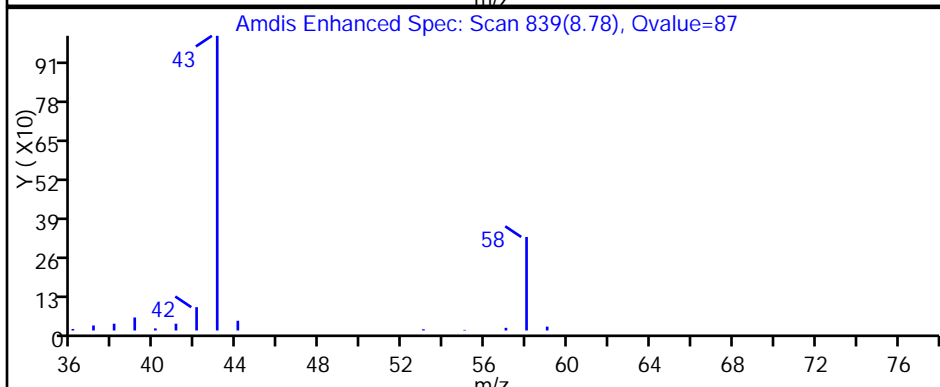
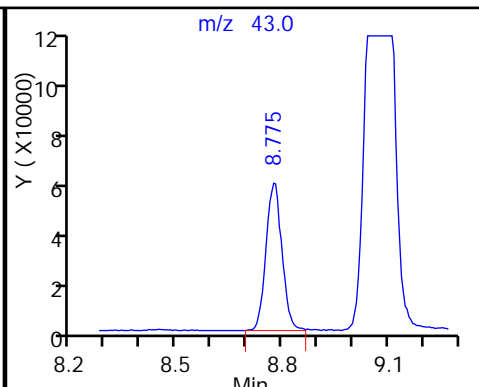
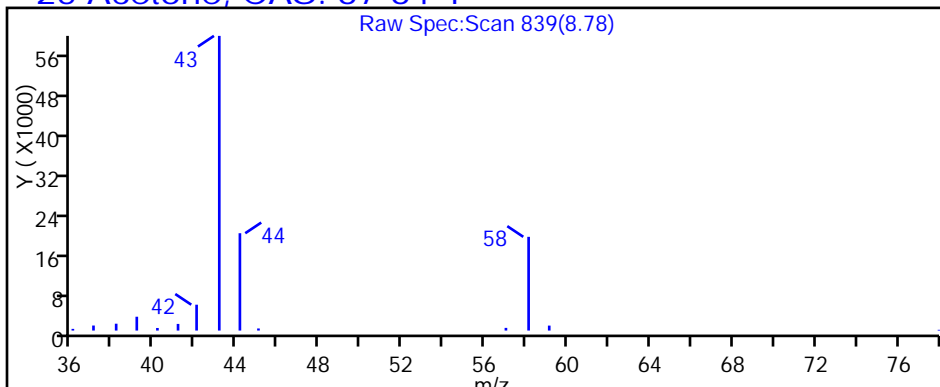
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

25 Acetone, CAS: 67-64-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

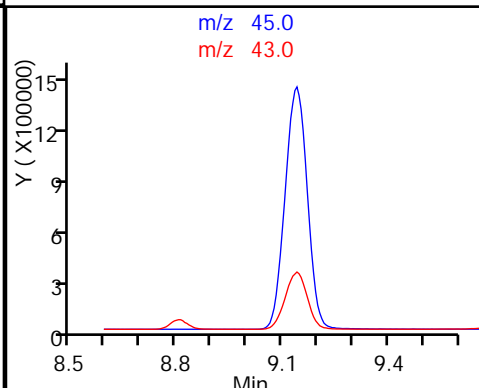
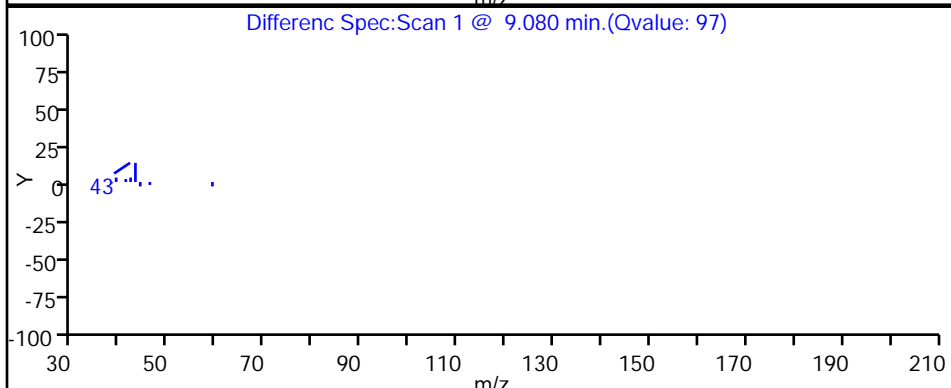
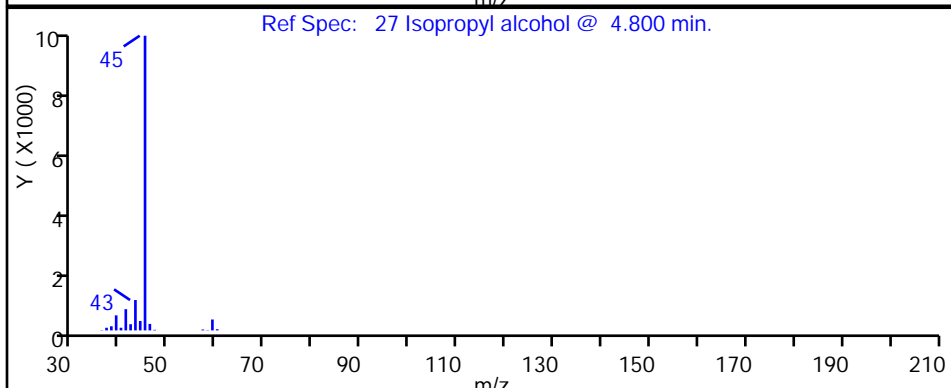
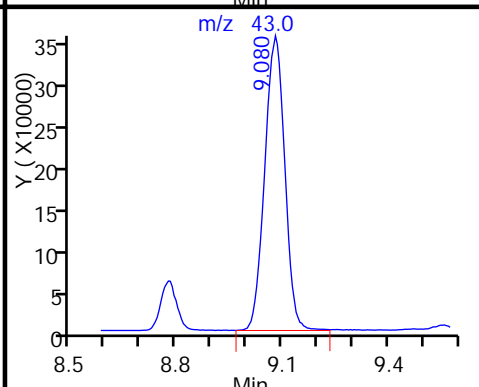
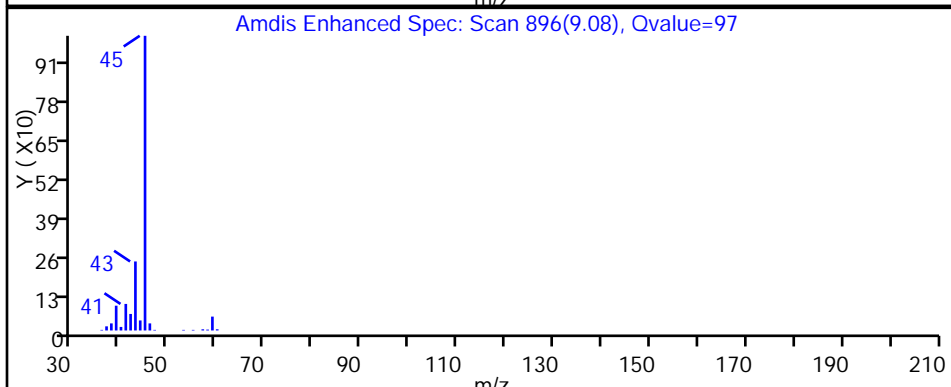
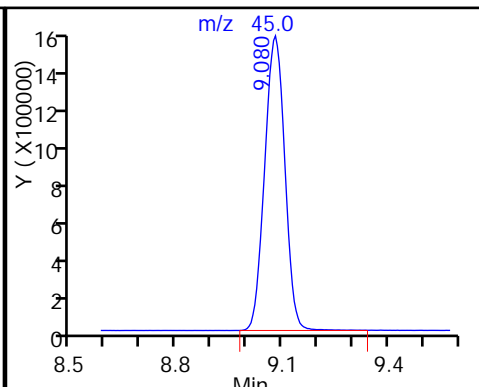
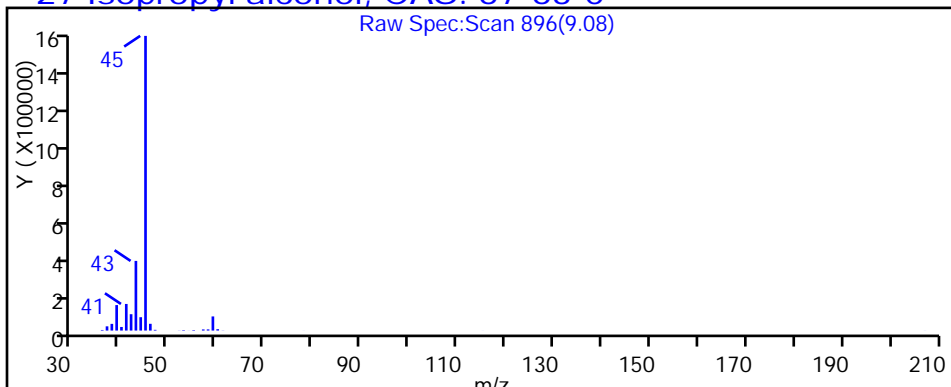
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

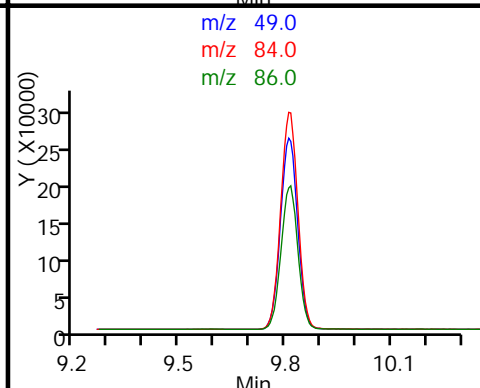
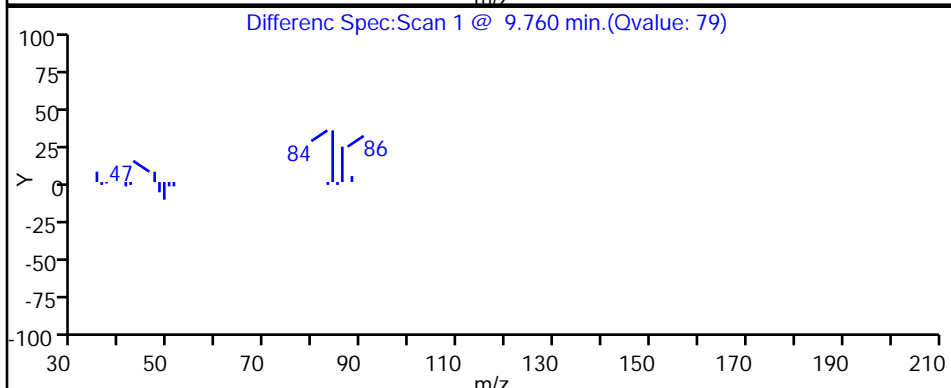
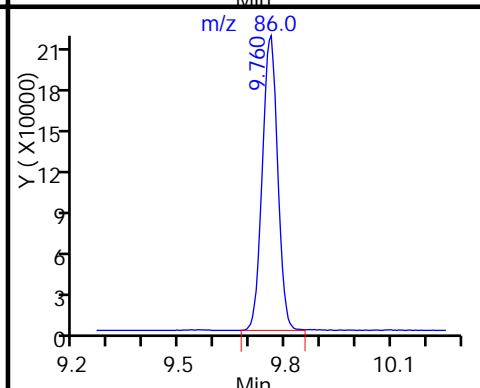
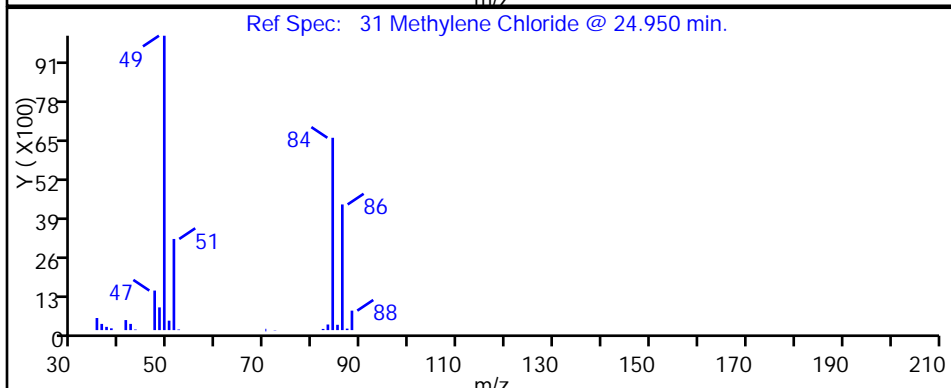
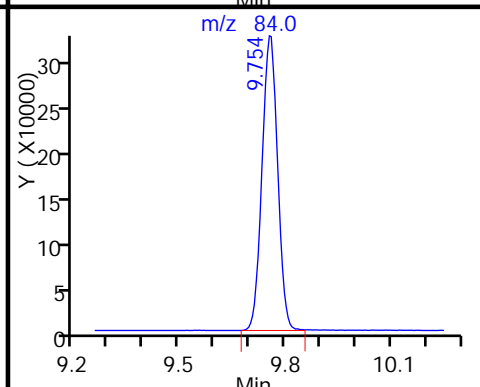
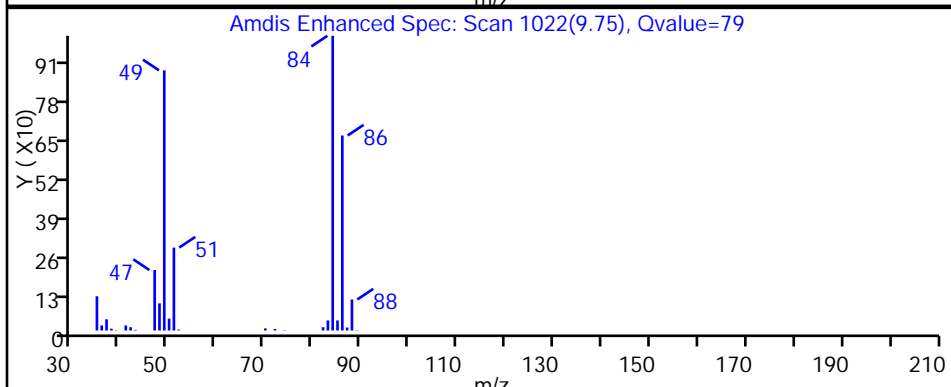
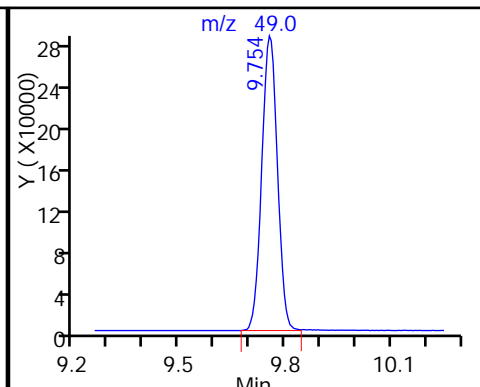
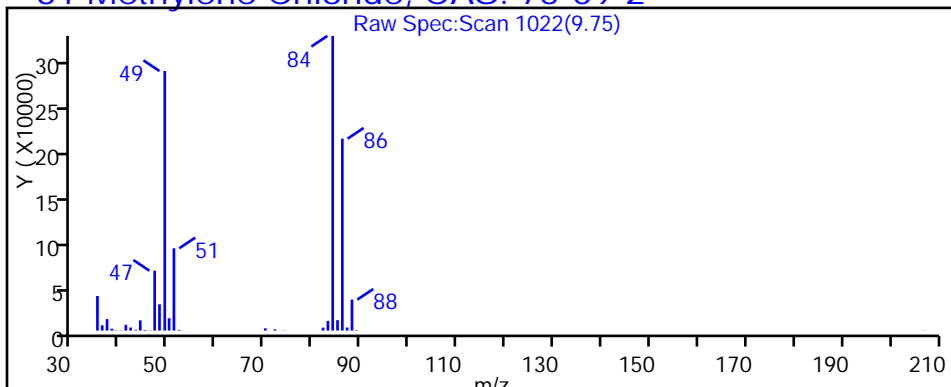
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

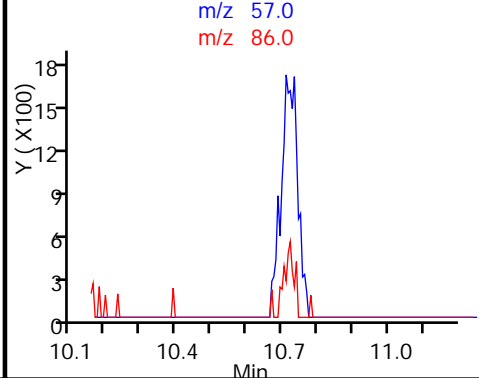
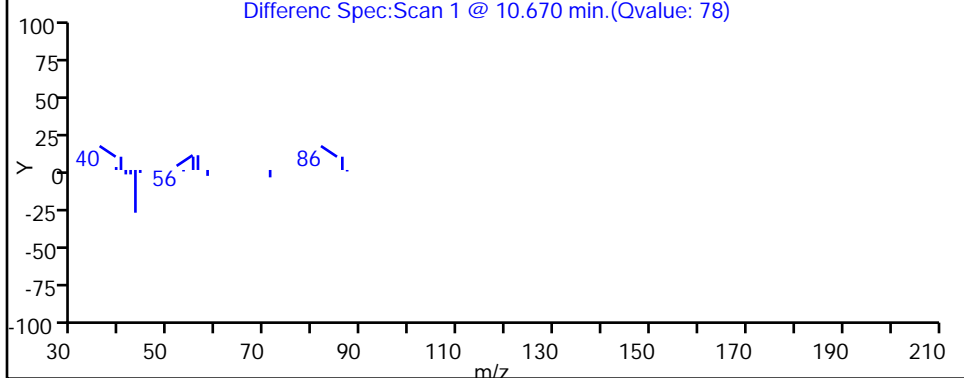
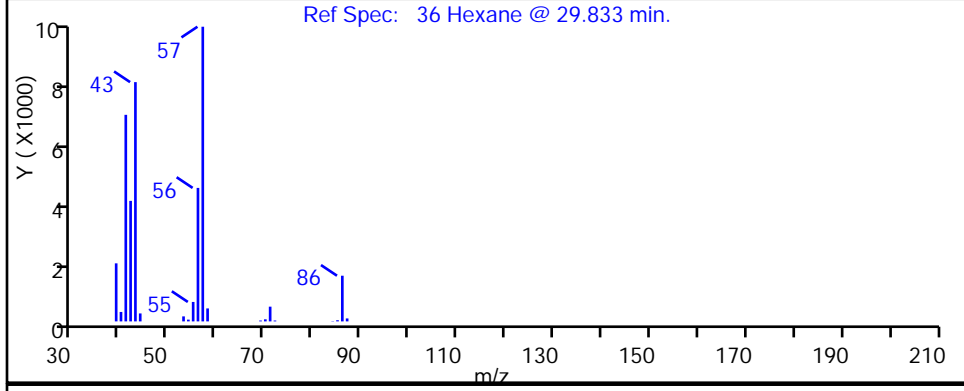
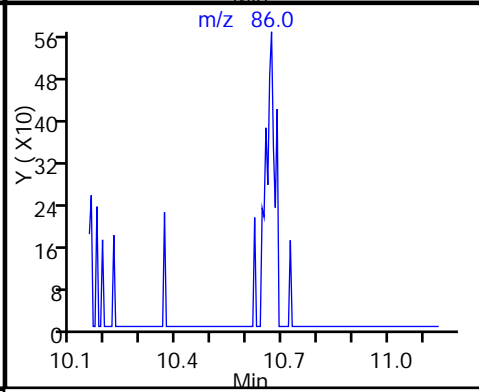
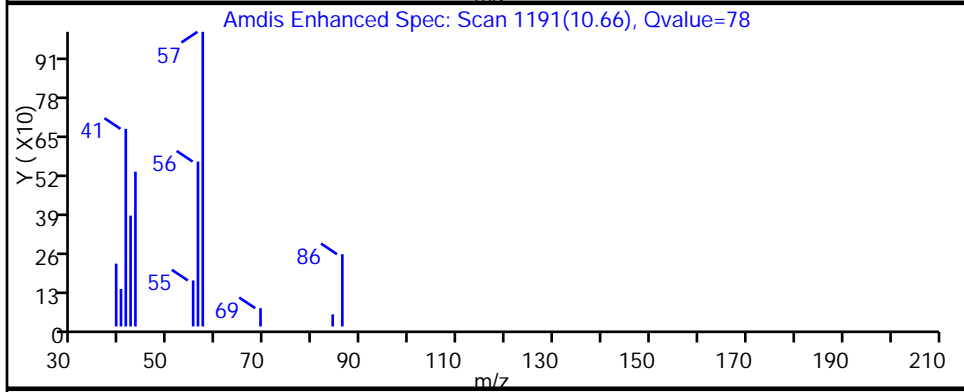
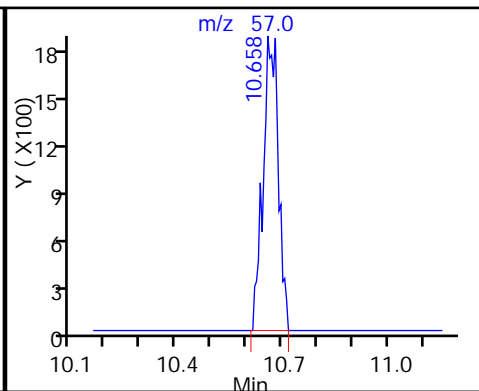
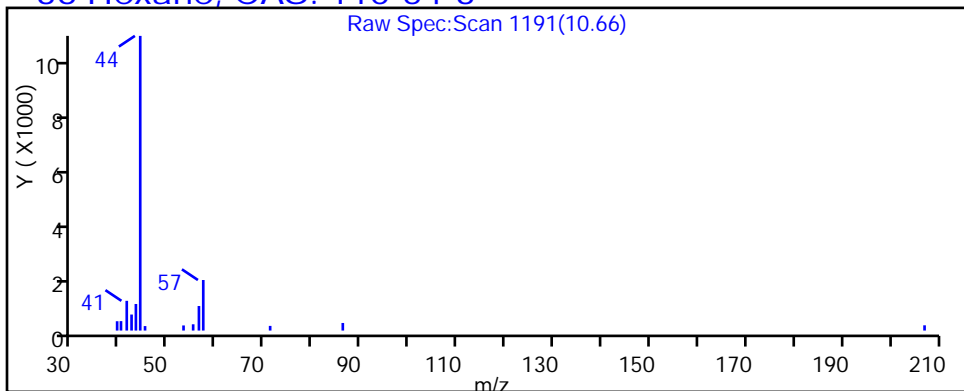
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

36 Hexane, CAS: 110-54-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

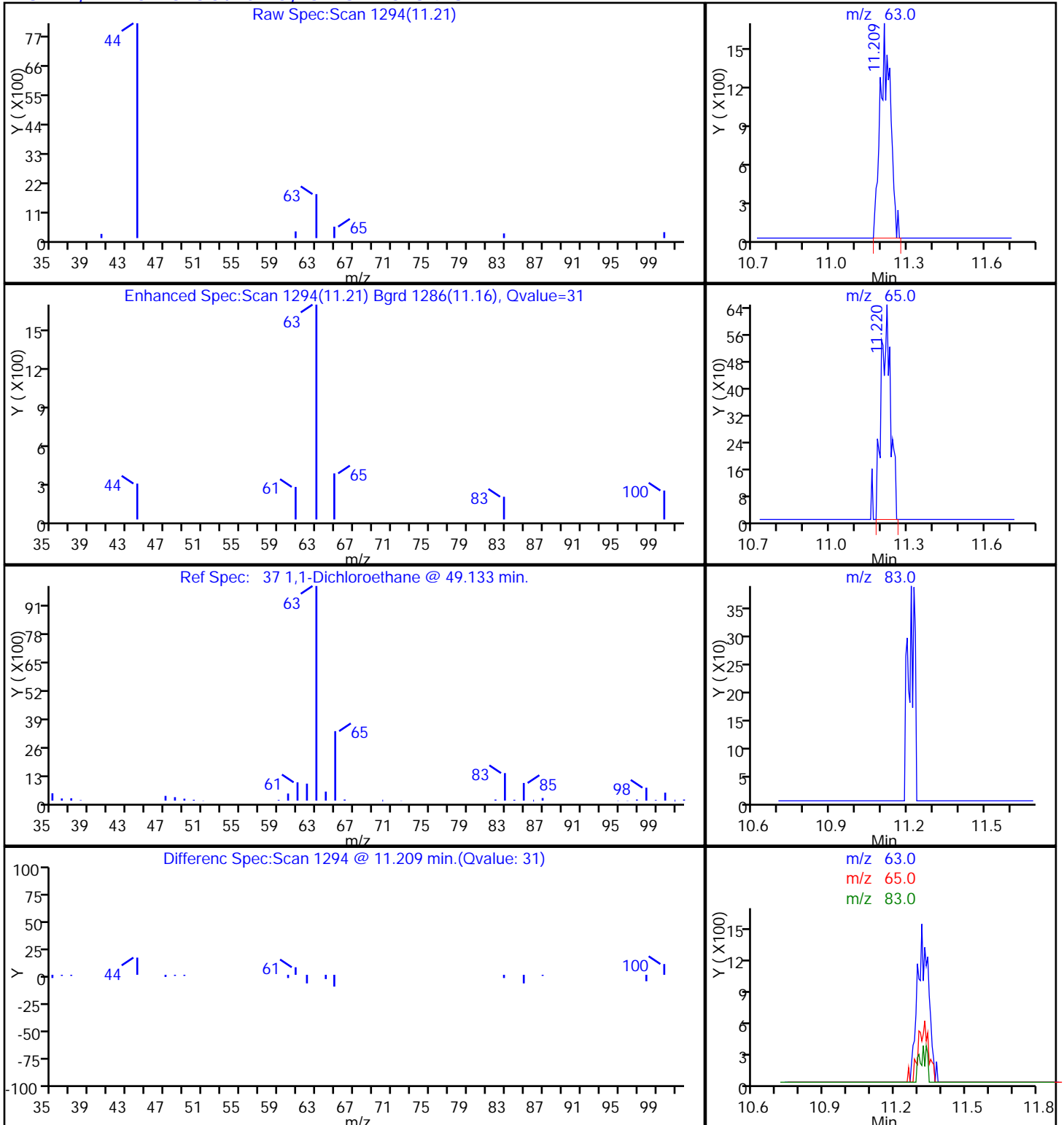
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

37 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

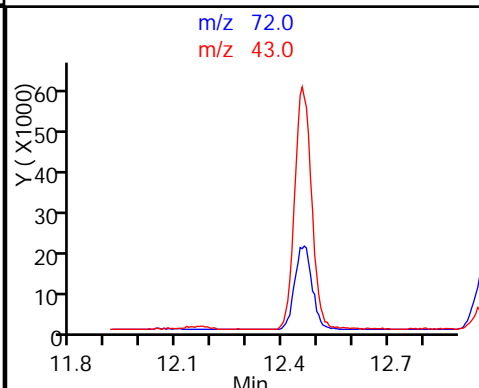
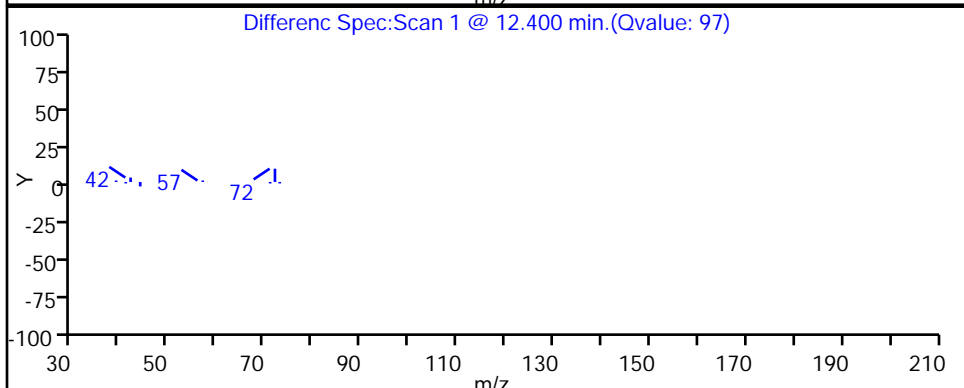
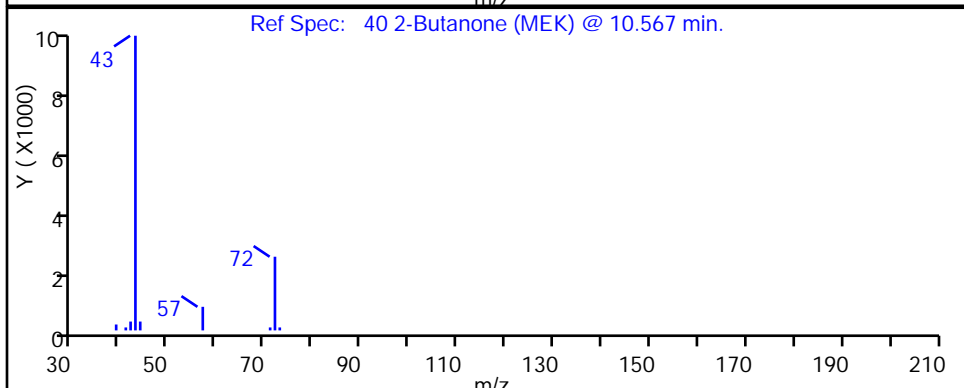
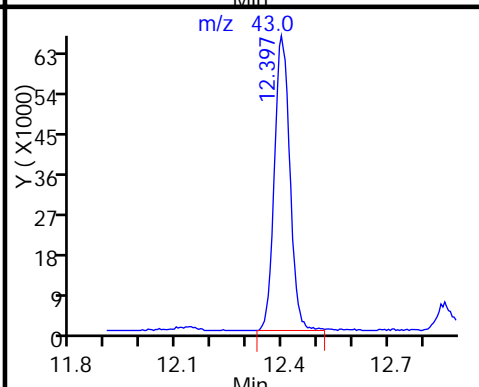
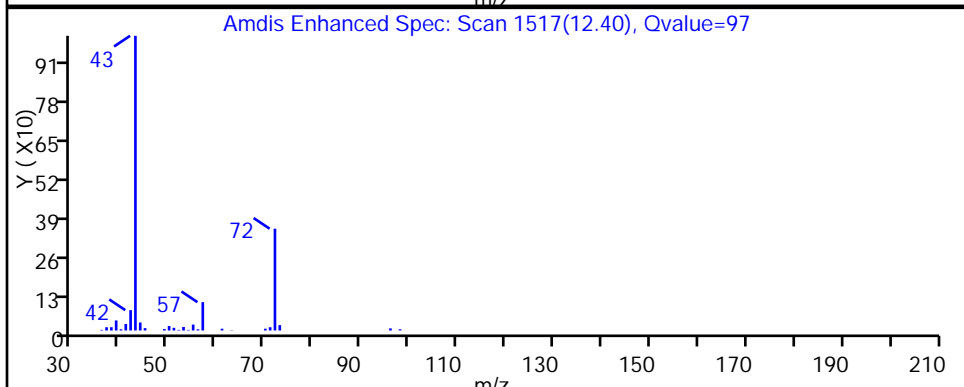
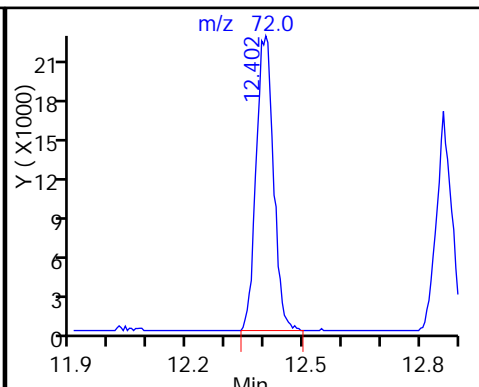
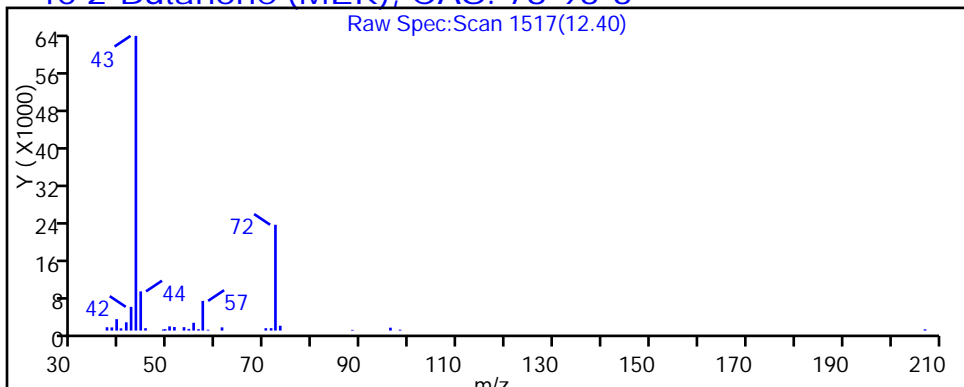
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

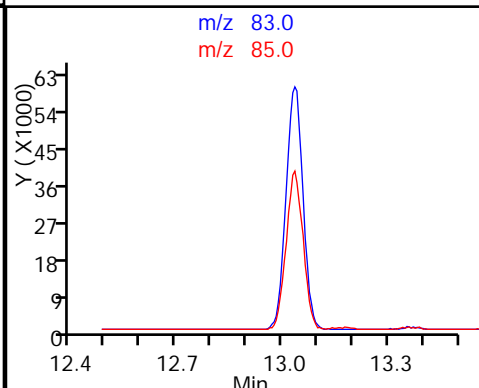
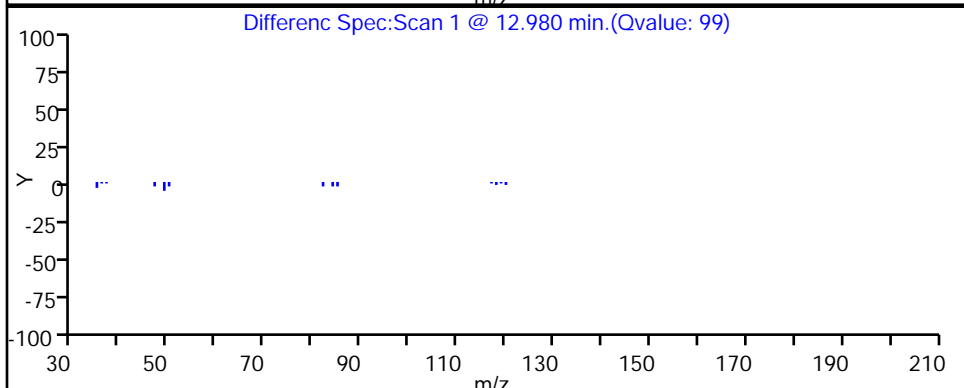
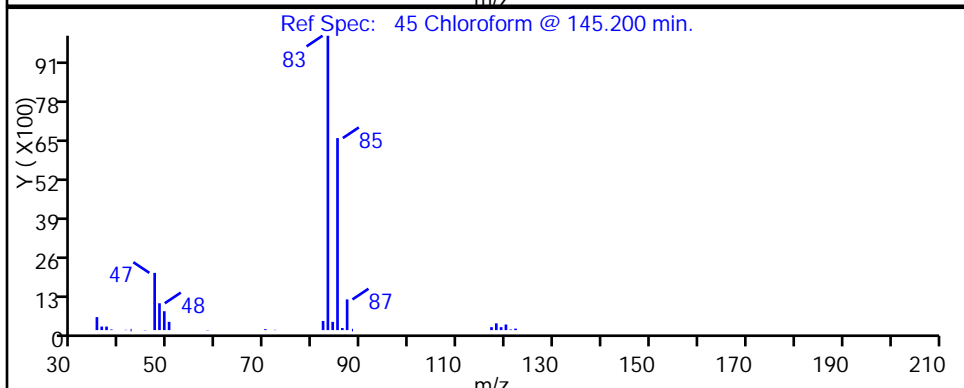
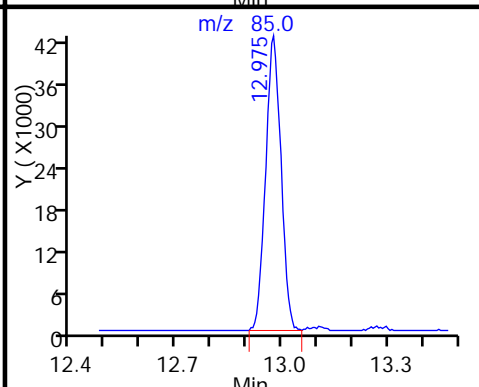
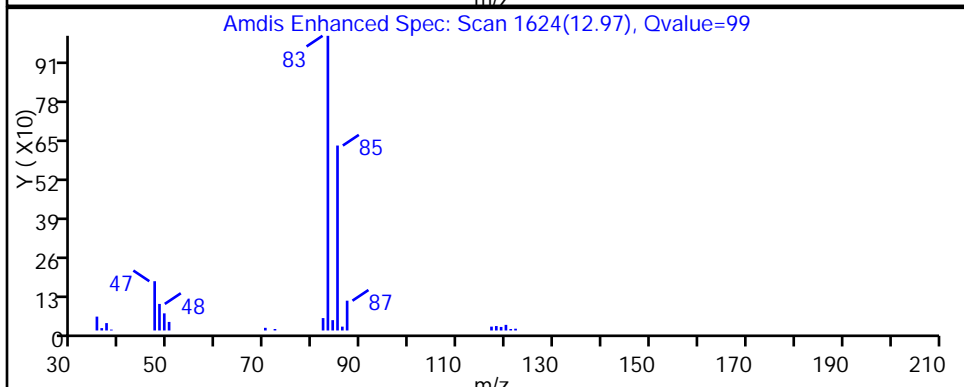
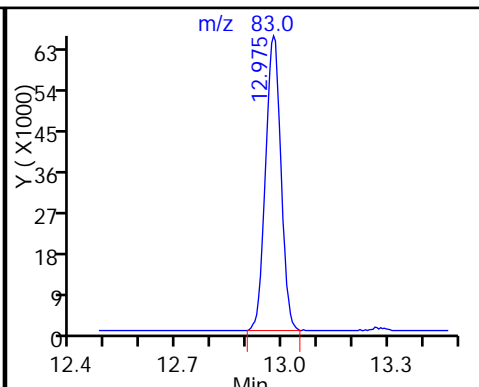
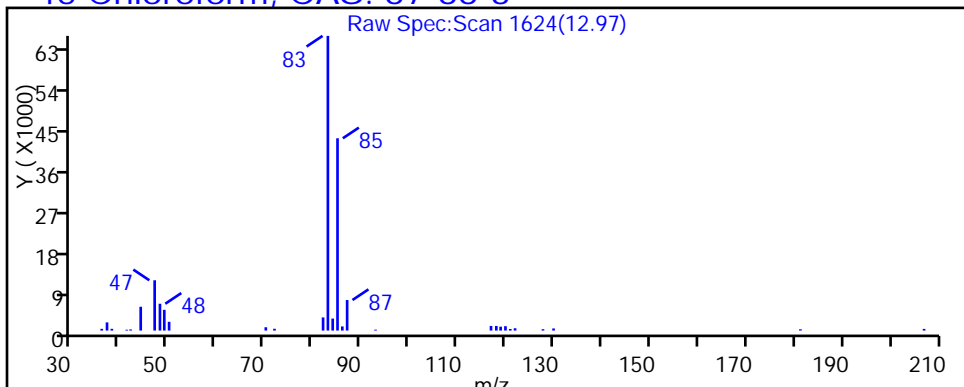
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

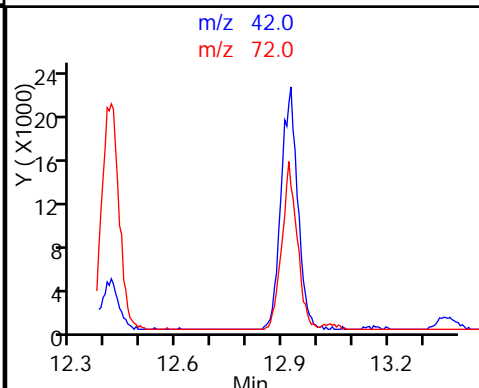
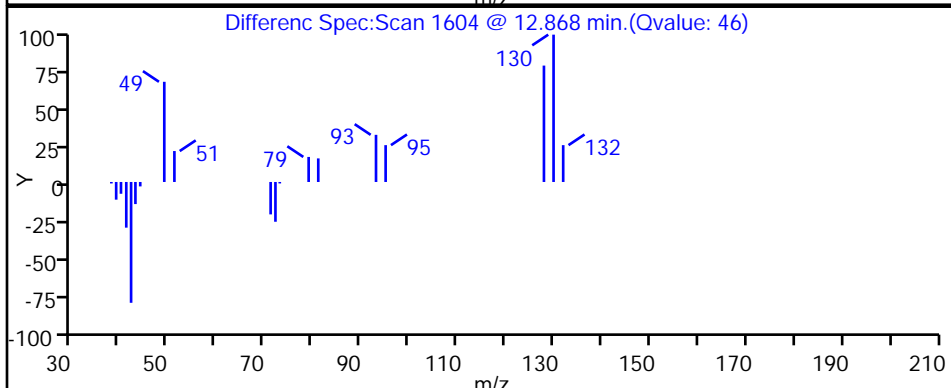
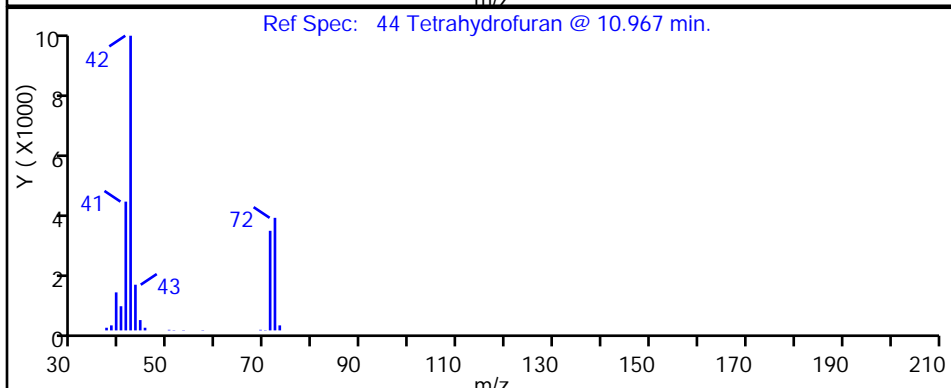
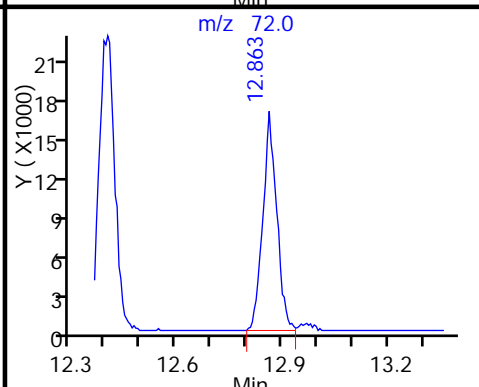
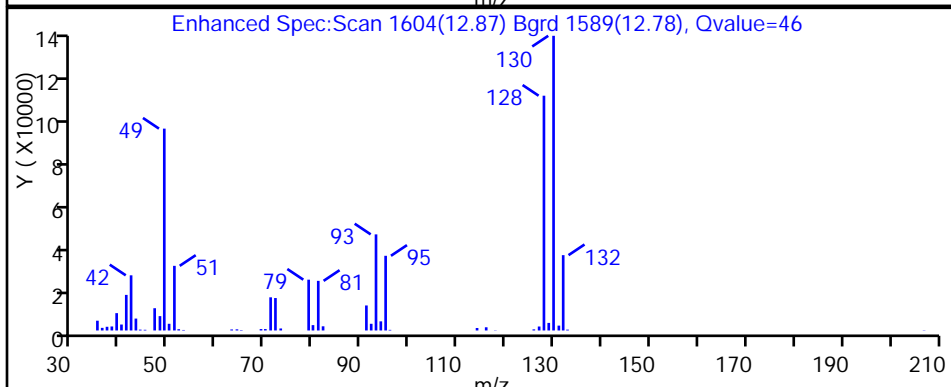
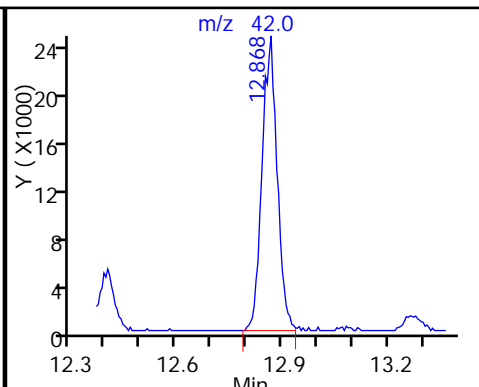
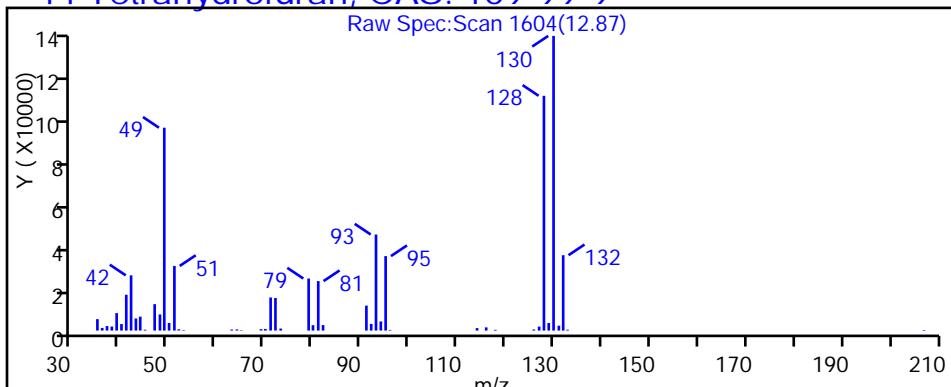
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Tetrahydrofuran, CAS: 109-99-9



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

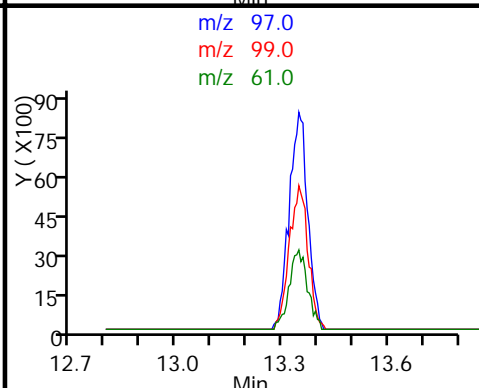
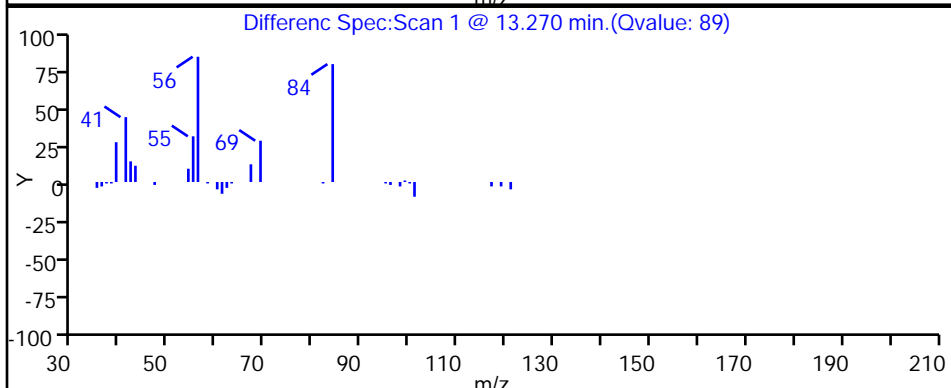
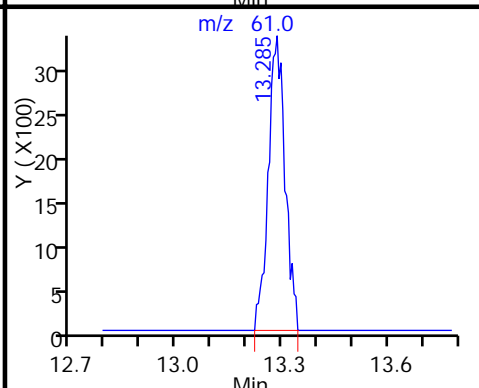
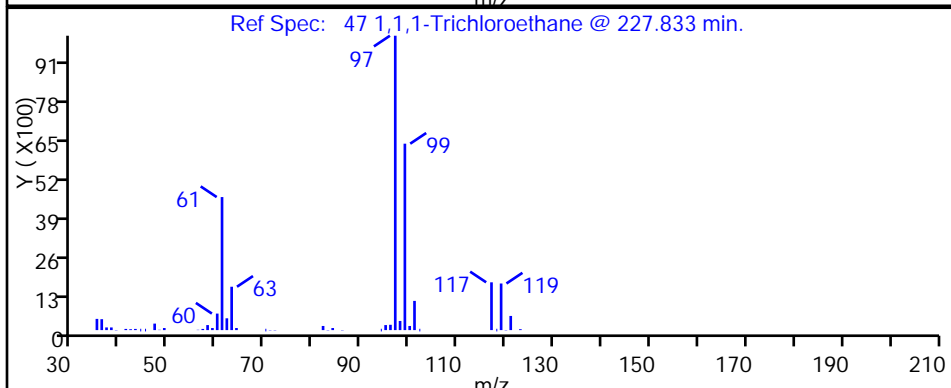
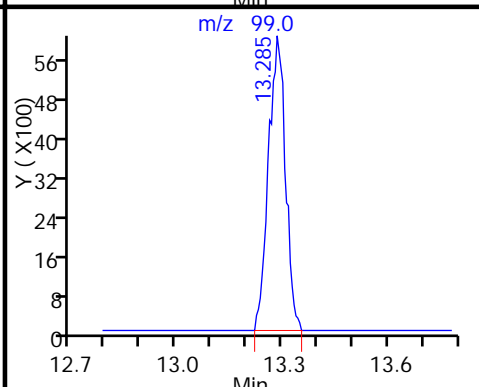
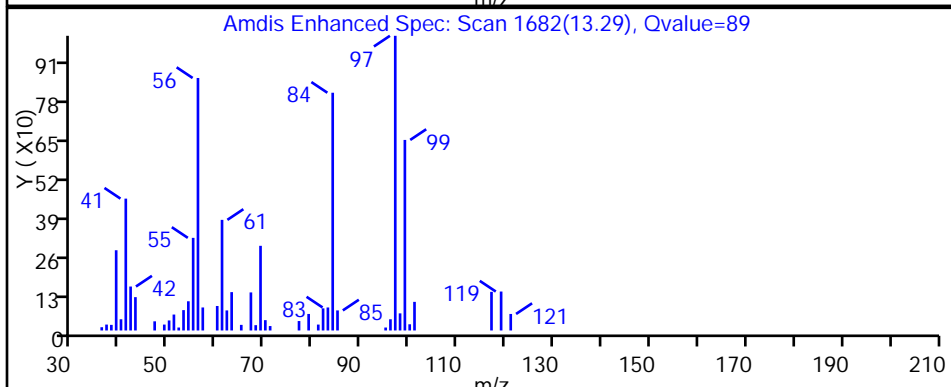
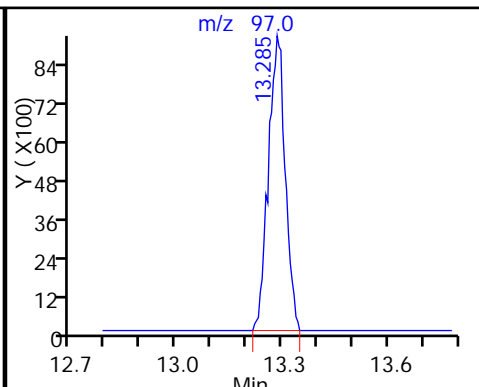
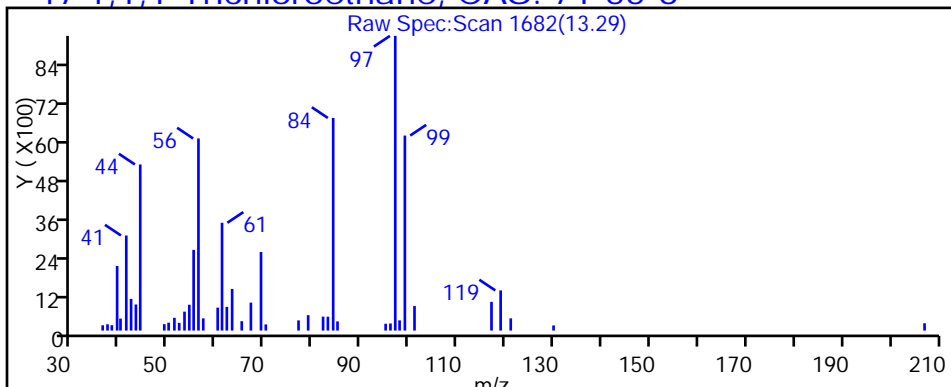
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

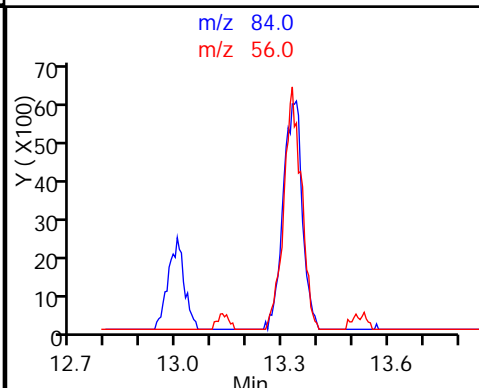
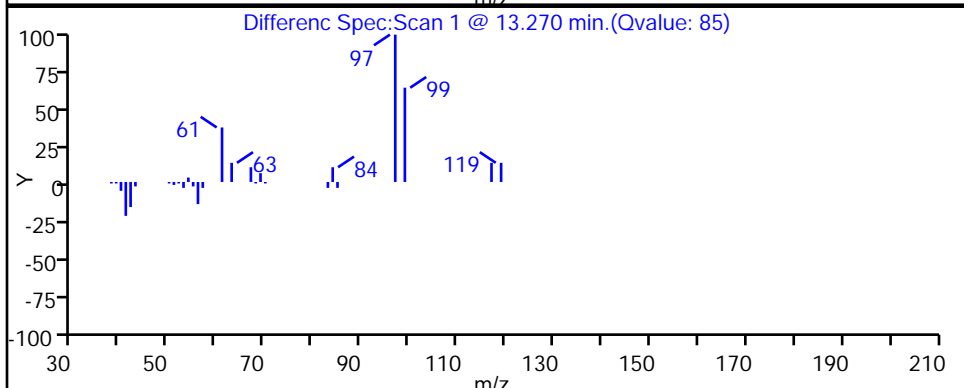
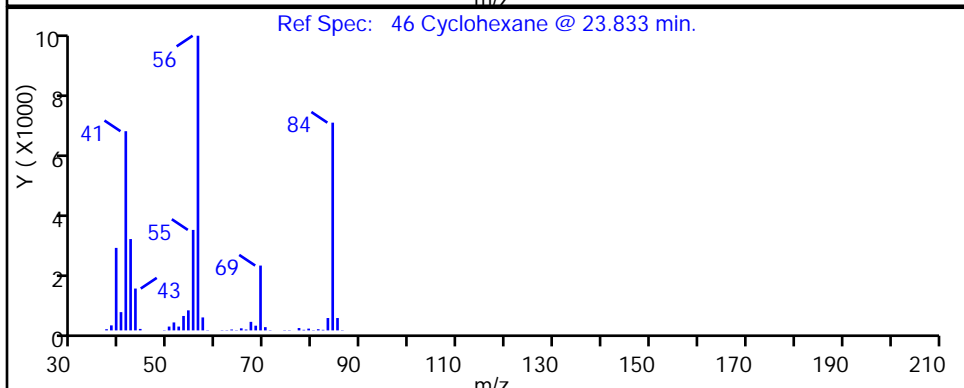
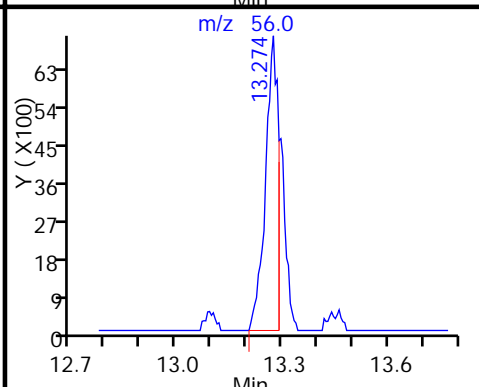
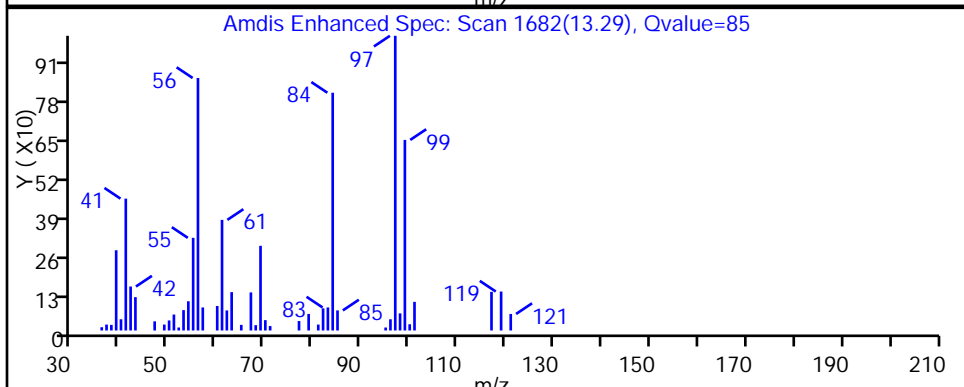
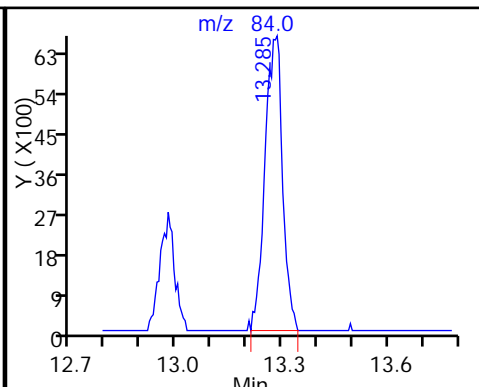
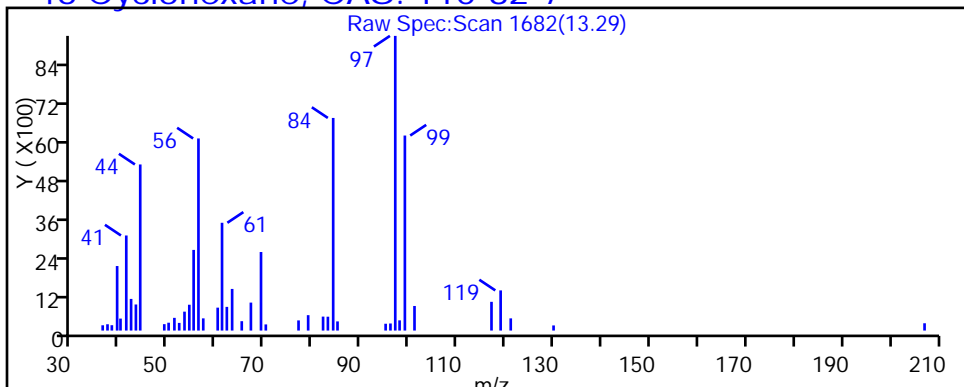
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

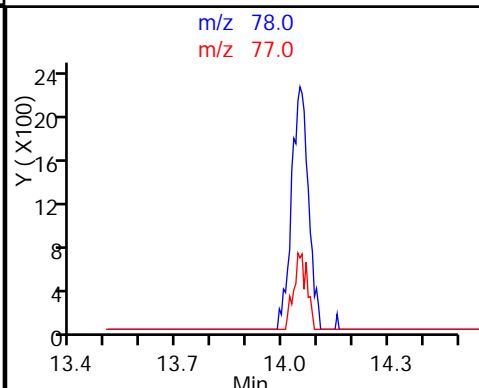
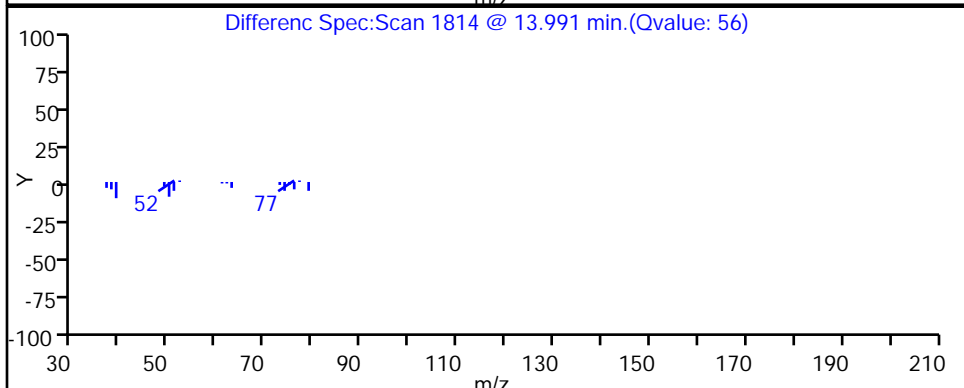
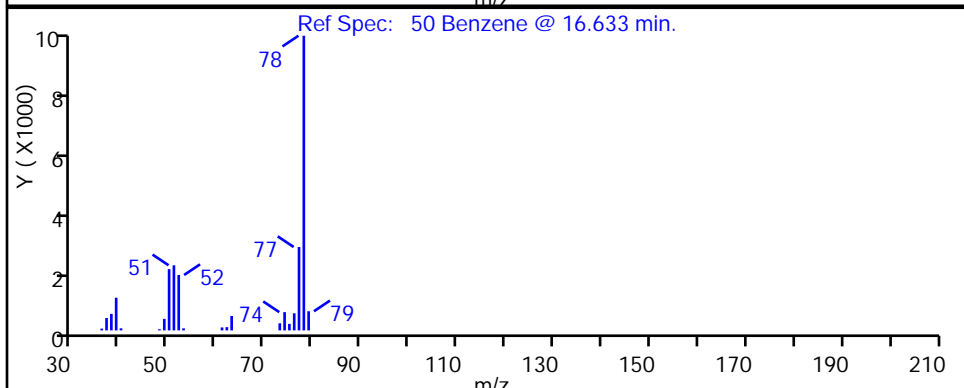
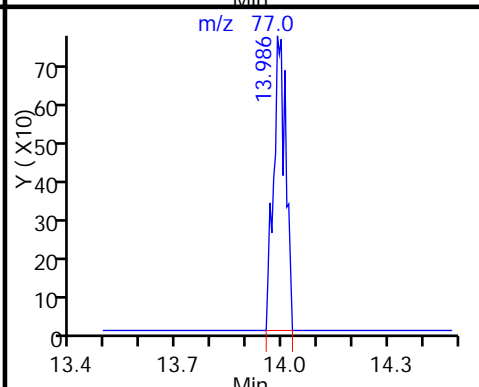
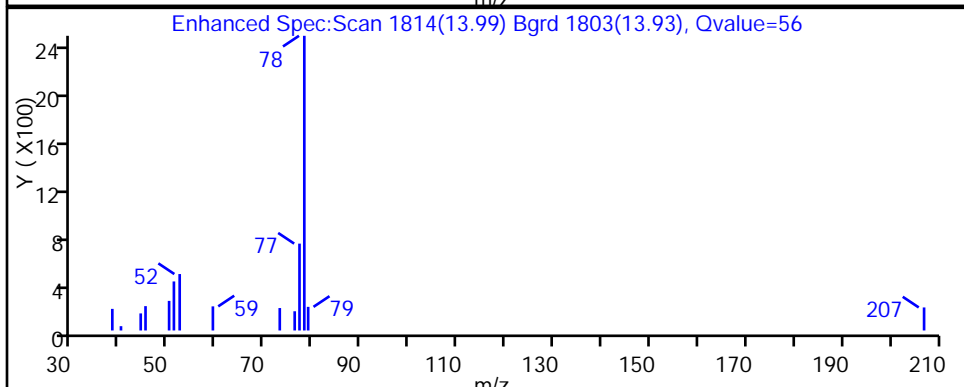
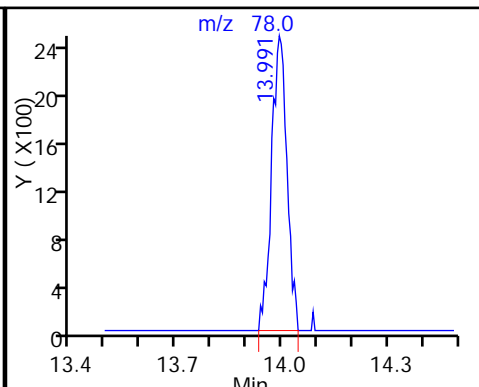
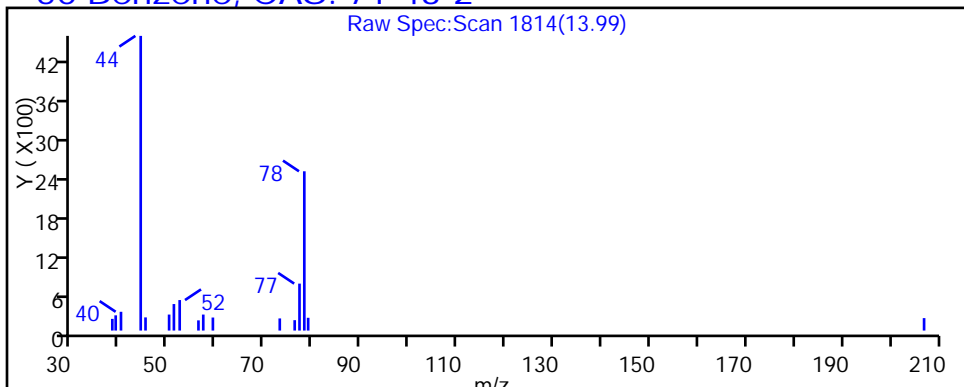
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Benzene, CAS: 71-43-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

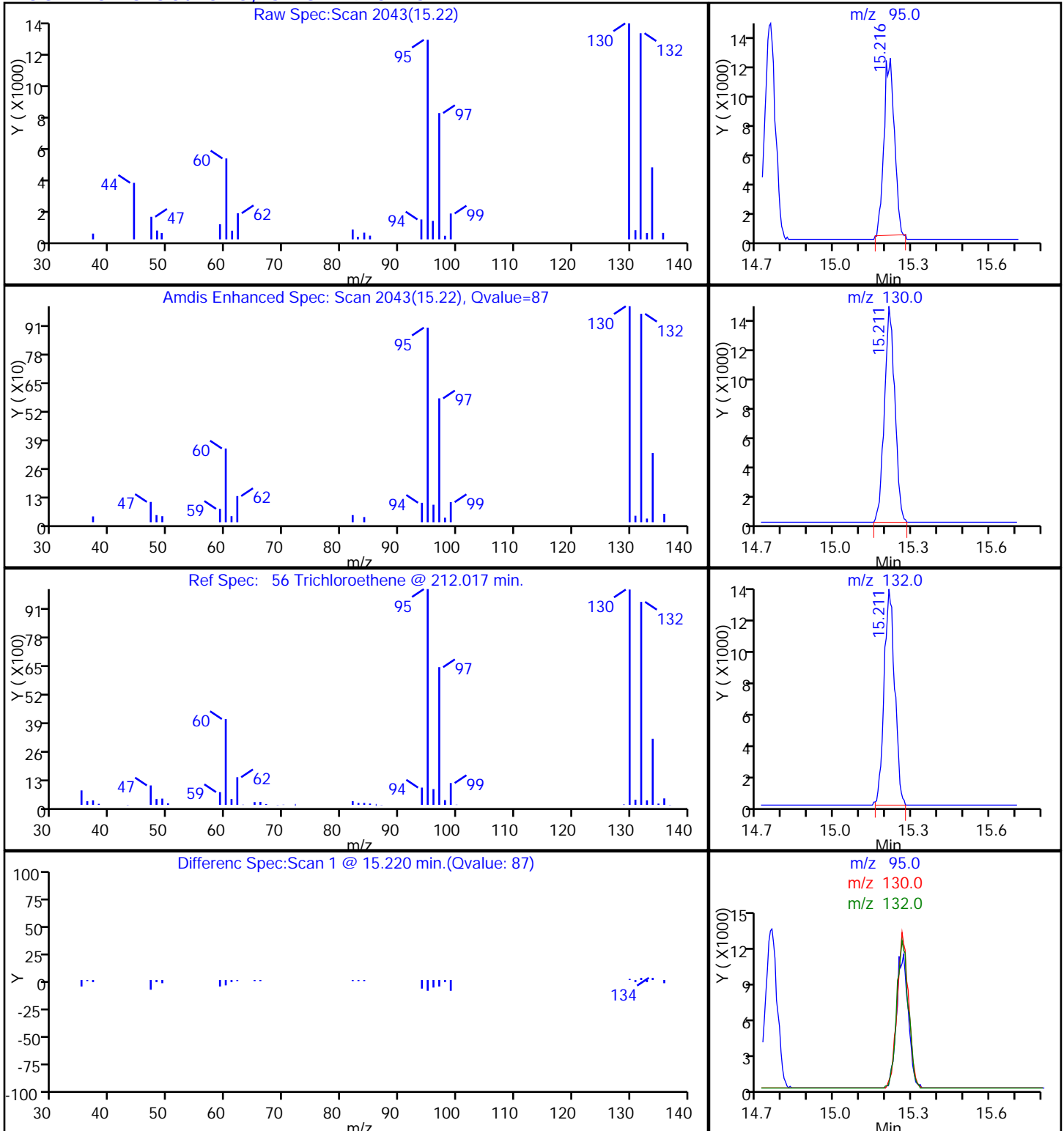
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

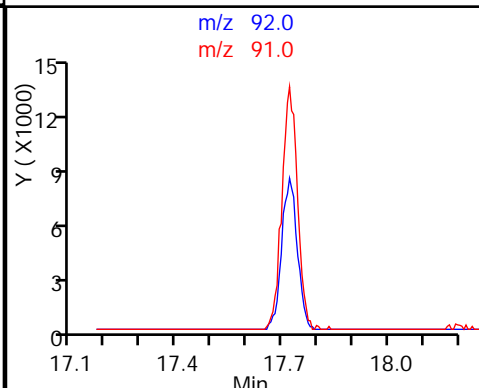
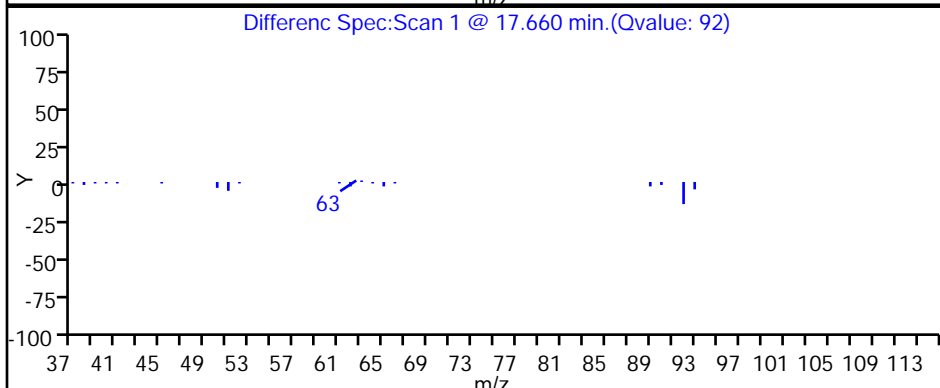
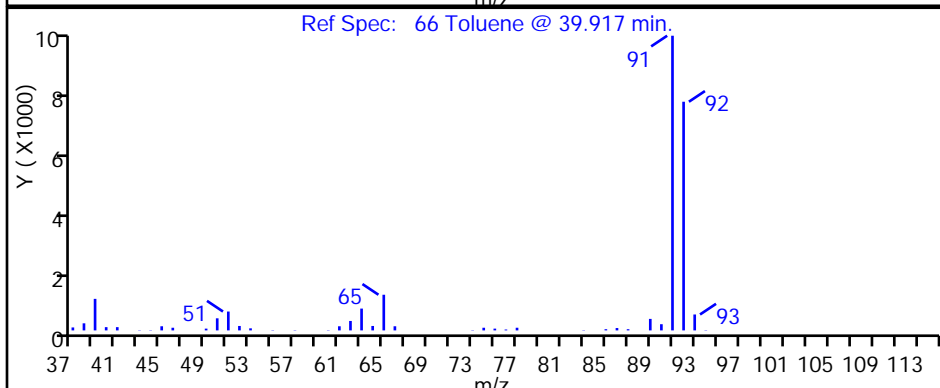
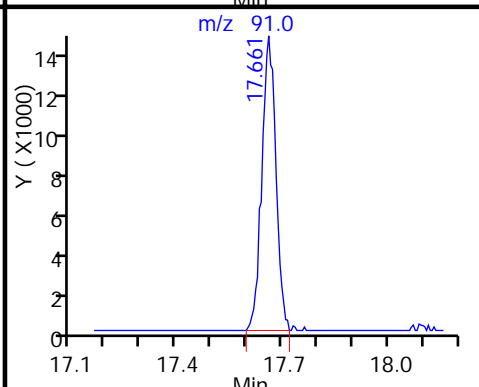
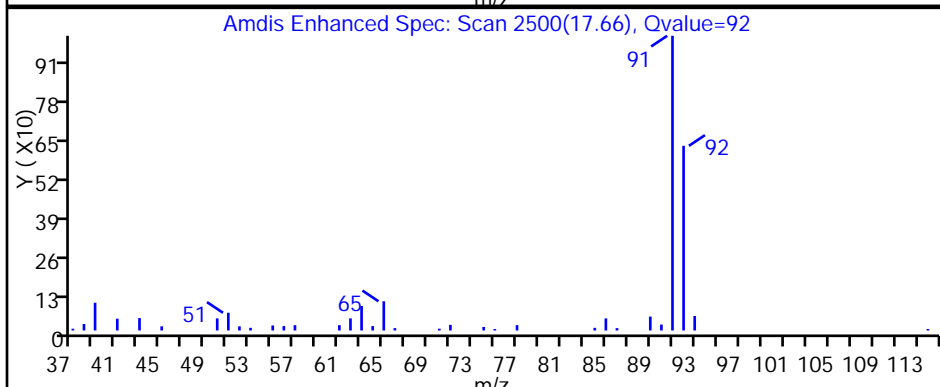
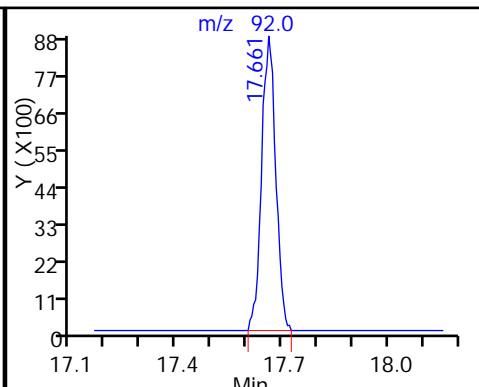
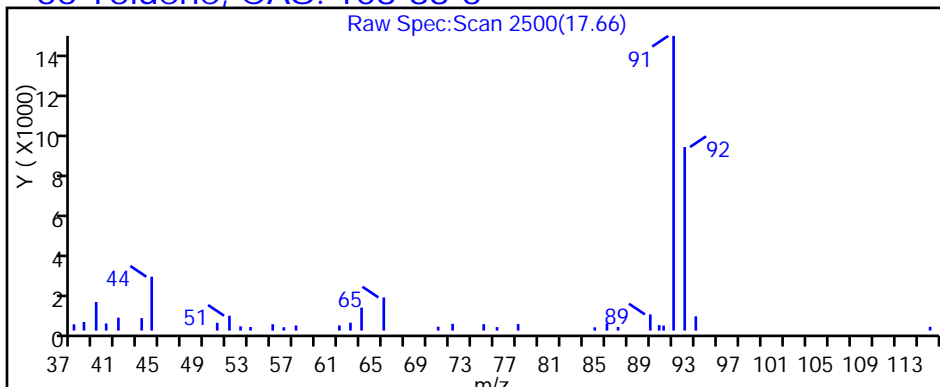
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 Toluene, CAS: 108-88-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

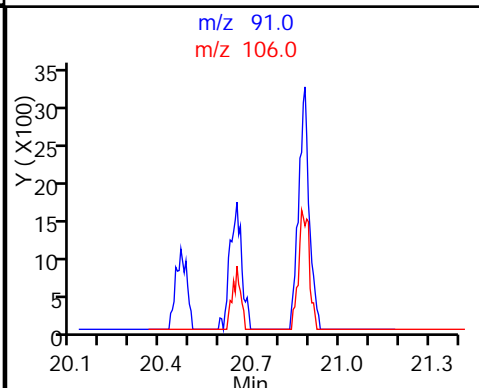
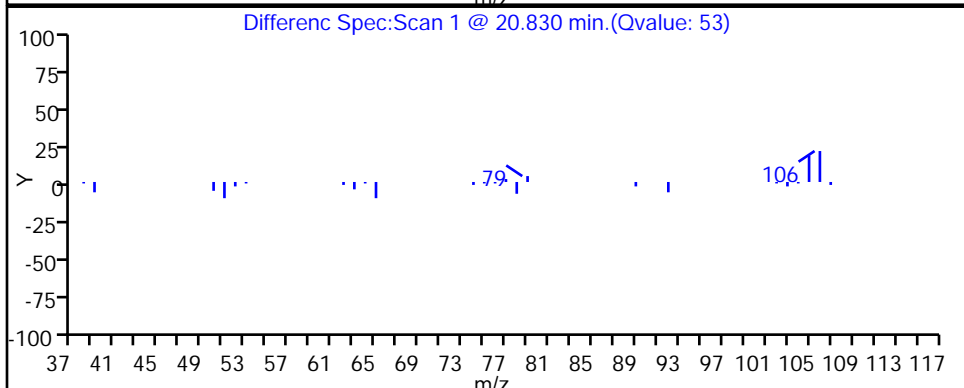
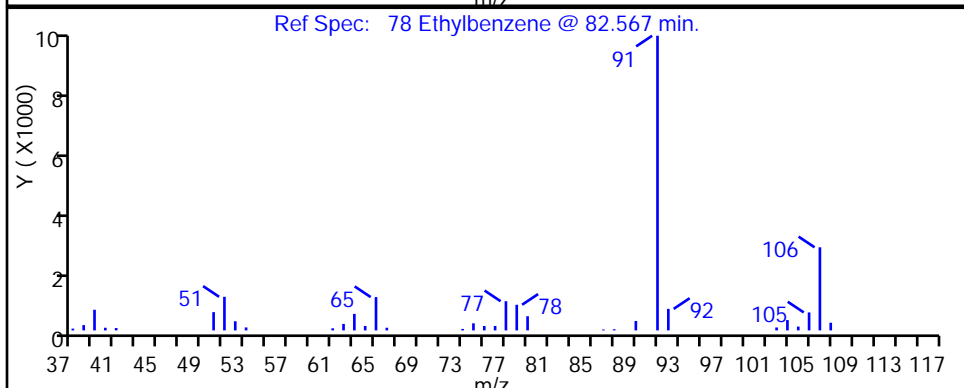
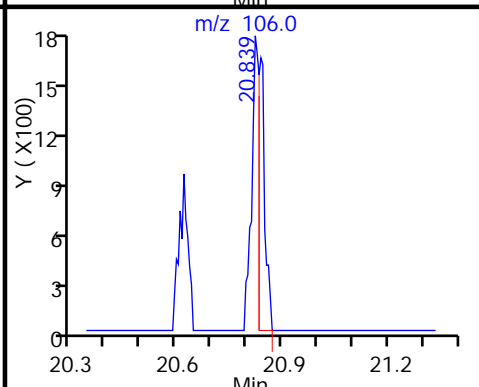
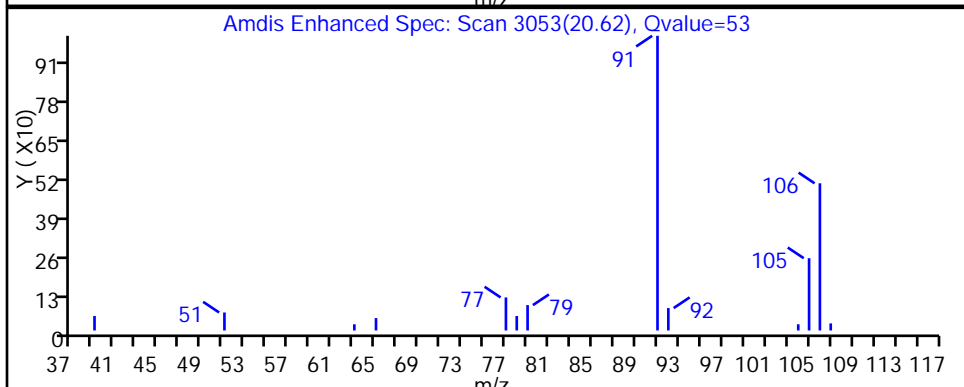
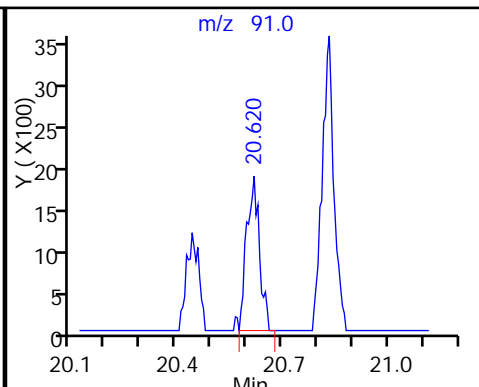
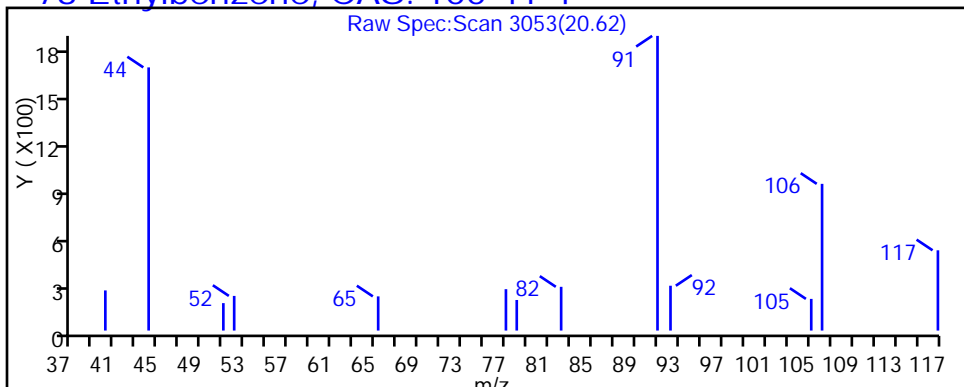
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

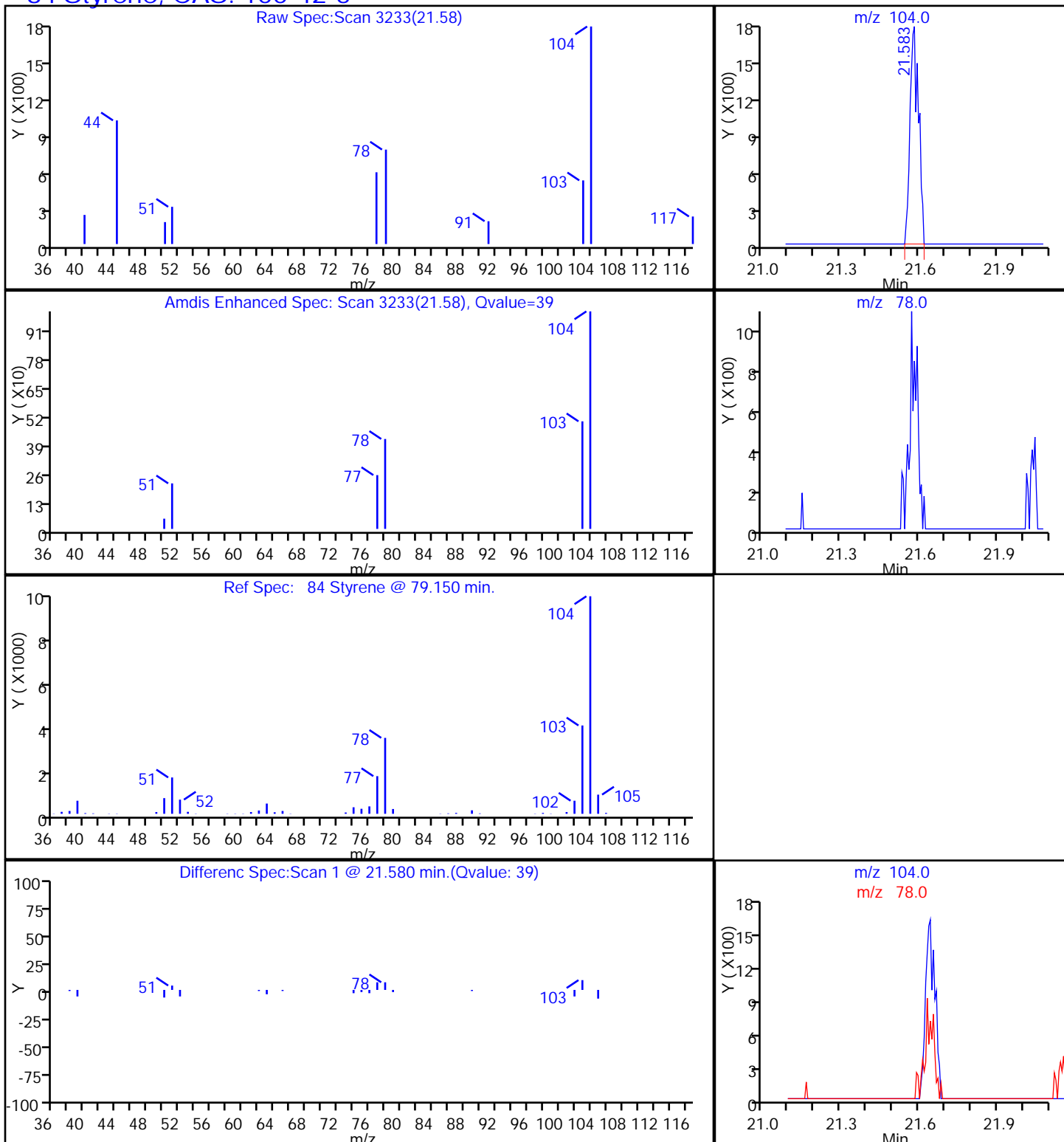
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 Styrene, CAS: 100-42-5



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d

Injection Date: 25-Feb-2014 00:04:30

Instrument ID: CHW.i

Lims ID: 200-20955-A-30

Lab Sample ID: 200-20955-30

Client ID: SS-DUP-021214

Operator ID: bl

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 200.000 mL

Dil. Factor: 7.4800

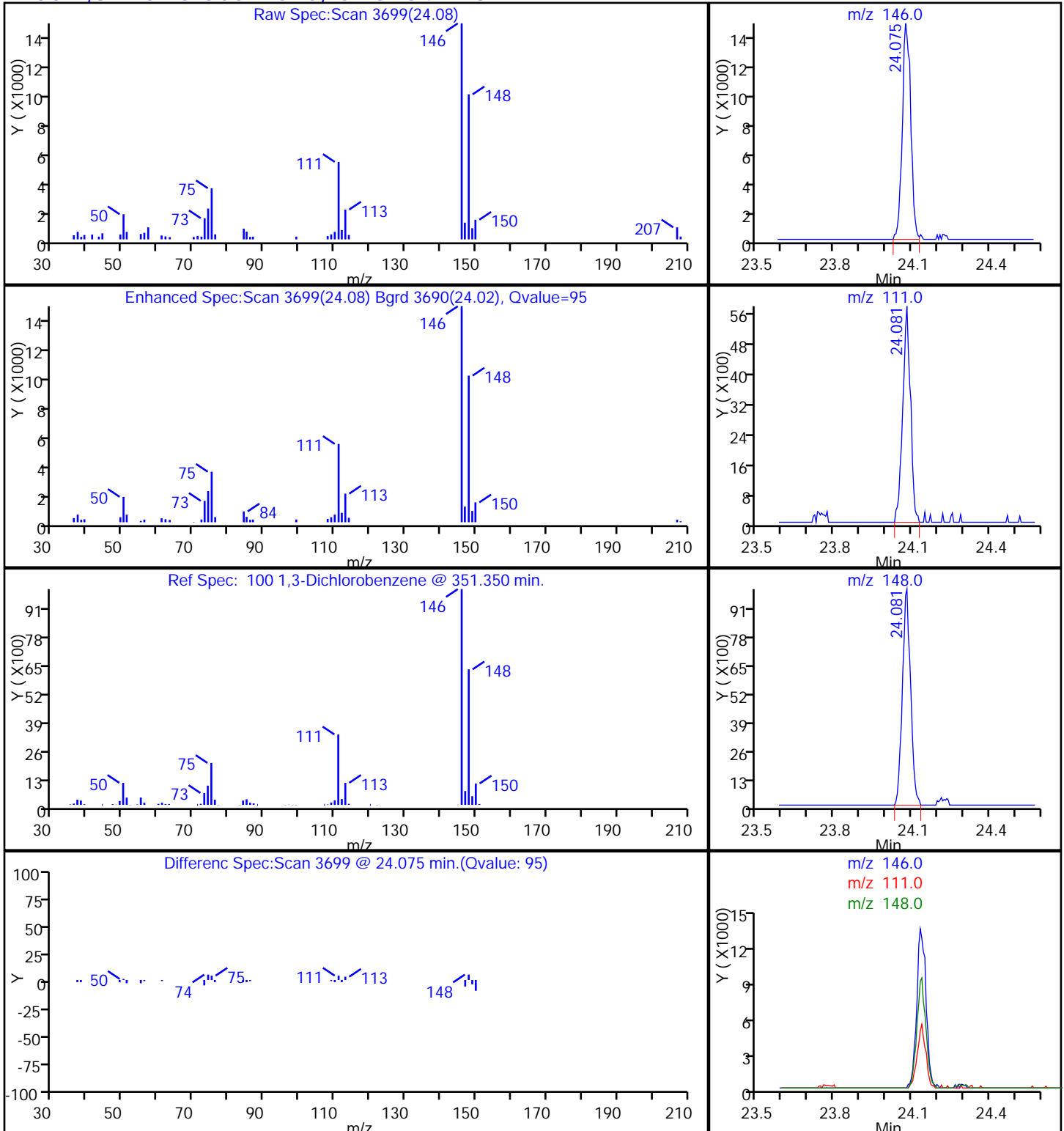
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



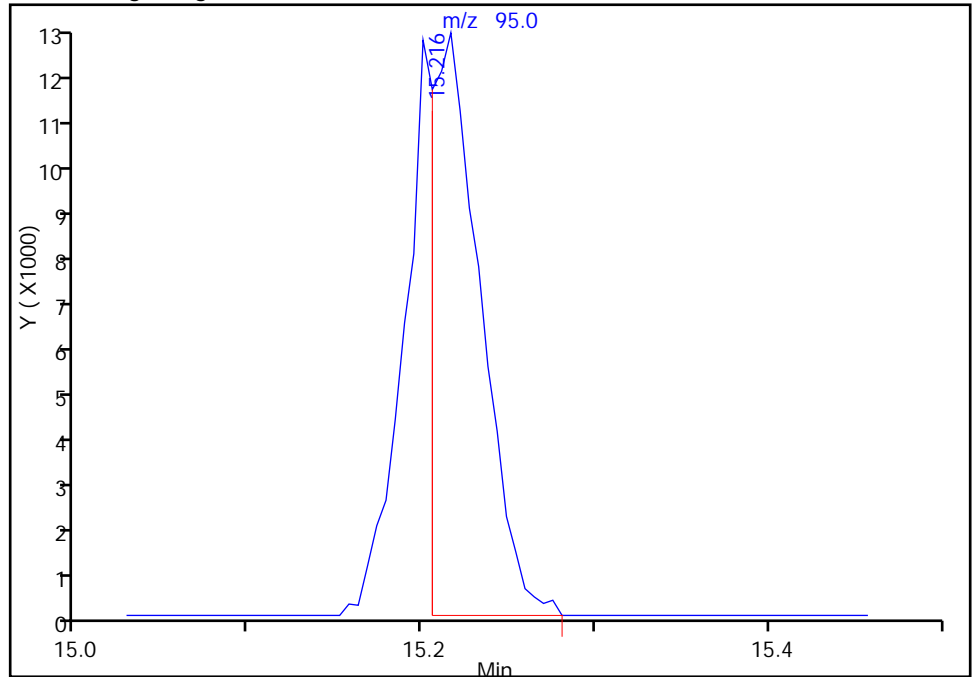
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d
Injection Date: 25-Feb-2014 00:04:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-30 Lab Sample ID: 200-20955-30
Client ID: SS-DUP-021214
Operator ID: bl ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 7.4800
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

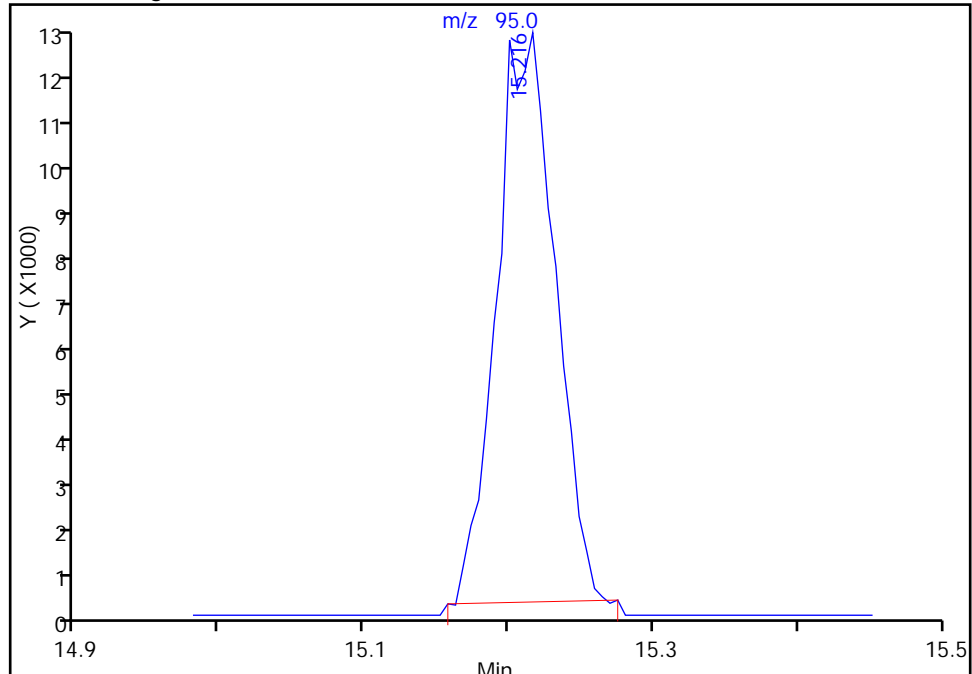
RT: 15.22
Response: 24474
Amount: 0.368937

Processing Integration Results



RT: 15.22
Response: 34008
Amount: 0.512659

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:43:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

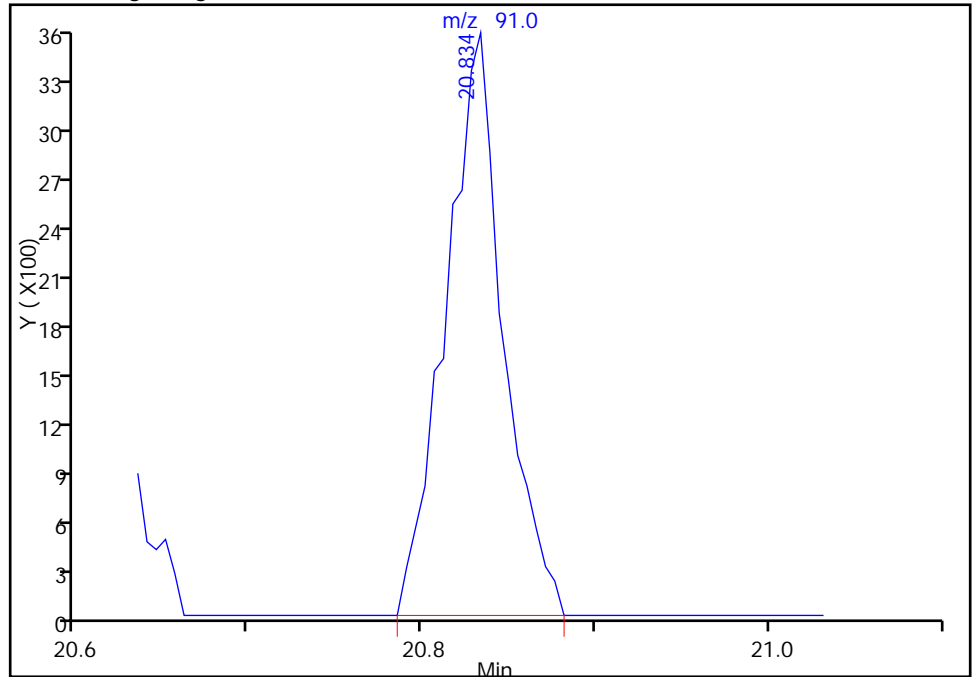
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_016.d
Injection Date: 25-Feb-2014 00:04:30 Instrument ID: CHW.i
Lims ID: 200-20955-A-30 Lab Sample ID: 200-20955-30
Client ID: SS-DUP-021214
Operator ID: bl ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 7.4800
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4

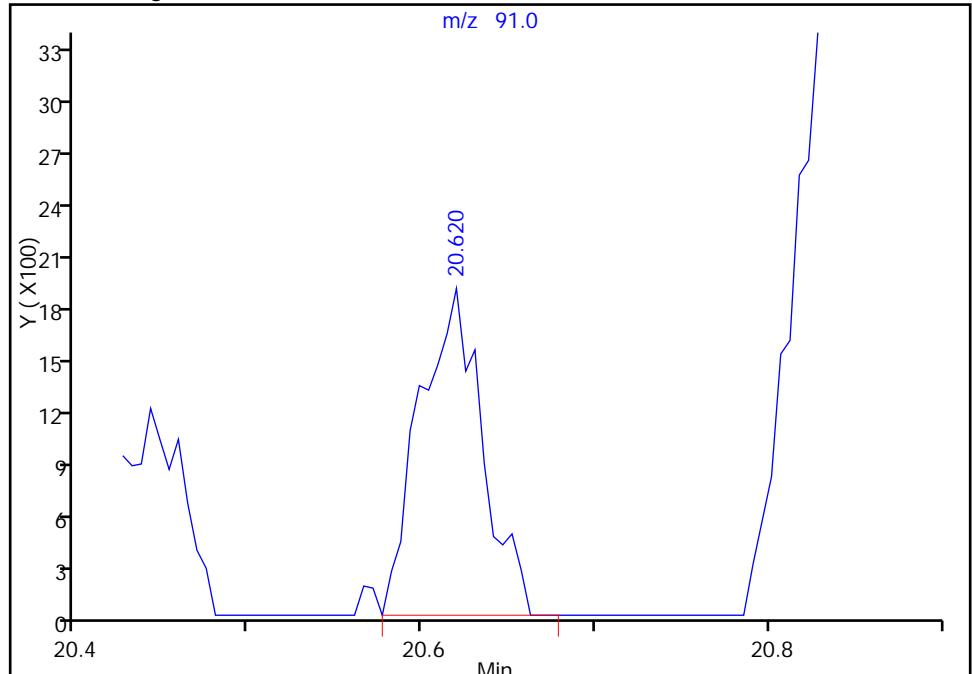
RT: 20.83
Response: 8278
Amount: 0.035213

Processing Integration Results



RT: 20.62
Response: 4714
Amount: 0.020052

Manual Integration Results



Reviewer: lyonsb, 25-Feb-2014 09:43:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7B Lab Sample ID: 200-20969-1
 Matrix: Air Lab File ID: 6282_020.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 16:58
 Sample wt/vol: 35 (mL) Date Analyzed: 02/25/2014 03:22
 Soil Aliquot Vol: _____ Dilution Factor: 23.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	12	U	12	0.71
75-45-6	Freon 22	86.47	12	U	12	1.1
76-14-2	Freon-114	170.92	4.8	U	4.8	0.83
74-87-3	Chloromethane	50.49	12	U	12	3.2
106-97-8	n-Butane	58.12	12	U	12	6.7
75-01-4	Vinyl chloride	62.50	0.95	U	0.95	0.90
106-99-0	1,3-Butadiene	54.09	4.8	U	4.8	1.0
74-83-9	Bromomethane	94.94	4.8	U	4.8	0.67
75-00-3	Chloroethane	64.52	12	U	12	0.71
593-60-2	Vinyl bromide	106.96	4.8	U	4.8	0.71
75-69-4	Freon 11	137.37	4.8	U	4.8	0.71
76-13-1	Freon 113	187.38	4.8	U	4.8	0.43
75-35-4	1,1-Dichloroethene	96.94	4.8	U	4.8	0.57
67-64-1	Acetone	58.08	120	U	120	30
67-63-0	Isopropyl alcohol	60.10	460		120	5.1
75-15-0	Carbon disulfide	76.14	12	U	12	1.6
107-05-1	Allyl chloride	76.53	12	U	12	0.81
75-09-2	Methylene Chloride	84.93	58		12	3.0
75-65-0	tert-Butyl alcohol	74.12	120	U	120	7.8
1634-04-4	Methyl tert-butyl ether	88.15	4.8	U	4.8	0.52
156-60-5	trans-1,2-Dichloroethene	96.94	4.8	U	4.8	0.69
110-54-3	Hexane	86.17	4.8	U	4.8	0.81
75-34-3	1,1-Dichloroethane	98.96	4.8	U	4.8	0.90
78-93-3	Methyl Ethyl Ketone	72.11	12	U	12	5.8
156-59-2	cis-1,2-Dichloroethene	96.94	4.8	U	4.8	0.90
540-59-0	1,2-Dichloroethene, Total	96.94	4.8	U	4.8	1.5
67-66-3	Chloroform	119.38	2.5	J	4.8	0.60
109-99-9	Tetrahydrofuran	72.11	120	U	120	1.1
71-55-6	1,1,1-Trichloroethane	133.41	4.8	U	4.8	0.50
110-82-7	Cyclohexane	84.16	4.8	U	4.8	0.60
56-23-5	Carbon tetrachloride	153.81	0.95	U	0.95	0.50
540-84-1	2,2,4-Trimethylpentane	114.23	4.8	U	4.8	0.64
71-43-2	Benzene	78.11	4.8	U	4.8	0.45
107-06-2	1,2-Dichloroethane	98.96	4.8	U	4.8	0.40
142-82-5	Heptane	100.21	4.8	U	4.8	1.1

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7B Lab Sample ID: 200-20969-1
 Matrix: Air Lab File ID: 6282_020.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 16:58
 Sample wt/vol: 35 (mL) Date Analyzed: 02/25/2014 03:22
 Soil Aliquot Vol: _____ Dilution Factor: 23.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.95	U	0.95	0.57
80-62-6	Methyl methacrylate	100.12	12	U	12	0.71
78-87-5	1,2-Dichloropropane	112.99	4.8	U	4.8	0.76
123-91-1	1,4-Dioxane	88.11	120	U	120	4.8
75-27-4	Bromodichloromethane	163.83	4.8	U	4.8	0.40
10061-01-5	cis-1,3-Dichloropropene	110.97	4.8	U	4.8	0.67
108-10-1	methyl isobutyl ketone	100.16	12	U	12	0.64
108-88-3	Toluene	92.14	4.8	U	4.8	0.40
10061-02-6	trans-1,3-Dichloropropene	110.97	4.8	U	4.8	0.52
79-00-5	1,1,2-Trichloroethane	133.41	4.8	U	4.8	0.40
127-18-4	Tetrachloroethene	165.83	4.8	U	4.8	0.38
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	12	U	12	4.8
124-48-1	Dibromochloromethane	208.29	4.8	U	4.8	0.48
106-93-4	1,2-Dibromoethane	187.87	4.8	U	4.8	0.48
108-90-7	Chlorobenzene	112.56	4.8	U	4.8	0.19
100-41-4	Ethylbenzene	106.17	4.8	U	4.8	0.31
179601-23-1	m,p-Xylene	106.17	12	U	12	0.55
95-47-6	Xylene, o-	106.17	4.8	U	4.8	0.38
1330-20-7	Xylene (total)	106.17	4.8	U	4.8	0.81
100-42-5	Styrene	104.15	4.8	U	4.8	0.43
75-25-2	Bromoform	252.75	4.8	U	4.8	0.24
79-34-5	1,1,2,2-Tetrachloroethane	167.85	4.8	U	4.8	0.38
103-65-1	n-Propylbenzene	120.19	4.8	U	4.8	1.9
622-96-8	4-Ethyltoluene	120.20	4.8	U	4.8	0.43
108-67-8	1,3,5-Trimethylbenzene	120.20	4.8	U	4.8	0.29
95-49-8	2-Chlorotoluene	126.59	4.8	U	4.8	0.31
98-06-6	tert-Butylbenzene	134.22	4.8	U	4.8	0.40
95-63-6	1,2,4-Trimethylbenzene	120.20	4.8	U	4.8	0.33
135-98-8	sec-Butylbenzene	134.22	4.8	U	4.8	1.9
99-87-6	4-Isopropyltoluene	134.22	4.8	U	4.8	1.9
541-73-1	1,3-Dichlorobenzene	147.00	2.1	J B	4.8	0.33
106-46-7	1,4-Dichlorobenzene	147.00	4.8	U	4.8	0.33
100-44-7	Benzyl chloride	126.58	4.8	U	4.8	1.9
104-51-8	n-Butylbenzene	134.22	4.8	U	4.8	1.9

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7B Lab Sample ID: 200-20969-1
 Matrix: Air Lab File ID: 6282_020.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 16:58
 Sample wt/vol: 35(mL) Date Analyzed: 02/25/2014 03:22
 Soil Aliquot Vol.: _____ Dilution Factor: 23.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	4.8	U	4.8	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	12	U	12	0.64
87-68-3	Hexachloro-1,3-butadiene	260.76	4.8	U	4.8	0.52
91-20-3	Naphthalene	128.17	12	U	12	4.8

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7B Lab Sample ID: 200-20969-1
 Matrix: Air Lab File ID: 6282_020.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 16:58
 Sample wt/vol: 35 (mL) Date Analyzed: 02/25/2014 03:22
 Soil Aliquot Vol: _____ Dilution Factor: 23.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	59	U	59	3.5
75-45-6	Freon 22	86.47	42	U	42	4.0
76-14-2	Freon-114	170.92	33	U	33	5.8
74-87-3	Chloromethane	50.49	25	U	25	6.7
106-97-8	n-Butane	58.12	28	U	28	16
75-01-4	Vinyl chloride	62.50	2.4	U	2.4	2.3
106-99-0	1,3-Butadiene	54.09	11	U	11	2.2
74-83-9	Bromomethane	94.94	18	U	18	2.6
75-00-3	Chloroethane	64.52	31	U	31	1.9
593-60-2	Vinyl bromide	106.96	21	U	21	3.1
75-69-4	Freon 11	137.37	27	U	27	4.0
76-13-1	Freon 113	187.38	36	U	36	3.3
75-35-4	1,1-Dichloroethene	96.94	19	U	19	2.3
67-64-1	Acetone	58.08	280	U	280	71
67-63-0	Isopropyl alcohol	60.10	1100		290	13
75-15-0	Carbon disulfide	76.14	37	U	37	4.9
107-05-1	Allyl chloride	76.53	37	U	37	2.5
75-09-2	Methylene Chloride	84.93	200		41	10
75-65-0	tert-Butyl alcohol	74.12	360	U	360	24
1634-04-4	Methyl tert-butyl ether	88.15	17	U	17	1.9
156-60-5	trans-1,2-Dichloroethene	96.94	19	U	19	2.7
110-54-3	Hexane	86.17	17	U	17	2.9
75-34-3	1,1-Dichloroethane	98.96	19	U	19	3.7
78-93-3	Methyl Ethyl Ketone	72.11	35	U	35	17
156-59-2	cis-1,2-Dichloroethene	96.94	19	U	19	3.6
540-59-0	1,2-Dichloroethene, Total	96.94	19	U	19	6.0
67-66-3	Chloroform	119.38	12	J	23	2.9
109-99-9	Tetrahydrofuran	72.11	350	U	350	3.2
71-55-6	1,1,1-Trichloroethane	133.41	26	U	26	2.7
110-82-7	Cyclohexane	84.16	16	U	16	2.0
56-23-5	Carbon tetrachloride	153.81	6.0	U	6.0	3.1
540-84-1	2,2,4-Trimethylpentane	114.23	22	U	22	3.0
71-43-2	Benzene	78.11	15	U	15	1.4
107-06-2	1,2-Dichloroethane	98.96	19	U	19	1.6
142-82-5	Heptane	100.21	20	U	20	4.5

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7B Lab Sample ID: 200-20969-1
 Matrix: Air Lab File ID: 6282_020.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 16:58
 Sample wt/vol: 35 (mL) Date Analyzed: 02/25/2014 03:22
 Soil Aliquot Vol: _____ Dilution Factor: 23.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	5.1	U	5.1	3.1
80-62-6	Methyl methacrylate	100.12	49	U	49	2.9
78-87-5	1,2-Dichloropropane	112.99	22	U	22	3.5
123-91-1	1,4-Dioxane	88.11	430	U	430	17
75-27-4	Bromodichloromethane	163.83	32	U	32	2.7
10061-01-5	cis-1,3-Dichloropropene	110.97	22	U	22	3.0
108-10-1	methyl isobutyl ketone	100.16	49	U	49	2.6
108-88-3	Toluene	92.14	18	U	18	1.5
10061-02-6	trans-1,3-Dichloropropene	110.97	22	U	22	2.4
79-00-5	1,1,2-Trichloroethane	133.41	26	U	26	2.2
127-18-4	Tetrachloroethene	165.83	32	U	32	2.6
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	49	U	49	20
124-48-1	Dibromochloromethane	208.29	41	U	41	4.1
106-93-4	1,2-Dibromoethane	187.87	37	U	37	3.7
108-90-7	Chlorobenzene	112.56	22	U	22	0.89
100-41-4	Ethylbenzene	106.17	21	U	21	1.3
179601-23-1	m,p-Xylene	106.17	52	U	52	2.4
95-47-6	Xylene, o-	106.17	21	U	21	1.7
1330-20-7	Xylene (total)	106.17	21	U	21	3.5
100-42-5	Styrene	104.15	20	U	20	1.8
75-25-2	Bromoform	252.75	49	U	49	2.5
79-34-5	1,1,2,2-Tetrachloroethane	167.85	33	U	33	2.6
103-65-1	n-Propylbenzene	120.19	23	U	23	9.4
622-96-8	4-Ethyltoluene	120.20	23	U	23	2.1
108-67-8	1,3,5-Trimethylbenzene	120.20	23	U	23	1.4
95-49-8	2-Chlorotoluene	126.59	25	U	25	1.6
98-06-6	tert-Butylbenzene	134.22	26	U	26	2.2
95-63-6	1,2,4-Trimethylbenzene	120.20	23	U	23	1.6
135-98-8	sec-Butylbenzene	134.22	26	U	26	10
99-87-6	4-Isopropyltoluene	134.22	26	U	26	10
541-73-1	1,3-Dichlorobenzene	147.00	13	J B	29	2.0
106-46-7	1,4-Dichlorobenzene	147.00	29	U	29	2.0
100-44-7	Benzyl chloride	126.58	25	U	25	9.9
104-51-8	n-Butylbenzene	134.22	26	U	26	10

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: SS-VMP-7B Lab Sample ID: 200-20969-1
 Matrix: Air Lab File ID: 6282_020.d
 Analysis Method: TO-15 Date Collected: 02/13/2014 16:58
 Sample wt/vol: 35(mL) Date Analyzed: 02/25/2014 03:22
 Soil Aliquot Vol: _____ Dilution Factor: 23.8
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	29	U	29	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	88	U	88	4.8
87-68-3	Hexachloro-1,3-butadiene	260.76	51	U	51	5.6
91-20-3	Naphthalene	128.17	62	U	62	25

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_020.d
 Lims ID: 200-20969-A-1 Lab Sample ID: 200-20969-1
 Client ID: SS-VMP-7B
 Sample Type: Client
 Inject. Date: 25-Feb-2014 03:22:30 ALS Bottle#: 3 Worklist Smp#: 20
 Purge Vol: 200.000 mL Dil. Factor: 23.8000
 Sample Info: 200-0006282-020
 Misc. Info.: 200-20969-A-1@23.8 cdf=4.17 35ml
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 10:25:09 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 09:54:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.433					
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43		8.743					
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45	9.085	9.027	0.058	97	950894	19.5	
29 3-Chloro-1-propene	41		9.401					
31 Methylene Chloride	49	9.754	9.727	0.027	80	99385	2.45	
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.155					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.230					
36 Hexane	57		10.648					
37 1,1-Dichloroethane	63		11.193					
39 cis-1,2-Dichloroethene	96		12.370					
40 2-Butanone (MEK)	72		12.386					
44 Tetrahydrofuran	42		12.846					
* 43 Chlorobromomethane	128	12.868	12.857	0.011	69	401746	10.0	
45 Chloroform	83	12.975	12.964	0.011	78	14110	0.1048	
46 Cyclohexane	84		13.258					
47 1,1,1-Trichloroethane	97		13.274					

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	48			117	13.531		
	51			57	13.922		
	50			78	13.980		
	52			62	14.141		
	53			43	14.269		
*	54			114	14.756	14.745	0.011 92 1895869 10.0
	56			95	15.206		
	58			63	15.730		
	59			69	15.810		
	60			88	15.901		
	62			83	16.217		
	64			75	17.083		
	65			43	17.319		
	66			92	17.656		
	70			75	18.191		
	71			83	18.554		
	72			166	18.699		
	73			43	18.945		
	74			129	19.314		
	75			107	19.598		
S	82			106	20.100		
*	76			117	20.443	20.443	0.0 84 1594394 10.0
	77			112	20.496		
	78			91	20.614		
	80			106	20.833		
	83			106	21.545		
	84			104	21.582		
	85			173	21.957		
\$	87			95	22.444	22.444	0.0 97 1066294 NC
	88			83	22.668		
	90			91	22.743		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.086	24.081	0.005 92 20181 0.0891
	101			146	24.225		
	102			91	24.434		
	103			91	24.648		
	105			146	24.830		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_020.d

Injection Date: 25-Feb-2014 03:22:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: 200-20969-A-1

Lab Sample ID: 200-20969-1

Worklist Smp#: 20

Client ID: SS-VMP-7B

Purge Vol: 200.000 mL

Dil. Factor: 23.8000

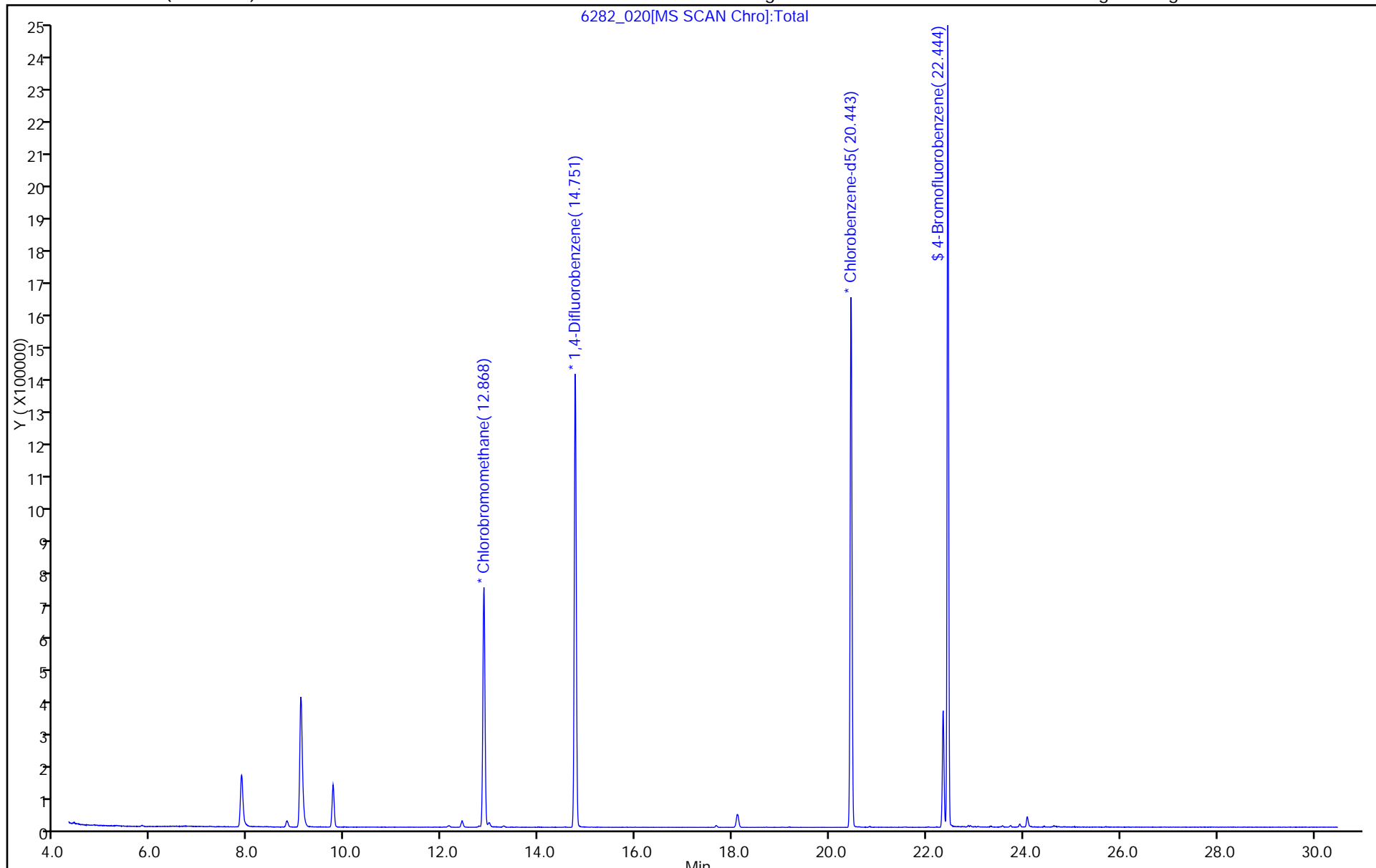
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_020.d

Injection Date: 25-Feb-2014 03:22:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-1

Lab Sample ID: 200-20969-1

Client ID: SS-VMP-7B

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 23.8000

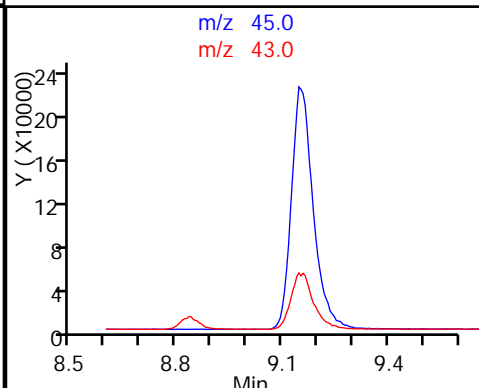
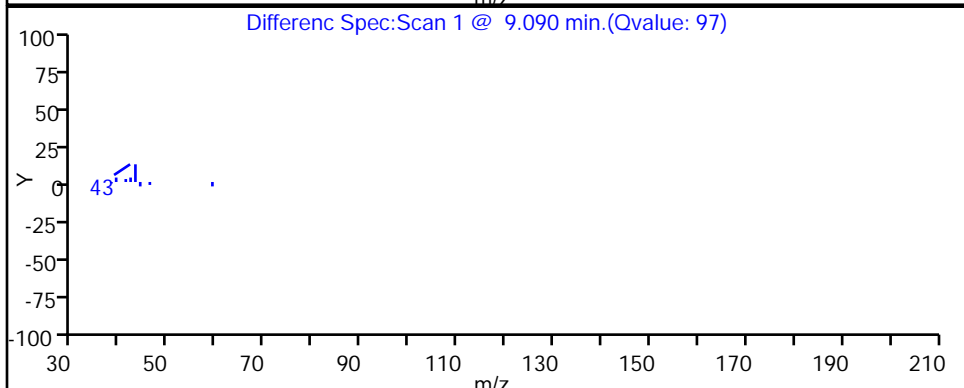
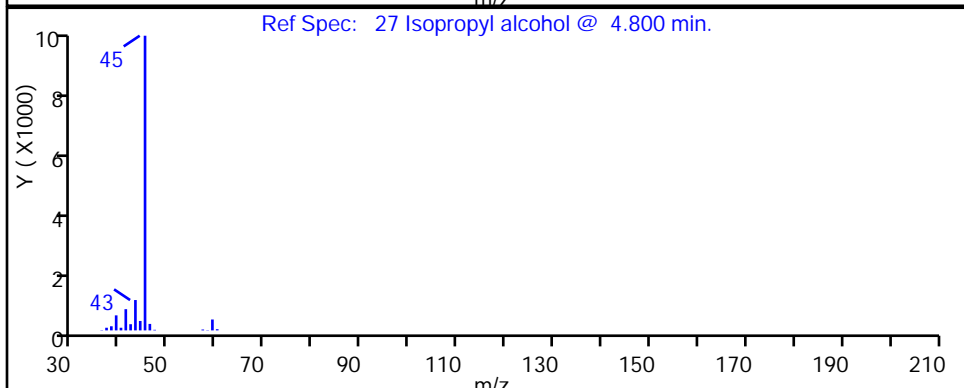
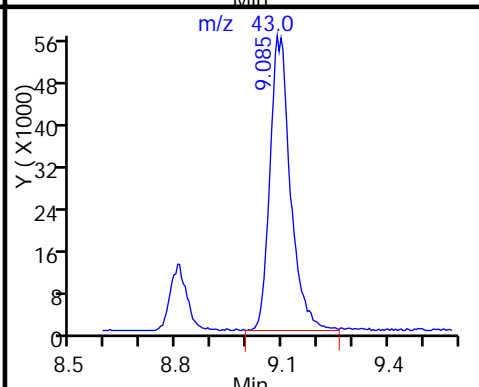
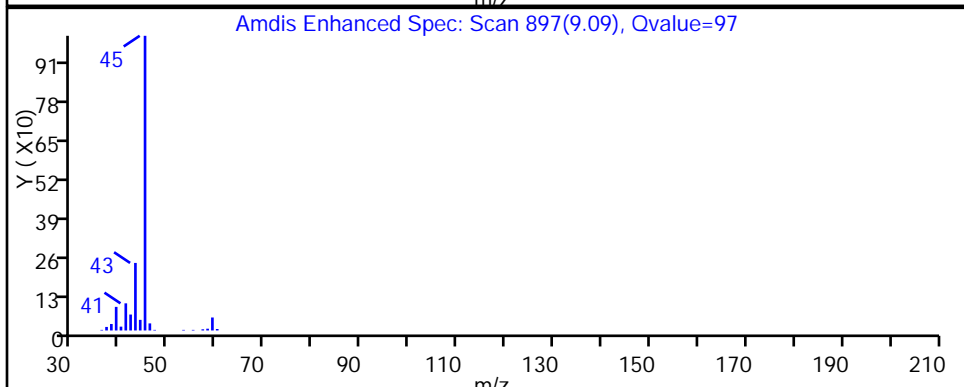
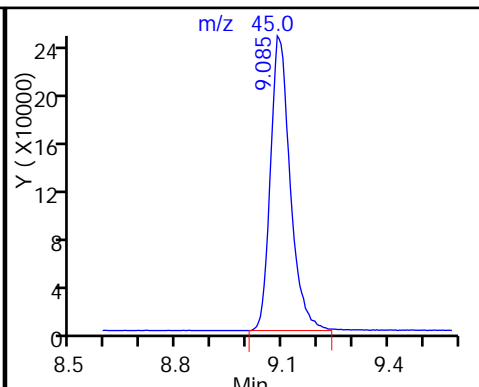
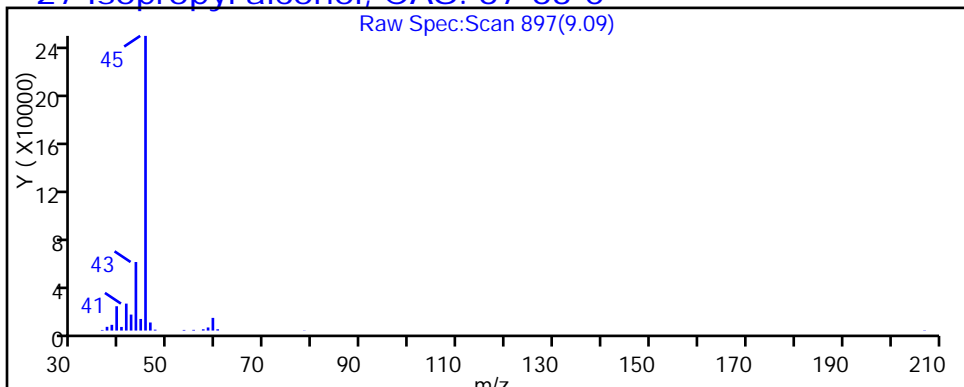
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_020.d

Injection Date: 25-Feb-2014 03:22:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-1

Lab Sample ID: 200-20969-1

Client ID: SS-VMP-7B

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 23.8000

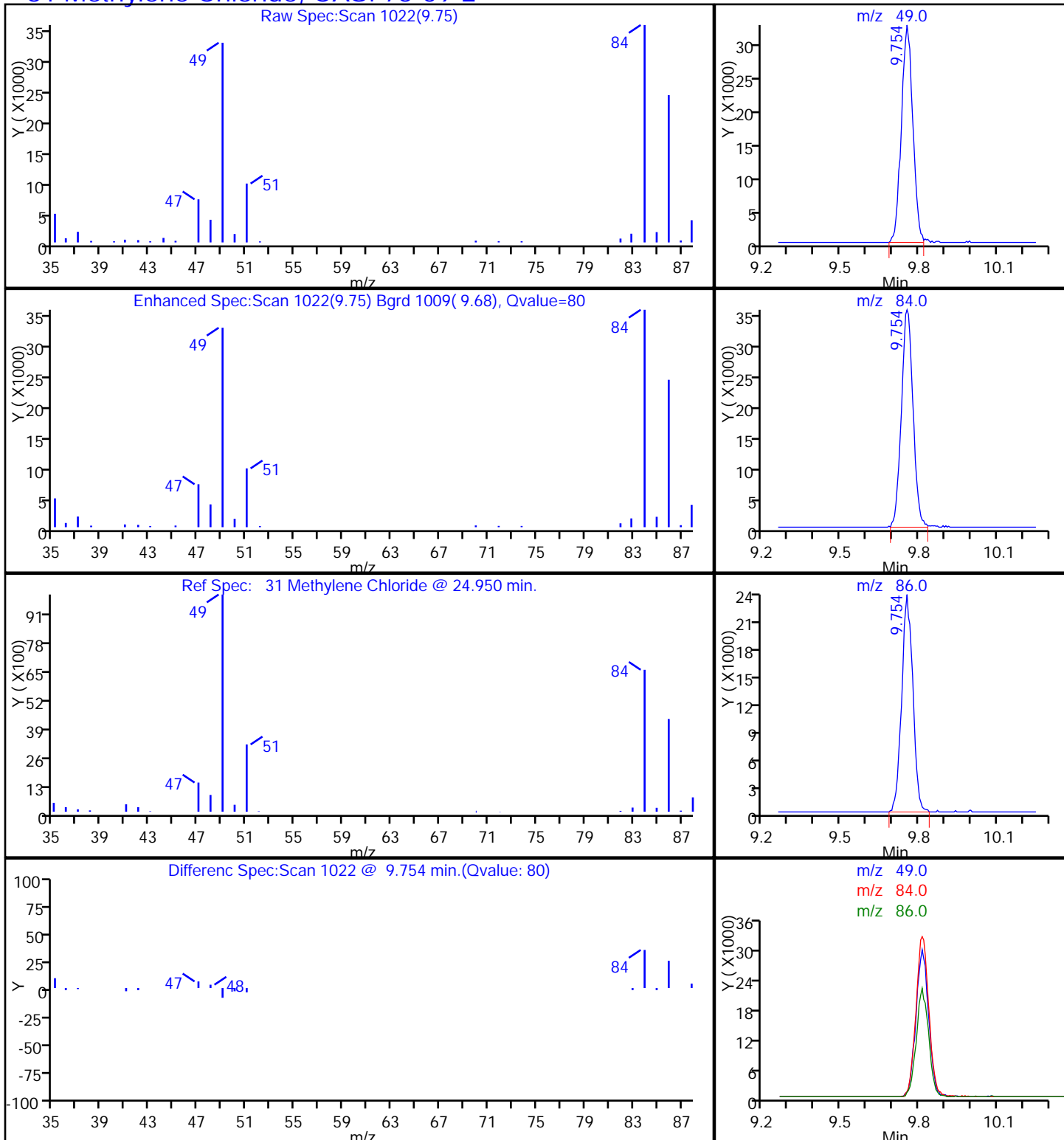
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_020.d

Injection Date: 25-Feb-2014 03:22:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-1

Lab Sample ID: 200-20969-1

Client ID: SS-VMP-7B

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 23.8000

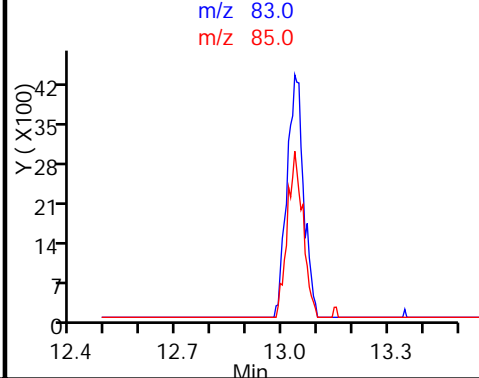
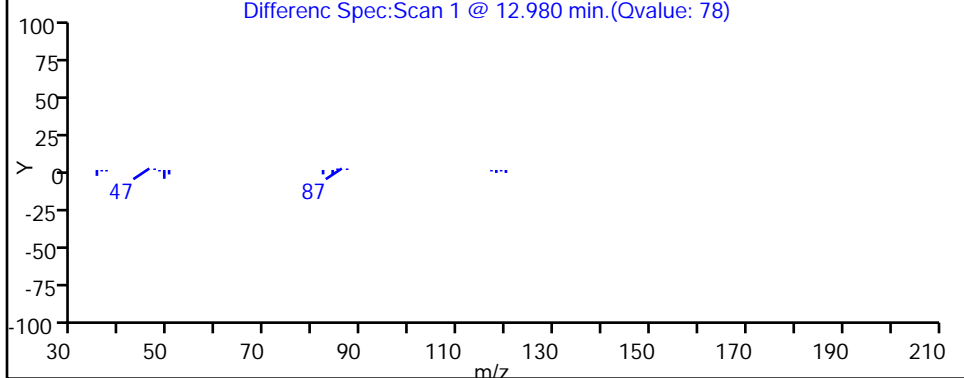
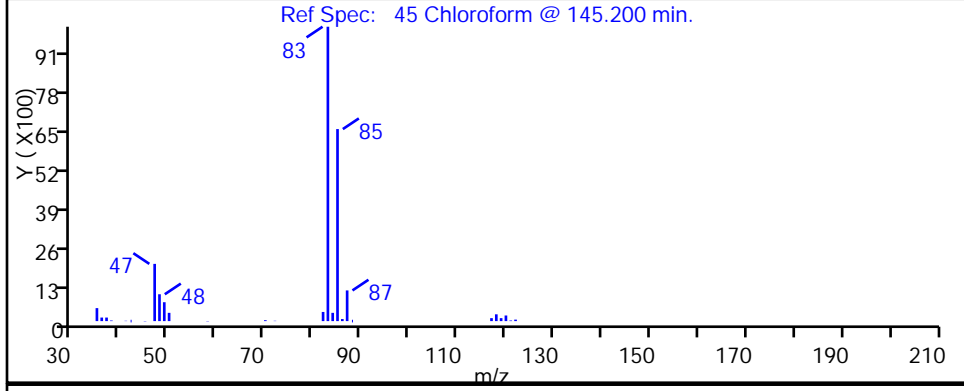
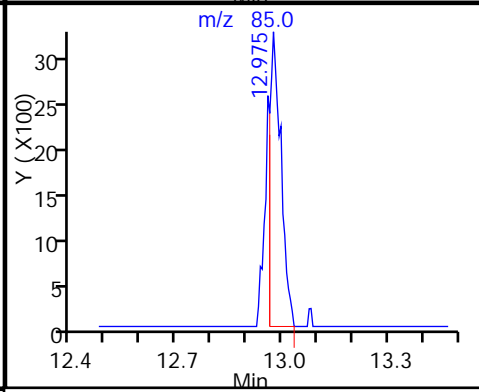
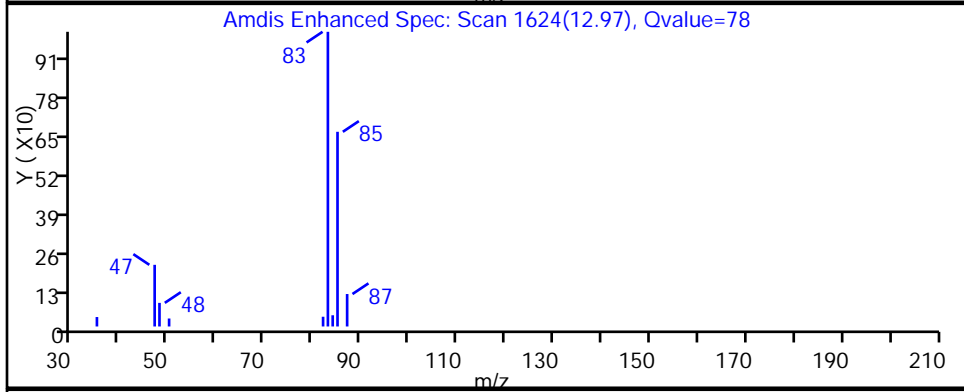
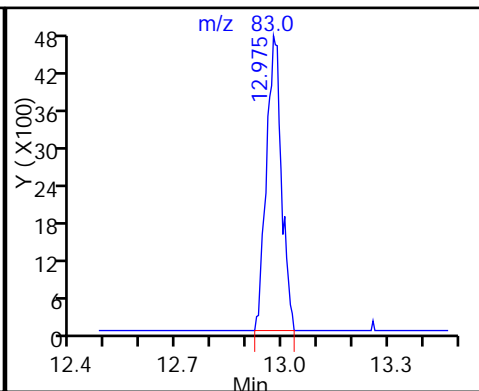
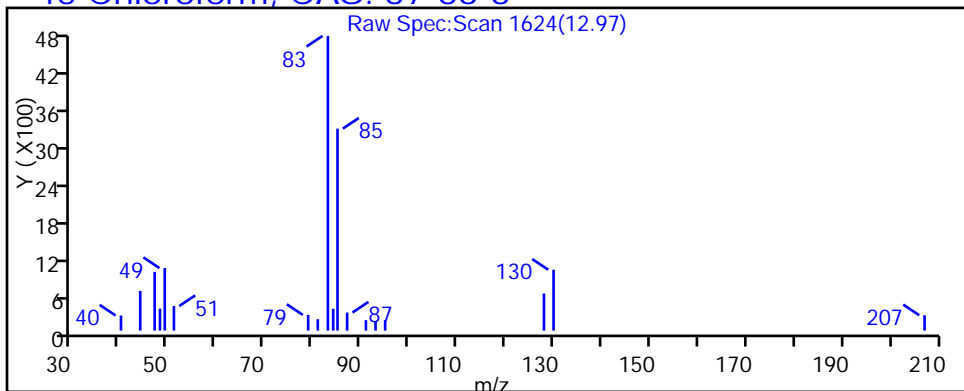
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 Chloroform, CAS: 67-66-3



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_020.d

Injection Date: 25-Feb-2014 03:22:30

Instrument ID: CHW.i

Lims ID: 200-20969-A-1

Lab Sample ID: 200-20969-1

Client ID: SS-VMP-7B

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 20

Purge Vol: 200.000 mL

Dil. Factor: 23.8000

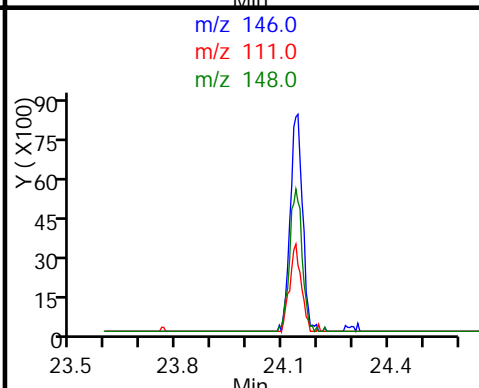
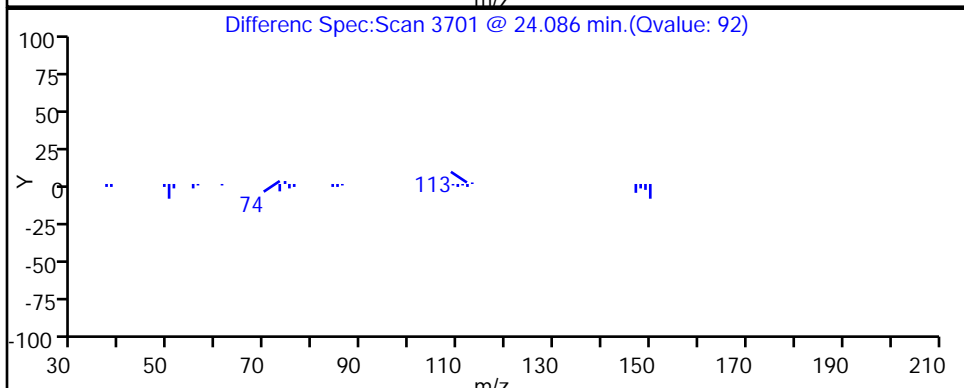
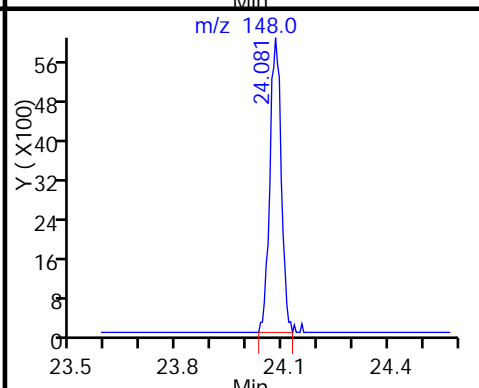
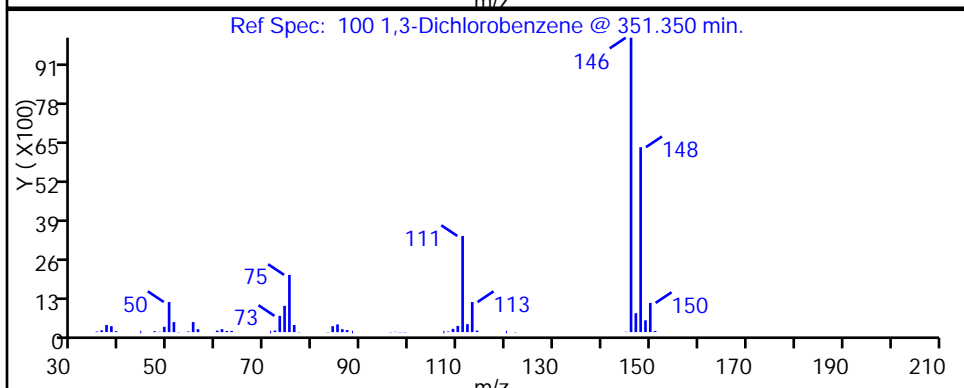
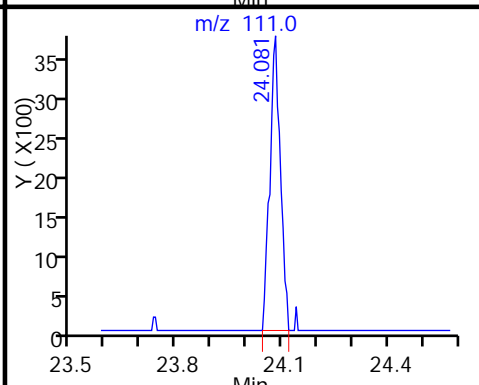
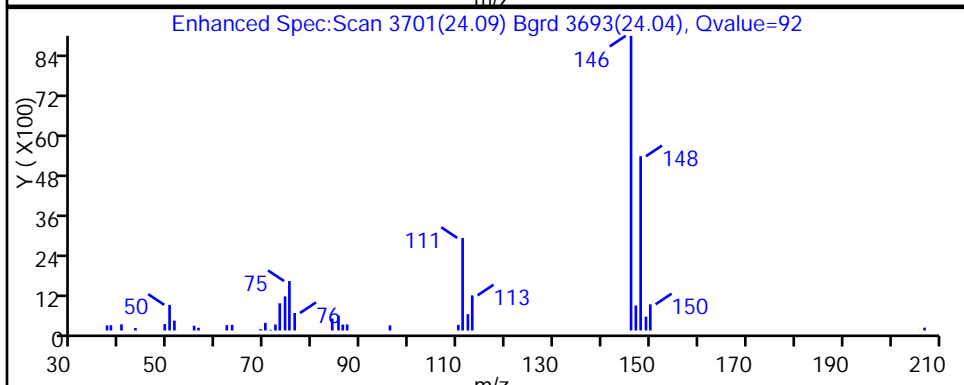
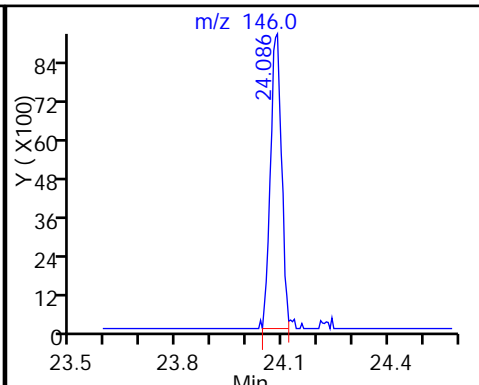
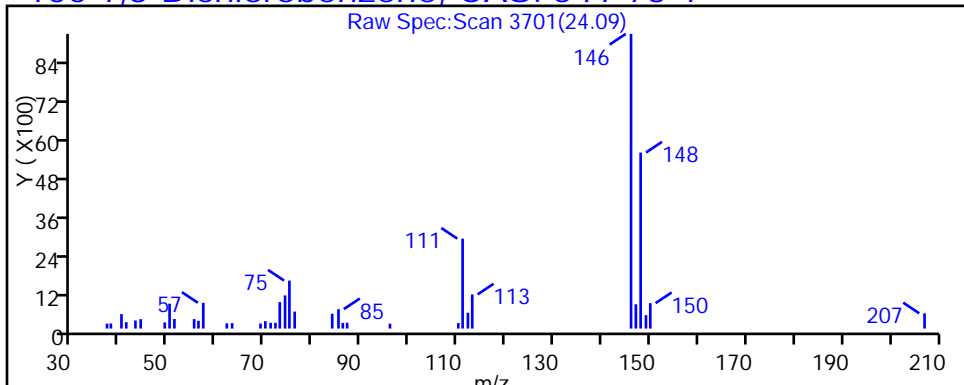
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68619/6	6246_006.D
Level 2	IC 200-68619/7	6246_007.D
Level 3	IC 200-68619/8	6246_008.D
Level 4	IC 200-68619/9	6246_009.D
Level 5	ICIS 200-68619/10	6246_010.D
Level 6	IC 200-68619/11	6246_011.D
Level 7	IC 200-68619/12	6246_012.D
Level 8	IC 200-68619/13	6246_013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	++++ 0.3790	0.7148 0.3651	0.5325 0.3363	0.4395	0.4003	Ave		0.4525			29.0		30.0				
Dichlorodifluoromethane	++++ 2.9874	++++ 2.8719	3.7069 2.5818	3.5158	3.1589	Ave		3.1371			13.0		30.0				
Freon 22	++++ 1.1103	++++ 1.0831	1.3941 0.9884	1.3139	1.1968	Ave		1.1811			13.0		30.0				
1,2-Dichlorotetrafluoroethane	++++ 2.4982	2.9659 2.4044	3.1537 2.1606	2.9606	2.6635	Ave		2.6867			13.0		30.0				
Chloromethane	++++ 0.5533	++++ 0.5482	0.7230 0.5063	0.6554	0.5875	Ave		0.5956			13.0		30.0				
n-Butane	++++ 0.7455	++++ 0.7094	0.9492 0.6507	0.8742	0.7817	Ave		0.7851			14.0		30.0				
Vinyl chloride	1.0034 0.7381	0.8642 0.7149	0.9178 0.6605	0.8506	0.7784	Ave		0.8160			14.0		30.0				
1,3-Butadiene	++++ 0.4505	0.5325 0.4310	0.5198 0.4026	0.5203	0.4743	Ave		0.4758			11.0		30.0				
Bromomethane	++++ 1.0944	1.2407 1.0686	1.3271 0.9905	1.2599	1.1512	Ave		1.1618			10.0		30.0				
Chloroethane	++++ 0.3098	++++ 0.3014	0.3824 0.2800	0.3491	0.3212	Ave		0.3240			11.0		30.0				
Isopentane	++++ 0.4694	0.6333 0.4590	0.5858 0.4236	0.5377	0.4893	Ave		0.5140			15.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.2099	1.3175 1.1834	1.3962 1.1154	1.3594	1.2482	Ave		1.2614			8.0		30.0				
Trichlorofluoromethane	++++ 3.3690	3.9158 3.2572	4.1251 3.0024	3.8886	3.5242	Ave		3.5832			11.0		30.0				
n-Pentane	++++ 0.7616	++++ 0.7386	0.9161 0.6848	0.8786	0.7926	Ave		0.7954			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.1881	++++ 0.1853	0.2071 0.1702	0.1978	0.1977	Ave	0.1910				6.7		30.0				
Ethyl ether	++++ 0.3844	0.4421 0.3774	0.4217 0.3489	0.4319	0.3959	Ave	0.4003				8.3		30.0				
Acrolein	++++ 0.1860	++++ 0.1868	++++ 0.1778	0.2117	0.1927	Ave	0.1910				6.7		30.0				
Freon TF	++++ 2.1059	2.4624 2.0546	2.5764 1.8830	2.4437	2.2143	Ave	2.2486				11.0		30.0				
1,1-Dichloroethene	++++ 0.8763	1.0812 0.8661	1.1007 0.7895	1.0239	0.9260	Ave	0.9520				12.0		30.0				
Acetone	++++ 0.7971	++++ 0.8386	++++ 0.7060	0.9395	1.1122	Ave	0.8787				18.0		30.0				
Carbon disulfide	++++ 2.4487	++++ 2.1749	2.5564 2.0324	2.4828	2.2943	Ave	2.3316				8.6		30.0				
Isopropyl alcohol	++++ 0.6937	++++ 0.6671	++++ 0.5864	0.8299	0.7679	Ave	0.7090				13.0		30.0				
3-Chloropropene	++++ 0.6020	0.6648 0.5923	0.6802 0.5536	0.6807	0.6293	Ave	0.6290				7.8		30.0				
Acetonitrile	++++ 0.3343	++++ 0.3306	++++ 0.2974	0.3817	0.3475	Ave	0.3383				9.0		30.0				
Methylene Chloride	++++ 0.6573	++++ 0.6531	0.8540 0.6026	0.7739	0.7006	Ave	0.7069				13.0		30.0				
tert-Butyl alcohol	++++ 1.2326	++++ 1.2177	++++ 1.0621	1.4441	1.3426	Ave	1.2598				11.0		30.0				
Methyl tert-butyl ether	++++ 2.1552	2.3025 2.1124	2.4465 1.9713	2.4261	2.2480	Ave	2.2374				7.7		30.0				
trans-1,2-Dichloroethene	++++ 0.9840	1.1100 0.9521	1.1752 0.8772	1.1426	1.0320	Ave	1.0390				10.0		30.0				
Acrylonitrile	++++ 0.3737	++++ 0.3698	0.3979 0.3534	0.4100	0.3871	Ave	0.3820				5.4		30.0				
n-Hexane	++++ 0.8027	0.9300 0.7717	0.9275 0.7220	0.8956	0.8249	Ave	0.8392				9.6		30.0				
1,1-Dichloroethane	1.8728 1.4106	1.5118 1.3786	1.6374 1.2923	1.6128	1.4588	Ave	1.5219				12.0		30.0				
Vinyl acetate	++++ 1.4586	++++ 1.4336	++++ 1.3509	1.6067	1.5122	Ave	1.4724				6.4		30.0				
cis-1,2-Dichloroethene	++++ 1.2236	1.3809 1.2157	1.4483 1.1225	1.3690	1.2681	Ave	1.2897				8.8		30.0				
Methyl Ethyl Ketone	++++ 0.4063	++++ 0.3921	0.5877 0.3624	0.4465	0.4213	Ave	0.4361				18.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619
 SDG No.: 200-20955-2
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.0650	++++ 0.0646	++++ 0.0604	0.0716	0.0688	Ave		0.0661			6.5		30.0				
Tetrahydrofuran	++++ 0.1164	++++ 0.1139	++++ 0.1073	0.1333	0.1238	Ave		0.1189			8.4		30.0				
Chloroform	++++ 2.7018	2.9925 2.6339	3.2808 2.4348	3.1270	2.8420	Ave		2.8590			10.0		30.0				
Cyclohexane	++++ 0.2335	0.2692 0.2286	0.2896 0.2081	0.2713	0.2468	Ave		0.2496			11.0		30.0				
1,1,1-Trichloroethane	++++ 0.5599	0.6287 0.5463	0.6614 0.5043	0.6418	0.5910	Ave		0.5905			9.6		30.0				
Carbon tetrachloride	0.8704 0.7170	0.7330 0.7011	0.7920 0.6630	0.7981	0.7476	Ave		0.7528			8.7		30.0				
Benzene	++++ 0.6126	0.7670 0.5960	0.7802 0.5356	0.7241	0.6554	Ave		0.6673			14.0		30.0				
2,2,4-Trimethylpentane	++++ 0.7504	0.8447 0.7188	0.9318 0.6407	0.8886	0.7986	Ave		0.7963			13.0		30.0				
1,2-Dichloroethane	++++ 0.3158	0.3579 0.3097	0.3637 0.2917	0.3606	0.3323	Ave		0.3331			8.5		30.0				
n-Heptane	++++ 0.2656	0.3901 0.2555	0.3322 0.2291	0.3164	0.2826	Ave		0.2959			18.0		30.0				
n-Butanol	++++ 0.1138	++++ 0.1085	++++ 0.0985	0.1250	0.1252	Ave		0.1142			10.0		30.0				
Trichloroethene	0.6018 0.4313	0.4822 0.4200	0.5161 0.3834	0.4935	0.4566	Ave		0.4731			14.0		30.0				
1,2-Dichloropropane	++++ 0.2993	++++ 0.2894	0.3554 0.2648	0.3491	0.3164	Ave		0.3124			11.0		30.0				
Methyl methacrylate	++++ 0.2743	++++ 0.2672	0.2519 0.2410	0.3044	0.2912	Ave		0.2717			8.7		30.0				
1,4-Dioxane	++++ 0.1435	++++ 0.1333	++++ 0.1050	0.1845	0.1685	Ave		0.1470			21.0		30.0				
Dibromomethane	++++ 0.5299	0.5059 0.5205	0.5472 0.4799	0.5665	0.5483	Ave		0.5283			5.5		30.0				
Bromodichloromethane	++++ 0.7822	0.7104 0.7619	0.8147 0.7015	0.8719	0.8169	Ave		0.7799			7.8		30.0				
cis-1,3-Dichloropropene	++++ 0.5275	0.5037 0.5167	0.5567 0.4785	0.5843	0.5498	Ave		0.5310			6.7		30.0				
Methyl isobutyl ketone	++++ 0.4791	++++ 0.4654	0.5090 0.4170	0.5542	0.5077	Ave		0.4887			9.5		30.0				
Toluene	++++ 0.6736	0.8475 0.6539	0.8557 0.5939	0.7881	0.7155	Ave		0.7326			14.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Octane	++++ 0.4757	0.5660 0.4515	0.6118 0.3919	0.5769	0.5095	Ave		0.5119			15.0		30.0				
trans-1,3-Dichloropropene	++++ 0.5472	0.5000 0.5393	0.5358 0.5022	0.5938	0.5676	Ave		0.5408			6.2		30.0				
1,1,2-Trichloroethane	++++ 0.3425	0.4013 0.3302	0.4312 0.2966	0.4020	0.3650	Ave		0.3670			13.0		30.0				
Tetrachloroethene	0.9338 0.7367	0.8221 0.7240	0.8469 0.6644	0.8066	0.7642	Ave		0.7873			11.0		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4399	++++ 0.4240	0.4247 0.3847	0.4984	0.4602	Ave		0.4387			8.7		30.0				
Dibromochloromethane	++++ 0.9758	0.7972 0.9608	0.9394 0.8879	1.0535	1.0145	Ave		0.9470			8.9		30.0				
1,2-Dibromoethane	++++ 0.7320	0.6994 0.7215	0.7824 0.6592	0.8090	0.7678	Ave		0.7388			7.0		30.0				
Chlorobenzene	++++ 1.0220	1.1042 0.9920	1.2016 0.9015	1.1480	1.0696	Ave		1.0627			9.5		30.0				
Ethylbenzene	++++ 1.4406	1.6349 1.3849	1.7496 1.2345	1.6743	1.5338	Ave		1.5218			12.0		30.0				
n-Nonane	++++ 0.4993	0.6108 0.4715	0.6510 0.4027	0.6151	0.5396	Ave		0.5414			17.0		30.0				
m,p-Xylene	++++ 0.5833	0.6732 0.5577	0.7351 0.4869	0.6939	0.6247	Ave		0.6221			14.0		30.0				
Xylene, o-	++++ 0.6179	0.7013 0.5922	0.7302 0.5305	0.7180	0.6556	Ave		0.6494			11.0		30.0				
Styrene	++++ 0.8950	0.7292 0.8822	0.8183 0.8051	0.9800	0.9422	Ave		0.8646			10.0		30.0				
Bromoform	++++ 0.9868	0.6585 0.9680	0.7646 0.8734	1.0116	1.0068	Ave		0.8956			15.0		30.0				
Cumene	++++ 1.6955	1.9142 1.6278	2.0836 1.3845	2.0022	1.8098	Ave		1.7882			13.0		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8368	0.9511 0.7931	1.0202 0.6766	1.0058	0.9000	Ave		0.8834			14.0		30.0				
1,2,3-Trichloropropane	++++ 0.5560	++++ 0.5167	0.7169 0.4246	0.6896	0.6072	Ave		0.5852			19.0		30.0				
n-Propylbenzene	++++ 1.7505	2.0045 1.6320	2.1816 1.2866	2.1484	1.9133	Ave		1.8452			17.0		30.0				
2-Chlorotoluene	++++ 1.1249	1.4237 1.0380	1.5758 0.8450	1.4702	1.2593	Ave		1.2481			21.0		30.0				
4-Ethyltoluene	++++ 1.4133	1.5374 1.3144	1.8036 1.0959	1.7845	1.5620	Ave		1.5016			17.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
n-Decane	++++ 0.4869	++++ 0.4329	0.8002 0.3339	0.6874	0.5657	Ave		0.5512			31.0	*	30.0				
1,3,5-Trimethylbenzene	++++ 1.4241	1.5856 1.3557	1.6894 1.1591	1.6548	1.5215	Ave		1.4843			13.0		30.0				
Alpha Methyl Styrene	++++ 0.7386	0.4902 0.7181	0.5931 0.6619	0.7878	0.7701	Ave		0.6800			16.0		30.0				
tert-Butylbenzene	++++ 1.4158	1.6505 1.3510	1.7694 1.1603	1.6832	1.5208	Ave		1.5073			14.0		30.0				
1,2,4-Trimethylbenzene	++++ 1.4103	1.4768 1.3415	1.5803 1.1247	1.6233	1.4992	Ave		1.4366			12.0		30.0				
sec-Butylbenzene	++++ 2.0054	2.3299 1.8723	2.5263 1.3417	2.4266	2.1646	Ave		2.0953			19.0		30.0				
4-Isopropyltoluene	++++ 1.6844	1.8650 1.5616	2.0415 1.1741	2.0353	1.8249	Ave		1.7410			17.0		30.0				
1,3-Dichlorobenzene	++++ 0.9602	0.7275 0.9249	0.8244 0.8156	0.9975	0.9972	Ave		0.8925			12.0		30.0				
1,4-Dichlorobenzene	++++ 0.9756	0.6150 0.9708	0.7069 0.8942	0.9241	0.9794	Ave		0.8666			17.0		30.0				
Benzyl chloride	++++ 1.0292	0.6091 1.0483	0.6936 0.9779	1.0211	1.0511	Ave		0.9186			20.0		30.0				
n-Butylbenzene	++++ 1.3896	1.2546 1.3074	1.4538 1.0894	1.6106	1.4877	Ave		1.3704			12.0		30.0				
n-Undecane	++++ 0.6417	++++ 0.5863	++++ 0.4759	0.7997	0.7082	Ave		0.6424			19.0		30.0				
1,2-Dichlorobenzene	++++ 1.0082	++++ 0.9898	++++ 0.8983	1.0253	1.0277	Ave		0.9899			5.4		30.0				
n-Dodecane	++++ 0.1205	++++ 0.1133	++++ 0.0627	0.1022	0.1051	Ave		0.1008			22.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.6411	++++ 0.6458	0.2122 0.5714	0.4825	0.6154	Ave		0.5281			31.0	*	30.0				
Hexachlorobutadiene	++++ 0.5438	0.2782 0.5308	0.3635 0.3459	0.5339	0.5249	Ave		0.4459			25.0		30.0				
Naphthalene	++++ 1.5541	++++ 1.4556	0.5472 1.2395	1.1889	1.5698	Ave		1.2592			30.0		30.0				
1,2,3-Trichlorobenzene	++++ 0.6451	++++ 0.6392	0.1490 0.4240	0.4756	0.6168	Ave		0.4340			53.0	*	30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68619/6	6246_006.D
Level 2	IC 200-68619/7	6246_007.D
Level 3	IC 200-68619/8	6246_008.D
Level 4	IC 200-68619/9	6246_009.D
Level 5	ICIS 200-68619/10	6246_010.D
Level 6	IC 200-68619/11	6246_011.D
Level 7	IC 200-68619/12	6246_012.D
Level 8	IC 200-68619/13	6246_013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 409939	9932 531626	18540 983061	151117	286297	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 3230850	++++ 4181834	129063 7546057	1208772	2259292	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 1200735	++++ 1577162	48538 2888804	451729	855933	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 2701745	41209 3501162	109804 6314979	1017902	1904928	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 598384	++++ 798173	25172 1479893	225318	420154	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 806246	++++ 1032909	33049 1901790	300548	559089	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2816 798226	12008 1041015	31954 1930472	292452	556751	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 487180	7398 627561	18097 1176646	178903	339253	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 1183604	17238 1556035	46205 2895032	433178	823346	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 335083	++++ 438854	13315 818413	120029	229705	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 507695	8799 668334	20397 1237978	184884	349976	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 1308520	18306 1723153	48611 3260069	467389	892749	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 3643540	54407 4742944	143623 8775338	1336944	2520532	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 823688	++++ 1075523	31896 2001506	302081	566844	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 271826	++++ 539835	72194 1243817	136094	212163	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25

Calibration End Date: 02/20/2014 21:54

Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 415742	6143 549493	14683 1019836	148478	283148	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 201208	++++ 271982	++++ 519709	72770	137856	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	++++ 2277520	34213 2991683	89704 5503611	840163	1583677	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 947756	15022 1261148	38323 2307432	352045	662295	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 862031	++++ 1221169	++++ 2063546	323029	795436	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 2648261	++++ 3166898	++++ 5940319	853634	1640891	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 750208	++++ 971316	++++ 1713889	285338	549210	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 651073	9237 862409	23682 1618104	234040	450082	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 361566	++++ 481394	++++ 869306	131243	248568	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 710830	++++ 950923	++++ 1761297	266067	501054	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1333072	++++ 1773174	++++ 3104259	496490	960229	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 2330831	31992 3075884	85180 5761697	834114	1607772	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 1064193	15422 1386349	40916 2563803	392851	738091	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 404196	++++ 538419	++++ 1033037	140952	276821	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 868088	12921 1123675	32294 2110178	307913	589981	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	5256 1525580	21005 2007403	57010 3777110	554518	1043330	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1577514	++++ 2087444	++++ 3948444	552395	1081527	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 1323299	19187 1770187	50426 3280795	470673	906927	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 439441	++++ 570879	20463 1059095	153510	301345	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 70260	++++ 94118	++++ 176622	24618	49181	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 714991	++++ 939094	++++ 1745766	262302	499970	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25

Calibration End Date: 02/20/2014 21:54

Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 2921953	41579 3835335	114228 7116385	1075112	2032630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 1433887	21357 1884655	57411 3386982	533914	997051	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 3437517	49882 4503954	131103 8206833	1263234	2387389	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	++++ 4402582	13918 5780737	58162 10788406	1570962	3020168	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 3761203	60856 4914178	154653 8715559	1425155	2647780	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 4607690	67023 5926650	184696 10425438	1749112	3226416	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 1939265	28397 2553638	72082 4747119	709813	1342503	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 1630783	30950 2106255	65839 3727378	622697	1141680	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 698968	++++ 894348	++++ 1602361	245970	505897	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	++++ 2647845	9623 3463198	38256 6239533	102297	971312	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 1837625	++++ 2386362	70446 4309146	687104	1278379	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 1684416	++++ 2202970	49923 3921743	599107	1176380	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 881134	++++ 1099302	++++ 1709373	363088	680611	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 3253569	++++ 4291738	40138 7808407	108460	1115046	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 4802511	56366 6281735	161476 11414848	1716250	3300205	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 3238934	39968 4259880	110337 7786571	1150002	2221070	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl isobutyl ketone	DFB	Ave	++++ 2941842	++++ 3837041	100890 6786028	1090848	2051108	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 4313082	64574 5619306	165800 10062727	1590379	2998194	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 2920702	44909 3722407	121271 6377605	1135415	2058389	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 3359685	39671 4446522	106208 8172557	1168774	2292877	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 2193082	30580 2837907	83539 5024630	811215	1529284	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619

SDG No.: 200-20955-2

Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	14419 4717288	62640 6221845	164090 11257293	1627552	3202244	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 2816666	++++ 3644308	82281 6517803	1005814	1928485	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 6248363	60743 8257492	182005 15043588	2125782	4251148	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 4686871	53293 6200376	151583 11168909	1632564	3217385	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 6544081	84135 8525443	232809 15274499	2316460	4481775	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 9224141	124570 11901776	338982 20917158	3378545	6427281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 3197055	46544 4051815	126136 6823424	1241178	2261097	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 7470362	102596 9585988	284857 16500183	2800392	5235134	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 3956763	53436 5089695	141475 8987903	1448848	2747243	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 5731100	55566 7581441	158543 13641554	1977497	3948082	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 6318722	50174 8318745	148133 14797457	2041252	4218739	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 10856447	145855 13989868	403696 23458205	4040344	7583518	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 5358285	72471 6815546	197660 11463767	2029661	3771098	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 3560001	++++ 4440353	138895 7193533	1391625	2544453	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 11208613	152735 14025147	422680 21799286	4335173	8017289	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 7203124	108483 8920326	305303 14316837	2966781	5276687	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 9049566	117145 11296239	349454 18568014	3601019	6545510	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 3118009	++++ 3720783	155046 5657115	1387088	2370339	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 9119021	120819 11650765	327327 19639345	3339306	6375396	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 4729427	37350 6171333	114920 11214255	1589678	3226946	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 9065846	125760 11610585	342819 19659345	3396541	6372646	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68619
 SDG No.: 200-20955-2
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/20/2014 16:25 Calibration End Date: 02/20/2014 21:54 Calibration ID: 25722

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 9030475	112524 11529355	306178 19055651	3275586	6282168	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 12841290	177526 16091123	489470 22732453	4896687	9070536	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 10785413	142104 13420123	395550 19892235	4107052	7647082	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 6148441	55435 7948502	159722 13818690	2012775	4178465	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 6246800	46861 8343313	136968 15149869	1864818	4104191	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 6590225	46409 9009188	134388 16568250	2060431	4404416	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 8898136	95595 11235803	281679 18457704	3250065	6233885	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 4109189	++++ 5038697	++++ 8063472	1613618	2967633	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 6455653	++++ 8506718	++++ 15220896	2068985	4306560	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 771526	++++ 974121	++++ 1062315	206208	440445	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 4105144	++++ 5549938	41123 9680944	973721	2578741	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 3482315	++++ 21199 4561824	70423 5860214	1077440	2199519	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 9951278	++++ 12509910	106015 21001143	2399063	6577845	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 4130531	++++ 6724 5493601	28868 7183636	959669	2584533	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 20-Feb-2014 16:25:30 ALS Bottle#: 2 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-006
 Misc. Info.: IC-01
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:21 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:51:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	80	4315	0.1362	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	93	11812	0.0538	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	54	5383	0.0651	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.400	3.405	-0.005	78	10118	0.0538	
8 Chloromethane	50	3.539	3.539	0.0	67	3697	0.0887	
9 Butane	43	3.759	3.759	0.0	86	3957	0.0720	
10 Vinyl chloride	62	3.796	3.796	0.0	36	2816	0.0493	
11 Butadiene	54	3.876	3.882	-0.006	55	1908	0.0573	
12 Bromomethane	94	4.577	4.577	0.0	90	4477	0.0550	
14 Chloroethane	64	4.823	4.828	-0.005	27	1238	0.0546	
15 2-Methylbutane	43	4.919	4.925	-0.006	70	2204	0.0612	
16 Vinyl bromide	106	5.224	5.235	-0.011	65	4415	0.0500	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	67	9103	0.0363	
18 Pentane	43	5.513	5.508	0.005	78	3617	0.0650	
19 Ethanol	45	5.925	5.925	0.0	55	1103	0.0825	
21 Ethyl ether	59	6.059	6.043	0.016	71	1304	0.0465	
22 Acrolein	56	6.407	6.407	0.0	30	1566	0.1171	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	79	8641	0.0549	
24 1,1-Dichloroethene	96	6.508	6.503	0.005	37	2693	0.0404	
25 Acetone	43	6.733	6.722	0.011	82	23665	0.3847	
26 Carbon disulfide	76	6.888	6.888	0.0	85	8590	0.0526	
27 Isopropyl alcohol	45	7.059	7.038	0.021	45	2980	0.0600	
29 3-Chloro-1-propene	41	7.295	7.305	-0.010	66	2101	0.0477	
30 Acetonitrile	41	7.418	7.402	0.016	78	3253	0.1373	
31 Methylene Chloride	49	7.589	7.600	-0.011	76	3111	0.0629	
32 2-Methyl-2-propanol	59	7.867	7.840	0.027	36	2700	0.0306	
33 Methyl tert-butyl ether	73	8.070	8.044	0.026	55	8419	0.0537	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	52	3717	0.0511	
35 Acrylonitrile	53	8.172	8.188	-0.016	14	1046	0.0391	
36 Hexane	57	8.493	8.493	0.0	66	3139	0.0534	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	39	5256	0.0493	
	38	Vinyl acetate	43	9.049	9.044	0.005	97	4428	0.0430	
	39	cis-1,2-Dichloroethene	96	10.082	10.093	-0.011	61	5485	0.0607	
	40	2-Butanone (MEK)	72	10.141	10.141	0.0	95	3624	0.1187	
S	41	1,2-Dichloroethene, Total	61				0		0.1118	
	42	Ethyl acetate	88		10.216					
*	43	Chlorobromomethane	128	10.558	10.563	-0.005	68	700084	10.0	
	44	Tetrahydrofuran	42	10.606	10.579	0.027	60	2555	0.0539	
	45	Chloroform	83	10.713	10.708	0.005	56	4350	0.0217	
	46	Cyclohexane	84	10.997	10.997	0.0	38	2157	0.0217	
	47	1,1,1-Trichloroethane	97	10.997	11.007	-0.010	75	11495	0.0488	
	48	Carbon tetrachloride	117	11.259	11.275	-0.016	84	13918	0.0464	
	50	Benzene	78	11.740	11.746	-0.006	58	10046	0.0377	
	51	Isooctane	57	11.756	11.767	-0.011	89	16238	0.0511	
	52	1,2-Dichloroethane	62	11.912	11.917	-0.005	67	6501	0.0489	
	53	n-Heptane	43	12.168	12.179	-0.011	71	3667	0.0311	
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3988634	10.0	
	55	n-Butanol	56	13.051	13.019	0.032	64	3211	0.0705	
	56	Trichloroethene	95	13.115	13.115	0.0	75	9623	0.0510	M
A	57	GRO	1	13.297	4.915 - 21.679		0	2532141	0	
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	61	3436	0.0276	
	59	Methyl methacrylate	69		13.886					
	60	1,4-Dioxane	88	13.966	13.918	0.048	65	4612	0.0787	
	61	Dibromomethane	174	13.939	13.939	0.0	87	10147	0.0482	
	62	Dichlorobromomethane	83	14.244	14.249	-0.005	79	7475	0.0240	
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	2791782	9.55	
	64	cis-1,3-Dichloropropene	75	15.234	15.234	0.0	54	9411	0.0444	
	65	4-Methyl-2-pentanone (MIBK)	43	15.555	15.533	0.022	74	7838	0.0402	
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	55010	NC	
	66	Toluene	92	15.854	15.854	0.0	86	15948	0.0565	
A	68	C8 Range	1	15.967	15.917 - 16.017		0	43465	NC	
	69	n-Octane	43	15.956	15.967	-0.011	74	10258	0.0502	
	70	trans-1,3-Dichloropropene	75	16.437	16.443	-0.006	66	9201	0.0427	
	71	1,1,2-Trichloroethane	83	16.812	16.817	-0.005	84	6922	0.0490	
	72	Tetrachloroethene	166	16.967	16.967	0.0	87	14419	0.0475	M
	73	2-Hexanone	43	17.299	17.288	0.011	81	4141	0.0245	
	74	Chlorodibromomethane	129	17.582	17.588	-0.006	77	14016	0.0384	
	75	Ethylene Dibromide	107	17.871	17.866	0.005	85	7321	0.0257	
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	82	3851886	10.0	
	77	Chlorobenzene	112	18.855	18.850	0.005	3	19465	0.0476	
	78	Ethylbenzene	91	19.021	19.016	0.005	85	29407	0.0502	
	79	n-Nonane	57	19.176	19.182	-0.006	76	10756	0.0516	
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	99	24366	0.1017	
S	82	Xylenes, Total	106				0		0.1541	
	83	o-Xylene	106	20.102	20.102	0.0	77	13112	0.0524	
	84	Styrene	104	20.150	20.145	0.005	70	12395	0.0372	
	85	Bromoform	173	20.530	20.530	0.0	85	11162	0.0324	
	86	Isopropylbenzene	105	20.765	20.765	0.0	86	34116	0.0495	
\$	87	4-Bromofluorobenzene	95	21.108	21.108	0.0	98	1918455	NC	
	88	1,1,1,2-Tetrachloroethane	83	21.364	21.364	0.0	87	16998	0.0500	
	89	1,2,3-Trichloropropane	75	21.466	21.461	0.005	56	13027	0.0578	
	90	N-Propylbenzene	91	21.466	21.471	-0.005	96	34737	0.0489	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	85	26640	0.0461
92	2-Chlorotoluene		91	21.659	21.653	0.006	80	24750	0.0515
93	n-Decane		57	21.664	21.669	-0.005	81	12420	0.0585
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	88	27081	0.0474
95	Alpha Methyl Styrene		118	22.108	22.113	-0.005	86	8009	0.0306
96	tert-Butylbenzene		119	22.242	22.242	0.0	83	29749	0.0512
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	90	25200	0.0455
98	sec-Butylbenzene		105	22.557	22.563	-0.006	96	41418	0.0513
99	4-Isopropyltoluene		119	22.761	22.761	0.0	89	32476	0.0484
100	1,3-Dichlorobenzene		146	22.782	22.777	0.005	80	12915	0.0376
101	1,4-Dichlorobenzene		146	22.916	22.910	0.006	87	11906	0.0357
102	Benzyl chloride		91	23.103	23.103	0.0	83	10599	0.0300
103	n-Butylbenzene		91	23.338	23.338	0.0	75	18833	0.0357
104	Undecane		57	23.381	23.381	0.0	59	4903	0.0198
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	87	12964	0.0340
106	Dodecane		57		25.008				
107	1,2,4-Trichlorobenzene		180	26.008	26.013	-0.005	1	1071	0.005265
108	Hexachlorobutadiene		225	26.222	26.227	-0.005	10	2299	0.0134
109	Naphthalene		128	26.505	26.500	0.005	1	1468	0.003027
110	1,2,3-Trichlorobenzene		180	26.971	26.987	-0.016	1	258	0.001543

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D

Injection Date: 20-Feb-2014 16:25:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

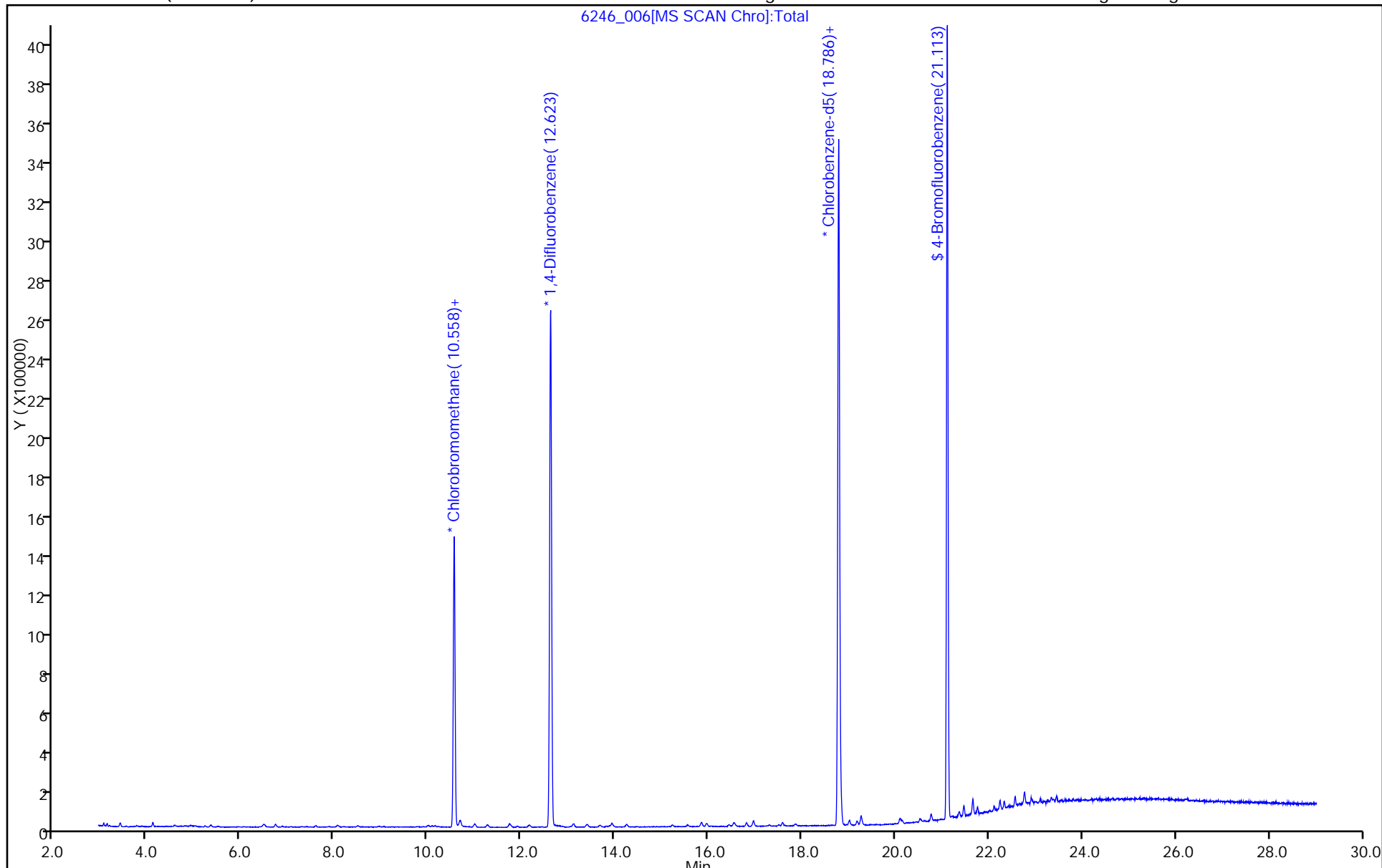
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



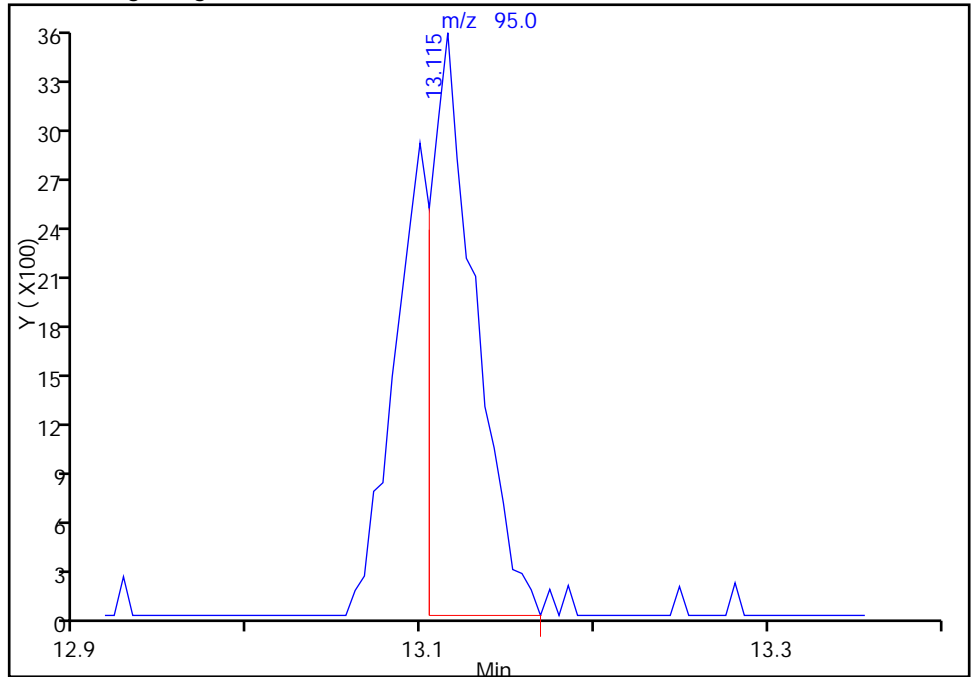
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
Injection Date: 20-Feb-2014 16:25:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

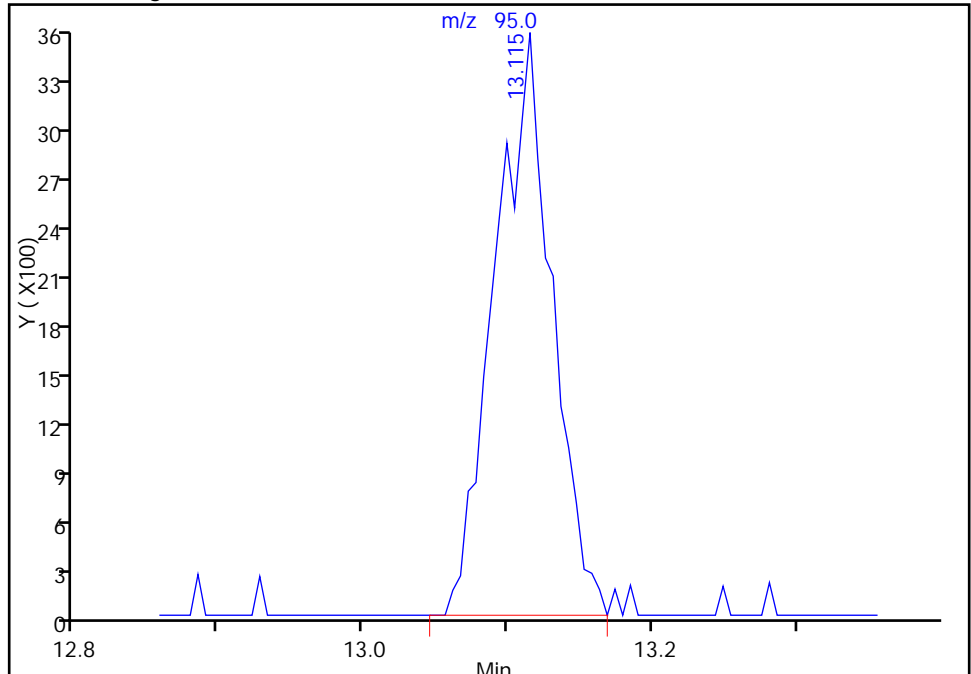
RT: 13.12
Response: 6257
Amount: 0.034312

Processing Integration Results



RT: 13.12
Response: 9623
Amount: 0.050994

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:51:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

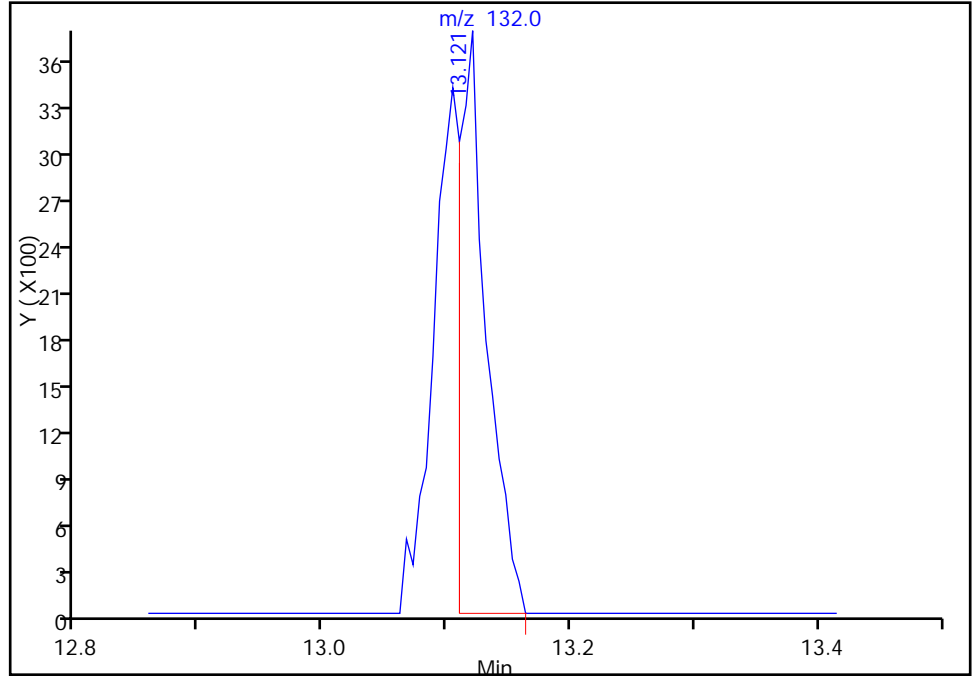
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
Injection Date: 20-Feb-2014 16:25:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

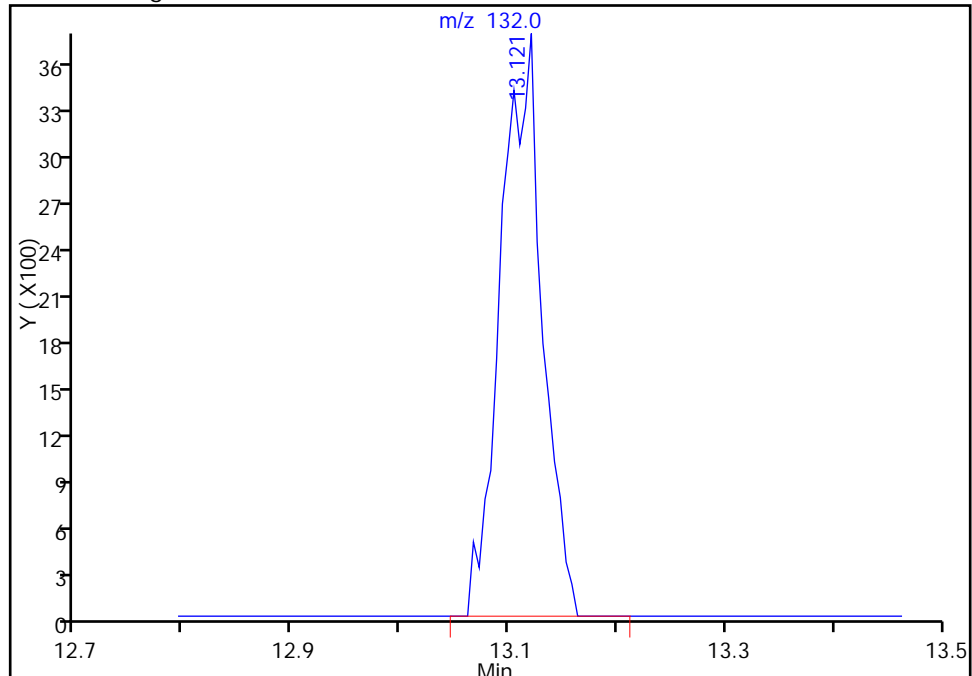
RT: 13.12
Response: 5730
Amount: 0.034312

Processing Integration Results



RT: 13.12
Response: 9937
Amount: 0.050994

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:51:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

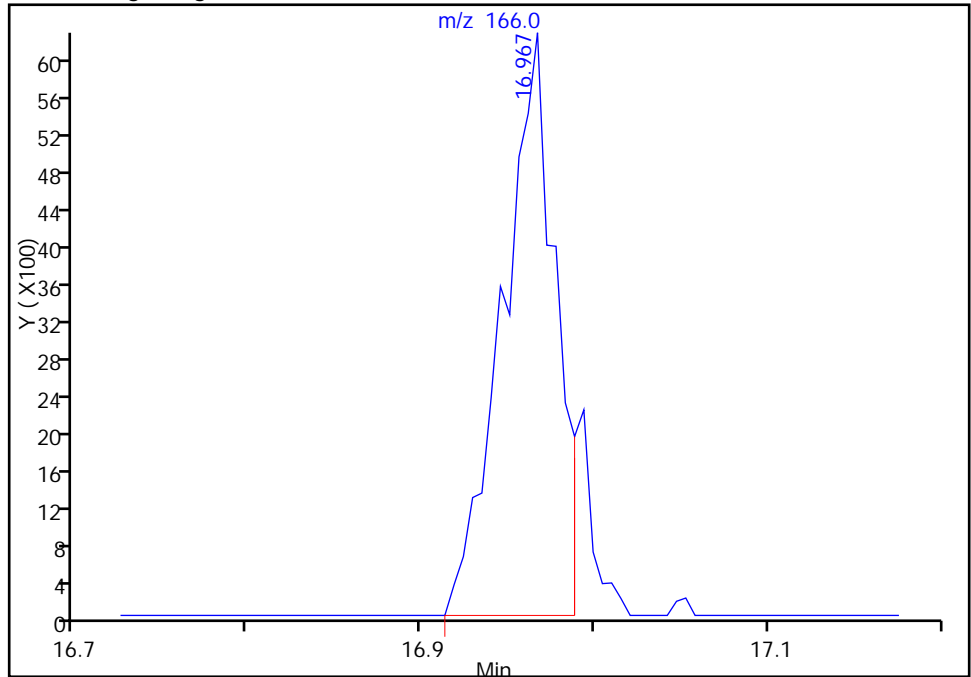
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_006.D
Injection Date: 20-Feb-2014 16:25:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

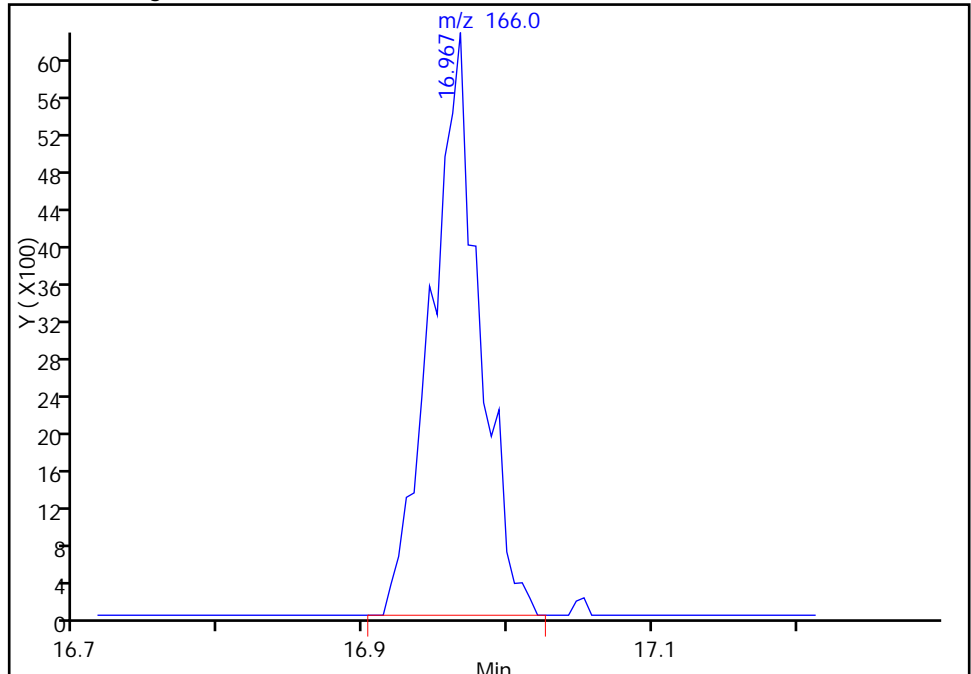
RT: 16.97
Response: 13217
Amount: 0.043344

Processing Integration Results



RT: 16.97
Response: 14419
Amount: 0.047545

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:51:57
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 20-Feb-2014 17:12:30 ALS Bottle#: 2 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-007
 Misc. Info.: IC-02
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:24 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:54:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	92	9932	0.3166	
2 Dichlorodifluoromethane	85	3.133	3.127	0.006	88	50004	0.2299	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	20456	0.2499	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.411	3.405	0.006	86	41209	0.2213	
8 Chloromethane	50	3.544	3.539	0.005	97	14138	0.3424	
9 Butane	43	3.758	3.759	-0.001	85	14005	0.2573	
10 Vinyl chloride	62	3.801	3.796	0.005	87	12008	0.2123	
11 Butadiene	54	3.887	3.882	0.005	87	7398	0.2243	
12 Bromomethane	94	4.582	4.577	0.005	92	17238	0.2140	
14 Chloroethane	64	4.834	4.828	0.006	75	5806	0.2585	
15 2-Methylbutane	43	4.930	4.925	0.005	86	8799	0.2469	
16 Vinyl bromide	106	5.230	5.235	-0.005	95	18306	0.2094	
17 Trichlorofluoromethane	101	5.347	5.353	-0.006	83	54407	0.2190	
18 Pentane	43	5.513	5.508	0.005	90	12952	0.2349	
19 Ethanol	45	5.930	5.925	0.005	89	10476	0.7911	
21 Ethyl ether	59	6.053	6.043	0.010	85	6143	0.2214	
22 Acrolein	56	6.417	6.407	0.010	61	5918	0.4470	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	93	34213	0.2195	
24 1,1-Dichloroethene	96	6.498	6.503	-0.005	94	15022	0.2276	
25 Acetone	43	6.733	6.722	0.011	85	95518	1.57	
26 Carbon disulfide	76	6.883	6.888	-0.005	97	34872	0.2158	
27 Isopropyl alcohol	45	7.059	7.038	0.021	88	11154	0.2270	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	72	9237	0.2119	
30 Acetonitrile	41	7.412	7.402	0.010	94	10631	0.4533	
31 Methylene Chloride	49	7.594	7.600	-0.006	82	13559	0.2767	
32 2-Methyl-2-propanol	59	7.856	7.840	0.016	95	16853	0.1930	
33 Methyl tert-butyl ether	73	8.054	8.044	0.010	94	31992	0.2063	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	76	15422	0.2141	
35 Acrylonitrile	53	8.188	8.188	0.0	89	5479	0.2069	M
36 Hexane	57	8.498	8.493	0.005	84	12921	0.2221	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	86	21005	0.1991
	38	Vinyl acetate	43	9.049	9.044	0.005	97	18614	0.1824
	39	cis-1,2-Dichloroethene	96	10.082	10.093	-0.011	85	19187	0.2146
	40	2-Butanone (MEK)	72	10.135	10.141	-0.006	98	13976	0.4624
S	41	1,2-Dichloroethene, Total	61				0		0.4287
	42	Ethyl acetate	88	10.221	10.216	0.005	93	785	0.1714
*	43	Chlorobromomethane	128	10.558	10.563	-0.005	68	693189	10.0
	44	Tetrahydrofuran	42	10.595	10.579	0.016	76	10206	0.2168
	45	Chloroform	83	10.702	10.708	-0.006	96	41579	0.2098
	46	Cyclohexane	84	10.991	10.997	-0.006	63	21357	0.2162
	47	1,1,1-Trichloroethane	97	11.002	11.007	-0.005	88	49882	0.2134
	48	Carbon tetrachloride	117	11.269	11.275	-0.006	94	58162	0.1952
	50	Benzene	78	11.740	11.746	-0.006	93	60856	0.2304
	51	Isooctane	57	11.767	11.767	0.0	98	67023	0.2126
	52	1,2-Dichloroethane	62	11.906	11.917	-0.011	94	28397	0.2154
	53	n-Heptane	43	12.174	12.179	-0.005	90	30950	0.2642
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3958523	10.0
	55	n-Butanol	56	13.040	13.019	0.021	88	12159	0.2690
	56	Trichloroethene	95	13.115	13.115	0.0	92	38256	0.2043
A	57	GRO	1	13.297	4.915 - 21.679		0	10167753	0
	58	1,2-Dichloropropane	63	13.677	13.682	-0.005	90	25800	0.2086
	59	Methyl methacrylate	69	13.880	13.886	-0.006	66	17395	0.1618
	60	1,4-Dioxane	88	13.934	13.918	0.016	40	16244	0.2792
	61	Dibromomethane	174	13.934	13.939	-0.005	93	40138	0.1919
	62	Dichlorobromomethane	83	14.255	14.249	0.006	96	56366	0.1826
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	13401158	46.2
	64	cis-1,3-Dichloropropene	75	15.228	15.234	-0.006	86	39968	0.1901
	65	4-Methyl-2-pentanone (MIBK)	43	15.549	15.533	0.016	92	36730	0.1898
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	233032	NC
	66	Toluene	92	15.849	15.854	-0.005	94	64574	0.2319
A	68	C8 Range	1	15.961	15.917 - 16.017		0	182688	NC
	69	n-Octane	43	15.966	15.967	-0.001	84	44909	0.2216
	70	trans-1,3-Dichloropropene	75	16.443	16.443	0.0	89	39671	0.1853
	71	1,1,2-Trichloroethane	83	16.812	16.817	-0.005	93	30580	0.2192
	72	Tetrachloroethene	166	16.962	16.967	-0.005	97	62640	0.2093
	73	2-Hexanone	43	17.304	17.288	0.016	90	31351	0.1880
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	95	60743	0.1687
	75	Ethylene Dibromide	107	17.866	17.866	0.0	94	53293	0.1898
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	81	3801451	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	44	84135	0.2083
	78	Ethylbenzene	91	19.010	19.016	-0.006	96	124570	0.2153
	79	n-Nonane	57	19.187	19.182	0.005	83	46544	0.2261
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	99	102596	0.4338
S	82	Xylenes, Total	106				0		0.6503
	83	o-Xylene	106	20.091	20.102	-0.011	81	53436	0.2165
	84	Styrene	104	20.139	20.145	-0.006	96	55566	0.1691
	85	Bromoform	173	20.530	20.530	0.0	96	50174	0.1474
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	145855	0.2146
\$	87	4-Bromofluorobenzene	95	21.108	21.108	0.0	98	1925154	NC
	88	1,1,2,2-Tetrachloroethane	83	21.370	21.364	0.006	94	72471	0.2158
	89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	67	50614	0.2275
	90	N-Propylbenzene	91	21.466	21.471	-0.005	98	152735	0.2177

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	88	117145	0.2052
92	2-Chlorotoluene		91	21.653	21.653	0.0	90	108483	0.2286
93	n-Decane		57	21.669	21.669	0.0	84	55850	0.2666
94	1,3,5-Trimethylbenzene		105	21.755	21.760	-0.005	92	120819	0.2141
95	Alpha Methyl Styrene		118	22.108	22.113	-0.005	92	37350	0.1445
96	tert-Butylbenzene		119	22.236	22.242	-0.006	93	125760	0.2195
97	1,2,4-Trimethylbenzene		105	22.327	22.333	-0.006	93	112524	0.2060
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	177526	0.2229
99	4-Isopropyltoluene		119	22.761	22.761	0.0	95	142104	0.2147
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	97	55435	0.1634
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	95	46861	0.1423
102	Benzyl chloride		91	23.103	23.103	0.0	95	46409	0.1329
103	n-Butylbenzene		91	23.338	23.338	0.0	93	95595	0.1835
104	Undecane		57	23.381	23.381	0.0	88	43734	0.1791
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	95	58851	0.1564
106	Dodecane		57		25.008				
107	1,2,4-Trichlorobenzene		180	26.008	26.013	-0.005	60	12394	0.0617
108	Hexachlorobutadiene		225	26.227	26.227	0.0	87	21199	0.1251
109	Naphthalene		128	26.505	26.500	0.005	89	27183	0.0568
110	1,2,3-Trichlorobenzene		180	27.003	26.987	0.016	16	6724	0.0408

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D

Injection Date: 20-Feb-2014 17:12:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

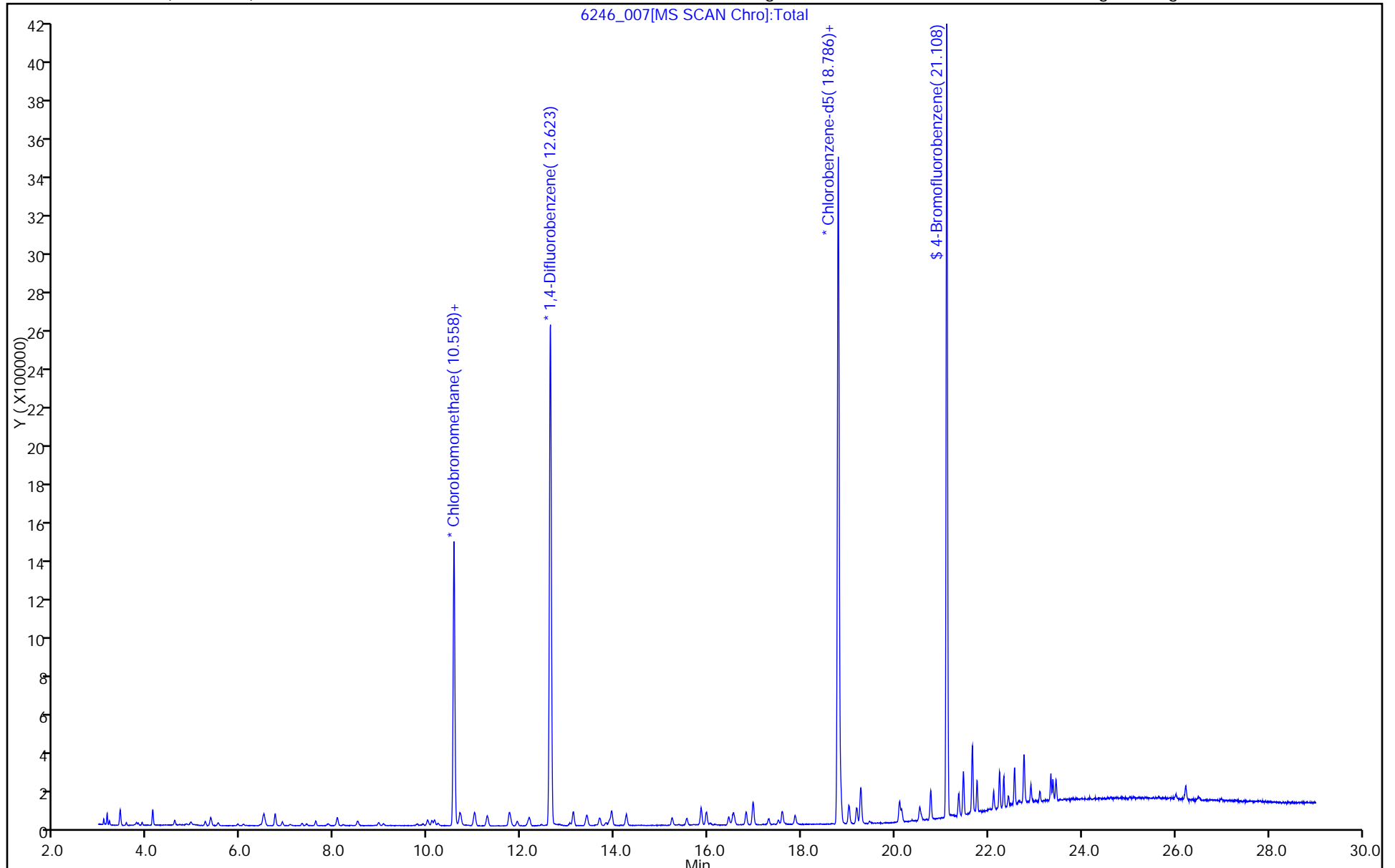
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



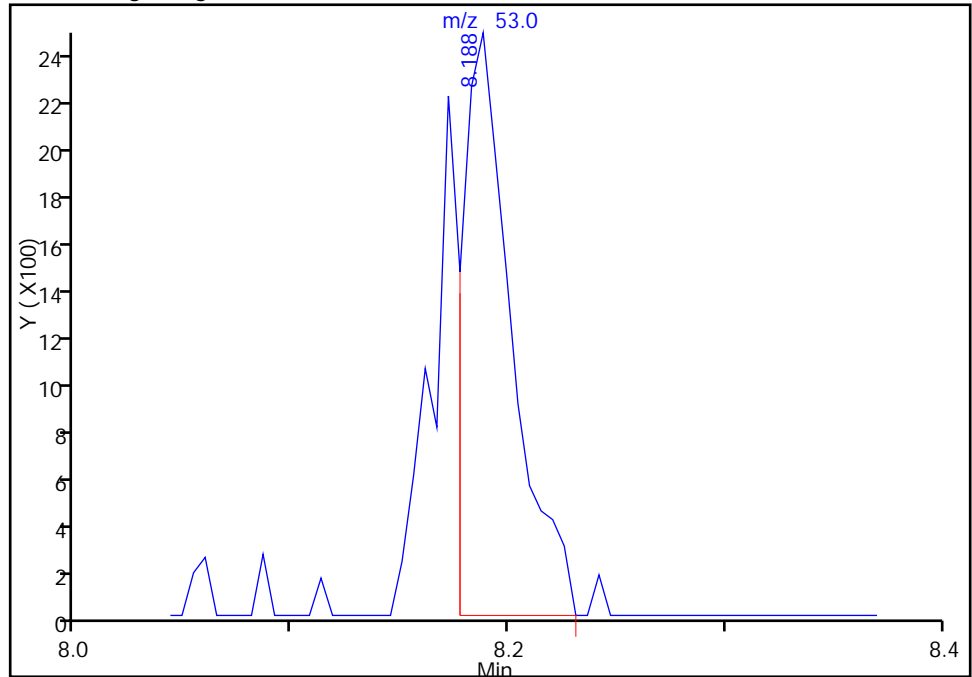
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D
Injection Date: 20-Feb-2014 17:12:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

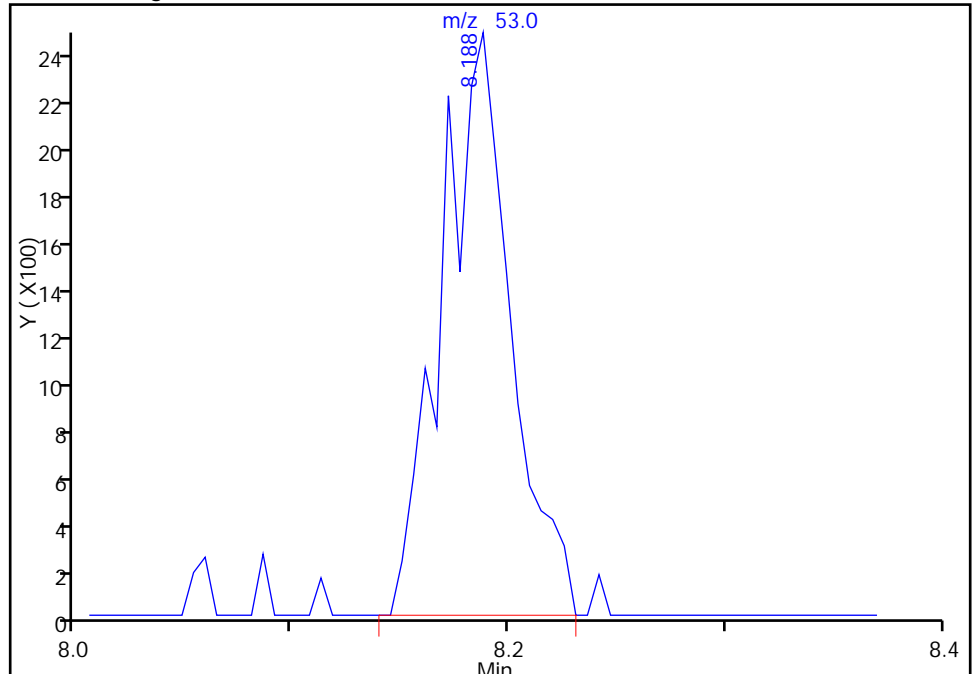
RT: 8.19
Response: 3915
Amount: 0.147855

Processing Integration Results



RT: 8.19
Response: 5479
Amount: 0.206921

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:54:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

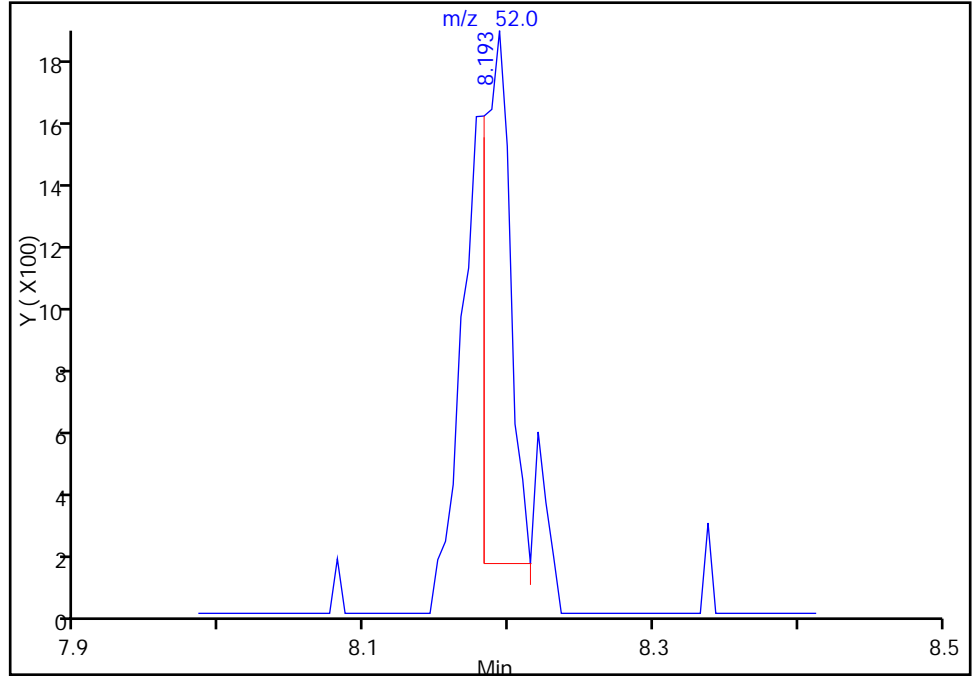
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_007.D
Injection Date: 20-Feb-2014 17:12:30 Instrument ID: CHG.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: bl ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

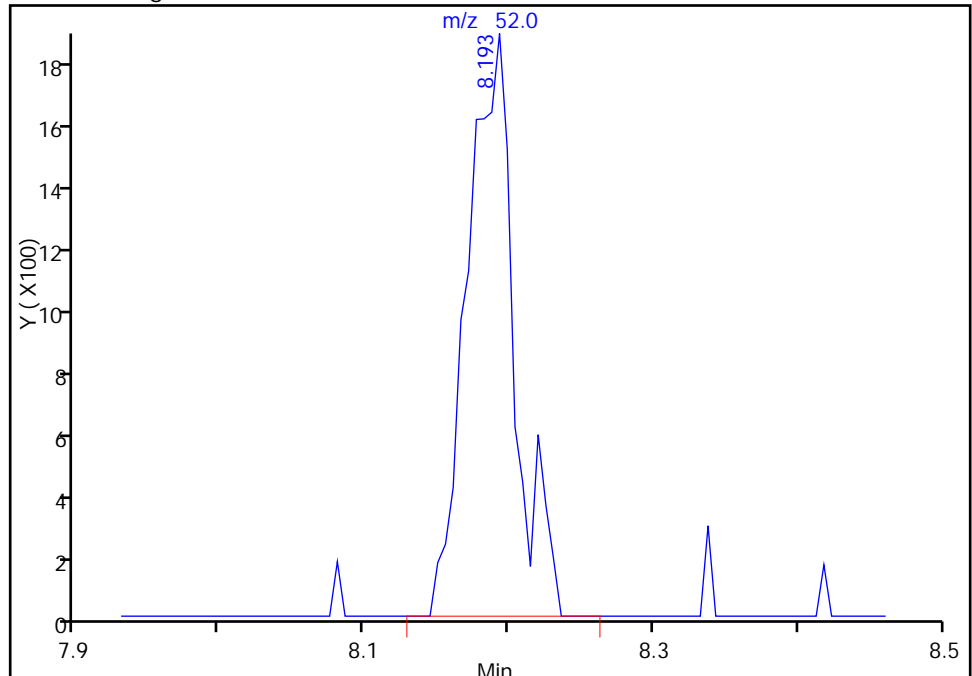
RT: 8.19
Response: 2101
Amount: 0.147855

Processing Integration Results



RT: 8.19
Response: 4216
Amount: 0.206921

Manual Integration Results



Reviewer: daiglep, 21-Feb-2014 11:54:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_008.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 20-Feb-2014 17:59:30 ALS Bottle#: 3 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-008
 Misc. Info.: IC-03
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:27 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:55:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	92	18540	0.5889	
2 Dichlorodifluoromethane	85	3.132	3.127	0.005	88	129063	0.5913	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	93	48538	0.5907	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	88	109804	0.5874	
8 Chloromethane	50	3.539	3.539	0.0	97	25172	0.6075	
9 Butane	43	3.764	3.759	0.005	97	33049	0.6051	
10 Vinyl chloride	62	3.796	3.796	0.0	97	31954	0.5629	
11 Butadiene	54	3.881	3.882	-0.001	92	18097	0.5466	
12 Bromomethane	94	4.582	4.577	0.005	96	46205	0.5717	
14 Chloroethane	64	4.828	4.828	0.0	95	13315	0.5907	
15 2-Methylbutane	43	4.919	4.925	-0.006	85	20397	0.5704	
16 Vinyl bromide	106	5.235	5.235	0.0	95	48611	0.5539	
17 Trichlorofluoromethane	101	5.347	5.353	-0.006	95	143623	0.5761	
18 Pentane	43	5.508	5.508	0.0	96	31896	0.5764	
19 Ethanol	45	5.925	5.925	0.0	95	72194	5.43	
21 Ethyl ether	59	6.048	6.043	0.005	96	14683	0.5272	
22 Acrolein	56	6.406	6.407	-0.001	75	8258	0.6214	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.481	6.476	0.005	95	89704	0.5734	
24 1,1-Dichloroethene	96	6.497	6.503	-0.006	92	38323	0.5786	
25 Acetone	43	6.733	6.722	0.011	85	81985	1.34	
26 Carbon disulfide	76	6.888	6.888	0.0	98	89006	0.5487	
27 Isopropyl alcohol	45	7.048	7.038	0.010	96	26485	0.5369	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	79	23682	0.5412	
30 Acetonitrile	41	7.396	7.402	-0.006	96	16130	0.6853	
31 Methylene Chloride	49	7.594	7.600	-0.006	80	29735	0.6046	
32 2-Methyl-2-propanol	59	7.846	7.840	0.006	97	44674	0.5097	
33 Methyl tert-butyl ether	73	8.049	8.044	0.005	94	85180	0.5472	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	86	40916	0.5660	
35 Acrylonitrile	53	8.177	8.188	-0.011	91	13855	0.5214	
36 Hexane	57	8.488	8.493	-0.005	88	32294	0.5531	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.942	8.948	-0.006	97	57010	0.5384
	38	Vinyl acetate	43	9.044	9.044	0.0	99	52203	0.5096
	39	cis-1,2-Dichloroethene	96	10.087	10.093	-0.006	85	50426	0.5620
	40	2-Butanone (MEK)	72	10.135	10.141	-0.006	99	20463	0.6745
S	41	1,2-Dichloroethene, Total	61				0		1.13
	42	Ethyl acetate	88	10.221	10.216	0.005	96	2503	0.5445
*	43	Chlorobromomethane	128	10.558	10.563	-0.005	69	695710	10.0
	44	Tetrahydrofuran	42	10.585	10.579	0.006	49	26382	0.5601
	45	Chloroform	83	10.702	10.708	-0.006	99	114228	0.5743
	46	Cyclohexane	84	11.002	10.997	0.005	63	57411	0.5808
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	93	131103	0.5606
	48	Carbon tetrachloride	117	11.269	11.275	-0.006	97	156994	0.5265
	50	Benzene	78	11.740	11.746	-0.006	95	154653	0.5852
	51	Isooctane	57	11.751	11.767	-0.016	97	184696	0.5857
	52	1,2-Dichloroethane	62	11.911	11.917	-0.006	99	72082	0.5463
	53	n-Heptane	43	12.173	12.179	-0.006	84	65839	0.5618
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3960662	10.0
	55	n-Butanol	56	13.040	13.019	0.021	83	22919	0.5067
	56	Trichloroethene	95	13.110	13.115	-0.005	96	102297	0.5459
A	57	GRO	1	13.297	4.915 - 21.679		0	24747907	0
	58	1,2-Dichloropropane	63	13.677	13.682	-0.005	90	70446	0.5693
	59	Methyl methacrylate	69	13.891	13.886	0.005	79	49923	0.4640
	60	1,4-Dioxane	88	13.928	13.918	0.010	42	34891	0.5994
	61	Dibromomethane	174	13.939	13.939	0.0	94	108460	0.5183
	62	Dichlorobromomethane	83	14.254	14.249	0.005	97	161476	0.5227
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	35400867	122.0
	64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	110337	0.5246
	65	4-Methyl-2-pentanone (MIBK)	43	15.544	15.533	0.011	93	100890	0.5212
	66	Toluene	92	15.854	15.854	0.0	93	165800	0.5846
	69	n-Octane	43	15.961	15.967	-0.006	85	121271	0.5981
	70	trans-1,3-Dichloropropene	75	16.437	16.443	-0.006	92	106208	0.4958
	71	1,1,2-Trichloroethane	83	16.812	16.817	-0.005	95	83539	0.5880
	72	Tetrachloroethene	166	16.961	16.967	-0.006	97	164090	0.5383
	73	2-Hexanone	43	17.293	17.288	0.005	91	82281	0.4845
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	182005	0.4964
	75	Ethylene Dibromide	107	17.860	17.866	-0.006	100	151583	0.5300
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	82	3871506	10.0
	77	Chlorobenzene	112	18.845	18.850	-0.005	76	232809	0.5659
	78	Ethylbenzene	91	19.016	19.016	0.0	97	338982	0.5754
	79	n-Nonane	57	19.187	19.182	0.005	84	126136	0.6017
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	100	284857	1.18
S	82	Xylenes, Total	106				0		1.75
	83	o-Xylene	106	20.102	20.102	0.0	95	141475	0.5627
	84	Styrene	104	20.145	20.145	-0.001	97	158543	0.4737
	85	Bromoform	173	20.530	20.530	0.0	97	148133	0.4272
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	403696	0.5831
\$	87	4-Bromofluorobenzene	95	21.107	21.108	-0.001	99	2023918	NC
	88	1,1,1,2-Tetrachloroethane	83	21.364	21.364	0.0	96	197660	0.5780
	89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	96	138895	0.6131
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	422680	0.5917
	91	4-Ethyltoluene	105	21.653	21.653	0.0	89	349454	0.6011
	92	2-Chlorotoluene	91	21.653	21.653	0.0	89	305303	0.6318

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	21.664	21.669	-0.005	84	155046	0.7266
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	327327	0.5696
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	93	114920	0.4365
96	tert-Butylbenzene		119	22.236	22.242	-0.006	89	342819	0.5875
97	1,2,4-Trimethylbenzene		105	22.327	22.333	-0.006	96	306178	0.5505
98	sec-Butylbenzene		105	22.557	22.563	-0.006	99	489470	0.6034
99	4-Isopropyltoluene		119	22.761	22.761	0.0	94	395550	0.5869
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	159722	0.4623
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	136968	0.4083
102	Benzyl chloride		91	23.103	23.103	0.0	99	134388	0.3779
103	n-Butylbenzene		91	23.338	23.338	0.0	90	281679	0.5309
104	Undecane		57	23.381	23.381	0.0	92	138066	0.5552
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	98	168371	0.4393
106	Dodecane		57		25.008				
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	90	41123	0.2011
108	Hexachlorobutadiene		225	26.222	26.227	-0.005	88	70423	0.4080
109	Naphthalene		128	26.505	26.500	0.005	98	106015	0.2175
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	87	28868	0.1718

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_008.D

Injection Date: 20-Feb-2014 17:59:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

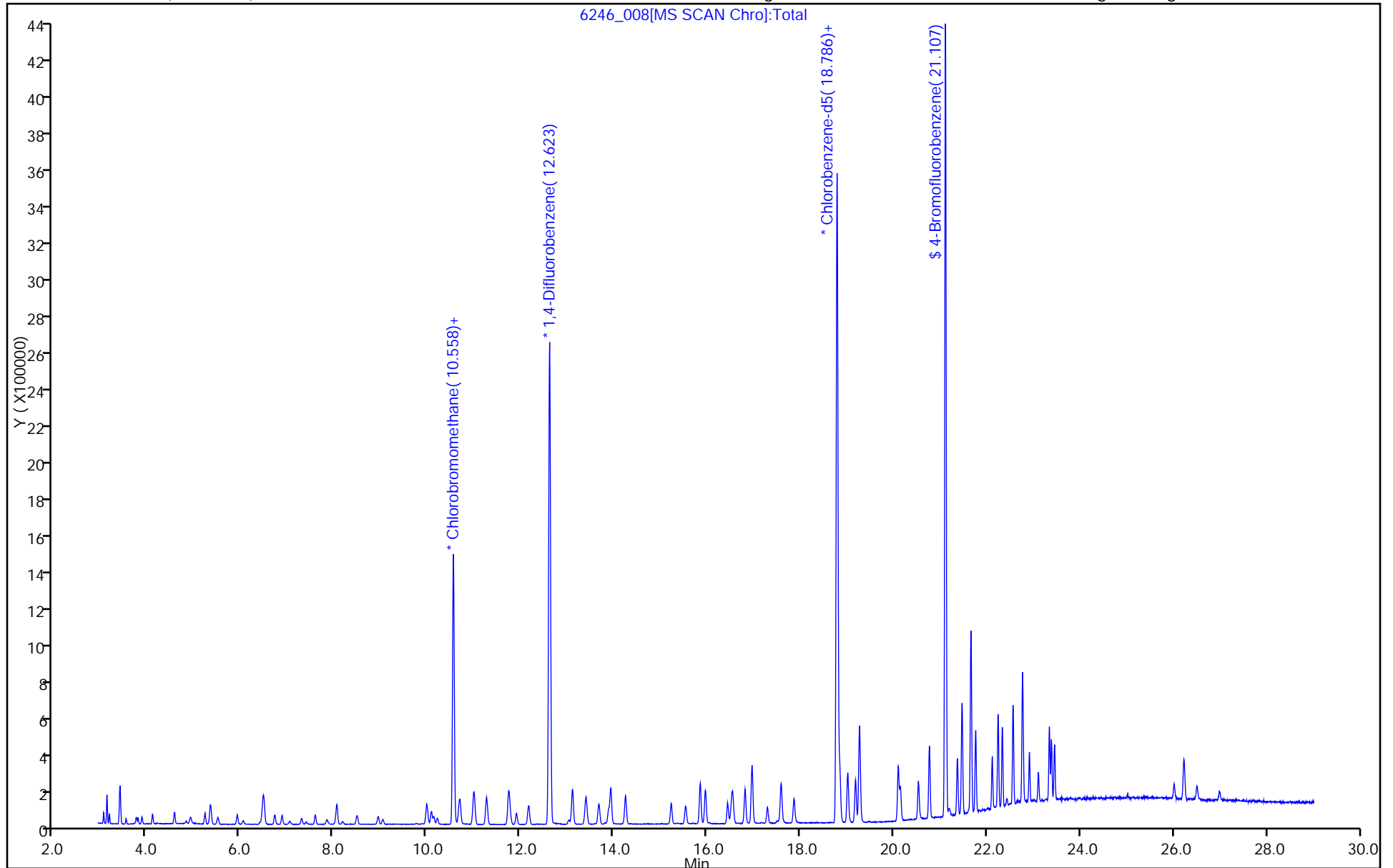
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_009.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 20-Feb-2014 18:46:30 ALS Bottle#: 4 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-009
 Misc. Info.: IC-04
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:30 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:56:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	151117	4.85	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	1208772	5.60	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	451729	5.55	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	1017902	5.50	
8 Chloromethane	50	3.539	3.539	0.0	99	225318	5.49	
9 Butane	43	3.758	3.759	-0.001	97	300548	5.56	
10 Vinyl chloride	62	3.796	3.796	0.0	97	292452	5.20	
11 Butadiene	54	3.881	3.882	-0.001	93	178903	5.46	
12 Bromomethane	94	4.577	4.577	0.0	98	433178	5.41	
14 Chloroethane	64	4.828	4.828	0.0	99	120029	5.38	
15 2-Methylbutane	43	4.919	4.925	-0.006	86	184884	5.22	
16 Vinyl bromide	106	5.229	5.235	-0.006	97	467389	5.38	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	1336944	5.42	
18 Pentane	43	5.508	5.508	0.0	93	302081	5.52	
19 Ethanol	45	5.920	5.925	-0.005	96	136094	10.3	
21 Ethyl ether	59	6.043	6.043	0.0	95	148478	5.39	
22 Acrolein	56	6.401	6.407	-0.006	97	72770	5.53	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.481	6.476	0.005	95	840163	5.43	
24 1,1-Dichloroethene	96	6.497	6.503	-0.006	92	352045	5.37	
25 Acetone	43	6.722	6.722	0.0	86	323029	5.34	
26 Carbon disulfide	76	6.883	6.888	-0.005	98	853634	5.32	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	285338	5.84	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	234040	5.40	
30 Acetonitrile	41	7.401	7.402	-0.001	97	131243	5.63	
31 Methylene Chloride	49	7.599	7.600	-0.001	83	266067	5.47	
32 2-Methyl-2-propanol	59	7.835	7.840	-0.005	98	496490	5.72	
33 Methyl tert-butyl ether	73	8.043	8.044	-0.001	94	834114	5.41	
34 trans-1,2-Dichloroethene	61	8.059	8.060	-0.001	87	392851	5.49	
35 Acrylonitrile	53	8.188	8.188	0.0	93	140952	5.36	
36 Hexane	57	8.493	8.493	0.0	91	307913	5.33	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.942	8.948	-0.006	99	554518	5.29
	38	Vinyl acetate	43	9.044	9.044	0.0	99	552395	5.45
	39	cis-1,2-Dichloroethene	96	10.087	10.093	-0.006	92	470673	5.30
	40	2-Butanone (MEK)	72	10.141	10.141	-0.001	98	153510	5.11
S	41	1,2-Dichloroethene, Total	61				0		10.8
	42	Ethyl acetate	88	10.215	10.216	-0.001	98	24618	5.41
*	43	Chlorobromomethane	128	10.563	10.563	0.0	68	688650	10.0
	44	Tetrahydrofuran	42	10.585	10.579	0.006	84	262302	5.59
	45	Chloroform	83	10.708	10.708	0.0	99	1075112	5.46
	46	Cyclohexane	84	10.991	10.997	-0.006	84	533914	5.43
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	93	1263234	5.43
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	1570962	5.29
	50	Benzene	78	11.745	11.746	-0.001	94	1425155	5.42
	51	Isooctane	57	11.761	11.767	-0.006	98	1749112	5.57
	52	1,2-Dichloroethane	62	11.917	11.917	0.0	99	709813	5.40
	53	n-Heptane	43	12.173	12.179	-0.006	86	622697	5.34
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	3942454	10.0
	55	n-Butanol	56	13.019	13.019	0.0	85	245970	5.46
	56	Trichloroethene	95	13.110	13.115	-0.005	95	971312	5.21
A	57	GRO	1	13.297	4.915 - 21.679		0	230917399	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	92	687104	5.58
	59	Methyl methacrylate	69	13.885	13.886	-0.001	80	599107	5.59
	60	1,4-Dioxane	88	13.923	13.918	0.005	85	363088	6.27
	61	Dibromomethane	174	13.939	13.939	0.0	94	1115046	5.35
	62	Dichlorobromomethane	83	14.249	14.249	0.0	98	1716250	5.58
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	360433426	1247.9
	64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	1150002	5.49
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	93	1090848	5.66
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	5763228	NC
	66	Toluene	92	15.854	15.854	0.0	94	1590379	5.37
A	68	C8 Range	1	15.967	15.917 - 16.017		0	4948147	NC
	69	n-Octane	43	15.961	15.967	-0.006	87	1135415	5.63
	70	trans-1,3-Dichloropropene	75	16.442	16.443	-0.001	93	1168774	5.48
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	95	811215	5.47
	72	Tetrachloroethene	166	16.961	16.967	-0.006	97	1627552	5.11
	73	2-Hexanone	43	17.288	17.288	0.0	93	1005814	5.67
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	2125782	5.55
	75	Ethylene Dibromide	107	17.865	17.866	-0.001	99	1632564	5.47
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	82	4041821	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	98	2316460	5.39
	78	Ethylbenzene	91	19.016	19.016	0.0	97	3378545	5.49
	79	n-Nonane	57	19.182	19.182	0.0	83	1241178	5.67
	80	m-Xylene & p-Xylene	106	19.267	19.273	-0.006	99	2800392	11.1
S	82	Xylenes, Total	106				0		16.7
	83	o-Xylene	106	20.102	20.102	0.0	95	1448848	5.52
	84	Styrene	104	20.144	20.145	-0.001	97	1977497	5.66
	85	Bromoform	173	20.530	20.530	0.0	98	2041252	5.64
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	4040344	5.59
\$	87	4-Bromofluorobenzene	95	21.107	21.108	-0.001	98	2372950	NC
	88	1,1,2,2-Tetrachloroethane	83	21.364	21.364	0.0	98	2029661	5.68
	89	1,2,3-Trichloropropane	75	21.460	21.461	-0.001	97	1391625	5.88
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	4335173	5.81

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.653	21.653	0.0	89	3601019	5.93
92	2-Chlorotoluene		91	21.653	21.653	0.0	88	2966781	5.88
93	n-Decane		57	21.669	21.669	0.0	83	1387088	6.23
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	3339306	5.57
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	1589678	5.78
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	3396541	5.58
97	1,2,4-Trimethylbenzene		105	22.332	22.333	-0.001	96	3275586	5.64
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	4896687	5.78
99	4-Isopropyltoluene		119	22.760	22.761	-0.001	95	4107052	5.84
100	1,3-Dichlorobenzene		146	22.777	22.777	-0.001	98	2012775	5.58
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	1864818	5.32
102	Benzyl chloride		91	23.103	23.103	0.0	100	2060431	5.55
103	n-Butylbenzene		91	23.338	23.338	0.0	90	3250065	5.87
104	Undecane		57	23.381	23.381	0.0	91	1613618	6.22
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	98	2068985	5.17
106	Dodecane		57	25.007	25.008	-0.001	92	206208	5.06
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	94	973721	4.56
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	1077440	5.98
109	Naphthalene		128	26.505	26.500	0.005	99	2399063	4.71
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	96	959669	5.47

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_009.D

Injection Date: 20-Feb-2014 18:46:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

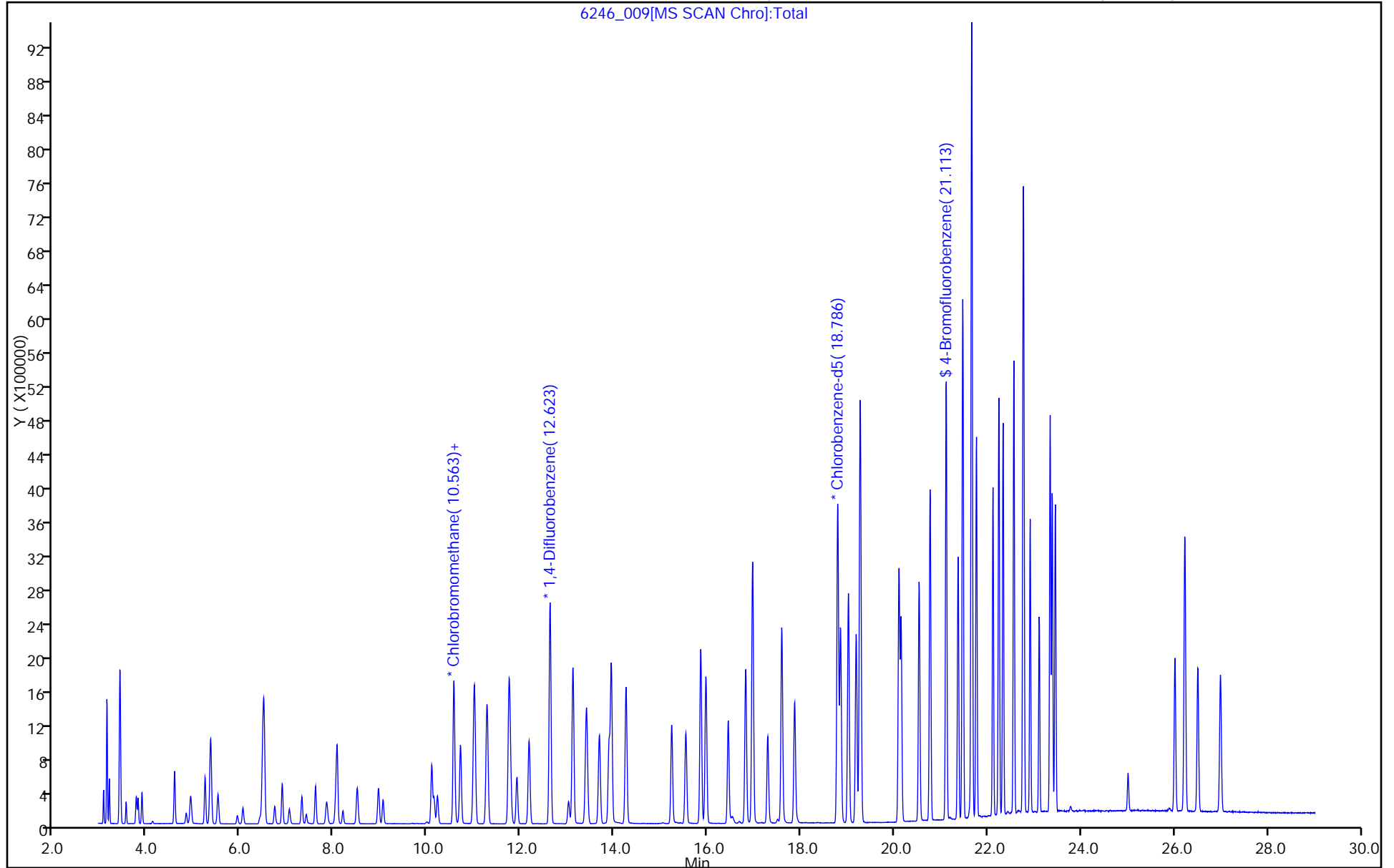
ALS Bottle#: 4

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_010.D
 Lims ID: ICIS Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 20-Feb-2014 19:33:30 ALS Bottle#: 5 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-010
 Misc. Info.: IC-05
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:43:55 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	98	286297	8.84	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	2259292	10.1	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	82	855933	10.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	1904928	9.91	
8 Chloromethane	50	3.539	3.539	0.0	99	420154	9.86	
9 Butane	43	3.759	3.759	0.0	97	559089	9.95	
10 Vinyl chloride	62	3.796	3.796	0.0	98	556751	9.54	
11 Butadiene	54	3.882	3.882	0.0	92	339253	9.97	
12 Bromomethane	94	4.577	4.577	0.0	99	823346	9.91	
14 Chloroethane	64	4.828	4.828	0.0	99	229705	9.91	
15 2-Methylbutane	43	4.925	4.925	0.0	87	349976	9.52	
16 Vinyl bromide	106	5.235	5.235	0.0	97	892749	9.89	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	2520532	9.83	
18 Pentane	43	5.508	5.508	0.0	93	566844	9.96	
19 Ethanol	45	5.925	5.925	0.0	95	212163	15.5	
21 Ethyl ether	59	6.043	6.043	0.0	94	283148	9.89	
22 Acrolein	56	6.407	6.407	0.0	95	137856	10.1	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	94	1583677	9.85	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	92	662295	9.73	
25 Acetone	43	6.722	6.722	0.0	86	795436	12.7	
26 Carbon disulfide	76	6.888	6.888	0.0	98	1640891	9.84	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	549210	10.8	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	450082	10.0	
30 Acetonitrile	41	7.402	7.402	0.0	97	248568	10.3	
31 Methylene Chloride	49	7.600	7.600	0.0	81	501054	9.91	
32 2-Methyl-2-propanol	59	7.840	7.840	0.0	98	960229	10.7	
33 Methyl tert-butyl ether	73	8.044	8.044	0.0	93	1607772	10.0	
34 trans-1,2-Dichloroethene	61	8.060	8.060	0.0	88	738091	9.93	
35 Acrylonitrile	53	8.188	8.188	0.0	94	276821	10.1	
36 Hexane	57	8.493	8.493	0.0	91	589981	9.83	
37 1,1-Dichloroethane	63	8.948	8.948	0.0	99	1043330	9.58	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.044	9.044	0.0	99	1081527	10.3
	39			10.093	10.093	0.0	91	906927	9.83
	40			10.141	10.141	0.0	95	301345	9.66
S	41						0		19.8
	42			10.216	10.216	0.0	90	49181	10.4
*	43			10.563	10.563	0.0	67	715346	10.0
	44			10.579	10.579	0.0	85	499970	10.4
	45			10.708	10.708	0.0	99	2032630	9.94
	46			10.997	10.997	0.0	60	997051	9.89
	47			11.007	11.007	0.0	93	2387389	10.0
	48			11.275	11.275	0.0	96	3020168	9.93
	50			11.746	11.746	0.0	94	2647780	9.82
	51			11.767	11.767	0.0	98	3226416	10.0
	52			11.917	11.917	0.0	99	1342503	9.97
	53			12.179	12.179	0.0	85	1141680	9.55
*	54			12.628	12.628	0.0	91	4040627	10.0
	55			13.019	13.019	0.0	85	505897	11.0
	56			13.115	13.115	0.0	93	1844608	9.65
A	57			13.297	4.915 - 21.679		0	435114122	0
	58			13.682	13.682	0.0	91	1278379	10.1
	59			13.886	13.886	0.0	79	1176380	10.7
	60			13.918	13.918	0.0	59	680611	11.5
	61			13.939	13.939	0.0	92	2215033	10.4
	62			14.249	14.249	0.0	97	3300205	10.5
A	63			15.022	3.048 - 26.997		0	694831478	2347.3
	64			15.234	15.234	0.0	87	2221070	10.4
	65			15.533	15.533	0.0	93	2051108	10.4
	66			15.854	15.854	0.0	92	2998194	9.76
	69			15.967	15.967	0.0	84	2058389	9.95
	70			16.443	16.443	0.0	93	2292877	10.5
	71			16.817	16.817	0.0	95	1529284	9.94
	72			16.967	16.967	0.0	97	3202244	9.70
	73			17.288	17.288	0.0	93	1928485	10.5
	74			17.588	17.588	0.0	97	4251148	10.7
	75			17.866	17.866	0.0	99	3217385	10.4
*	76			18.786	18.786	0.0	81	4191149	10.0
	77			18.850	18.850	0.0	93	4481775	10.1
	78			19.016	19.016	0.0	96	6427281	10.1
	79			19.182	19.182	0.0	82	2261097	9.96
	80			19.273	19.273	0.0	99	5235134	20.1
S	82						0		30.2
	83			20.102	20.102	0.0	95	2747243	10.1
	84			20.145	20.145	0.0	98	3948082	10.9
	85			20.530	20.530	0.0	98	4218739	11.2
	86			20.765	20.765	0.0	94	7583518	10.1
\$	87			21.108	21.108	0.0	98	2531326	NC
	88			21.364	21.364	0.0	97	3771098	10.2
	89			21.461	21.461	0.0	65	2544453	10.4
	90			21.471	21.471	0.0	99	8017289	10.4
	92			21.653	21.653	0.0	88	5276687	10.1
	91			21.653	21.653	0.0	89	6545510	10.4
	93			21.669	21.669	0.0	79	2370339	10.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	6375396	10.2
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	3226946	11.3
96	tert-Butylbenzene		119	22.242	22.242	0.0	90	6372646	10.1
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	95	6282168	10.4
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	9070536	10.3
99	4-Isopropyltoluene		119	22.761	22.761	0.0	95	7647082	10.5
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	4178465	11.2
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	96	4104191	11.3
102	Benzyl chloride		91	23.103	23.103	0.0	100	4404416	11.4
103	n-Butylbenzene		91	23.338	23.338	0.0	97	6233885	10.9
104	Undecane		57	23.381	23.381	0.0	88	2967633	11.0
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	91	4306560	10.4
106	Dodecane		57	25.008	25.008	0.0	92	440445	10.4
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	91	2578741	11.7
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	2199519	11.8
109	Naphthalene		128	26.500	26.500	0.0	99	6577845	12.5
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	95	2584533	14.2

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_010.D

Injection Date: 20-Feb-2014 19:33:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: ICIS

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

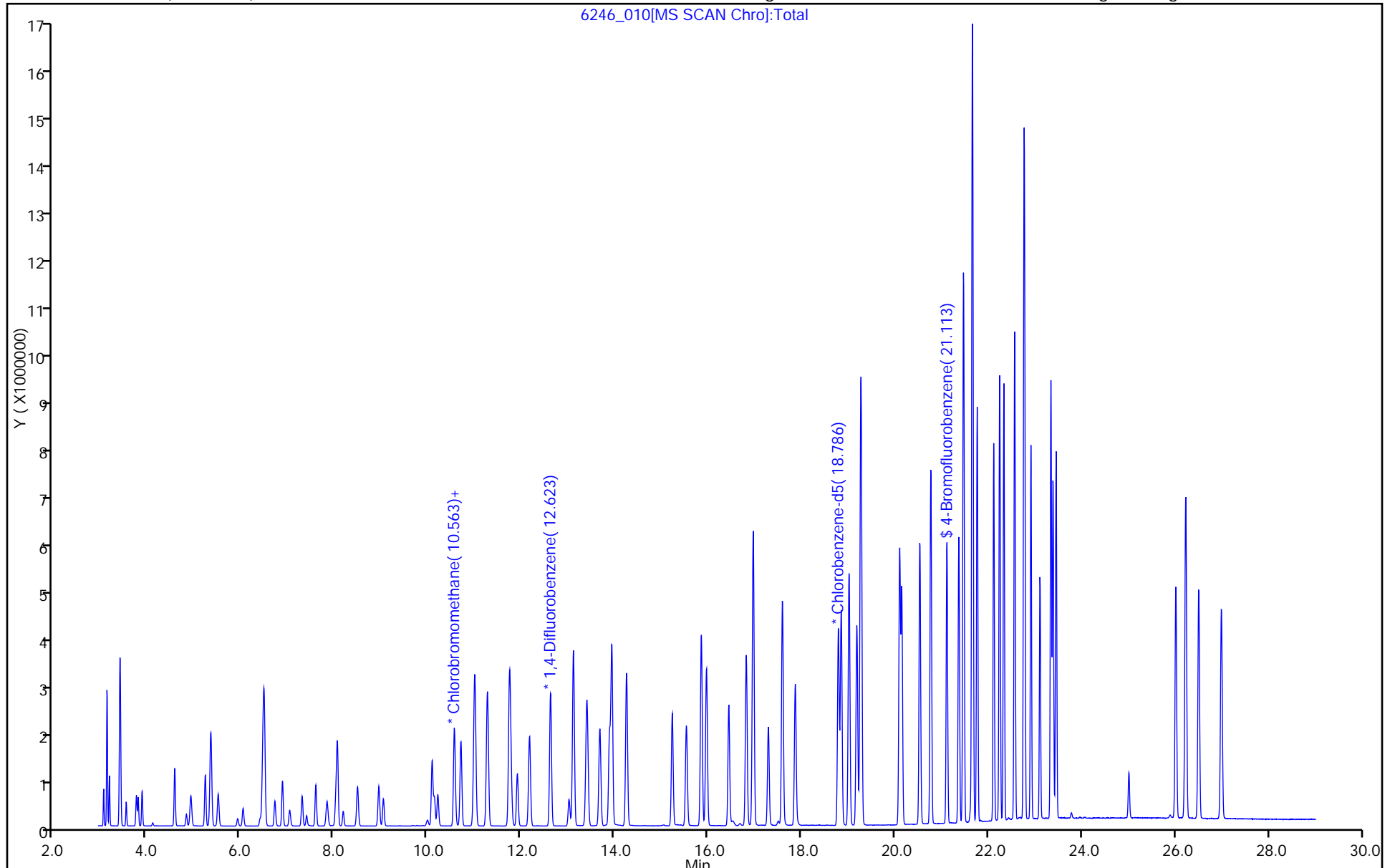
ALS Bottle#: 5

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_011.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 20-Feb-2014 20:20:30 ALS Bottle#: 6 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-011
 Misc. Info.: IC-06
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:33 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 11:59:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	409939	12.6	
2 Dichlorodifluoromethane	85	3.133	3.127	0.006	99	3230850	14.3	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	1200735	14.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	89	2701745	14.0	
8 Chloromethane	50	3.539	3.539	0.0	99	598384	13.9	
9 Butane	43	3.758	3.759	-0.001	97	806246	14.2	
10 Vinyl chloride	62	3.796	3.796	0.0	97	798226	13.6	
11 Butadiene	54	3.881	3.882	-0.001	92	487180	14.2	
12 Bromomethane	94	4.577	4.577	0.0	98	1183604	14.1	
14 Chloroethane	64	4.828	4.828	0.0	100	335083	14.3	
15 2-Methylbutane	43	4.925	4.925	0.0	86	507695	13.7	
16 Vinyl bromide	106	5.235	5.235	0.0	96	1308520	14.4	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	3643540	14.1	
18 Pentane	43	5.513	5.508	0.005	94	823688	14.4	
19 Ethanol	45	5.930	5.925	0.005	97	271826	19.7	
21 Ethyl ether	59	6.043	6.043	0.0	95	415742	14.4	
22 Acrolein	56	6.401	6.407	-0.006	96	201208	14.6	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	2277520	14.1	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	92	947756	13.8	
25 Acetone	43	6.722	6.722	0.0	86	862031	13.6	
26 Carbon disulfide	76	6.888	6.888	0.0	98	2648261	15.8	
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	750208	14.7	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	82	651073	14.4	
30 Acetonitrile	41	7.402	7.402	0.0	98	361566	14.8	
31 Methylene Chloride	49	7.600	7.600	0.0	80	710830	14.0	
32 2-Methyl-2-propanol	59	7.840	7.840	0.0	98	1333072	14.7	
33 Methyl tert-butyl ether	73	8.038	8.044	-0.006	94	2330831	14.5	
34 trans-1,2-Dichloroethene	61	8.065	8.060	0.005	86	1064193	14.2	
35 Acrylonitrile	53	8.188	8.188	0.0	94	404196	14.7	
36 Hexane	57	8.493	8.493	0.0	91	868088	14.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	99	1525580	13.9
	38	Vinyl acetate	43	9.049	9.044	0.005	99	1577514	14.9
	39	cis-1,2-Dichloroethene	96	10.092	10.093	-0.001	91	1323299	14.2
	40	2-Butanone (MEK)	72	10.141	10.141	0.0	98	439441	14.0
S	41	1,2-Dichloroethene, Total	61				0		28.4
	42	Ethyl acetate	88	10.216	10.216	0.0	98	70260	14.8
*	43	Chlorobromomethane	128	10.563	10.563	0.0	67	720827	10.0
	44	Tetrahydrofuran	42	10.579	10.579	0.0	81	714991	14.7
	45	Chloroform	83	10.708	10.708	0.0	99	2921953	14.2
	46	Cyclohexane	84	10.997	10.997	0.0	83	1433887	14.0
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	95	3437517	14.2
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	4402582	14.3
	50	Benzene	78	11.746	11.746	0.0	94	3761203	13.8
	51	Isooctane	57	11.767	11.767	0.0	98	4607690	14.1
	52	1,2-Dichloroethane	62	11.911	11.917	-0.006	99	1939265	14.2
	53	n-Heptane	43	12.174	12.179	-0.005	85	1630783	13.5
*	54	1,4-Difluorobenzene	114	12.628	12.628	0.0	91	4092312	10.0
	55	n-Butanol	56	13.024	13.019	0.005	85	698968	15.0
	56	Trichloroethene	95	13.115	13.115	0.0	94	2647845	13.7
A	57	GRO	1	13.297	4.915 - 21.679		0	623166089	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	91	1837625	14.4
	59	Methyl methacrylate	69	13.885	13.886	-0.001	79	1684416	15.2
	60	1,4-Dioxane	88	13.918	13.918	0.0	84	881134	14.7
	61	Dibromomethane	174	13.939	13.939	0.0	93	3253569	15.0
	62	Dichlorobromomethane	83	14.255	14.249	0.006	97	4802511	15.0
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	1003475507	3347.1
	64	cis-1,3-Dichloropropene	75	15.234	15.234	0.0	87	3238934	14.9
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	92	2941842	14.7
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	15613255	NC
	66	Toluene	92	15.854	15.854	0.0	93	4313082	13.8
A	68	C8 Range	1	15.967	15.917 - 16.017		0	12981707	NC
	69	n-Octane	43	15.961	15.967	-0.006	85	2920702	13.9
	70	trans-1,3-Dichloropropene	75	16.443	16.443	0.0	93	3359685	15.2
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	94	2193082	14.0
	72	Tetrachloroethene	166	16.967	16.967	0.0	97	4717288	14.0
	73	2-Hexanone	43	17.288	17.288	0.0	93	2816666	15.0
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	6248363	15.5
	75	Ethylene Dibromide	107	17.866	17.866	0.0	99	4686871	14.9
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	80	4267788	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	98	6544081	14.4
	78	Ethylbenzene	91	19.016	19.016	0.0	96	9224141	14.2
	79	n-Nonane	57	19.182	19.182	0.0	83	3197055	13.8
	80	m-Xylene & p-Xylene	106	19.273	19.273	0.0	99	7470362	28.1
S	82	Xylenes, Total	106				0		42.4
	83	o-Xylene	106	20.102	20.102	0.0	95	3956763	14.3
	84	Styrene	104	20.145	20.145	0.0	97	5731100	15.5
	85	Bromoform	173	20.535	20.530	0.005	98	6318722	16.5
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	10856447	14.2
\$	87	4-Bromofluorobenzene	95	21.113	21.108	0.005	98	2590592	NC
	88	1,1,2,2-Tetrachloroethane	83	21.364	21.364	0.0	97	5358285	14.2
	89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	95	3560001	14.3
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	11208613	14.2

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
91	4-Ethyltoluene	105	21.653	21.653	0.0	89	9049566	14.1
92	2-Chlorotoluene	91	21.653	21.653	0.0	88	7203124	13.5
93	n-Decane	57	21.669	21.669	0.0	82	3118009	13.3
94	1,3,5-Trimethylbenzene	105	21.760	21.760	0.0	93	9119021	14.4
95	Alpha Methyl Styrene	118	22.113	22.113	0.0	91	4729427	16.3
96	tert-Butylbenzene	119	22.242	22.242	0.0	91	9065846	14.1
97	1,2,4-Trimethylbenzene	105	22.333	22.333	0.0	95	9030475	14.7
98	sec-Butylbenzene	105	22.563	22.563	0.0	98	12841290	14.4
99	4-Isopropyltoluene	119	22.761	22.761	0.0	95	10785413	14.5
100	1,3-Dichlorobenzene	146	22.777	22.777	0.0	98	6148441	16.1
101	1,4-Dichlorobenzene	146	22.910	22.910	0.0	96	6246800	16.9
102	Benzyl chloride	91	23.103	23.103	0.0	100	6590225	16.8
103	n-Butylbenzene	91	23.338	23.338	0.0	95	8898136	15.2
104	Undecane	57	23.381	23.381	0.0	90	4109189	15.0
105	1,2-Dichlorobenzene	146	23.451	23.451	0.0	99	6455653	15.3
106	Dodecane	57	25.007	25.008	-0.001	92	771526	17.9
107	1,2,4-Trichlorobenzene	180	26.013	26.013	0.0	94	4105144	18.2
108	Hexachlorobutadiene	225	26.227	26.227	0.0	93	3482315	18.3
109	Naphthalene	128	26.500	26.500	0.0	99	9951278	18.5
110	1,2,3-Trichlorobenzene	180	26.987	26.987	0.0	94	4130531	22.3

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_011.D

Injection Date: 20-Feb-2014 20:20:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 11

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

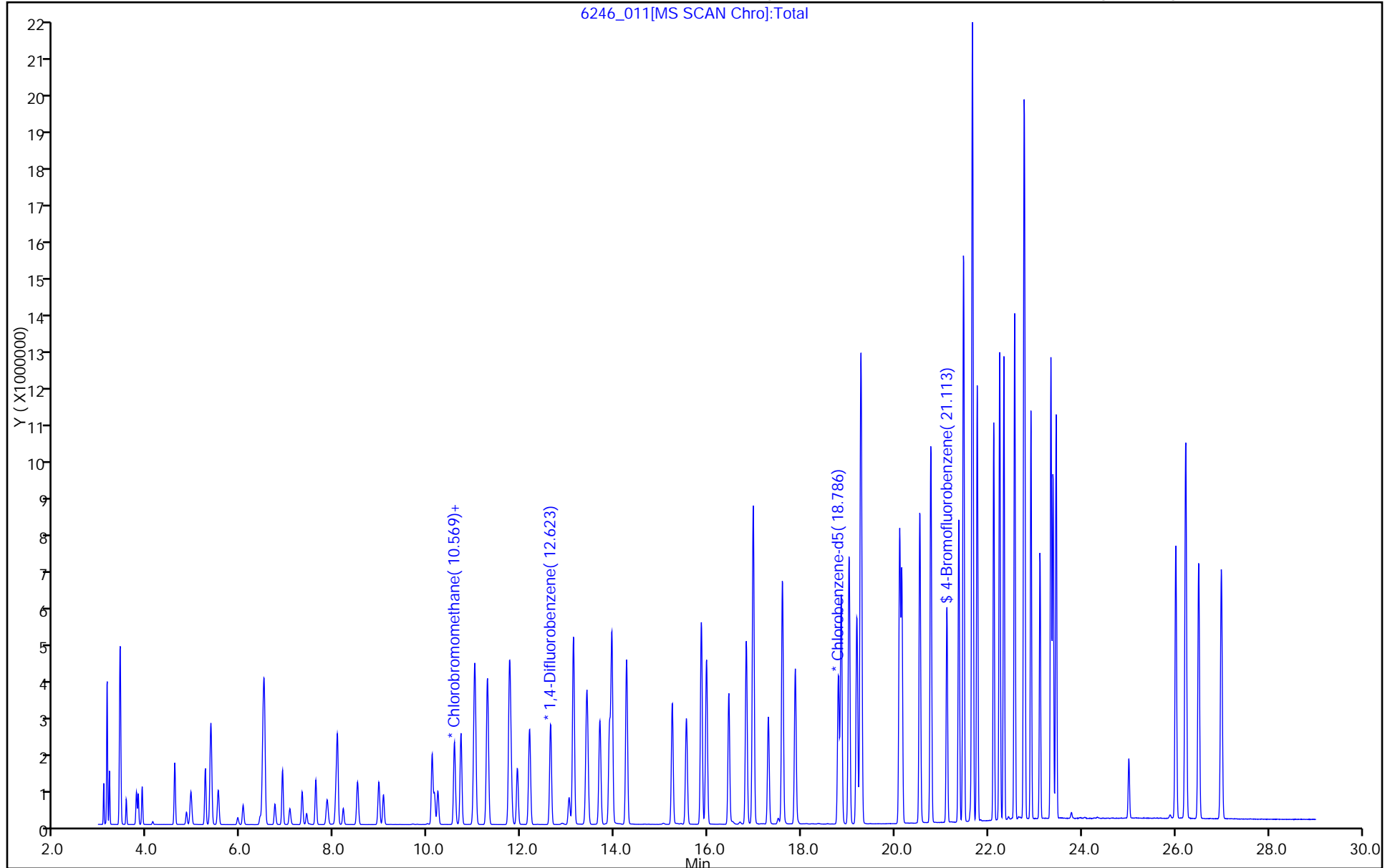
ALS Bottle#: 6

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_012.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 20-Feb-2014 21:07:30 ALS Bottle#: 7 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-012
 Misc. Info.: IC-07
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:37 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 12:00:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	531626	16.1	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	4181834	18.3	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	1577162	18.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	88	3501162	17.9	
8 Chloromethane	50	3.539	3.539	0.0	99	798173	18.4	
9 Butane	43	3.758	3.759	-0.001	97	1032909	18.1	
10 Vinyl chloride	62	3.796	3.796	0.0	98	1041015	17.5	
11 Butadiene	54	3.876	3.882	-0.006	93	627561	18.1	
12 Bromomethane	94	4.577	4.577	0.0	98	1556035	18.4	
14 Chloroethane	64	4.828	4.828	0.0	99	438854	18.6	
15 2-Methylbutane	43	4.925	4.925	0.0	88	668334	17.9	
16 Vinyl bromide	106	5.235	5.235	0.0	98	1723153	18.8	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	4742944	18.2	
18 Pentane	43	5.508	5.508	0.0	94	1075523	18.6	
19 Ethanol	45	5.930	5.925	0.005	96	539835	38.8	
21 Ethyl ether	59	6.043	6.043	0.0	94	549493	18.8	
22 Acrolein	56	6.406	6.407	-0.001	96	271982	19.6	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	2991683	18.3	
24 1,1-Dichloroethene	96	6.497	6.503	-0.006	93	1261148	18.2	
25 Acetone	43	6.722	6.722	0.0	86	1221169	19.1	
26 Carbon disulfide	76	6.888	6.888	0.0	98	3166898	18.7	
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	971316	18.8	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	82	862409	18.8	
30 Acetonitrile	41	7.401	7.402	-0.001	97	481394	19.5	
31 Methylene Chloride	49	7.599	7.600	-0.001	80	950923	18.5	
32 2-Methyl-2-propanol	59	7.846	7.840	0.006	98	1773174	19.3	
33 Methyl tert-butyl ether	73	8.038	8.044	-0.006	94	3075884	18.9	
34 trans-1,2-Dichloroethene	61	8.065	8.060	0.005	86	1386349	18.3	
35 Acrylonitrile	53	8.183	8.188	-0.005	94	538419	19.4	
36 Hexane	57	8.493	8.493	0.0	90	1123675	18.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	99	2007403	18.1
	38	Vinyl acetate	43	9.049	9.044	0.005	99	2087444	19.5
	39	cis-1,2-Dichloroethene	96	10.092	10.093	-0.001	91	1770187	18.8
	40	2-Butanone (MEK)	72	10.141	10.141	0.0	97	570879	18.0
S	41	1,2-Dichloroethene, Total	61				0		37.2
	42	Ethyl acetate	88	10.215	10.216	-0.001	98	94118	19.6
*	43	Chlorobromomethane	128	10.563	10.563	0.0	68	728202	10.0
	44	Tetrahydrofuran	42	10.574	10.579	-0.005	84	939094	19.1
	45	Chloroform	83	10.708	10.708	0.0	99	3835335	18.4
	46	Cyclohexane	84	10.991	10.997	-0.006	82	1884655	18.3
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	95	4503954	18.5
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	5780737	18.6
	50	Benzene	78	11.745	11.746	-0.001	94	4914178	17.9
	51	Isooctane	57	11.762	11.767	-0.005	98	5926650	18.1
	52	1,2-Dichloroethane	62	11.917	11.917	0.0	99	2553638	18.6
	53	n-Heptane	43	12.173	12.179	-0.006	85	2106255	17.3
*	54	1,4-Difluorobenzene	114	12.628	12.628	0.0	91	4123313	10.0
	55	n-Butanol	56	13.024	13.019	0.005	85	894348	19.0
	56	Trichloroethene	95	13.115	13.115	0.0	93	3463198	17.8
A	57	GRO	1	13.297	4.915 - 21.679		0	805887158	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	91	2386362	18.5
	59	Methyl methacrylate	69	13.885	13.886	-0.001	80	2202970	19.7
	60	1,4-Dioxane	88	13.917	13.918	-0.001	85	1099302	18.1
	61	Dibromomethane	174	13.939	13.939	0.0	93	4291738	19.7
	62	Dichlorobromomethane	83	14.254	14.249	0.005	97	6281735	19.5
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	1296318295	4291.4
	64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	4259880	19.5
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	92	3837041	19.0
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	20208828	NC
	66	Toluene	92	15.854	15.854	0.0	94	5619306	17.8
A	68	C8 Range	1	15.967	15.917 - 16.017		0	16674071	NC
	69	n-Octane	43	15.966	15.967	-0.001	84	3722407	17.6
	70	trans-1,3-Dichloropropene	75	16.442	16.443	-0.001	92	4446522	19.9
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	94	2837907	18.0
	72	Tetrachloroethene	166	16.967	16.967	0.0	96	6221845	18.4
	73	2-Hexanone	43	17.288	17.288	0.0	92	3644308	19.3
	74	Chlorodibromomethane	129	17.593	17.588	0.005	97	8257492	20.3
	75	Ethylene Dibromide	107	17.866	17.866	0.0	99	6200376	19.5
*	76	Chlorobenzene-d5	117	18.791	18.786	0.005	69	4297877	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	99	8525443	18.7
	78	Ethylbenzene	91	19.016	19.016	0.0	96	11901776	18.2
	79	n-Nonane	57	19.187	19.182	0.005	83	4051815	17.4
	80	m-Xylene & p-Xylene	106	19.272	19.273	-0.001	98	9585988	35.9
S	82	Xylenes, Total	106				0		54.1
	83	o-Xylene	106	20.102	20.102	0.0	96	5089695	18.2
	84	Styrene	104	20.144	20.145	-0.001	97	7581441	20.4
	85	Bromoform	173	20.535	20.530	0.005	98	8318745	21.6
	86	Isopropylbenzene	105	20.770	20.765	0.005	94	13989868	18.2
\$	87	4-Bromofluorobenzene	95	21.113	21.108	0.005	98	2618779	NC
	88	1,1,2,2-Tetrachloroethane	83	21.370	21.364	0.006	96	6815546	18.0
	89	1,2,3-Trichloropropane	75	21.461	21.461	-0.001	94	4440353	17.7
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	14025147	17.7

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
91	4-Ethyltoluene	105	21.658	21.653	0.005	89	11296239	17.5
92	2-Chlorotoluene	91	21.653	21.653	0.0	88	8920326	16.6
93	n-Decane	57	21.675	21.669	0.005	84	3720783	15.7
94	1,3,5-Trimethylbenzene	105	21.760	21.760	0.0	94	11650765	18.3
95	Alpha Methyl Styrene	118	22.119	22.113	0.006	91	6171333	21.1
96	tert-Butylbenzene	119	22.242	22.242	0.0	91	11610585	17.9
97	1,2,4-Trimethylbenzene	105	22.333	22.333	-0.001	95	11529355	18.7
98	sec-Butylbenzene	105	22.563	22.563	0.0	98	16091123	17.9
99	4-Isopropyltoluene	119	22.760	22.761	-0.001	94	13420123	17.9
100	1,3-Dichlorobenzene	146	22.782	22.777	0.005	99	7948502	20.7
101	1,4-Dichlorobenzene	146	22.910	22.910	0.0	97	8343313	22.4
102	Benzyl chloride	91	23.108	23.103	0.005	100	9009188	22.8
103	n-Butylbenzene	91	23.338	23.338	0.0	96	11235803	19.1
104	Undecane	57	23.386	23.381	0.005	90	5038697	18.3
105	1,2-Dichlorobenzene	146	23.451	23.451	0.0	99	8506718	20.0
106	Dodecane	57	25.007	25.008	-0.001	92	974121	22.5
107	1,2,4-Trichlorobenzene	180	26.013	26.013	0.0	91	5549938	24.5
108	Hexachlorobutadiene	225	26.227	26.227	0.0	93	4561824	23.8
109	Naphthalene	128	26.505	26.500	0.005	99	12509910	23.1
110	1,2,3-Trichlorobenzene	180	26.987	26.987	0.0	96	5493601	29.5

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_012.D

Injection Date: 20-Feb-2014 21:07:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 12

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

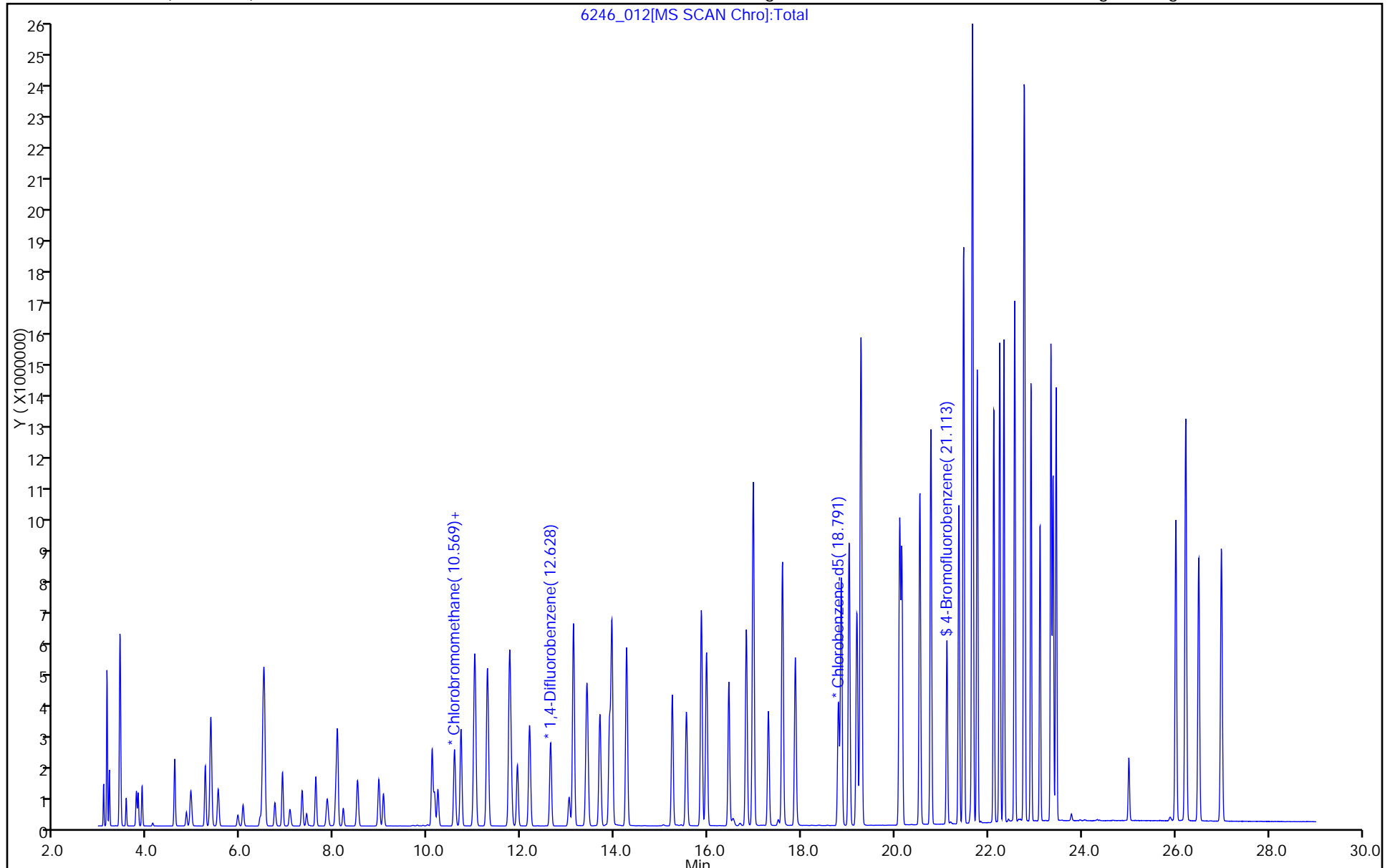
ALS Bottle#: 7

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 20-Feb-2014 21:54:30 ALS Bottle#: 8 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-013
 Misc. Info.: IC-08
 Operator ID: bl Instrument ID: CHG.i
 Sublist: chrom-TO15_LLNJ_TO3_G*sub3
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:41 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 12:02:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	983061	29.7	
2 Dichlorodifluoromethane	85	3.133	3.127	0.006	98	7546057	32.9	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	82	2888804	33.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	88	6314979	32.2	
8 Chloromethane	50	3.539	3.539	0.0	99	1479893	34.0	
9 Butane	43	3.759	3.759	0.0	96	1901790	33.1	
10 Vinyl chloride	62	3.796	3.796	0.0	97	1930472	32.4	
11 Butadiene	54	3.882	3.882	0.0	91	1176646	33.8	
12 Bromomethane	94	4.582	4.577	0.005	98	2895032	34.1	
14 Chloroethane	64	4.834	4.828	0.006	100	818413	34.6	
15 2-Methylbutane	43	4.930	4.925	0.005	87	1237978	33.0	
16 Vinyl bromide	106	5.235	5.235	0.0	97	3260069	35.4	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	8775338	33.5	
18 Pentane	43	5.513	5.508	0.005	92	2001506	34.4	
19 Ethanol	45	5.941	5.925	0.016	96	1243817	89.1	
21 Ethyl ether	59	6.043	6.043	0.0	89	1019836	34.9	
22 Acrolein	56	6.407	6.407	0.0	95	519709	37.2	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.482	6.476	0.006	94	5503611	33.5	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	91	2307432	33.2	
25 Acetone	43	6.728	6.722	0.006	81	2063546	32.1	
26 Carbon disulfide	76	6.888	6.888	0.0	98	5940319	34.9	
27 Isopropyl alcohol	45	7.059	7.038	0.021	98	1713889	33.1	
29 3-Chloro-1-propene	41	7.311	7.305	0.006	82	1618104	35.2	
30 Acetonitrile	41	7.407	7.402	0.005	97	869306	35.2	
31 Methylene Chloride	49	7.600	7.600	0.0	80	1761297	34.1	
32 2-Methyl-2-propanol	59	7.856	7.840	0.016	98	3104259	33.7	
33 Methyl tert-butyl ether	73	8.044	8.044	0.0	93	5761697	35.2	
34 trans-1,2-Dichloroethene	61	8.070	8.060	0.010	86	2563803	33.8	
35 Acrylonitrile	53	8.193	8.188	0.005	94	1033037	37.0	
36 Hexane	57	8.498	8.493	0.005	90	2110178	34.4	

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	37	1,1-Dichloroethane	63	8.953	8.948	0.005	99	3777110	34.0
	38	Vinyl acetate	43	9.049	9.044	0.005	99	3948444	36.7
	39	cis-1,2-Dichloroethene	96	10.093	10.093	0.0	91	3280795	34.8
	40	2-Butanone (MEK)	72	10.146	10.141	0.005	86	1059095	33.2
S	41	1,2-Dichloroethene, Total	61				0		68.6
	42	Ethyl acetate	88	10.216	10.216	0.0	90	176622	36.6
*	43	Chlorobromomethane	128	10.563	10.563	0.0	68	730832	10.0
	44	Tetrahydrofuran	42	10.579	10.579	0.0	81	1745766	36.1
	45	Chloroform	83	10.713	10.708	0.005	98	7116385	34.1
	46	Cyclohexane	84	10.997	10.997	0.0	61	3386982	33.4
	47	1,1,1-Trichloroethane	97	11.013	11.007	0.006	94	8206833	34.2
	48	Carbon tetrachloride	117	11.280	11.275	0.005	96	10788406	35.2
	50	Benzene	78	11.751	11.746	0.005	93	8715559	32.1
	51	Isooctane	57	11.767	11.767	0.0	98	10425438	32.2
	52	1,2-Dichloroethane	62	11.922	11.917	0.005	99	4747119	35.0
	53	n-Heptane	43	12.179	12.179	0.0	85	3727378	31.0
*	54	1,4-Difluorobenzene	114	12.628	12.628	0.0	91	4068845	10.0
	55	n-Butanol	56	13.030	13.019	0.011	84	1602361	34.5
	56	Trichloroethene	95	13.121	13.115	0.006	93	6239533	32.4
A	57	GRO	1	13.297	4.915 - 21.679		0	1419730756	0
	58	1,2-Dichloropropane	63	13.688	13.682	0.006	90	4309146	33.9
	59	Methyl methacrylate	69	13.891	13.886	0.005	79	3921743	35.5
	60	1,4-Dioxane	88	13.923	13.918	0.005	48	1709373	28.6
	61	Dibromomethane	174	13.944	13.939	0.005	89	7808407	36.3
	62	Dichlorobromomethane	83	14.260	14.249	0.011	96	11414848	36.0
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	2240781938	7517.3
	64	cis-1,3-Dichloropropene	75	15.234	15.234	0.0	87	7786571	36.0
	65	4-Methyl-2-pentanone (MIBK)	43	15.544	15.533	0.011	92	6786028	34.1
A	67	Toluene Range	1	15.854	15.814 - 15.894		0	35957719	NC
	66	Toluene	92	15.860	15.854	0.006	93	10062727	32.4
A	68	C8 Range	1	15.967	15.917 - 16.017		0	28916699	NC
	69	n-Octane	43	15.967	15.967	0.0	82	6377605	30.6
	70	trans-1,3-Dichloropropene	75	16.448	16.443	0.005	92	8172557	37.1
	71	1,1,2-Trichloroethane	83	16.823	16.817	0.005	93	5024630	32.3
	72	Tetrachloroethene	166	16.972	16.967	0.005	96	11257293	33.7
	73	2-Hexanone	43	17.293	17.288	0.005	92	6517803	35.1
	74	Chlorodibromomethane	129	17.598	17.588	0.010	97	15043588	37.5
	75	Ethylene Dibromide	107	17.871	17.866	0.005	100	11168909	35.7
*	76	Chlorobenzene-d5	117	18.791	18.786	0.005	64	4236628	10.0
	77	Chlorobenzene	112	18.855	18.850	0.005	99	15274499	33.9
	78	Ethylbenzene	91	19.021	19.016	0.005	96	20917158	32.4
	79	n-Nonane	57	19.187	19.182	0.005	81	6823424	29.7
	80	m-Xylene & p-Xylene	106	19.278	19.273	0.005	95	16500183	62.6
S	82	Xylenes, Total	106				0		95.3
	83	o-Xylene	106	20.107	20.102	0.005	96	8987903	32.7
	84	Styrene	104	20.150	20.145	0.005	97	13641554	37.2
	85	Bromoform	173	20.535	20.530	0.005	98	14797457	39.0
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	23458205	31.0
\$	87	4-Bromofluorobenzene	95	21.113	21.108	0.005	98	2631276	NC
	88	1,1,2,2-Tetrachloroethane	83	21.370	21.364	0.006	95	11463767	30.6
	89	1,2,3-Trichloropropane	75	21.466	21.461	0.005	58	7193533	29.0
	90	N-Propylbenzene	91	21.471	21.471	0.0	96	21799286	27.9

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
91	4-Ethyltoluene		105	21.659	21.653	0.006	89	18568014	29.2
92	2-Chlorotoluene		91	21.659	21.653	0.006	88	14316837	27.1
93	n-Decane		57	21.680	21.669	0.011	81	5657115	24.2
94	1,3,5-Trimethylbenzene		105	21.766	21.760	0.006	95	19639345	31.2
95	Alpha Methyl Styrene		118	22.119	22.113	0.006	91	11214255	38.9
96	tert-Butylbenzene		119	22.247	22.242	0.005	90	19659345	30.8
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	94	19055651	31.3
98	sec-Butylbenzene		105	22.557	22.563	-0.006	96	22732453	25.6
99	4-Isopropyltoluene		119	22.755	22.761	-0.006	94	19892235	27.0
100	1,3-Dichlorobenzene		146	22.782	22.777	0.005	97	13818690	36.5
101	1,4-Dichlorobenzene		146	22.916	22.910	0.006	95	15149869	41.3
102	Benzyl chloride		91	23.108	23.103	0.005	99	16568250	42.6
103	n-Butylbenzene		91	23.344	23.338	0.006	93	18457704	31.8
104	Undecane		57	23.387	23.381	0.006	86	8063472	29.6
105	1,2-Dichlorobenzene		146	23.456	23.451	0.005	90	15220896	36.3
106	Dodecane		57	25.008	25.008	0.0	92	1062315	24.9
107	1,2,4-Trichlorobenzene		180	26.019	26.013	0.006	93	9680944	43.3
108	Hexachlorobutadiene		225	26.227	26.227	0.0	92	5860214	31.0
109	Naphthalene		128	26.505	26.500	0.005	99	21001143	39.4
110	1,2,3-Trichlorobenzene		180	26.992	26.987	0.005	96	7183636	39.1

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D

Injection Date: 20-Feb-2014 21:54:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

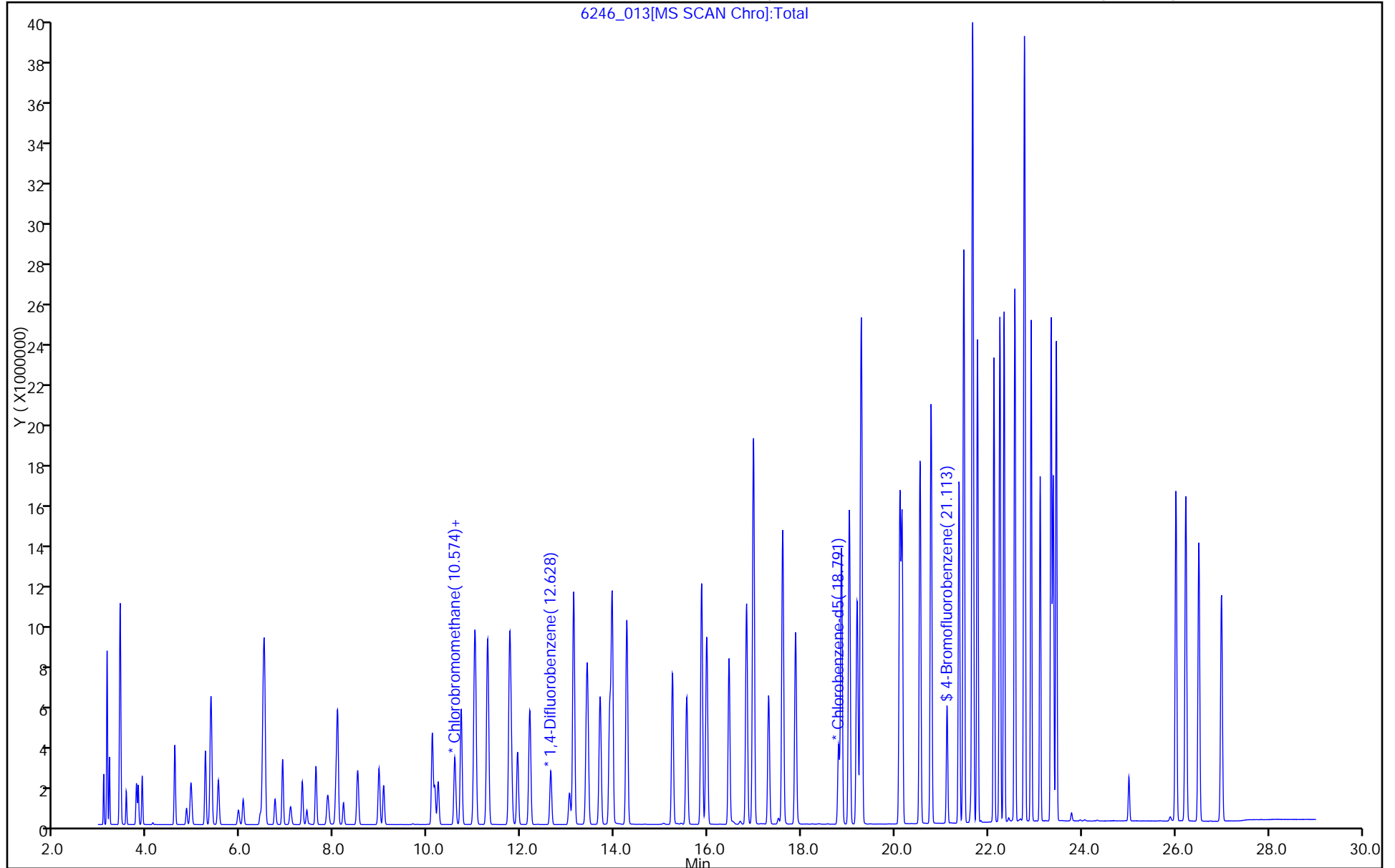
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68234/4	6101_004.d
Level 2	IC 200-68234/5	6101_005.d
Level 3	IC 200-68234/6	6101_006.d
Level 4	IC 200-68234/7	6101_007.d
Level 5	ICIS 200-68234/8	6101_008.d
Level 6	IC 200-68234/9	6101_009.d
Level 7	IC 200-68234/10	6101_010.d
Level 8	IC 200-68234/11	6101_011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.6294	++++ 0.6005	0.7612 0.5795	0.7042	0.6858	Ave		0.6601			10.0		30.0				
Freon 12	++++ 4.3690	++++ 4.0983	5.3945 3.8142	5.0215	4.7439	Ave		4.5735			13.0		30.0				
Freon 22	++++ 1.6610	++++ 1.5826	1.9840 1.5227	1.8515	1.7934	Ave		1.7325			10.0		30.0				
Freon-114	++++ 3.5664	5.0122 3.3414	4.3260 3.1369	4.0359	3.8799	Ave		3.8998			16.0		30.0				
Chloromethane	++++ 0.7437	++++ 0.7184	0.9058 0.7076	0.8386	0.8095	Ave		0.7873			9.9		30.0				
n-Butane	++++ 1.2795	++++ 1.2234	1.3155 1.1895	1.3115	1.3348	Ave		1.2757			4.5		30.0				
Vinyl chloride	1.3892 1.0569	1.3184 1.0251	1.0925 0.9932	1.1074	1.0789	Ave		1.1327			13.0		30.0				
1,3-Butadiene	++++ 0.7091	0.7358 0.6905	0.6461 0.6679	0.7193	0.7091	Ave		0.6968			4.5		30.0				
Bromomethane	++++ 1.0481	1.5278 1.0801	1.2106 1.0258	1.1890	1.1185	Ave		1.1714			15.0		30.0				
Chloroethane	++++ 0.5782	++++ 0.5731	0.6645 0.5700	0.6278	0.6028	Ave		0.6027			6.2		30.0				
Isopentane	++++ 0.9338	1.1843 0.9163	0.9584 0.8875	0.9726	0.9615	Ave		0.9735			10.0		30.0				
Vinyl bromide	++++ 1.5391	1.7161 1.4821	1.5083 1.4343	1.6162	1.6319	Ave		1.5611			6.3		30.0				
Freon 11	++++ 4.6839	6.5595 4.4690	5.5889 4.2756	5.2645	5.0430	Ave		5.1263			15.0		30.0				
n-Pentane	++++ 1.4023	++++ 1.3348	1.2199 1.3000	1.4499	1.4794	Ave		1.3644			7.2		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.2920	++++ 0.2841	0.2909 0.2764	0.2713	0.3009	Ave		0.2860			3.8		30.0				
Ethyl ether	++++ 0.7351	0.6622 0.7136	0.6596 0.7048	0.7564	0.7651	Ave		0.7138			5.9		30.0				
Acrolein	++++ 0.3004	++++ 0.2940	++++ 0.2796	0.3153	0.3109	Ave		0.3000			4.7		30.0				
Freon 113	++++ 2.9166	4.2091 2.7567	3.4698 2.6038	3.3246	3.1761	Ave		3.2081			17.0		30.0				
1,1-Dichloroethene	++++ 1.3632	1.4753 1.3070	1.3349 1.2606	1.4566	1.4743	Ave		1.3817			6.3		30.0				
Acetone	++++ 1.4238	++++ 1.4444	++++ 1.2845	1.6113	1.4963	Ave		1.4521			8.2		30.0				
Carbon disulfide	++++ 3.2832	++++ 2.9345	3.3491 2.8672	3.4191	3.2429	Ave		3.1827			7.1		30.0				
Isopropyl alcohol	++++ 1.2162	++++ 1.1815	++++ 1.1090	1.3023	1.2739	Ave		1.2166			6.3		30.0				
Allyl chloride	++++ 1.0487	0.9286 1.0252	0.7433 1.0106	1.0390	1.0832	Ave		0.9827			12.0		30.0				
Acetonitrile	++++ 0.5199	++++ 0.5140	++++ 0.4880	0.5862	0.5529	Ave		0.5322			7.1		30.0				
Methylene Chloride	++++ 0.9409	++++ 0.9123	1.2419 0.9033	1.0592	1.0090	Ave		1.0111			13.0		30.0				
tert-Butyl alcohol	++++ 2.2557	++++ 2.2155	++++ 2.0781	2.2015	2.2870	Ave		2.2076			3.6		30.0				
Methyl tert-butyl ether	++++ 4.0091	3.0435 3.8886	2.8398 3.7418	4.0343	4.0513	Ave		3.6583			14.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6344	1.7595 1.5639	1.6684 1.5220	1.7833	1.7293	Ave		1.6658			5.9		30.0				
Acrylonitrile	++++ 0.6283	++++ 0.6063	0.5660 0.6093	0.6573	0.6504	Ave		0.6196			5.4		30.0				
Hexane	++++ 1.5043	1.1190 1.4572	1.1448 1.4113	1.5878	1.5729	Ave		1.3996			14.0		30.0				
1,1-Dichloroethane	2.7266 2.0173	2.7546 1.9640	2.2001 1.9206	2.2209	2.1320	Ave		2.2420			15.0		30.0				
Vinyl acetate	++++ 2.2149	++++ 2.1877	1.4626 2.1148	2.2320	2.2863	Ave		2.0831			15.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4436	1.4098 1.4356	1.4144 1.3757	1.5912	1.5451	Ave		1.4593			5.4		30.0				
Methyl Ethyl Ketone	++++ 0.5902	++++ 0.5776	0.7215 0.5405	0.6347	0.6245	Ave		0.6148			10.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68234
 SDG No.: 200-20955-2
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1190	++++ 0.1151	++++ 0.1131	0.1270	0.1233	Ave		0.1195			4.8		30.0				
Tetrahydrofuran	++++ 0.1860	++++ 0.1851	++++ 0.1771	0.1996	0.1984	Ave		0.1892			5.1		30.0				
Chloroform	++++ 3.0732	4.1322 3.0105	3.6218 2.8781	3.4517	3.2894	Ave		3.3510			13.0		30.0				
Cyclohexane	++++ 0.3809	0.3154 0.3730	0.3081 0.3424	0.4205	0.4154	Ave		0.3651			12.0		30.0				
1,1,1-Trichloroethane	++++ 0.7852	0.9829 0.7696	0.8468 0.7201	0.8838	0.8545	Ave		0.8347			10.0		30.0				
Carbon tetrachloride	1.1713 0.8663	1.1199 0.8430	0.9312 0.7966	0.9607	0.9380	Ave		0.9534			14.0		30.0				
2,2,4-Trimethylpentane	++++ 1.0529	0.7645 1.0172	0.7625 0.9263	1.1501	1.1332	Ave		0.9724			17.0		30.0				
Benzene	++++ 0.8150	0.9816 0.7913	0.9105 0.7343	0.9616	0.9057	Ave		0.8714			11.0		30.0				
1,2-Dichloroethane	++++ 0.4166	0.5191 0.4099	0.4390 0.3935	0.4618	0.4476	Ave		0.4411			9.4		30.0				
Heptane	++++ 0.3284	0.2231 0.3162	0.2484 0.2939	0.3624	0.3529	Ave		0.3036			17.0		30.0				
n-Butanol	++++ 0.1058	++++ 0.1125	++++ 0.1061	0.0977	0.1186	Ave		0.1081			7.3		30.0				
Trichloroethene	0.4589 0.4347	0.4693 0.4233	0.4397 0.3971	0.4910	0.4748	Ave		0.4486			6.8		30.0				
1,2-Dichloropropane	++++ 0.2550	0.3007 0.2466	0.2639 0.2342	0.2827	0.2750	Ave		0.2654			8.5		30.0				
Methyl methacrylate	++++ 0.2876	++++ 0.2798	++++ 0.2721	0.2990	0.2994	Ave		0.2752			12.0		30.0				
1,4-Dioxane	++++ 0.1481	++++ 0.1415	++++ 0.1268	0.1763	0.1701	Ave		0.1525			13.0		30.0				
Dibromomethane	++++ 0.5100	++++ 0.4841	++++ 0.4480	0.6026	0.5617	Ave		0.5502			14.0		30.0				
Bromodichloromethane	++++ 0.7400	0.8535 0.7150	0.7723 0.6779	0.8274	0.7903	Ave		0.7680			8.1		30.0				
cis-1,3-Dichloropropene	++++ 0.4711	0.3409 0.4666	0.3190 0.4551	0.4883	0.4995	Ave		0.4344			17.0		30.0				
methyl isobutyl ketone	++++ 0.4518	++++ 0.4355	0.2919 0.4121	0.4798	0.4815	Ave		0.4254			17.0		30.0				
n-Octane	++++ 0.4281	++++ 0.4033	0.3484 0.3570	0.5184	0.4715	Ave		0.4024			19.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.7015	0.7282 0.6512	0.7629 0.5945	0.8604	0.7776	Ave		0.7252			12.0		30.0				
trans-1,3-Dichloropropene	++++ 0.5329	0.3930 0.5240	0.4109 0.5158	0.5545	0.5579	Ave		0.4984			14.0		30.0				
1,1,2-Trichloroethane	++++ 0.3413	0.4252 0.3246	0.3744 0.3102	0.3894	0.3660	Ave		0.3616			11.0		30.0				
Tetrachloroethene	0.9597 0.8537	1.0224 0.8029	0.9267 0.7324	0.9948	0.9266	Ave		0.9024			11.0		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4501	++++ 0.4442	0.2261 0.4236	0.4324	0.4735	Ave		0.4083			22.0		30.0				
Dibromochloromethane	++++ 1.0003	1.0364 0.9516	0.9746 0.8941	1.1099	1.0631	Ave		1.0043			7.2		30.0				
1,2-Dibromoethane	++++ 0.7392	0.7346 0.7085	0.6884 0.6751	0.8087	0.7809	Ave		0.7336			6.6		30.0				
Chlorobenzene	++++ 1.1084	1.5235 1.0462	1.3524 0.9761	1.2973	1.1881	Ave		1.2132			16.0		30.0				
Ethylbenzene	++++ 1.7071	1.6756 1.6064	1.6219 1.4483	1.9774	1.8244	Ave		1.6944			10.0		30.0				
n-Nonane	++++ 0.5788	0.4864 0.5410	0.5601 0.4884	0.6791	0.6242	Ave		0.5654			12.0		30.0				
m,p-Xylene	++++ 0.6677	0.6634 0.6211	0.7281 0.5574	0.8165	0.7296	Ave		0.6834			12.0		30.0				
Xylene, o-	++++ 0.6915	0.4910 0.6479	0.5440 0.5931	0.8057	0.7416	Ave		0.6450			17.0		30.0				
Styrene	++++ 1.0453	0.6521 0.9838	0.8057 0.9093	1.2092	1.0935	Ave		0.9570			19.0		30.0				
Bromoform	++++ 1.0343	0.9871 0.9672	0.9631 0.8665	1.1569	1.0951	Ave		1.0100			9.4		30.0				
Cumene	++++ 2.1406	1.4222 1.9863	1.7913 1.6885	2.5312	2.3242	Ave		1.9835			19.0		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.9116	1.2032 0.8541	1.0767 0.7493	1.0847	0.9998	Ave		0.9828			16.0		30.0				
n-Propylbenzene	++++ 2.3701	2.0948 2.1679	2.2816 1.7472	2.8945	2.5990	Ave		2.3079			16.0		30.0				
1,2,3-Trichloropropane	++++ 0.7273	++++ 0.6835	0.8672 0.6040	0.8601	0.7957	Ave		0.7563			14.0		30.0				
n-Decane	++++ 0.8027	++++ 0.7337	0.7564 0.6206	0.9676	0.8679	Ave		0.7915			15.0		30.0				
4-Ethyltoluene	++++ 2.1921	++++ 2.1959	2.3631 1.6318	2.6755	2.3934	Ave		2.2076			15.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.8632	2.1207 1.7042	2.1018 1.4743	2.2531	1.9950	Ave		1.9303			14.0		30.0				
1,3,5-Trimethylbenzene	++++ 2.0118	2.1308 1.8417	2.1747 1.5338	2.4382	2.1710	Ave		2.0431			14.0		30.0				
Alpha Methyl Styrene	++++ 0.9957	0.4919 0.9323	0.5588 0.8440	1.1073	1.0293	Ave		0.8513			28.0		30.0				
tert-Butylbenzene	++++ 1.9650	1.8100 1.8030	2.1301 1.5161	2.4752	2.1908	Ave		1.9843			16.0		30.0				
1,2,4-Trimethylbenzene	++++ 2.0084	1.6671 1.8434	2.0093 1.5504	2.4407	2.1299	Ave		1.9499			15.0		30.0				
sec-Butylbenzene	++++ 2.6804	2.4783 2.4289	2.8624 1.9492	3.4276	2.9816	Ave		2.6869			17.0		30.0				
4-Isopropyltoluene	++++ 2.4520	1.9363 2.2265	2.3846 1.8085	3.0524	2.6819	Ave		2.3632			18.0		30.0				
1,3-Dichlorobenzene	++++ 1.4227	1.4923 1.3244	1.4971 1.1586	1.6330	1.4201	Ave		1.4212			11.0		30.0				
1,4-Dichlorobenzene	++++ 1.4072	1.2057 1.3176	1.2508 1.1591	1.5402	1.3794	Ave		1.3229			9.9		30.0				
Benzyl chloride	++++ 1.4364	0.6723 1.4194	0.7331 1.3296	1.3614	1.3643	Ave		1.1881			28.0		30.0				
n-Undecane	++++ 0.8198	++++ 0.7329	++++ 0.6074	1.0133	0.8394	Ave		0.8026			19.0		30.0				
n-Butylbenzene	++++ 1.8221	1.5827 1.6637	1.9144 1.3958	2.2483	1.9204	Ave		1.7925			15.0		30.0				
1,2-Dichlorobenzene	++++ 1.3931	1.4061 1.3041	1.4167 1.1423	1.6069	1.4146	Ave		1.3834			10.0		30.0				
n-Dodecane	++++ 0.6987	++++ 0.6378	++++ 0.0939	0.6272	0.5681	Ave		0.5251			47.0	*	30.0				
1,2,4-Trichlorobenzene	++++ 0.8751	++++ 0.8427	0.4242 0.6756	0.7568	0.6898	Ave		0.7107			23.0		30.0				
Hexachloro-1,3-butadiene	++++ 1.1276	1.3821 1.0158	1.2268 0.5778	1.3453	1.1928	Ave		1.1240			24.0		30.0				
Naphthalene	++++ 1.8494	++++ 1.7066	0.4898 1.4383	1.4694	1.3622	Ave		1.3860			34.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.8743	0.5423 0.8261	0.3734 0.4546	0.8165	0.7483	Ave		0.6622			30.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-68234/4	6101_004.d
Level 2	IC 200-68234/5	6101_005.d
Level 3	IC 200-68234/6	6101_006.d
Level 4	IC 200-68234/7	6101_007.d
Level 5	ICIS 200-68234/8	6101_008.d
Level 6	IC 200-68234/9	6101_009.d
Level 7	IC 200-68234/10	6101_010.d
Level 8	IC 200-68234/11	6101_011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 497717	++++ 661767	17418 1299181	171162	343851	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 12	BCM	Ave	++++ 3454862	++++ 4516674	123434 8550592	1220565	2378638	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 1313467	++++ 1744155	45396 3413634	450035	899214	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon-114	BCM	Ave	++++ 2820237	41809 3682503	98986 7032234	981010	1945417	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 588133	++++ 791790	20727 1586316	203833	405869	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 1011815	++++ 1348334	30101 2666551	318783	669296	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	2173 835769	10997 1129770	24999 2226661	269168	540976	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 560716	6138 760983	14783 1497279	174832	355554	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 828778	12744 1190336	27701 2299545	289016	560804	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 457236	++++ 631582	15205 1277845	152598	302251	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 738402	9879 1009878	21929 1989631	236416	482131	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl bromide	BCM	Ave	++++ 1217044	14315 1633426	34512 3215429	392846	818236	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Freon 11	BCM	Ave	++++ 3703863	54715 4925201	127882 9585030	1279646	2528605	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 1108891	++++ 1471017	27914 2914419	352418	741782	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 308515	++++ 626323	66654 1549275	131994	226444	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl ether	BCM	Ave	++++ 581305	5524 786498	15093 1580002	183849	383629	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 237523	++++ 324034	++++ 626835	76637	155867	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Freon 113	BCM	Ave	++++ 2306374	35110 3038104	79395 5837171	808116	1592514	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	++++ 1078004	++++ 1440385	++++ 2826103	354054	739217	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 1125892	++++ 1591853	++++ 2879495	391667	750249	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 2596279	++++ 3234115	++++ 6427705	831075	1626028	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 961747	++++ 1302161	++++ 2486222	316558	638753	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Allyl chloride	BCM	Ave	++++ 829304	++++ 1129901	++++ 2265645	252541	543129	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 411094	++++ 566435	++++ 1093925	142489	277223	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 744018	++++ 1005390	++++ 2025034	257469	505909	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1783773	++++ 2441672	++++ 4658737	535129	1146724	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 3170295	++++ 4285532	++++ 8388437	980616	2031361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 1292403	++++ 1723602	++++ 3411936	433458	867076	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 496804	++++ 668184	++++ 1365965	12951	159777	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexane	BCM	Ave	++++ 1189586	++++ 1605996	++++ 3163901	385941	788682	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	++++ 1595192	++++ 2164552	++++ 4305646	50341	539837	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 1751501	++++ 2410980	++++ 4741059	542530	1146393	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	++++ 1141574	++++ 1582116	++++ 3084080	32364	386761	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 466744	++++ 636539	++++ 1211726	16509	154286	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 94117	++++ 126901	++++ 253596	30878	61836	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFB	Ave	++++ 690927	++++ 952136	++++ 1880073	222914	457039	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 2430240	34468 3317829	82871 6452059	839011	1649325	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 1414803	12613 1919134	33475 3634256	469748	957033	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 2917040	39303 3959774	92001 7644188	987246	1968604	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	8697 3218312	44782 4337444	101161 8456206	1073132	2161114	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 3911322	30569 5233844	82834 9832262	1284681	2610676	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 3027632	39250 4071533	98915 7794483	1074151	2086670	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 1547719	20756 2108882	47698 4176790	515799	1031280	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Heptane	DFB	Ave	++++ 1220006	8920 1627119	26991 3119323	404843	813077	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 393100	++++ 578640	++++ 1126195	109119	273216	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	3407 1614737	18767 2178196	47767 4215341	548439	1093818	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 947244	12023 1268562	28669 2485785	315796	633574	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 1068481	++++ 1439673	23159 2888354	334014	689745	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 550207	++++ 728137	++++ 1345638	196887	391865	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 1894498	26683 2490929	62781 4755977	673103	1293999	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 2748878	34126 3678848	83907 7195458	924191	1820765	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 1750127	13630 2400930	34655 4831261	545437	1150881	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 1678347	++++ 2240568	31716 4374920	535897	1109388	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 1590149	11592 2074970	37852 3789224	579055	1086165	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 2371159	25558 3095855	73260 5834314	882590	1640930	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 1979602	15715 2696132	44645 5475160	619426	1285366	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 1153540	14922 1543025	35957 3044405	399446	772501	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20955-2

Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12

Calibration End Date: 02/12/2014 00:55

Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	6037 2885651	35883 3817042	88985 7188363	1020413	1955557	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 1521211	++++ 2111642	21708 4156948	443501	999194	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 3381129	36375 4523936	93585 8774775	1138452	2243618	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 2498481	25783 3368163	66106 6625295	829518	1647907	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 3746501	53470 4973639	129862 9580082	1330706	2507389	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 5769956	58807 7636888	155744 14213914	2028333	3850088	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 1956375	17070 2571881	53782 4793442	696553	1317312	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 4513409	46562 5905377	139833 10940635	1675100	3079468	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 2337173	17232 3079865	52242 5820499	826439	1565048	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 3533241	22885 4677097	77369 8924095	1240344	2307779	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 3495836	34644 4598090	92486 8504614	1186666	2310981	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 7235379	49913 9442987	172015 16571499	2596374	4904975	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 3081214	42226 4060277	103396 7354083	1112645	2110021	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 8010892	73520 10306137	219094 17147954	2968983	5484899	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 2458252	++++ 3249502	83276 5927464	882232	1679144	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 2713052	++++ 3487876	72633 6090541	992488	1831550	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 7409410	77066 9515286	226925 16015232	2744394	5051019	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 6297673	74427 8101828	201834 14469307	2311137	4210305	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 6799820	74782 8755104	208827 15053321	2501007	4581558	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 3365446	17264 4431870	53663 8283686	1135811	2172262	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 6641827	63525 8571312	204550 14879192	2538938	4623515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20955-2 Analy Batch No.: 68234

SDG No.: 200-20955-2

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/11/2014 19:12 Calibration End Date: 02/12/2014 00:55 Calibration ID: 25497

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 6788417	58508 8763488	192945 15215793	2503522	4494942	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 9059791	86979 11547049	274870 19130372	3515887	6292317	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 8287851	67956 10584636	228988 17749239	3130978	5659873	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 4808668	52373 6295982	143765 11371054	1675063	2996936	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 4756349	42316 6263556	120110 11376207	1579835	2911165	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 4855035	23594 6747945	70400 13049488	1396458	2879263	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 2770918	++++ 3484036	++++ 5961631	1039378	1771437	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 6158663	55546 7909203	183834 13698552	2306191	4052857	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 4708714	49347 6199708	136043 11211062	1648253	2985364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 2361611	++++ 3032210	++++ 921744	643320	1198806	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 2957719	++++ 4005998	40734 6630259	776311	1455819	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachloro-1,3-butadiene	CBZ	Ave	++++ 3811308	48507 4829134	117807 5670385	1379928	2517277	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 6251138	++++ 8113281	47038 14116069	1507181	2874765	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 2955162	++++ 3927460	19032 4461825	35855	837537	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 11-Feb-2014 19:12:30 ALS Bottle#: 2 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-004
 Misc. Info.: IC 01
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:23 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:19:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.383					
2 Dichlorodifluoromethane	85		4.479					
6 Chlorodifluoromethane	51		4.544					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.832					
8 Chloromethane	50		5.025					
9 Butane	43		5.287					
10 Vinyl chloride	62	5.341	5.346	-0.005	22	2173	0.0492	
11 Butadiene	54		5.442					
13 BFB								
12 Bromomethane	94		6.314					
14 Chloroethane	64		6.598					
15 2-Methylbutane	43		6.678					
16 Vinyl bromide	106		7.079					
17 Trichlorofluoromethane	101		7.192					
18 Pentane	43		7.357					
19 Ethanol	45		7.796					
21 Ethyl ether	59		7.941					
22 Acrolein	56		8.406					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.443					
24 1,1-Dichloroethene	96		8.518					
25 Acetone	43		8.748					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.032					
29 3-Chloro-1-propene	41		9.406					
30 Acetonitrile	41		9.535					
31 Methylene Chloride	49		9.733					
32 2-Methyl-2-propanol	59		9.904					
33 Methyl tert-butyl ether	73		10.161					
S 41 1,2-Dichloroethene, Total	61		10.200					
34 trans-1,2-Dichloroethene	61		10.236					

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags				
	35			53	10.385						
	36			57	10.653						
	37			63	11.215	11.199	0.016	28	4265	0.0488	
	38			43		11.236					
	39			96		12.375					
	40			72		12.392					
	42			88		12.413					
	44			42		12.846					
*	43			128	12.857	12.852	0.005	69	390192	10.0	
	45			83		12.964					
	46			84		13.264					
	47			97		13.280					
	48			117	13.531	13.531	0.0	76	8697	0.0493	
	51			57		13.927					
	50			78		13.986					
	52			62		14.141					
	53			43		14.275					
*	54			114	14.746	14.745	0.001	92	1852198	10.0	
A	57			1	14.769	6.668 - 22.871		0	946300	0	
	55			56		15.024					
	56			95	15.206	15.211	-0.005	63	3407	0.0410	M
	58			63		15.730					
	59			69		15.815					
	60			88		15.901					
	61			174		15.970					
	62			83		16.222					
A	63			1		4.373	28.889				
	64			75		17.083					
	65			43		17.324					
A	68			1	17.656	17.606 - 17.706		0	21364	NC	
	69			43		17.656					
	66			92		17.661					
A	67			1	17.661	17.621 - 17.701		0	21364	NC	
	70			75		18.191					
	71			83		18.560					
	72			166	18.694	18.699	-0.005	75	6037	0.0426	M
	73			43		18.950					
	74			129		19.314					
	75			107		19.603					
S	82			106		20.100					
*	76			117	20.443	20.443	0.0	83	1569098	10.0	
	77			112		20.502					
	78			91		20.614					
	79			57		20.673					
	80			106		20.833					
	83			106		21.545					
	84			104		21.582					
	85			173		21.962					
	86			105		22.112					
\$	87			95	22.444	22.444	0.0	97	1030107	NC	
	88			83		22.668					
	90			91		22.743					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
89	1,2,3-Trichloropropane		75		22.770		
93	n-Decane		57		22.861		
91	4-Ethyltoluene		105		22.909		
92	2-Chlorotoluene		91		22.946		
94	1,3,5-Trimethylbenzene		105		23.005		
95	Alpha Methyl Styrene		118		23.353		
96	tert-Butylbenzene		119		23.481		
97	1,2,4-Trimethylbenzene		105		23.572		
98	sec-Butylbenzene		105		23.808		
99	4-Isopropyltoluene		119		24.011		
100	1,3-Dichlorobenzene		146		24.081		
101	1,4-Dichlorobenzene		146		24.225		
102	Benzyl chloride		91		24.434		
104	Undecane		57		24.626		
103	n-Butylbenzene		91		24.653		
105	1,2-Dichlorobenzene		146		24.830		
106	Dodecane		57		26.434		
107	1,2,4-Trichlorobenzene		180		27.724		
108	Hexachlorobutadiene		225		27.927		
109	Naphthalene		128		28.312		
110	1,2,3-Trichlorobenzene		180		28.879		

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d

Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i

Lims ID: IC Lab Sample ID:

Operator ID: PAD

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

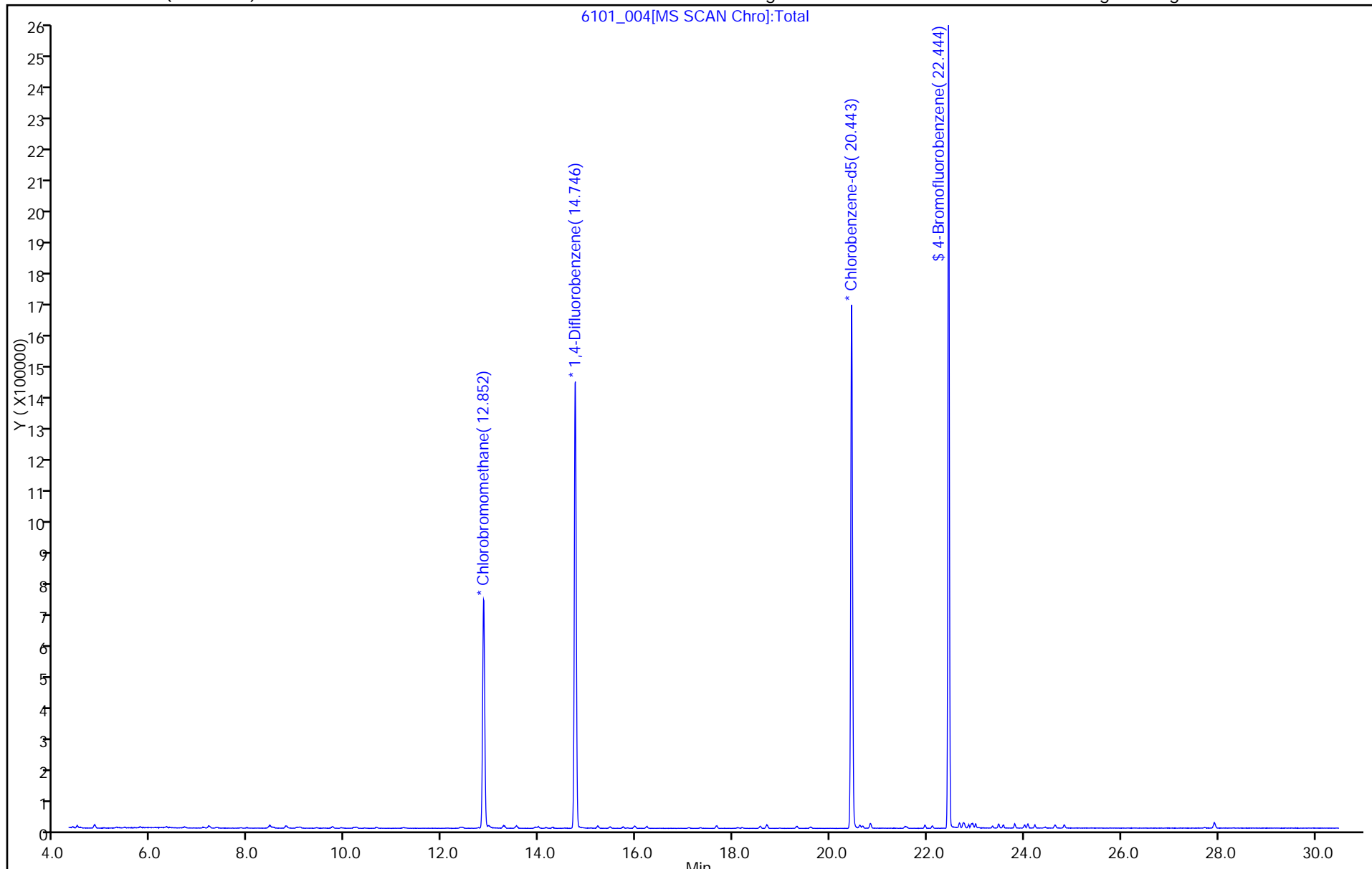
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



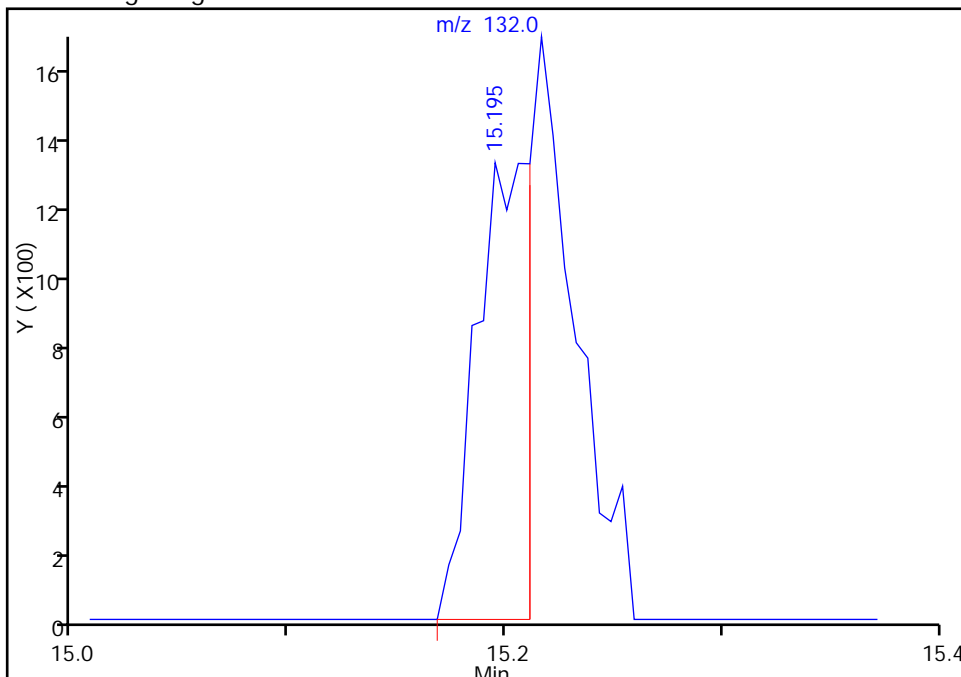
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 Trichloroethene, CAS: 79-01-6

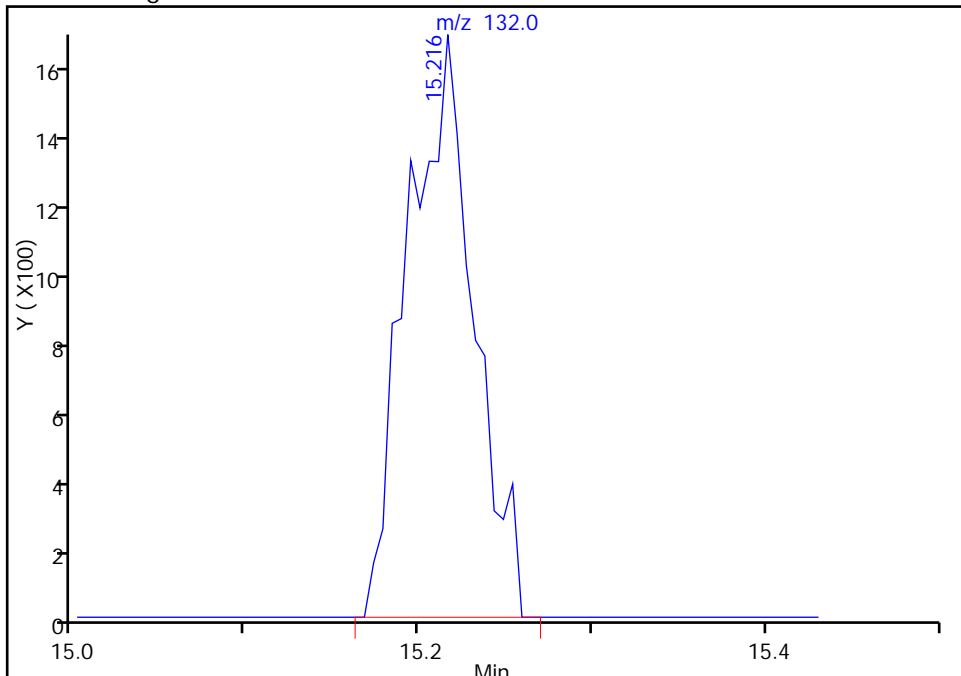
RT: 15.19
Response: 2350
Amount: 0.045894

Processing Integration Results



RT: 15.22
Response: 4494
Amount: 0.041004

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

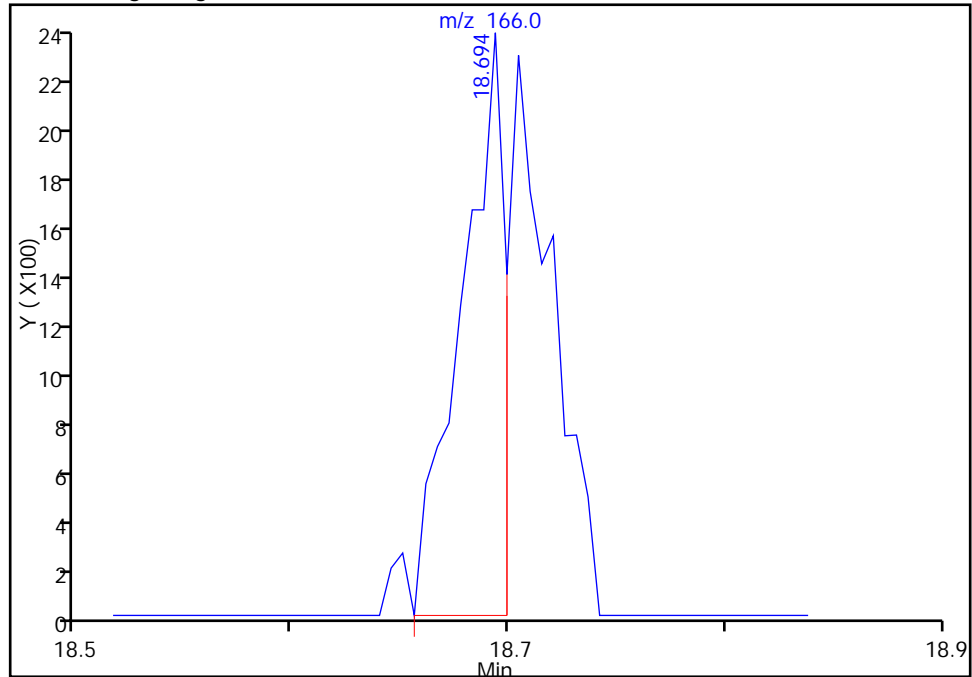
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

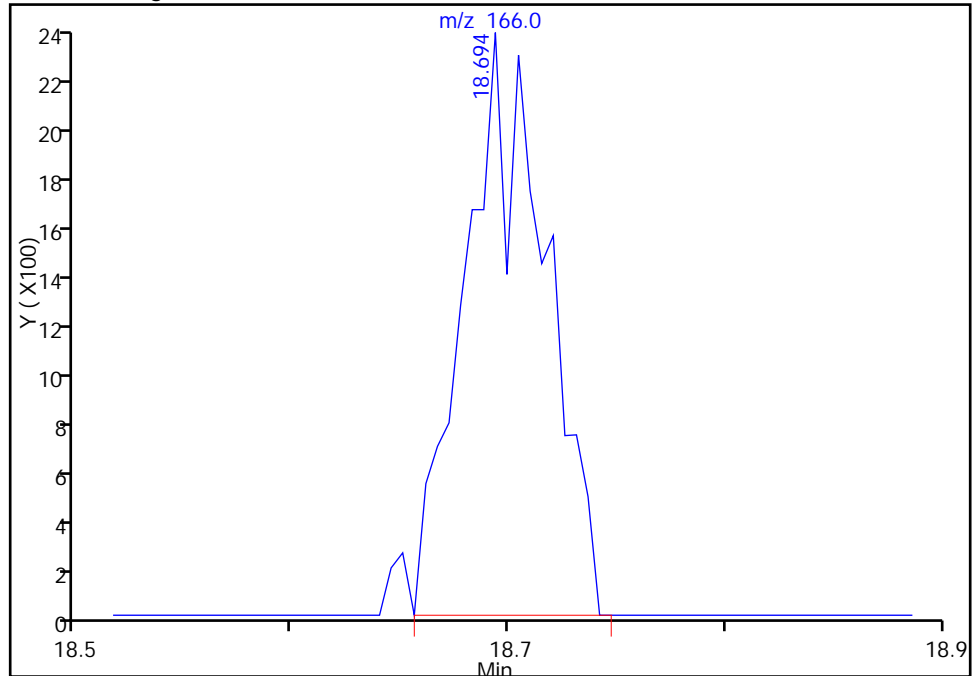
RT: 18.69
Response: 3238
Amount: 0.026017

Processing Integration Results



RT: 18.69
Response: 6037
Amount: 0.042635

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

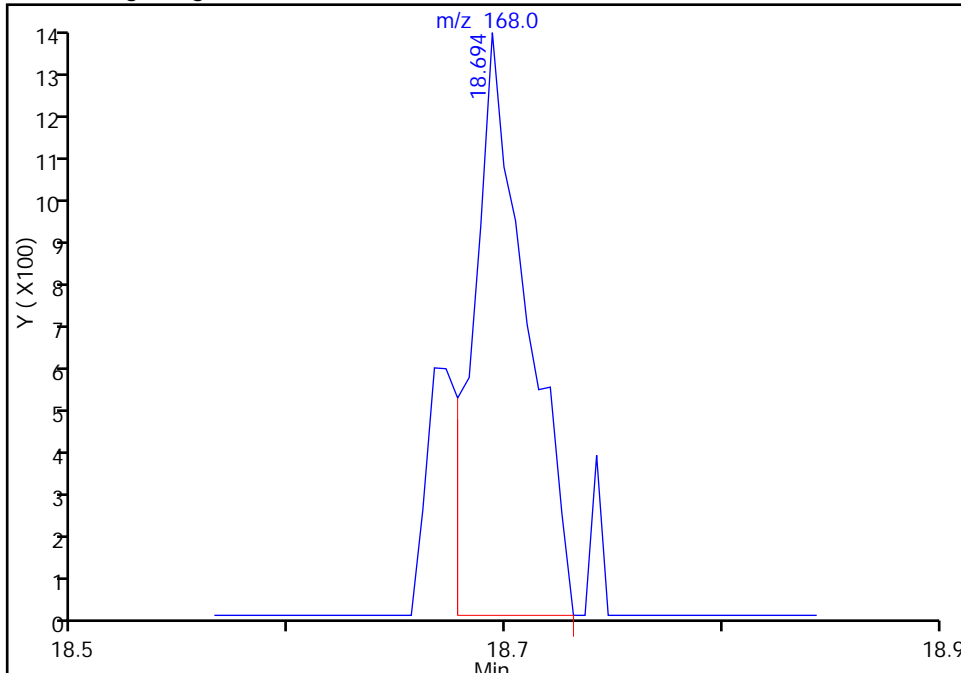
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

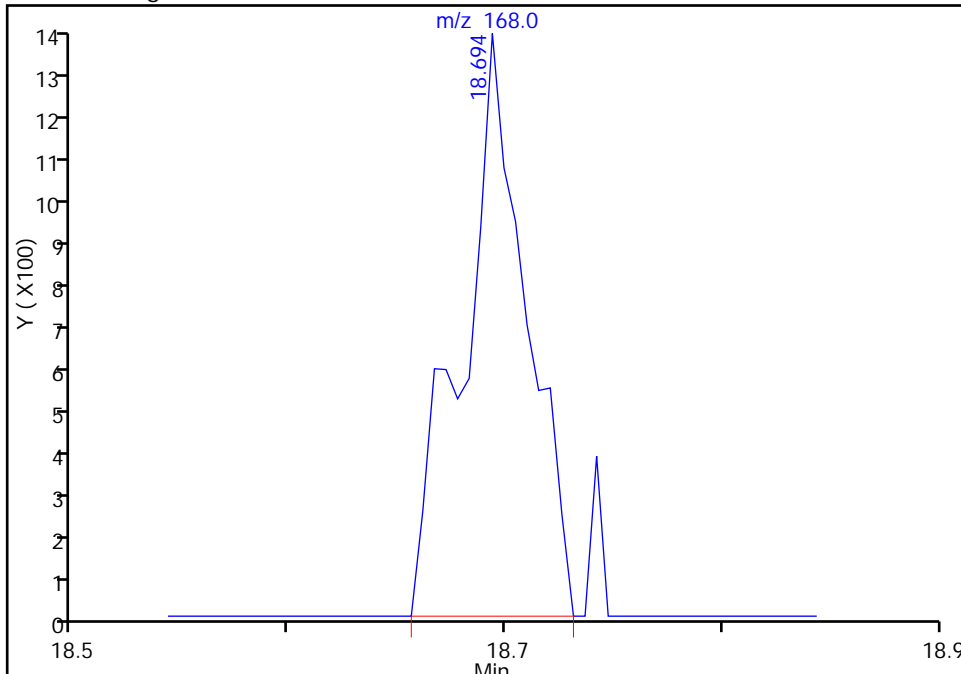
RT: 18.69
Response: 2394
Amount: 0.026017

Processing Integration Results



RT: 18.69
Response: 2855
Amount: 0.042635

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

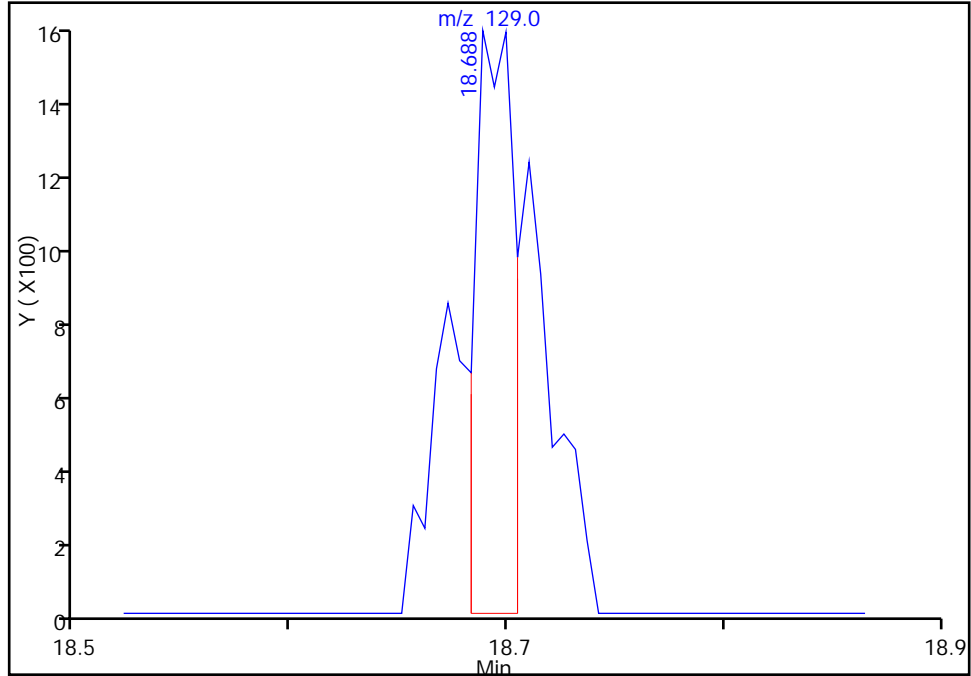
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_004.d
Injection Date: 11-Feb-2014 19:12:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

72 Tetrachloroethene, CAS: 127-18-4

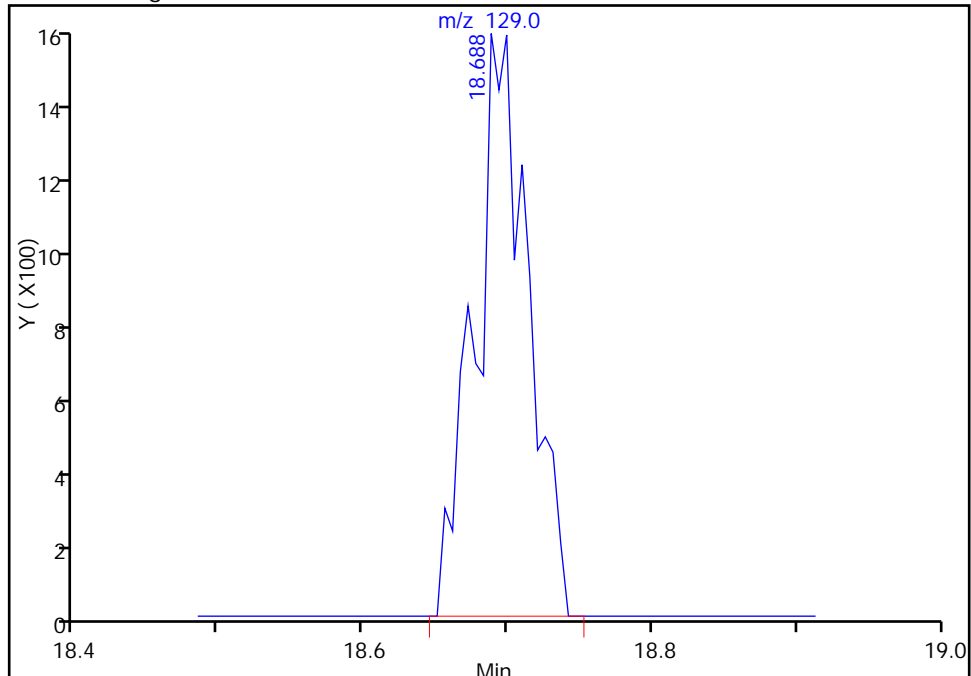
RT: 18.69
Response: 2002
Amount: 0.026017

Processing Integration Results



RT: 18.69
Response: 4079
Amount: 0.042635

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:19:51
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Feb-2014 20:02:30 ALS Bottle#: 2 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-005
 Misc. Info.: IC 02
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:25 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:18:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.372	4.383	-0.011	89	7919	0.2883	
2 Dichlorodifluoromethane	85	4.469	4.479	-0.010	88	51787	0.2721	
6 Chlorodifluoromethane	51	4.533	4.544	-0.011	69	19913	0.2762	M
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.822	4.832	-0.010	81	41809	0.2576	
8 Chloromethane	50	5.020	5.025	-0.005	93	8987	0.2743	M
9 Butane	43	5.277	5.287	-0.010	82	12854	0.2421	
10 Vinyl chloride	62	5.335	5.346	-0.011	60	10997	0.2333	
11 Butadiene	54	5.437	5.442	-0.005	85	6138	0.2117	
13 BFB								
12 Bromomethane	94	6.309	6.314	-0.005	88	12744	0.2614	
14 Chloroethane	64	6.598	6.598	0.0	69	6858	0.2734	
15 2-Methylbutane	43	6.684	6.678	0.006	88	9879	0.2438	
16 Vinyl bromide	106	7.079	7.079	0.0	90	14315	0.2203	
17 Trichlorofluoromethane	101	7.186	7.192	-0.006	94	54715	0.2565	
18 Pentane	43	7.363	7.357	0.006	94	12437	0.2190	
19 Ethanol	45	7.839	7.796	0.043	86	8302	0.6976	M
21 Ethyl ether	59	7.957	7.941	0.016	79	5524	0.1860	
22 Acrolein	56	8.433	8.406	0.027	1	2718	0.2177	M
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.449	8.443	0.006	89	35110	0.2630	
24 1,1-Dichloroethene	96	8.519	8.518	0.0	81	12306	0.2140	
25 Acetone	43	8.770	8.748	0.022	83	41430	0.6856	
26 Carbon disulfide	76	9.005	9.000	0.005	96	33981	0.2566	
27 Isopropyl alcohol	45	9.053	9.032	0.021	86	12986	0.2565	
29 3-Chloro-1-propene	41	9.396	9.406	-0.010	70	7746	0.1894	M
30 Acetonitrile	41	9.556	9.535	0.021	93	5686	0.2567	
31 Methylene Chloride	49	9.733	9.733	0.0	67	13057	0.3103	
32 2-Methyl-2-propanol	59	9.936	9.904	0.032	92	14141	0.1539	
33 Methyl tert-butyl ether	73	10.177	10.161	0.016	91	25387	0.1668	M
S 41 1,2-Dichloroethene, Total	61				0		0.4054	
34 trans-1,2-Dichloroethene	61	10.225	10.236	-0.011	69	14677	0.2117	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	35			10.391	10.385	0.006	78	5168	0.2004	M
	36			10.664	10.653	0.011	81	9334	0.1603	M
	37			11.199	11.199	0.0	87	22977	0.2463	
	38			11.247	11.236	0.011	96	12486	0.1440	
	39			12.376	12.375	0.001	73	11760	0.1936	
	40			12.397	12.392	0.005	91	5115	0.1999	
	42			12.418	12.413	0.005	91	942	0.1894	M
	44			12.884	12.846	0.038	26	6984	0.1850	
*	43			12.852	12.852	0.0	69	416155	10.0	
	45			12.959	12.964	-0.005	92	34468	0.2472	
	46			13.269	13.264	0.005	48	12613	0.1732	M
	47			13.285	13.280	0.005	87	39303	0.2360	M
	48			13.526	13.531	-0.005	88	44782	0.2355	
	51			13.927	13.927	0.0	94	30569	0.1576	
	50			13.991	13.986	0.005	93	39250	0.2258	
	52			14.136	14.141	-0.005	86	20756	0.2359	
	53			14.291	14.275	0.016	54	8920	0.1473	M
*	54			14.746	14.745	0.001	92	1994908	10.0	
A	57			14.769	6.668 - 22.871		0	4828527	0	
	55			15.050	15.024	0.026	80	3340	0.1548	M
	56			15.206	15.211	-0.005	91	18767	0.2097	
	58			15.725	15.730	-0.005	78	12023	0.2271	
	59			15.826	15.815	0.011	62	6449	0.1175	
	60			15.928	15.901	0.027	62	6387	0.2099	M
	61			15.971	15.970	0.001	83	26683	0.2431	
	62			16.222	16.222	0.0	95	34126	0.2227	
A	63			16.631	4.373 - 28.889		0	8245530	57.0	
	64			17.083	17.083	0.0	75	13630	0.1573	M
	65			17.324	17.324	0.0	90	10964	0.1292	
A	68			17.656	17.606 - 17.706		0	170333	NC	
	69			17.661	17.656	0.005	67	11592	0.1444	
	66			17.666	17.661	0.005	93	25558	0.2013	
A	67			17.661	17.621 - 17.701		0	170333	NC	
	70			18.185	18.191	-0.006	75	15715	0.1580	M
	71			18.555	18.560	-0.005	89	14922	0.2357	
	72			18.694	18.699	-0.005	94	35883	0.2271	
	73			18.956	18.950	0.006	80	6782	0.0949	M
	74			19.314	19.314	0.0	94	36375	0.2069	
	75			19.592	19.603	-0.011	94	25783	0.2007	
S	82			106			0		0.5417	
*	76			20.443	20.443	0.0	83	1750944	10.0	
	77			20.496	20.502	-0.006	81	53470	0.2517	
	78			20.614	20.614	0.0	95	58807	0.1982	M
	79			20.673	20.673	0.0	70	17070	0.1724	
	80			20.834	20.833	0.001	100	46562	0.3891	
	83			21.545	21.545	0.0	88	17232	0.1526	
	84			21.582	21.582	0.0	72	22885	0.1366	M
	85			21.962	21.962	0.0	98	34644	0.1959	
	86			22.112	22.112	0.0	89	49913	0.1437	
\$	87			22.444	22.444	0.0	97	1125306	NC	
	88			22.668	22.668	0.0	89	42226	0.2454	
	90			22.743	22.743	0.0	98	73520	0.1819	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	90	34156	0.2579	
93	n-Decane		57	22.856	22.861	-0.005	76	21625	0.1560	
91	4-Ethyltoluene		105	22.909	22.909	0.0	85	77066	0.1994	
92	2-Chlorotoluene		91	22.941	22.946	-0.005	87	74427	0.2202	
94	1,3,5-Trimethylbenzene		105	23.000	23.005	-0.005	91	74782	0.2090	
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	80	17264	0.1158	
96	tert-Butylbenzene		119	23.476	23.481	-0.005	91	63525	0.1828	
97	1,2,4-Trimethylbenzene		105	23.567	23.572	-0.005	93	58508	0.1714	
98	sec-Butylbenzene		105	23.803	23.808	-0.005	97	86979	0.1849	
99	4-Isopropyltoluene		119	24.011	24.011	0.0	82	67956	0.1642	
100	1,3-Dichlorobenzene		146	24.075	24.081	-0.006	97	52373	0.2105	
101	1,4-Dichlorobenzene		146	24.220	24.225	-0.005	96	42316	0.1827	
102	Benzyl chloride		91	24.429	24.434	-0.005	91	23594	0.1134	
104	Undecane		57	24.632	24.626	0.006	81	16003	0.1139	
103	n-Butylbenzene		91	24.648	24.653	-0.005	93	55546	0.1770	
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	96	49347	0.2037	
106	Dodecane		57	26.440	26.434	0.006	74	5276	0.0574	
107	1,2,4-Trichlorobenzene		180	27.719	27.724	-0.005	63	16995	0.1366	
108	Hexachlorobutadiene		225	27.922	27.927	-0.005	92	48507	0.2465	
109	Naphthalene		128	28.302	28.312	-0.010	88	24028	0.0990	M
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	77	19032	0.1641	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d

Injection Date: 11-Feb-2014 20:02:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

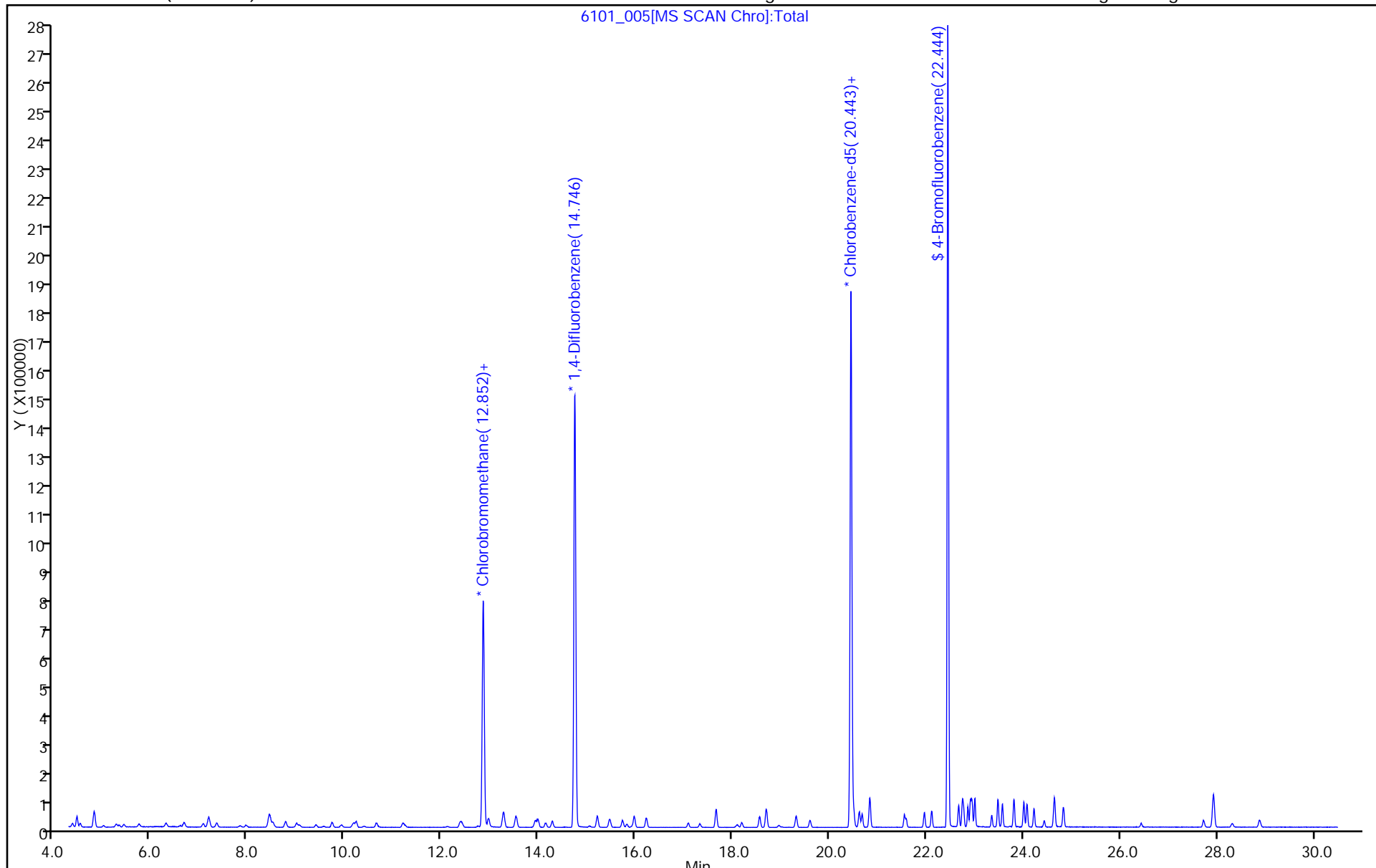
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



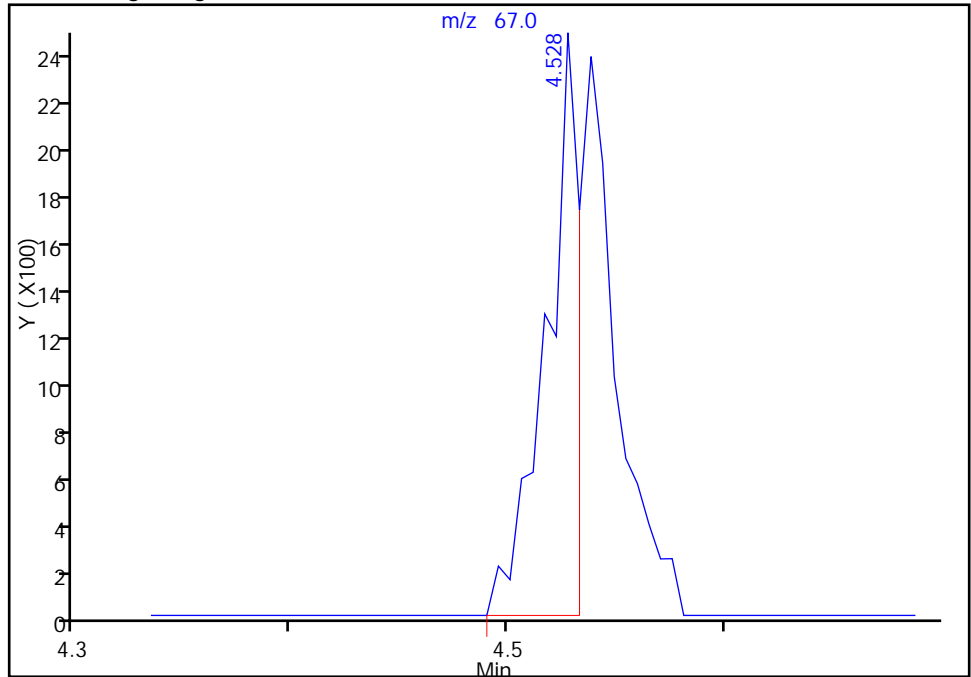
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

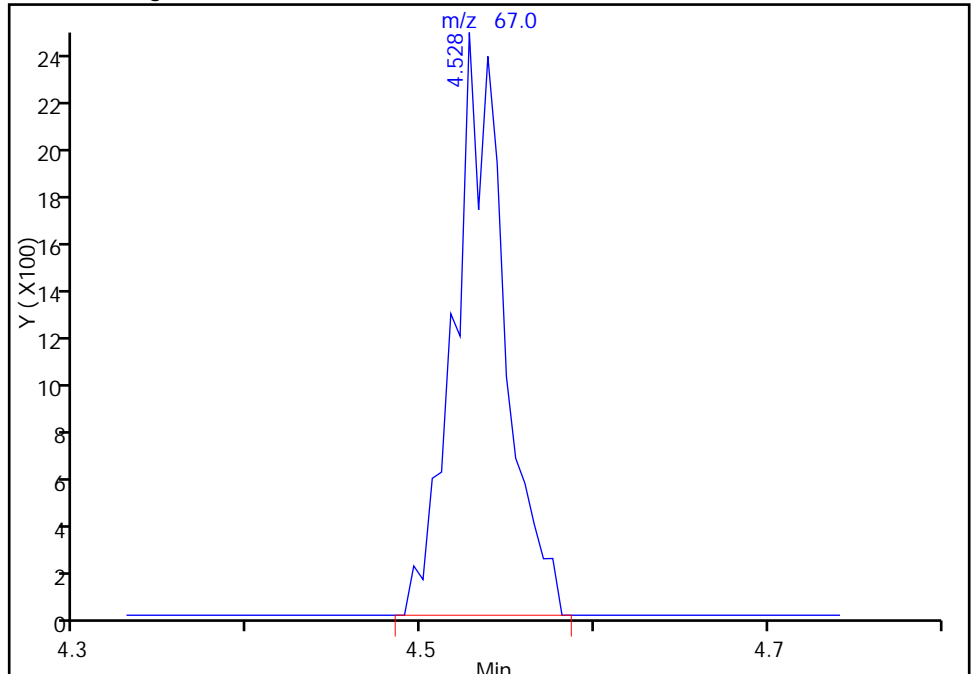
RT: 4.53
Response: 2658
Amount: 0.291066

Processing Integration Results



RT: 4.53
Response: 5054
Amount: 0.276187

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

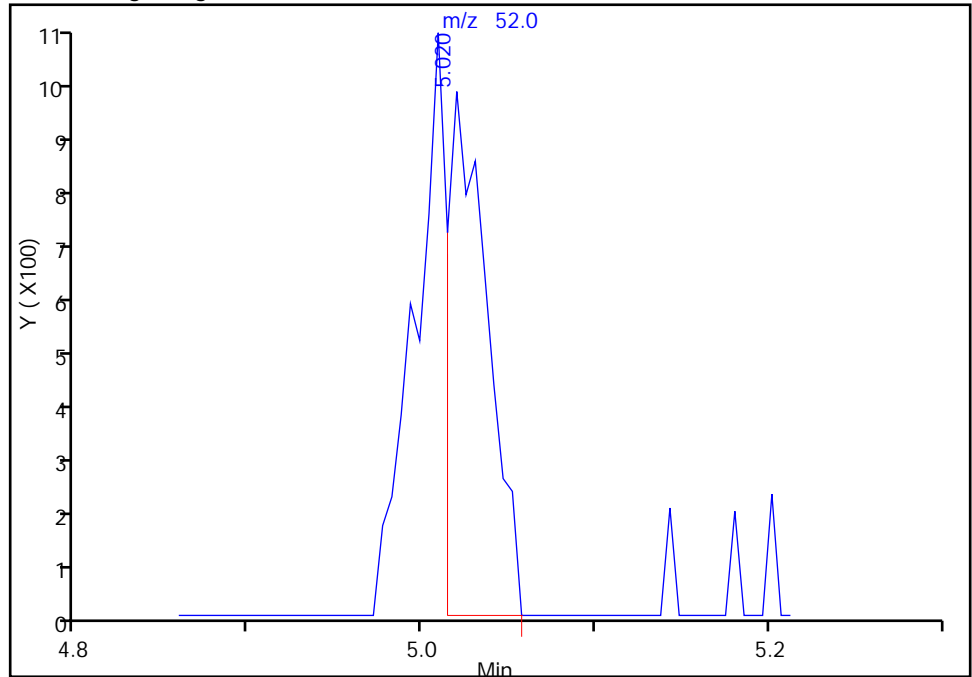
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

8 Chloromethane, CAS: 74-87-3

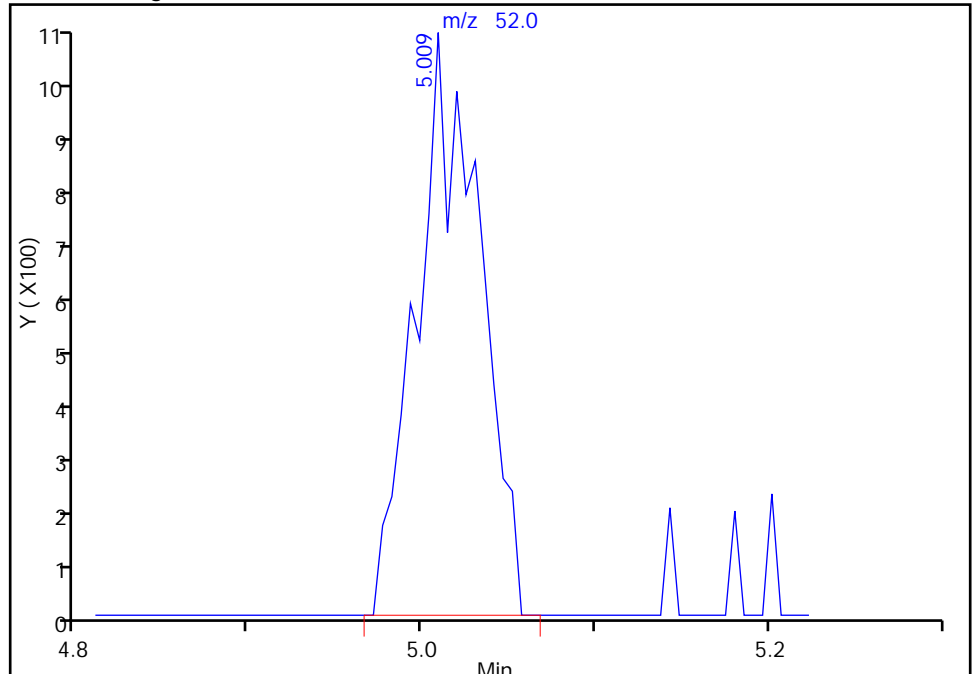
RT: 5.02
Response: 1572
Amount: 0.293440

Processing Integration Results



RT: 5.01
Response: 2760
Amount: 0.274303

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

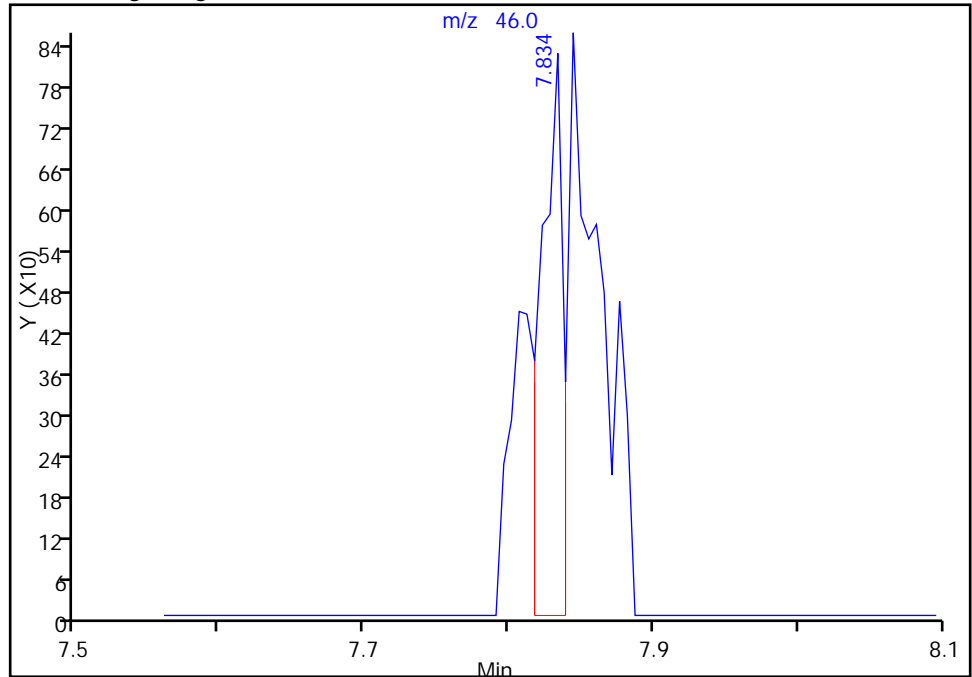
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

19 Ethanol, CAS: 64-17-5

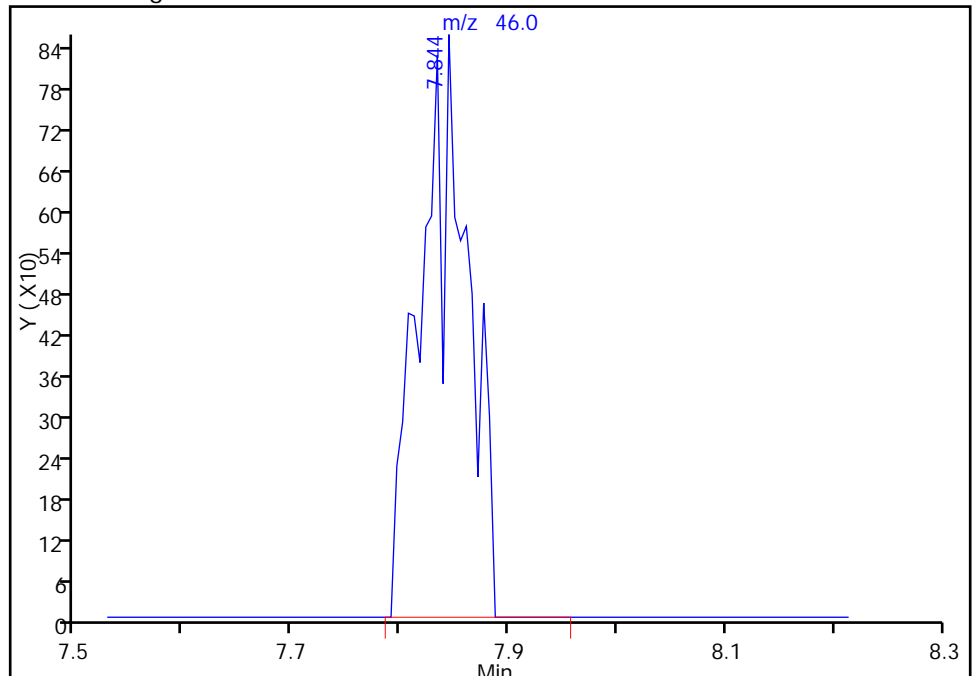
RT: 7.83
Response: 863
Amount: 0.710735

Processing Integration Results



RT: 7.84
Response: 2589
Amount: 0.697629

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

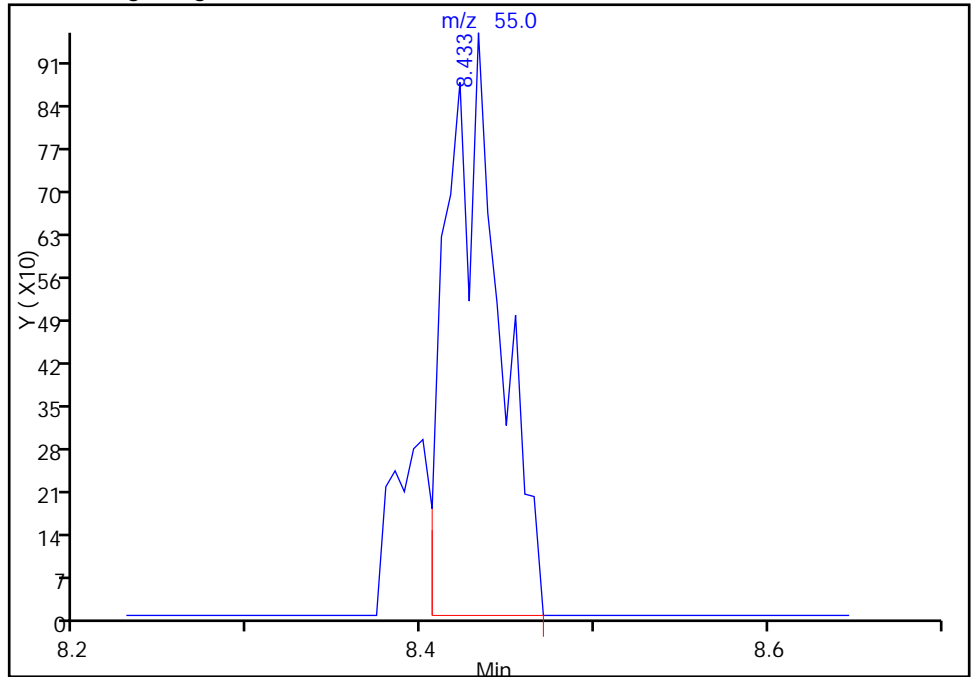
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

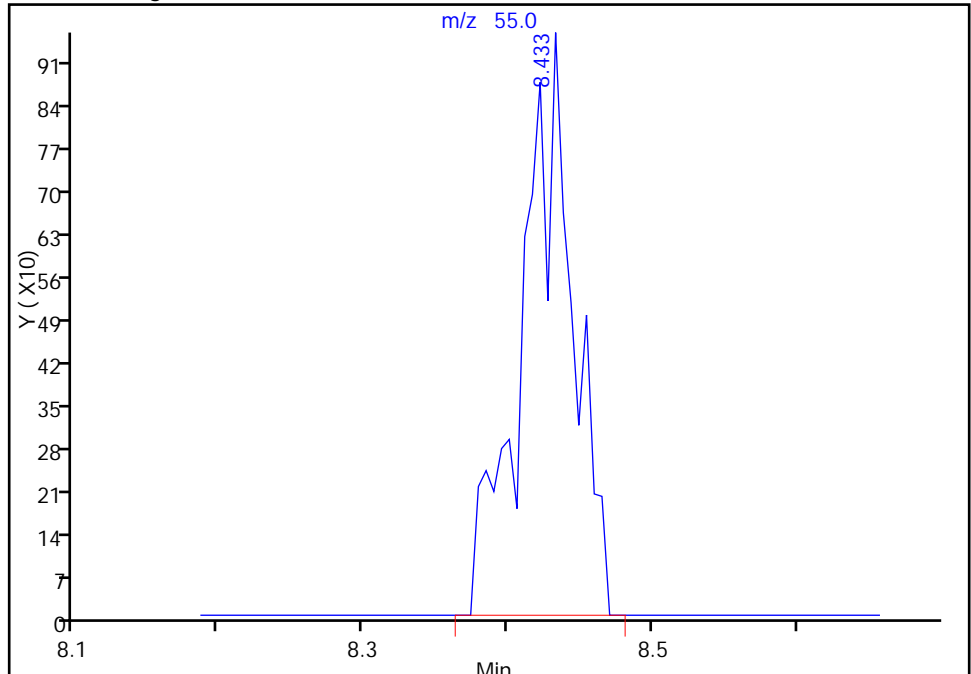
RT: 8.43
Response: 1981
Amount: 0.233126

Processing Integration Results



RT: 8.43
Response: 2369
Amount: 0.217686

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

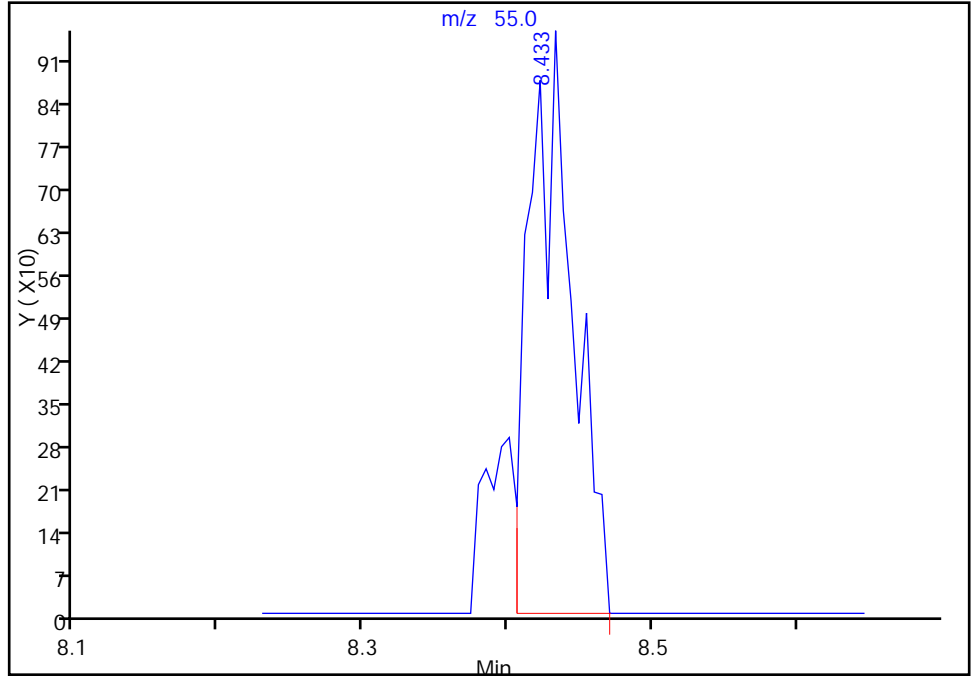
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

22 Acrolein, CAS: 107-02-8

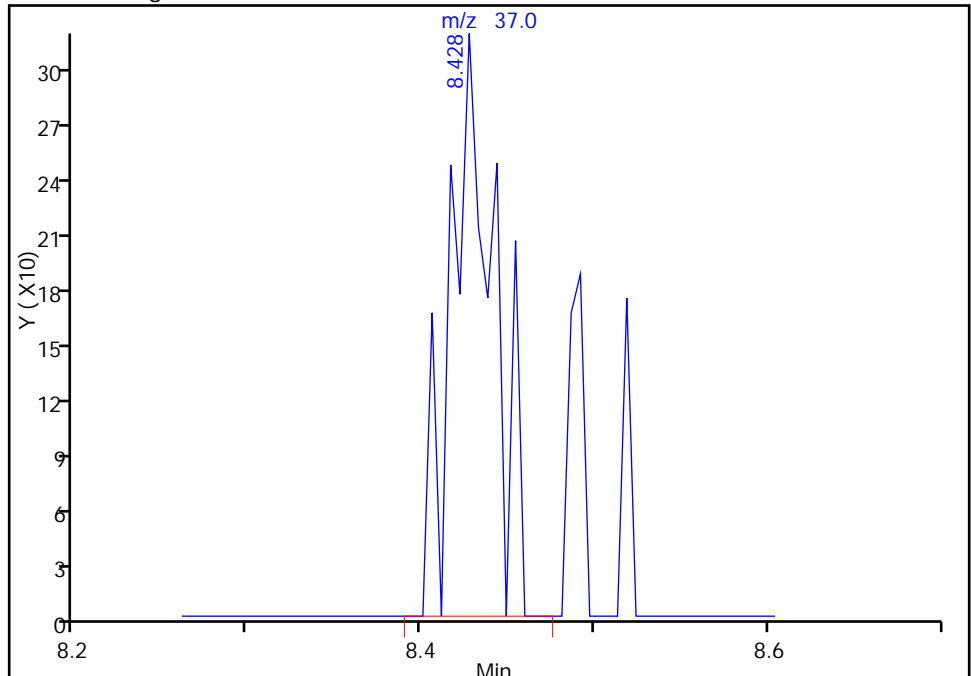
RT: 8.41
Response: 0
Amount: 0.233126

Processing Integration Results



RT: 8.43
Response: 554
Amount: 0.217686

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

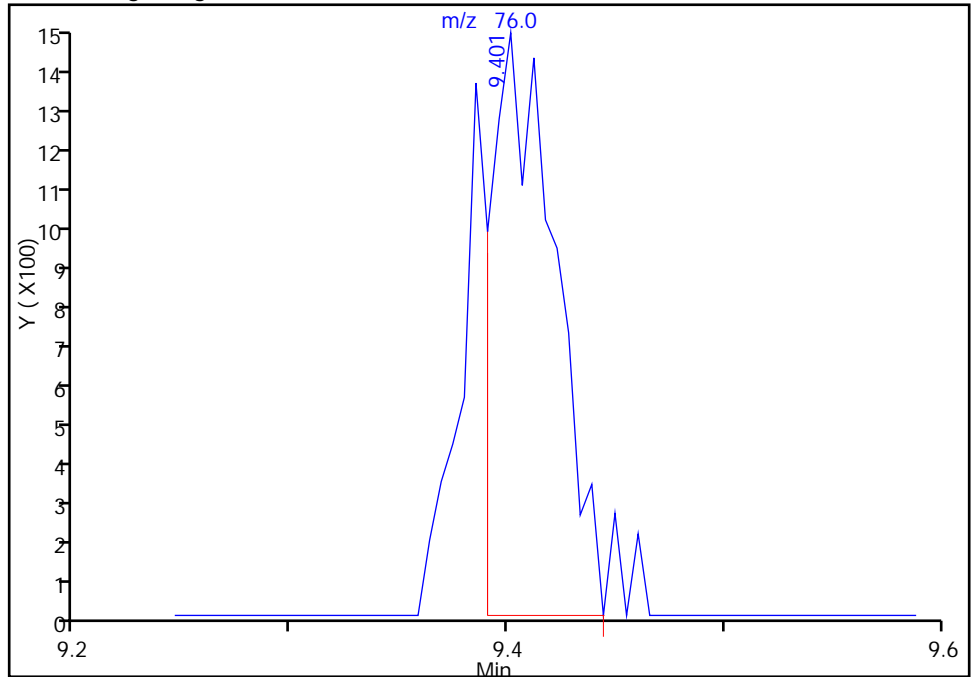
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

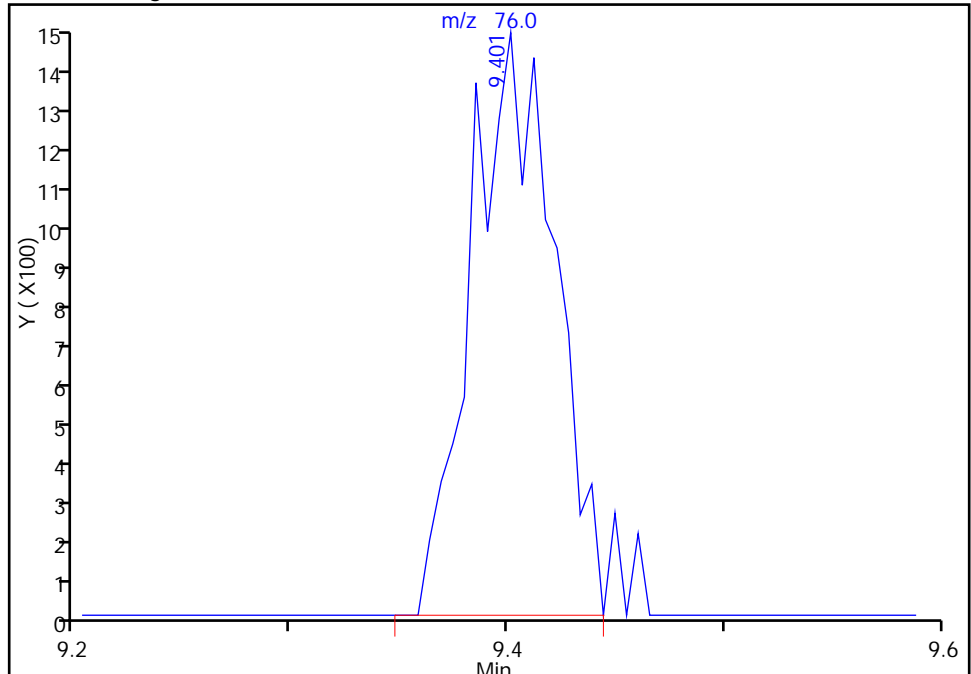
RT: 9.40
Response: 3049
Amount: 0.212438

Processing Integration Results



RT: 9.40
Response: 3975
Amount: 0.189416

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

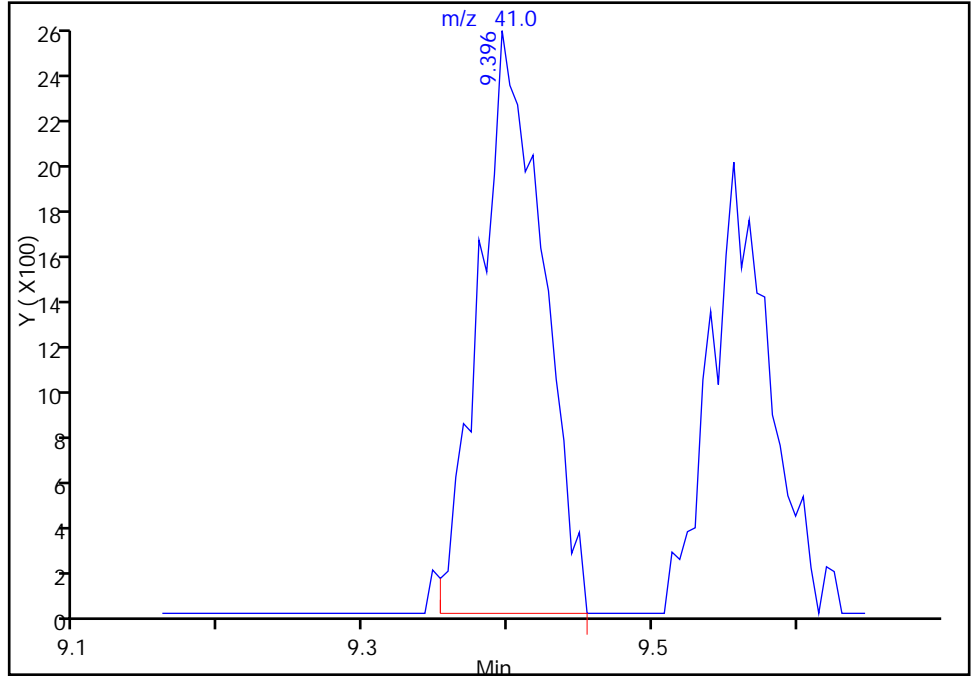
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 3-Chloro-1-propene, CAS: 107-05-1

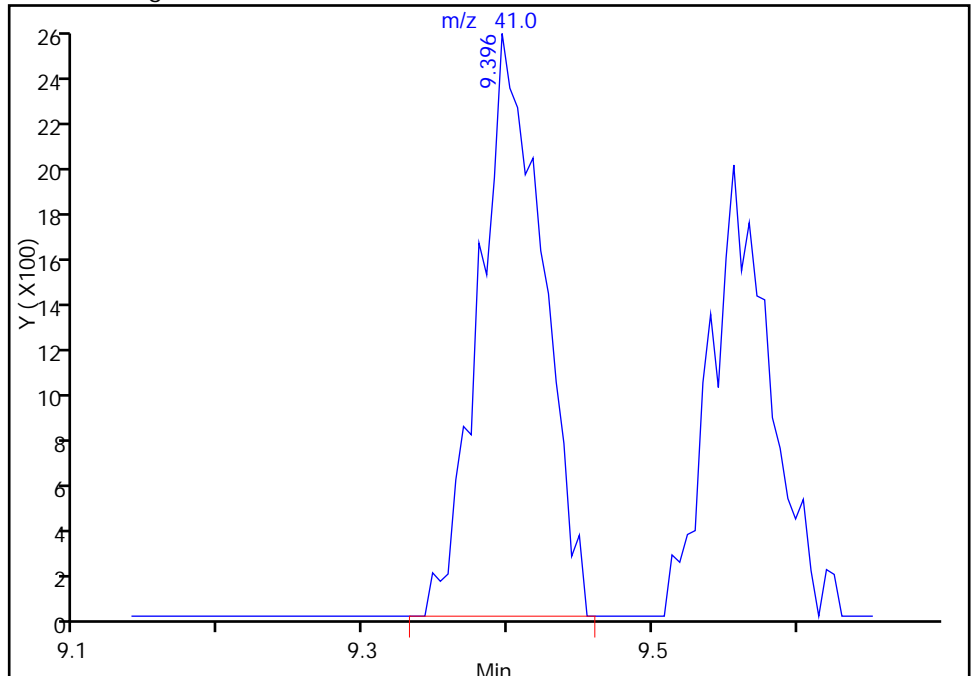
RT: 9.40
Response: 7686
Amount: 0.212438

Processing Integration Results



RT: 9.40
Response: 7746
Amount: 0.189416

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

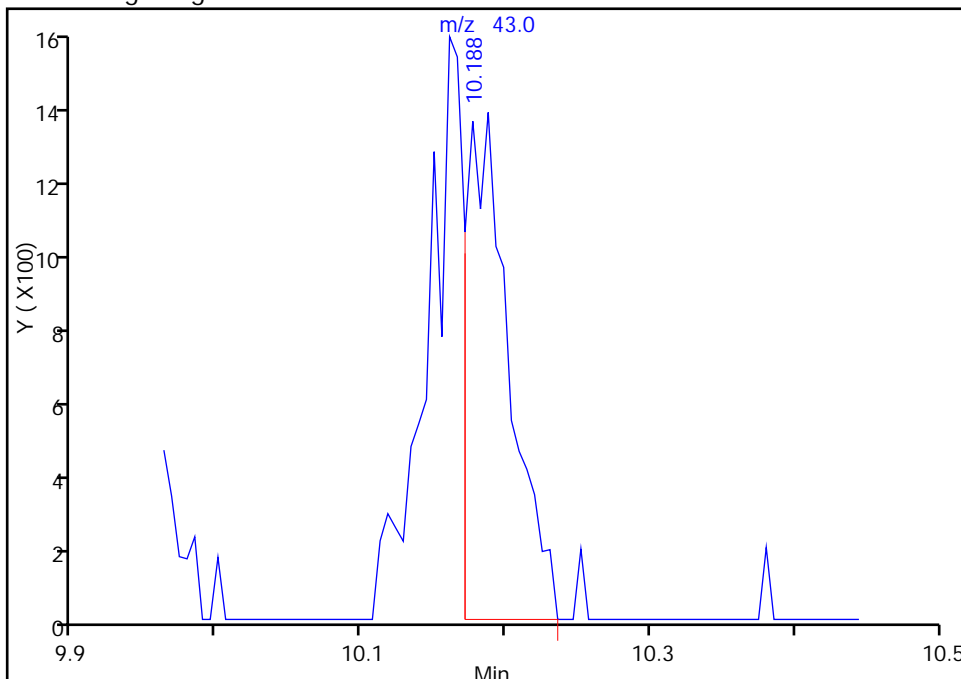
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

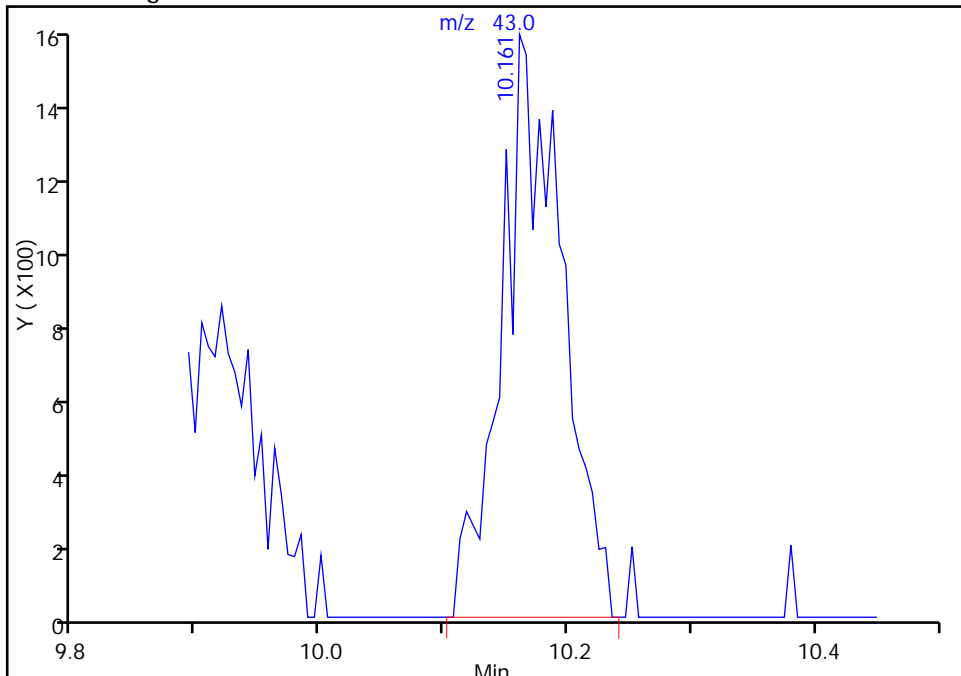
RT: 10.19
Response: 2892
Amount: 0.186665

Processing Integration Results



RT: 10.16
Response: 5374
Amount: 0.166753

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

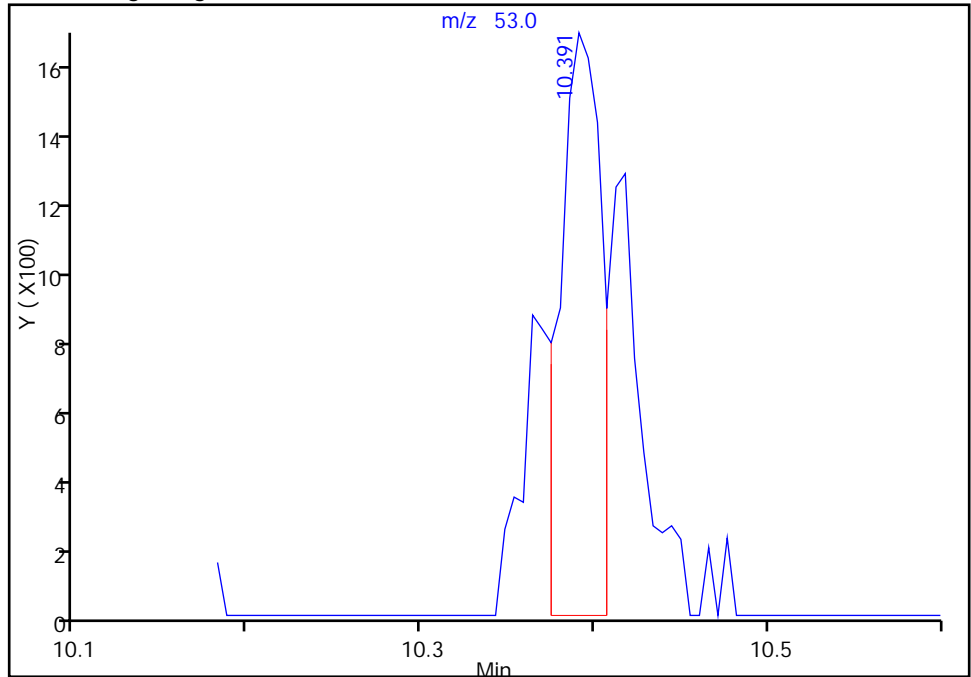
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

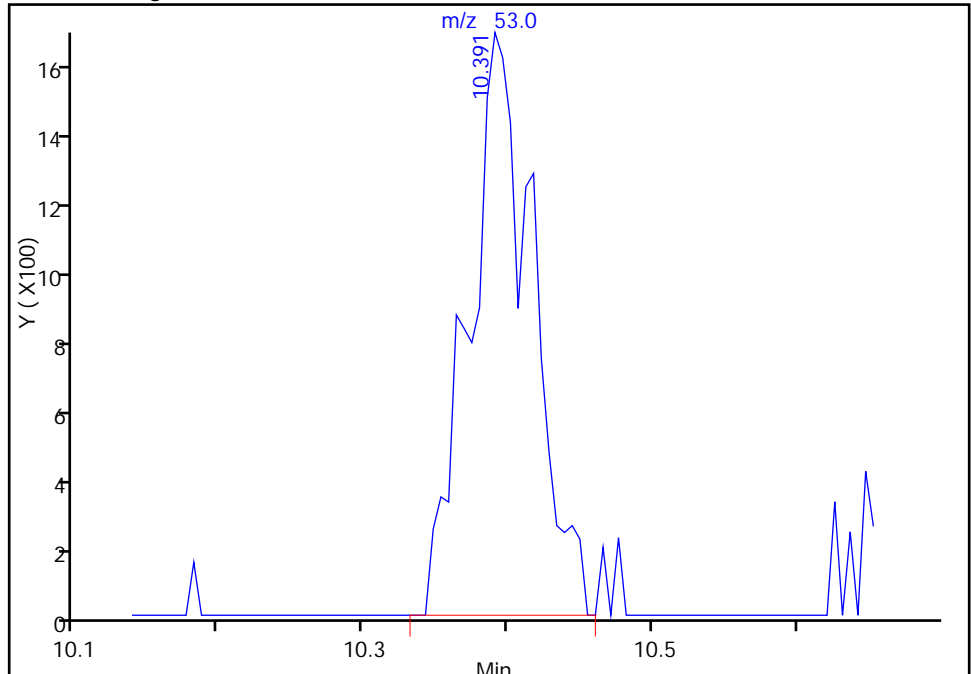
RT: 10.39
Response: 2817
Amount: 0.131257

Processing Integration Results



RT: 10.39
Response: 5168
Amount: 0.200429

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

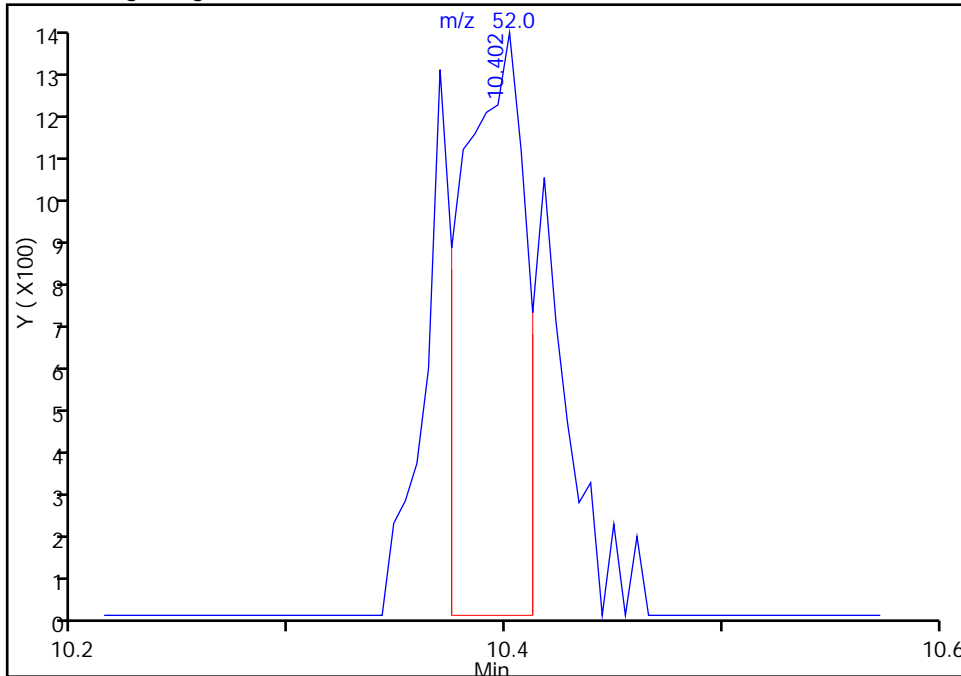
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

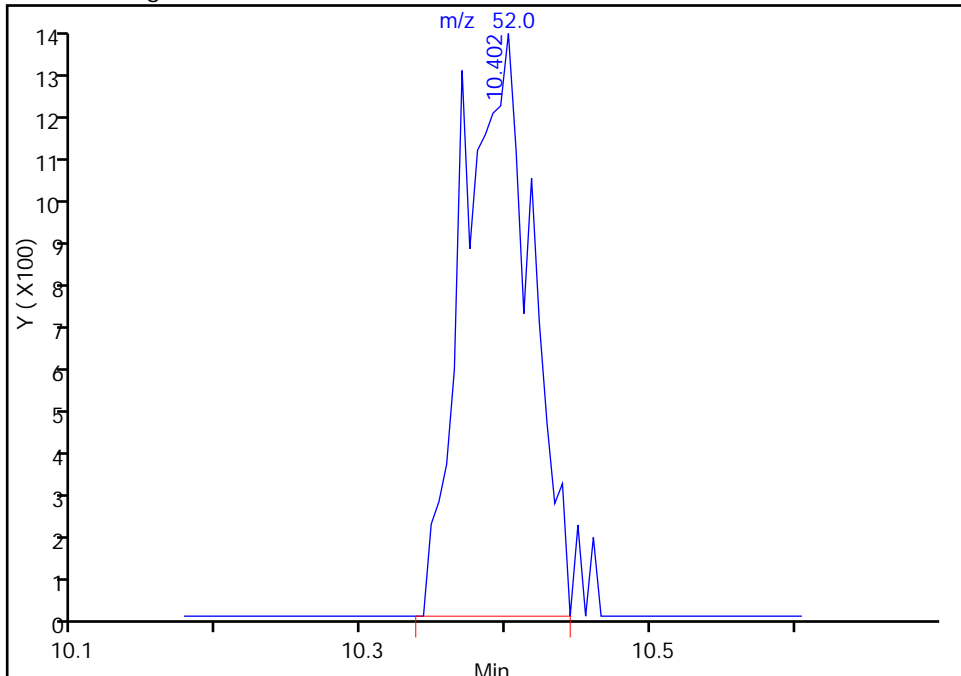
RT: 10.40
Response: 2680
Amount: 0.131257

Processing Integration Results



RT: 10.40
Response: 4372
Amount: 0.200429

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

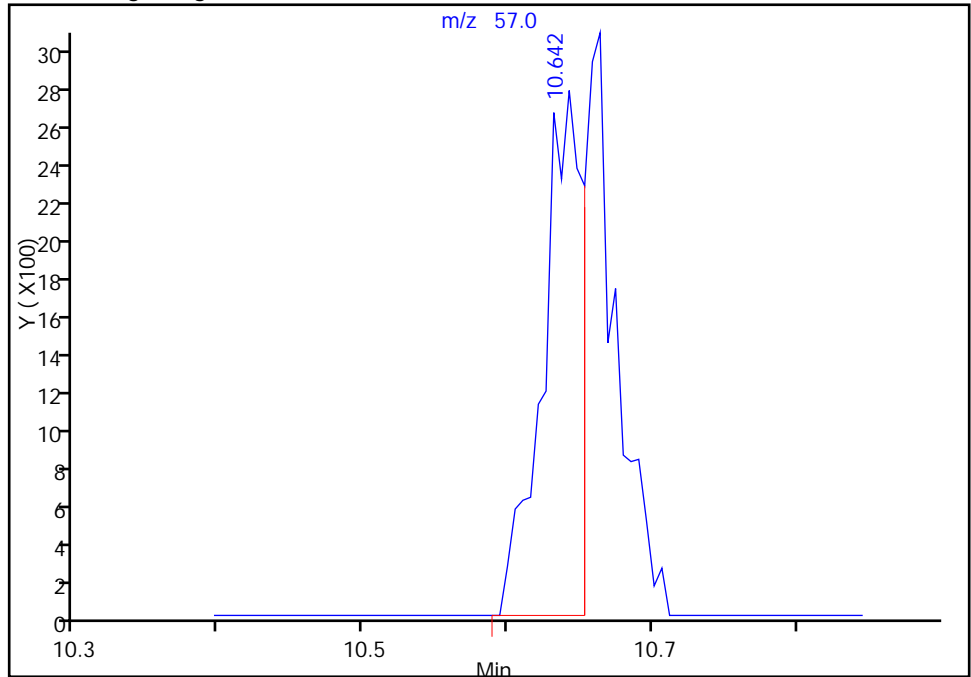
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

36 Hexane, CAS: 110-54-3

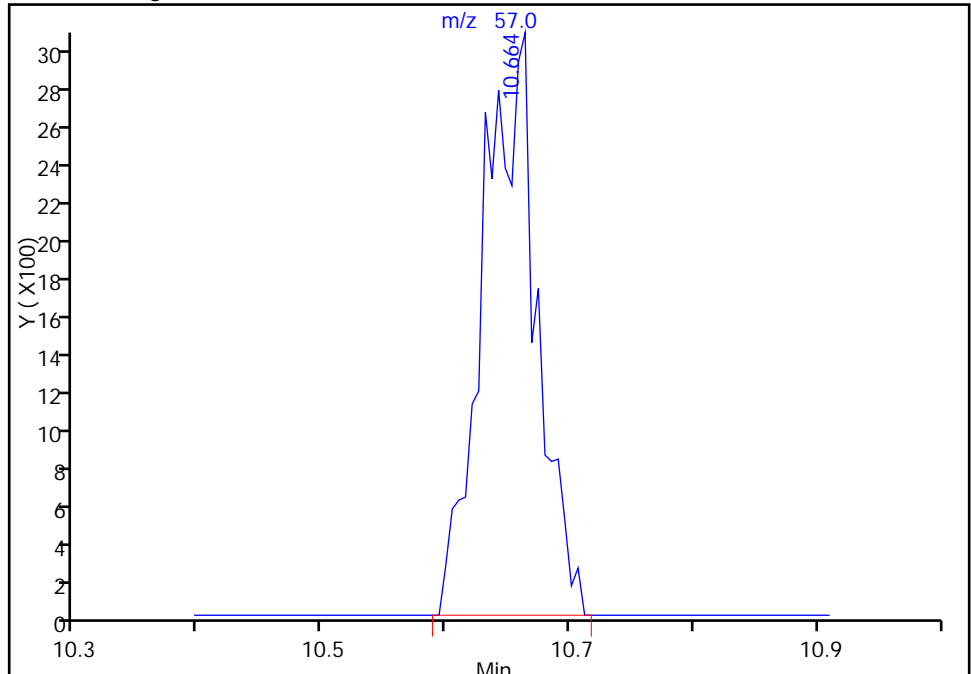
RT: 10.64
Response: 5331
Amount: 0.108649

Processing Integration Results



RT: 10.66
Response: 9334
Amount: 0.160251

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

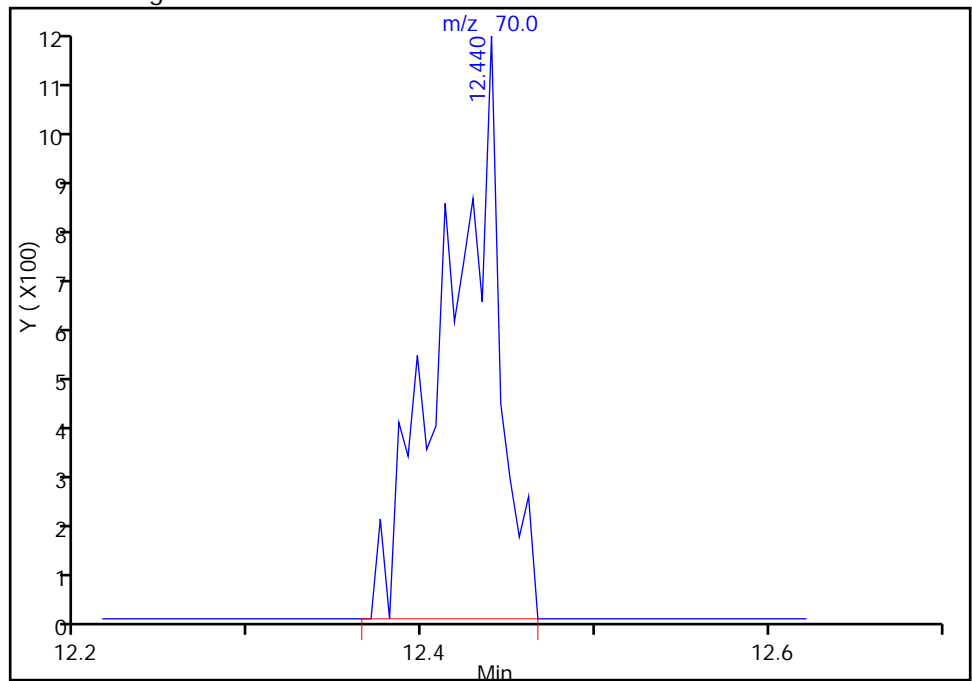
42 Ethyl acetate, CAS: 141-78-6

Processing Integration Results

RT: 12.41
Response: 0
Amount: 0.143118

RT: 12.44
Response: 2453
Amount: 0.189375

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

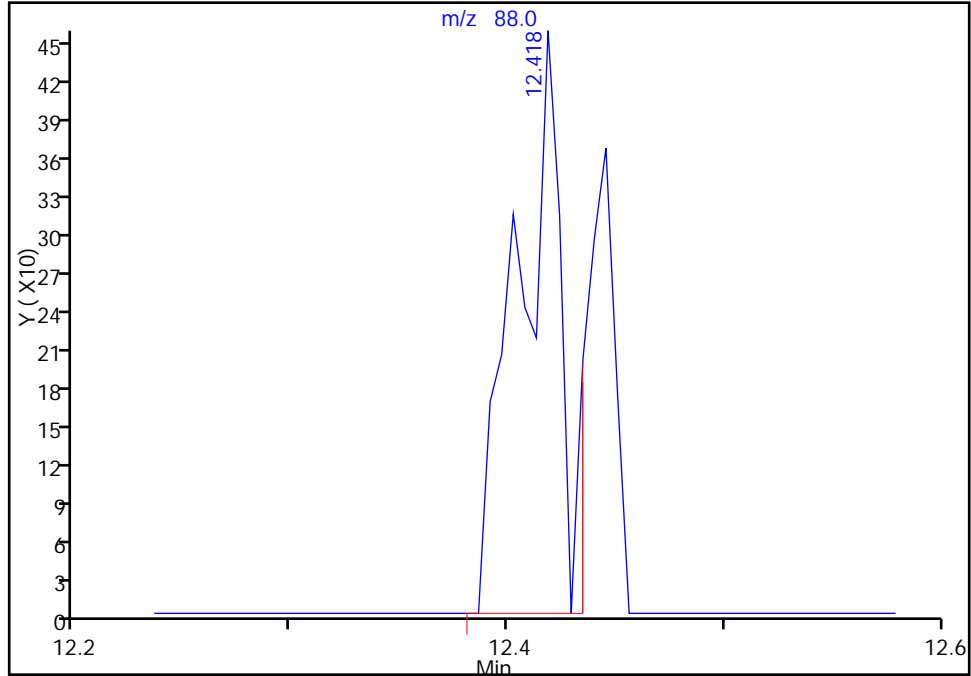
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

42 Ethyl acetate, CAS: 141-78-6

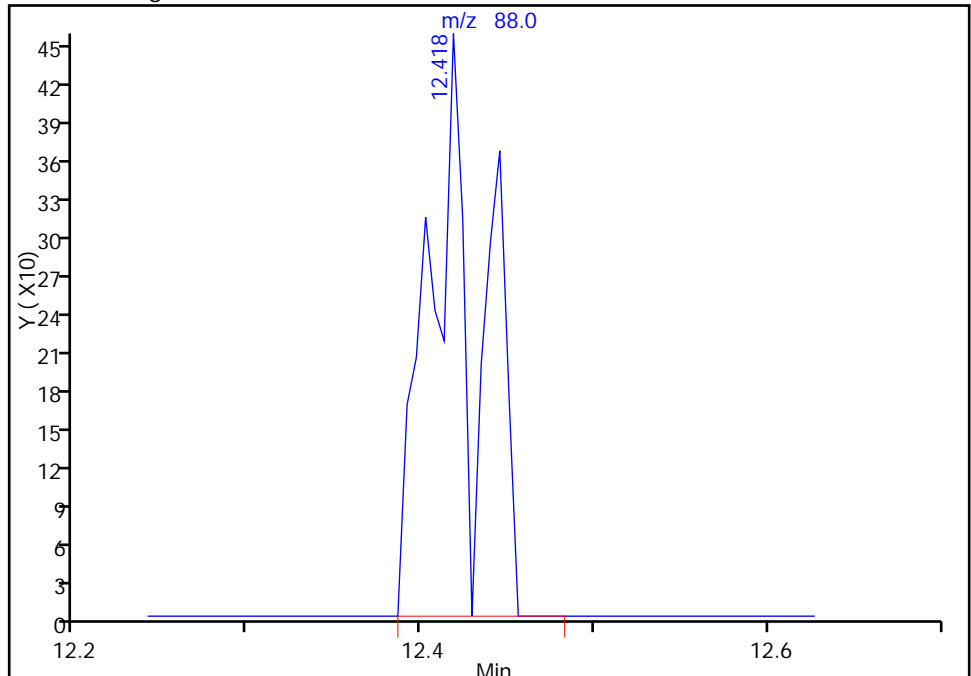
RT: 12.42
Response: 676
Amount: 0.143118

Processing Integration Results



RT: 12.42
Response: 942
Amount: 0.189375

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

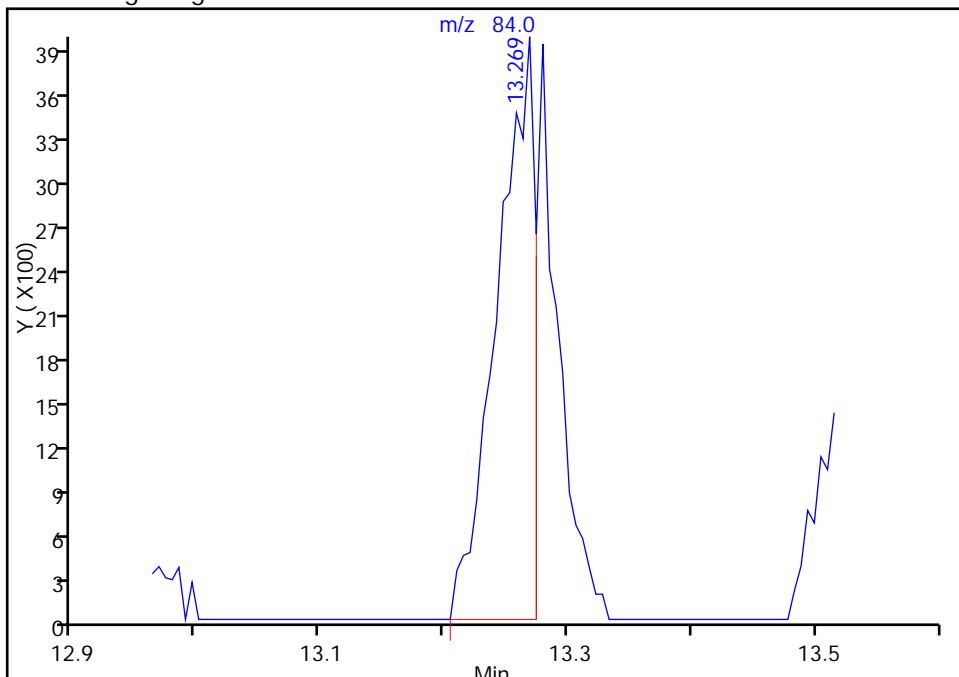
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

46 Cyclohexane, CAS: 110-82-7

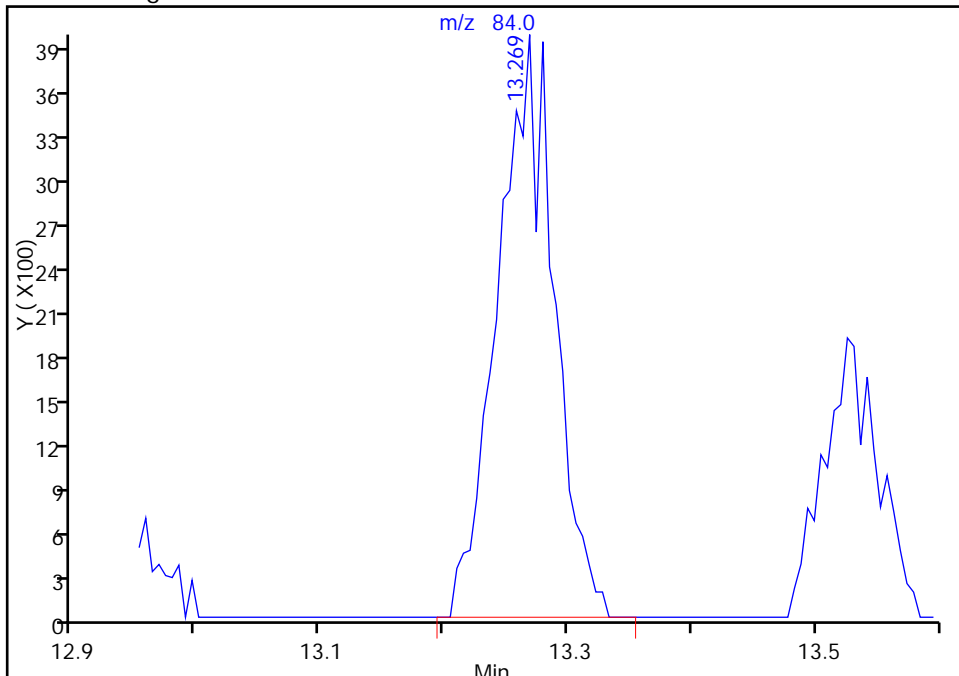
RT: 13.27
Response: 8456
Amount: 0.137490

Processing Integration Results



RT: 13.27
Response: 12613
Amount: 0.173173

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

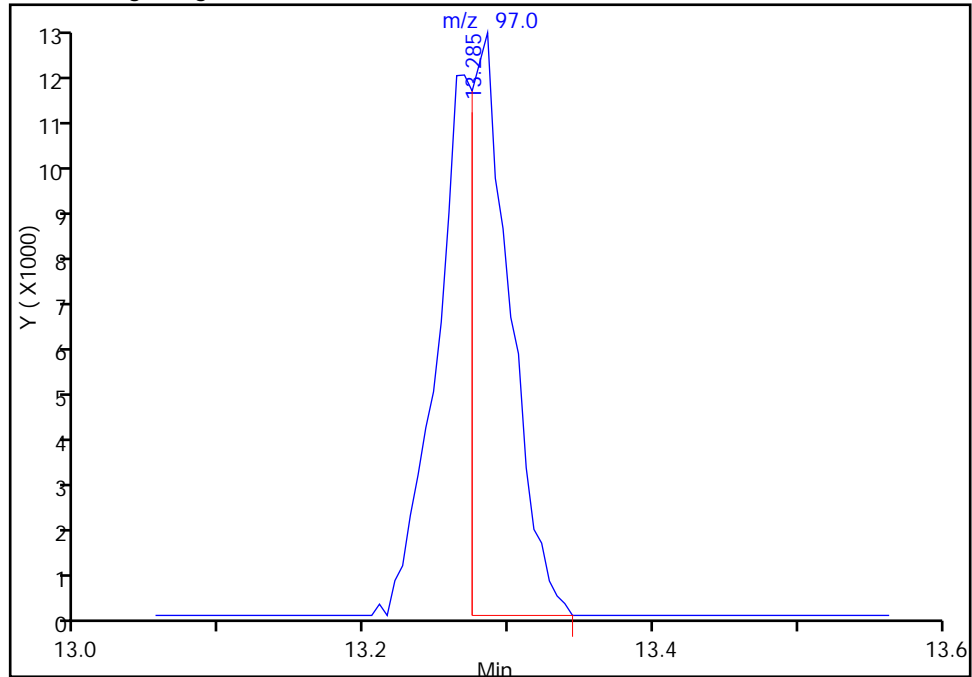
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

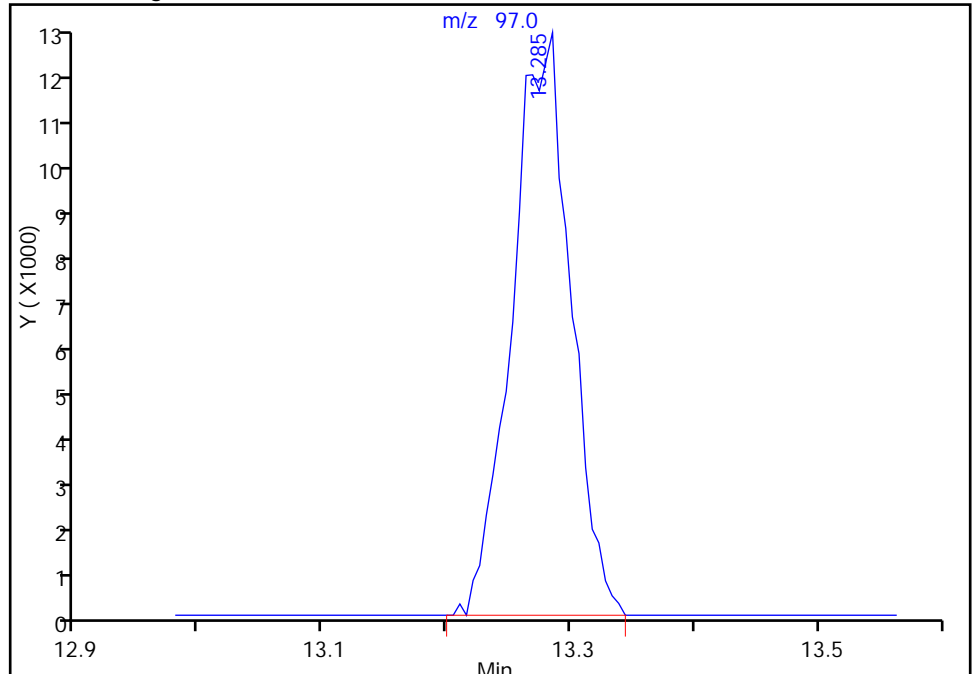
RT: 13.29
Response: 22602
Amount: 0.162437

Processing Integration Results



RT: 13.29
Response: 39303
Amount: 0.236027

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

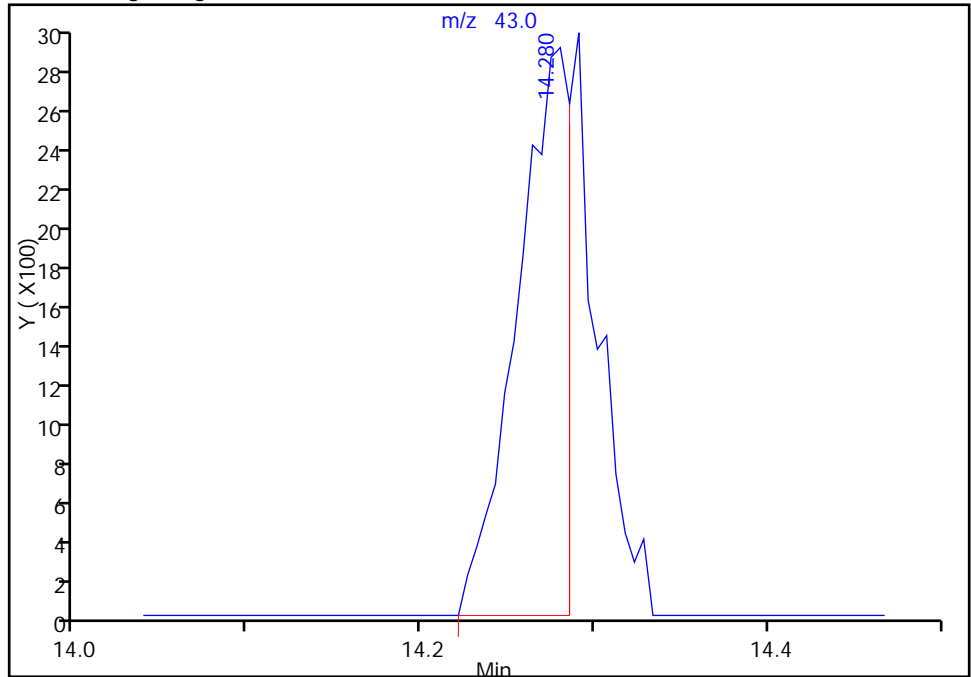
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

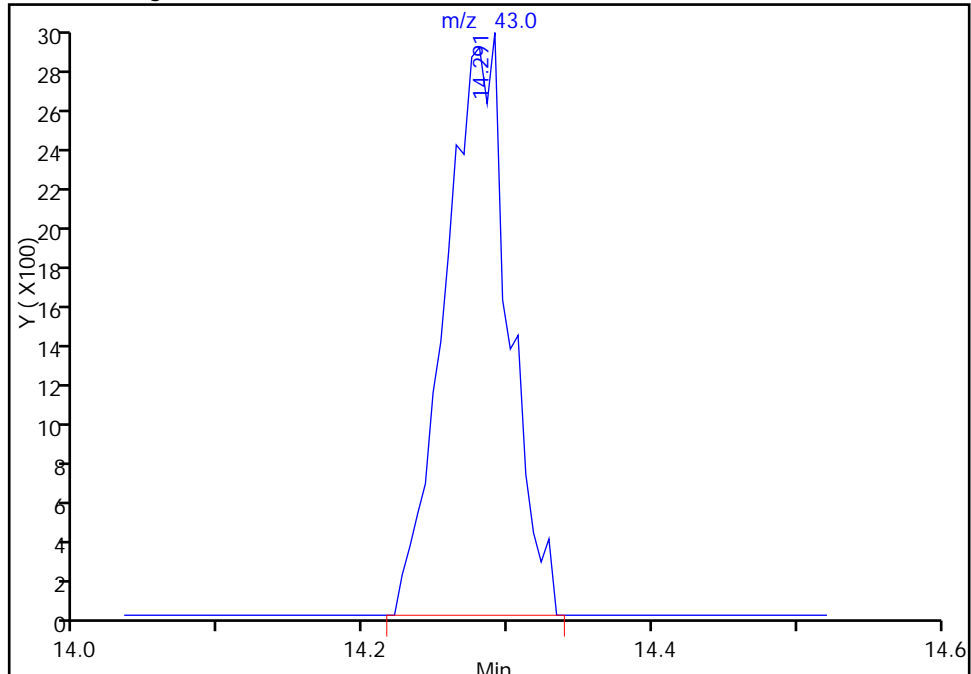
RT: 14.28
Response: 6041
Amount: 0.116642

Processing Integration Results



RT: 14.29
Response: 8920
Amount: 0.147266

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

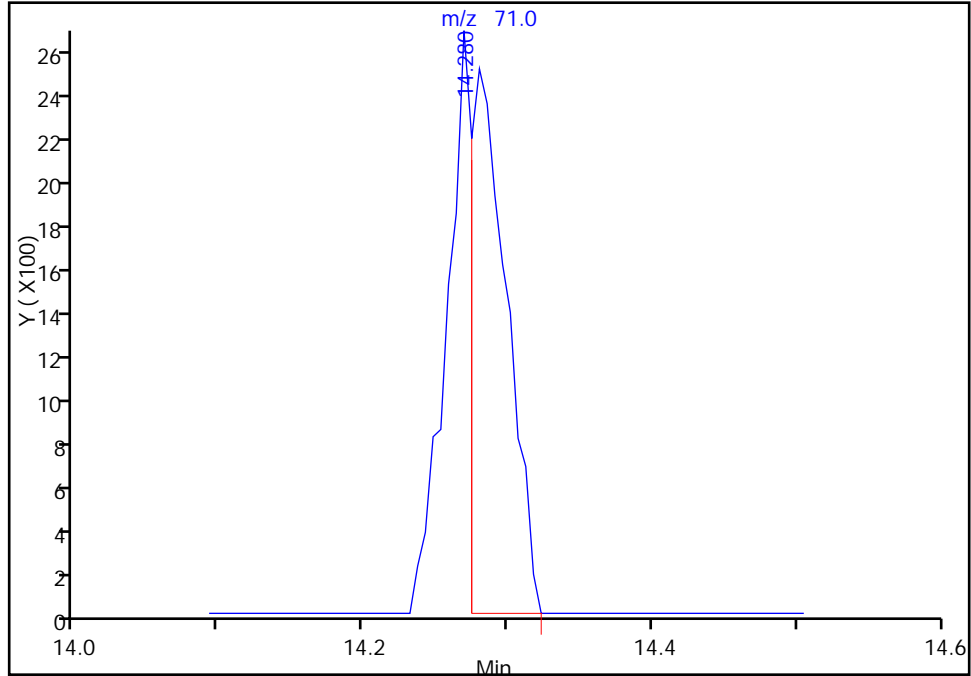
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

53 n-Heptane, CAS: 142-82-5

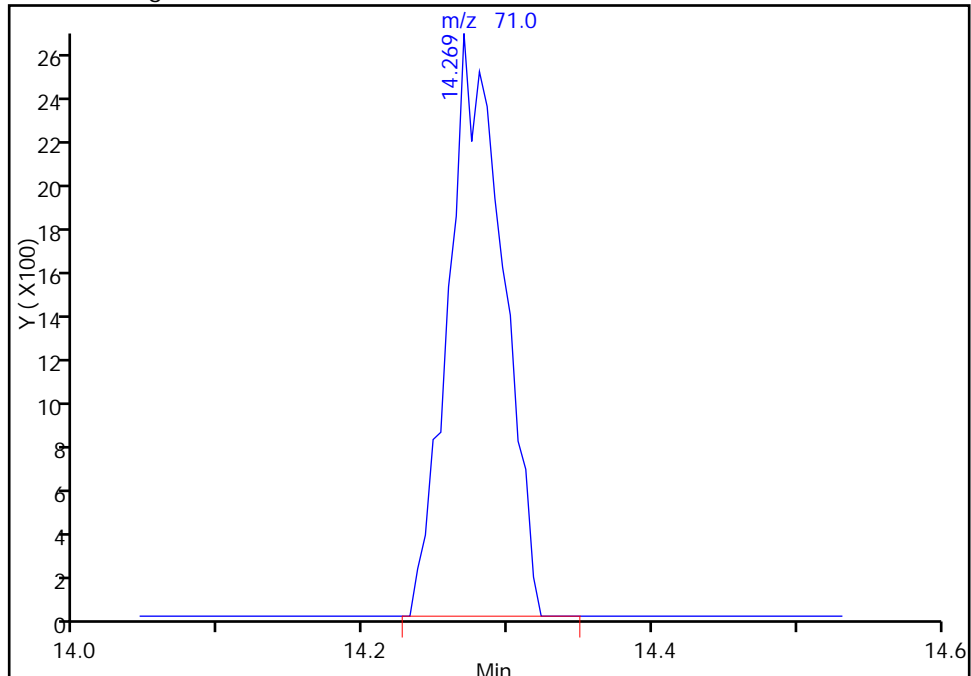
RT: 14.28
Response: 4272
Amount: 0.116642

Processing Integration Results



RT: 14.27
Response: 6875
Amount: 0.147266

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

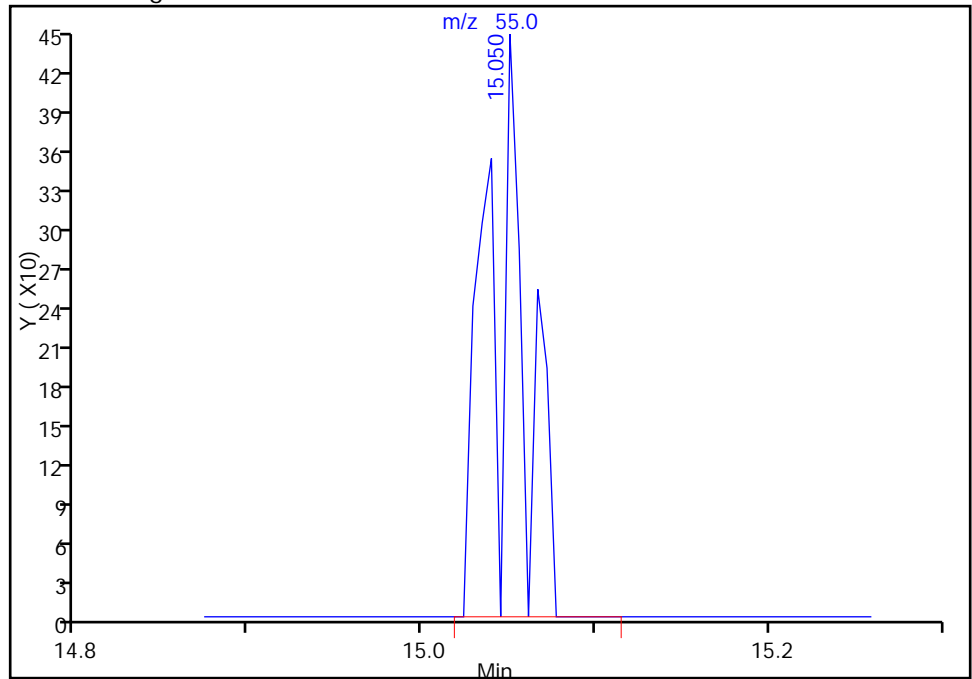
55 n-Butanol, CAS: 71-36-3

Processing Integration Results

RT: 15.02
Response: 0
Amount: 0.170561

RT: 15.05
Response: 667
Amount: 0.154837

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

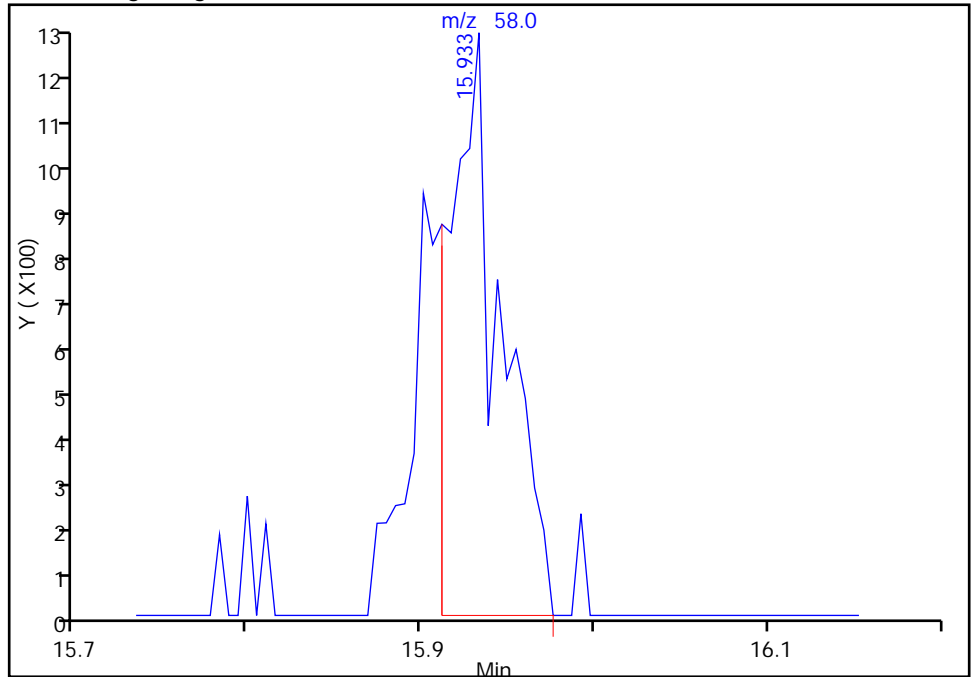
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

60 1,4-Dioxane, CAS: 123-91-1

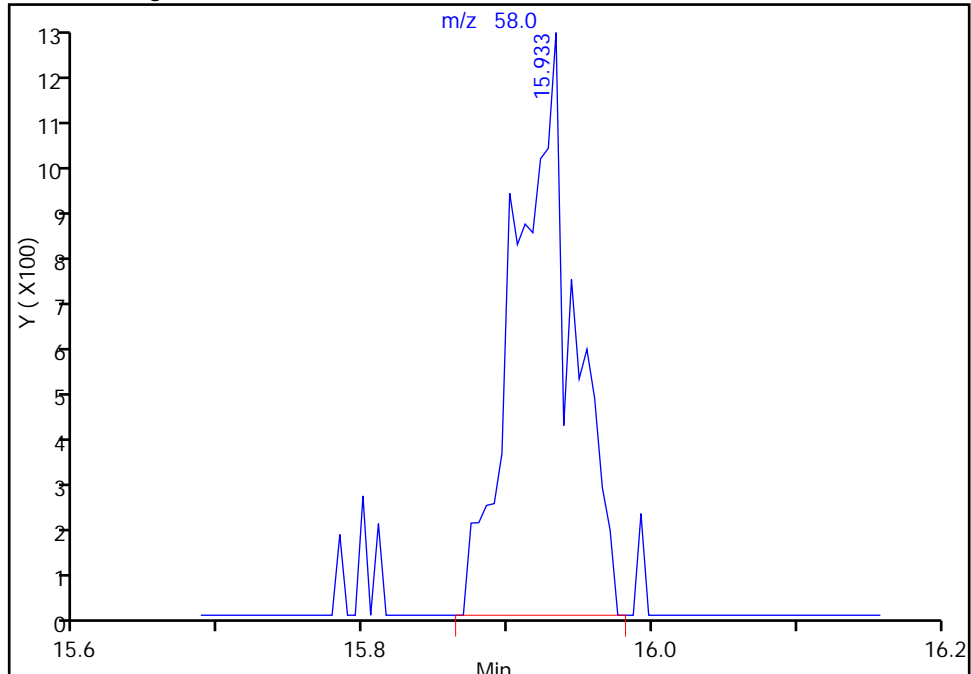
RT: 15.93
Response: 2644
Amount: 0.246008

Processing Integration Results



RT: 15.93
Response: 3606
Amount: 0.209876

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

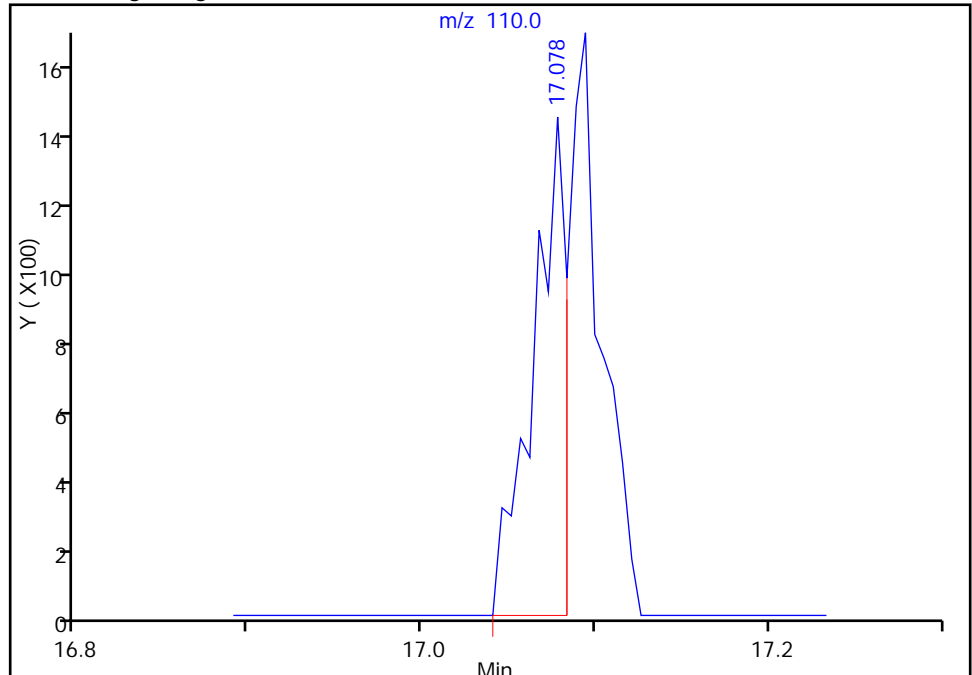
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

64 cis-1,3-Dichloropropene, CAS: 10061-01-5

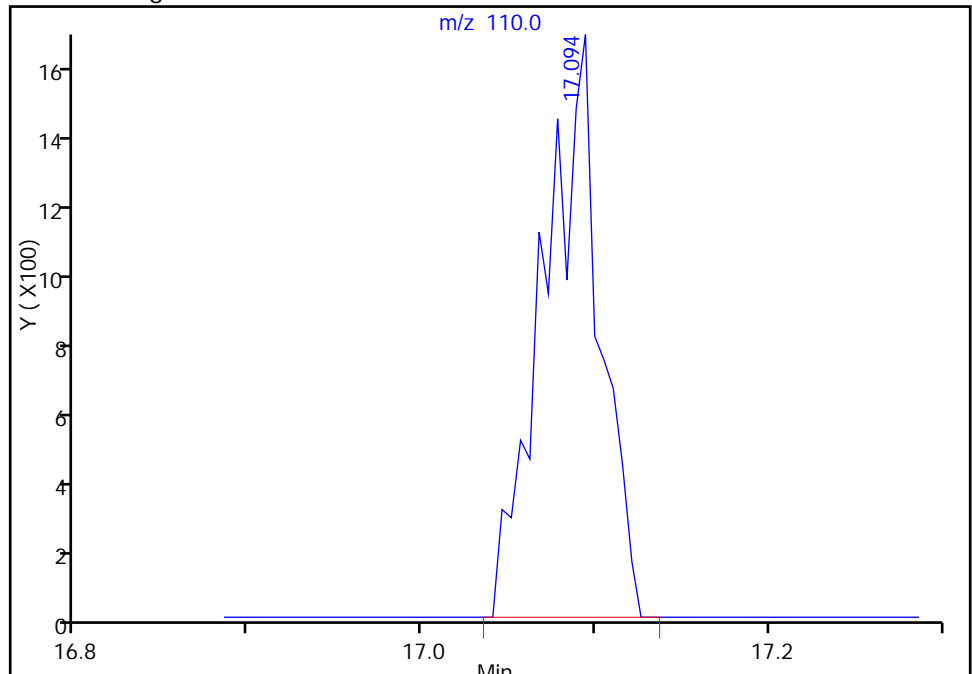
RT: 17.08
Response: 1884
Amount: 0.177105

Processing Integration Results



RT: 17.09
Response: 3753
Amount: 0.157295

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

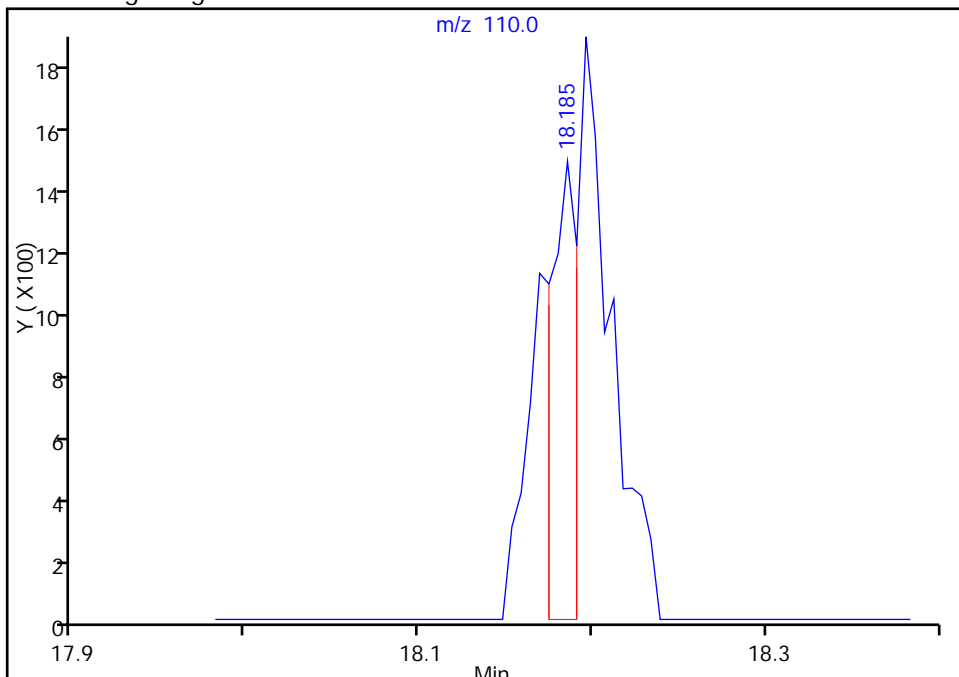
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

70 trans-1,3-Dichloropropene, CAS: 10061-02-6

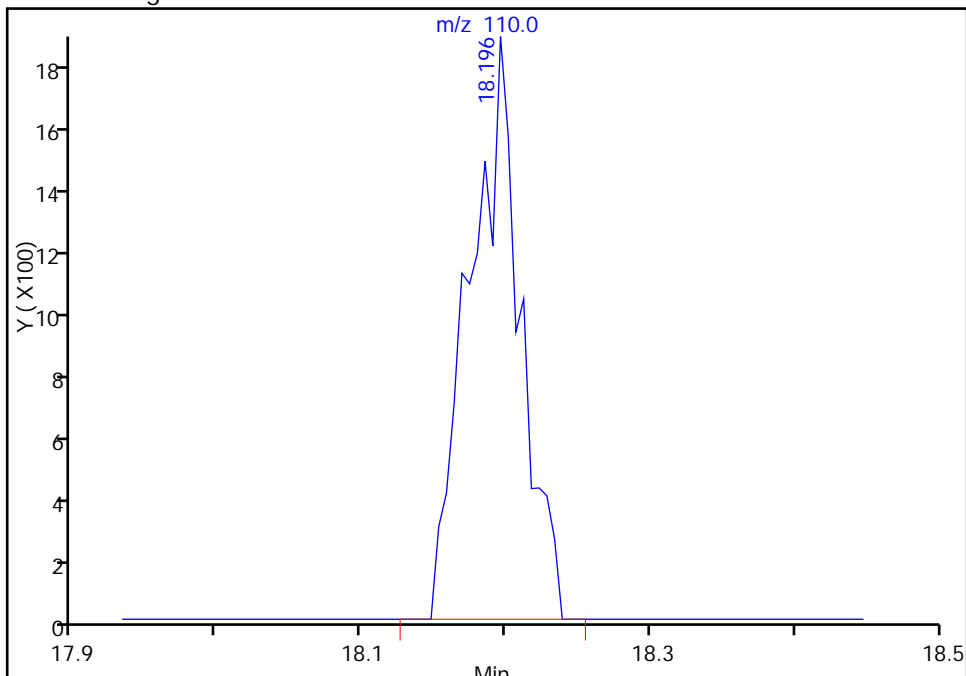
Processing Integration Results

RT: 18.19
Response: 1574
Amount: 0.178080



Manual Integration Results

RT: 18.20
Response: 4572
Amount: 0.158043



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

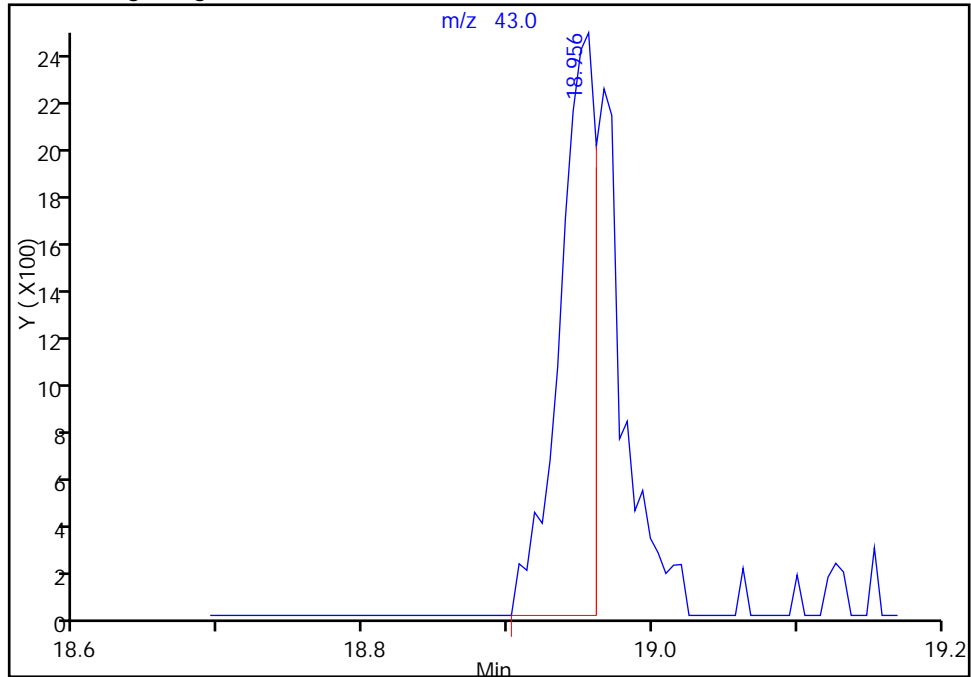
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

73 2-Hexanone, CAS: 591-78-6

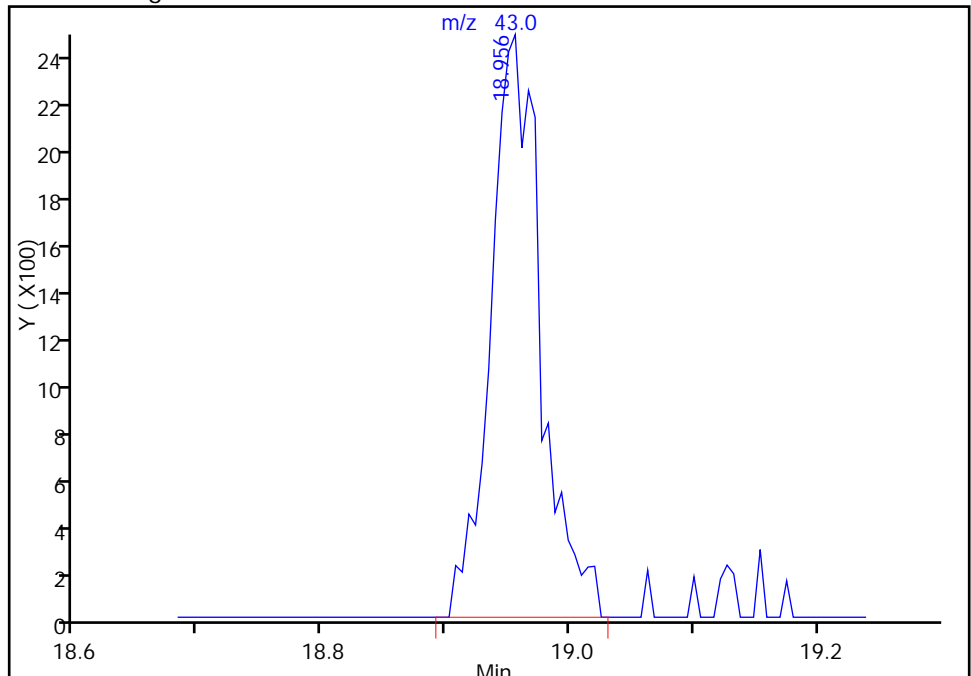
RT: 18.96
Response: 4255
Amount: 0.075021

Processing Integration Results



RT: 18.96
Response: 6782
Amount: 0.094869

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

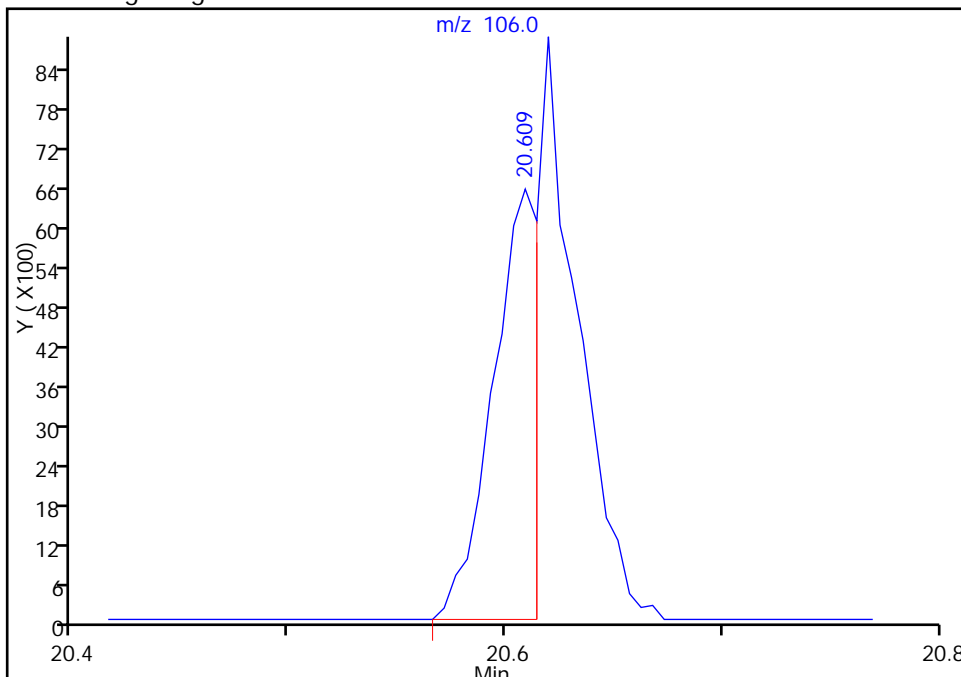
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

78 Ethylbenzene, CAS: 100-41-4

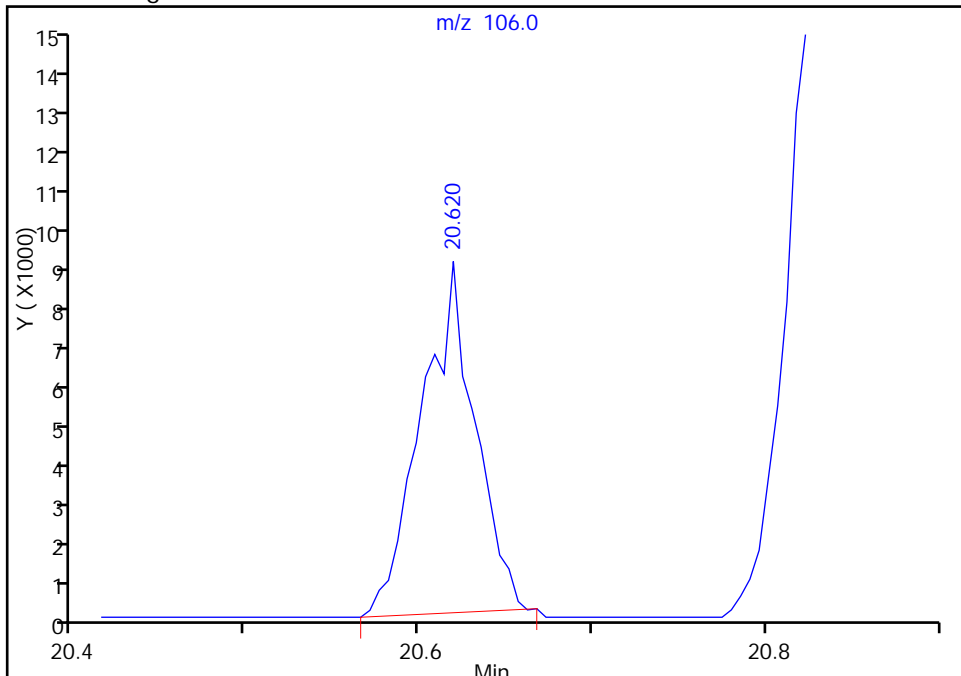
RT: 20.61
Response: 9639
Amount: 0.221726

Processing Integration Results



RT: 20.62
Response: 18809
Amount: 0.198213

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

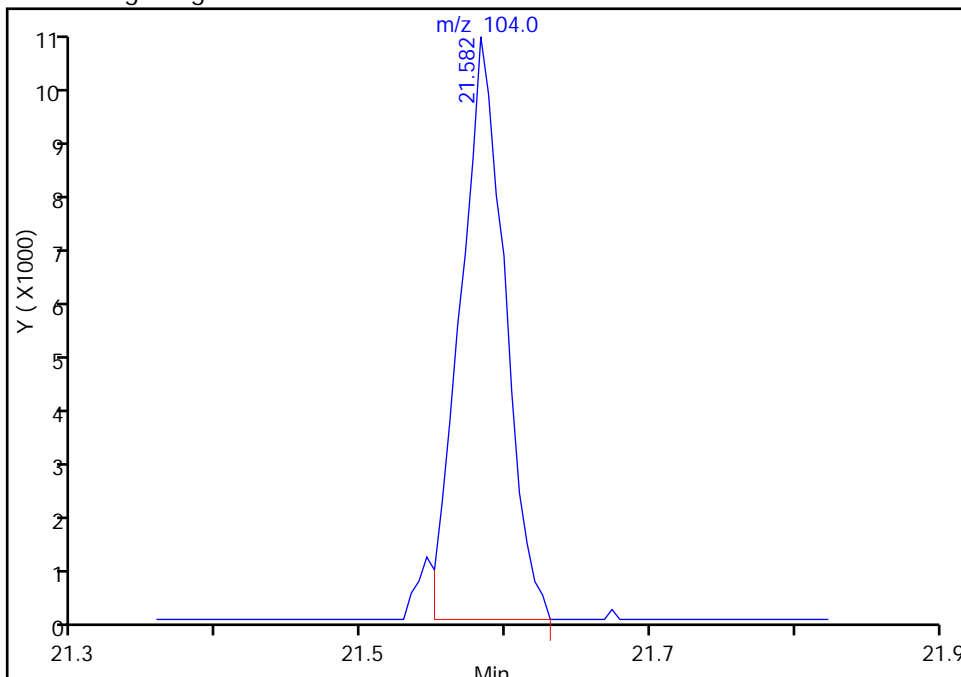
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

84 Styrene, CAS: 100-42-5

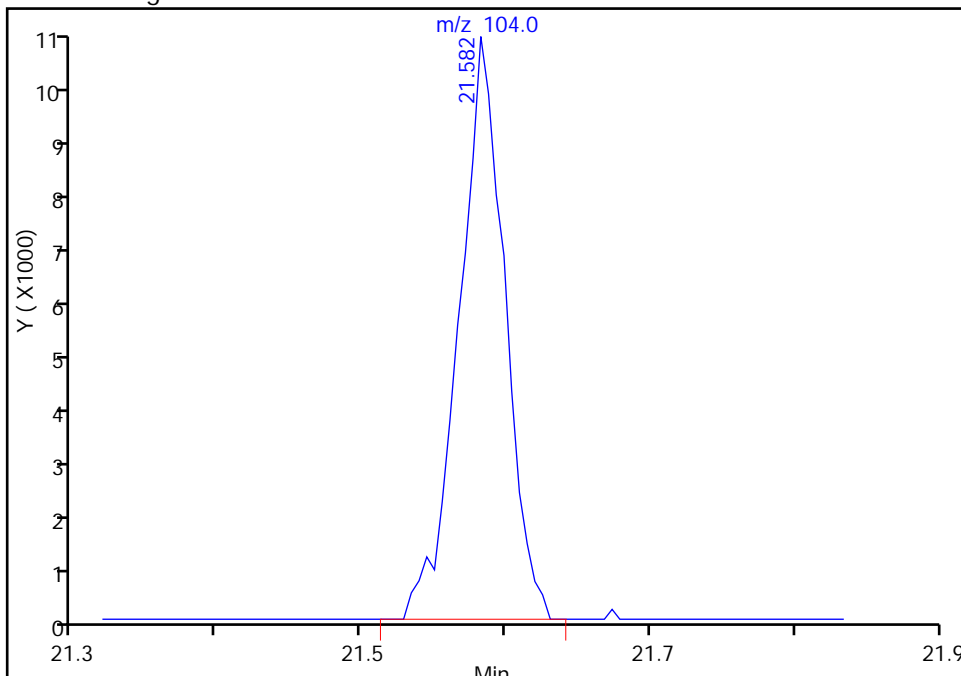
RT: 21.58
Response: 22156
Amount: 0.150275

Processing Integration Results



RT: 21.58
Response: 22885
Amount: 0.136574

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

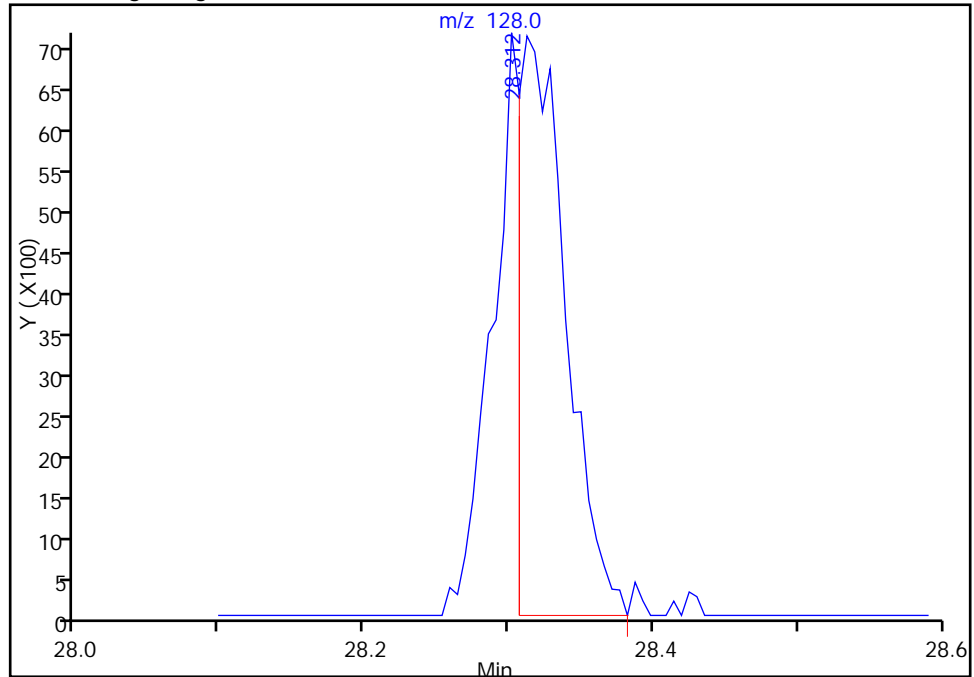
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_005.d
Injection Date: 11-Feb-2014 20:02:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID:
Client ID:
Operator ID: PAD ALS Bottle#: 2 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

109 Naphthalene, CAS: 91-20-3

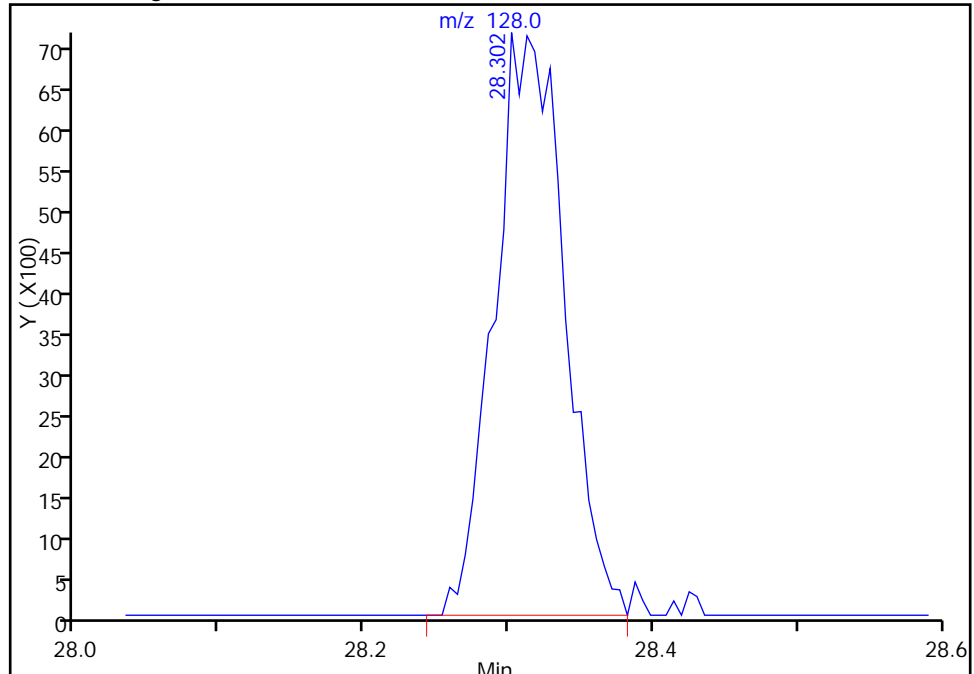
RT: 28.31
Response: 16278
Amount: 0.084564

Processing Integration Results



RT: 28.30
Response: 24028
Amount: 0.099013

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:18:25
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
 Lims ID: IC Lab Sample ID: Client 200-66936/5-A
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Feb-2014 20:50:30 ALS Bottle#: 3 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-006
 Misc. Info.: IC 03
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:29 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:15:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.389	4.383	0.006	94	17418	0.5771	
2 Dichlorodifluoromethane	85	4.474	4.479	-0.005	98	123434	0.5903	
6 Chlorodifluoromethane	51	4.544	4.544	0.0	70	45396	0.5731	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.833	4.832	0.001	85	98986	0.5551	
8 Chloromethane	50	5.025	5.025	0.0	99	20727	0.5758	
9 Butane	43	5.293	5.287	0.006	94	30101	0.5161	
10 Vinyl chloride	62	5.346	5.346	0.0	92	24999	0.4827	
11 Butadiene	54	5.437	5.442	-0.005	88	14783	0.4640	
13 BFB								
12 Bromomethane	94	6.309	6.314	-0.005	92	27701	0.5172	
14 Chloroethane	64	6.598	6.598	0.0	94	15205	0.5517	
15 2-Methylbutane	43	6.694	6.678	0.016	82	21929	0.4927	
16 Vinyl bromide	106	7.074	7.079	-0.005	94	34512	0.4835	
17 Trichlorofluoromethane	101	7.197	7.192	0.005	95	127882	0.5456	
18 Pentane	43	7.352	7.357	-0.005	87	27914	0.4475	
19 Ethanol	45	7.802	7.796	0.006	97	66654	5.10	
21 Ethyl ether	59	7.941	7.941	0.0	87	15093	0.4624	
22 Acrolein	56	8.417	8.406	0.011	46	7793	0.5681	M
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.444	8.443	0.001	90	79395	0.5413	
24 1,1-Dichloroethene	96	8.524	8.518	0.006	85	30544	0.4835	
25 Acetone	43	8.759	8.748	0.011	87	148057	2.23	
26 Carbon disulfide	76	9.000	9.000	0.0	98	76631	0.5266	
27 Isopropyl alcohol	45	9.043	9.032	0.011	90	27582	0.4959	
29 3-Chloro-1-propene	41	9.412	9.406	0.006	79	17007	0.3785	
30 Acetonitrile	41	9.551	9.535	0.016	96	12533	0.5151	
31 Methylene Chloride	49	9.744	9.733	0.011	73	28417	0.6147	
32 2-Methyl-2-propanol	59	9.909	9.904	0.005	94	37886	0.3754	
33 Methyl tert-butyl ether	73	10.177	10.161	0.016	96	64978	0.3885	
S 41 1,2-Dichloroethene, Total	61				0		0.9863	
34 trans-1,2-Dichloroethene	61	10.230	10.236	-0.006	91	38176	0.5012	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	35			10.396	10.385	0.011	91	12951	0.4572	M
	36			10.658	10.653	0.005	84	26195	0.4093	
	37			11.199	11.199	0.0	94	50341	0.4911	
	38			11.236	11.236	0.0	97	33466	0.3514	
	39			12.381	12.375	0.006	83	32364	0.4850	M
	40			12.402	12.392	0.010	100	16509	0.5873	
	42			12.419	12.413	0.005	92	2650	0.4849	
	44			12.863	12.846	0.017	30	17090	0.4161	
*	43			12.857	12.852	0.005	68	457214	10.0	
	45			12.964	12.964	0.0	93	82871	0.5409	
	46			13.264	13.264	0.0	71	33475	0.4224	
	47			13.274	13.280	-0.006	93	92001	0.5077	
	48			13.526	13.531	-0.005	97	101161	0.4888	
	51			13.927	13.927	0.0	96	82834	0.3924	
	50			13.986	13.986	0.0	93	98915	0.5229	
	52			14.146	14.141	0.005	98	47698	0.4982	
	53			14.286	14.275	0.011	77	26991	0.4095	
*	54			14.746	14.745	0.001	92	2170848	10.0	
A	57			14.769	6.668 -	22.871	0	13003444	0	
	55			15.045	15.024	0.021	89	6839	0.2913	
	56			15.211	15.211	0.0	90	47767	0.4905	
	58			15.735	15.730	0.005	83	28669	0.4975	
	59			15.816	15.815	0.001	76	23159	0.3877	
	60			15.923	15.901	0.022	79	12644	0.3818	
	61			15.971	15.970	0.001	87	62781	0.5256	
	62			16.222	16.222	0.0	94	83907	0.5032	
A	63			16.631	4.373 -	28.889	0	22022390	139.9	
	64			17.089	17.083	0.006	87	34655	0.3675	
	65			17.324	17.324	0.0	93	31716	0.3434	
A	68			17.656	17.606 -	17.706	0	513321	NC	
	69			17.656	17.656	0.0	70	37852	0.4334	
	66			17.661	17.661	0.0	93	73260	0.5265	
A	67			17.661	17.621 -	17.701	0	513321	NC	
	70			18.185	18.191	-0.006	93	44645	0.4126	
	71			18.560	18.560	0.0	89	35957	0.5182	M
	72			18.694	18.699	-0.005	90	88985	0.5139	
	73			18.956	18.950	0.006	90	21708	0.2771	
	74			19.314	19.314	0.0	96	93585	0.4856	
	75			19.598	19.603	-0.005	98	66106	0.4696	
S	82			106			0		1.49	
*	76			20.443	20.443	0.0	83	1918800	10.0	
	77			20.497	20.502	-0.005	58	129862	0.5579	
	78			20.614	20.614	0.0	94	155744	0.4790	
	79			20.678	20.673	0.005	76	53782	0.4957	
	80			20.834	20.833	0.001	100	139833	1.07	
	83			21.550	21.545	0.005	94	52242	0.4221	
	84			21.588	21.582	0.006	95	77369	0.4213	
	85			21.957	21.962	-0.005	99	92486	0.4772	
	86			22.112	22.112	0.0	95	172015	0.4520	
\$	87			22.444	22.444	0.0	97	1305509	NC	
	88			22.669	22.668	0.001	90	103396	0.5483	
	90			22.743	22.743	0.0	99	219094	0.4948	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	87	83276	0.5739	
93	n-Decane		57	22.856	22.861	-0.005	81	72633	0.4783	
91	4-Ethyltoluene		105	22.915	22.909	0.006	96	226925	0.5357	
92	2-Chlorotoluene		91	22.941	22.946	-0.005	85	201834	0.5449	
94	1,3,5-Trimethylbenzene		105	23.000	23.005	-0.005	92	208827	0.5327	
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	91	53663	0.3285	
96	tert-Butylbenzene		119	23.476	23.481	-0.005	91	204550	0.5372	
97	1,2,4-Trimethylbenzene		105	23.573	23.572	0.001	96	192945	0.5157	
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	274870	0.5331	
99	4-Isopropyltoluene		119	24.017	24.011	0.006	88	228988	0.5050	
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	98	143765	0.5272	
101	1,4-Dichlorobenzene		146	24.220	24.225	-0.005	97	120110	0.4732	
102	Benzyl chloride		91	24.434	24.434	0.0	98	70400	0.3088	
104	Undecane		57	24.632	24.626	0.006	84	60243	0.3912	
103	n-Butylbenzene		91	24.648	24.653	-0.005	96	183834	0.5345	
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	98	136043	0.5125	
106	Dodecane		57	26.435	26.434	0.001	75	6657	0.0661	M
107	1,2,4-Trichlorobenzene		180	27.735	27.724	0.011	82	40734	0.2987	
108	Hexachlorobutadiene		225	27.927	27.927	0.0	94	117807	0.5462	
109	Naphthalene		128	28.323	28.312	0.011	81	47038	0.1769	M
110	1,2,3-Trichlorobenzene		180	28.880	28.879	0.001	90	35855	0.2822	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d

Injection Date: 11-Feb-2014 20:50:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID: Client 200-66936/5-A

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

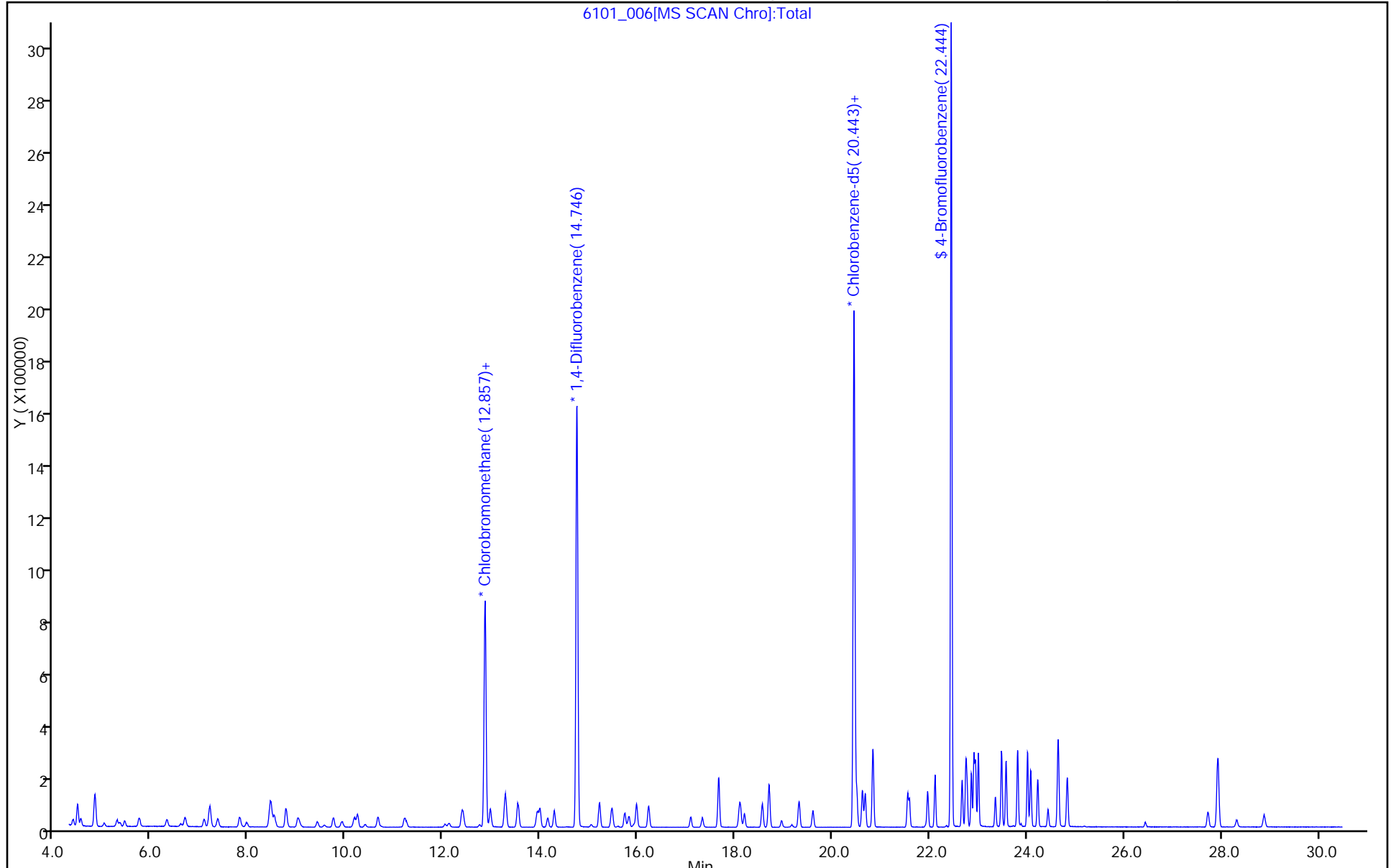
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



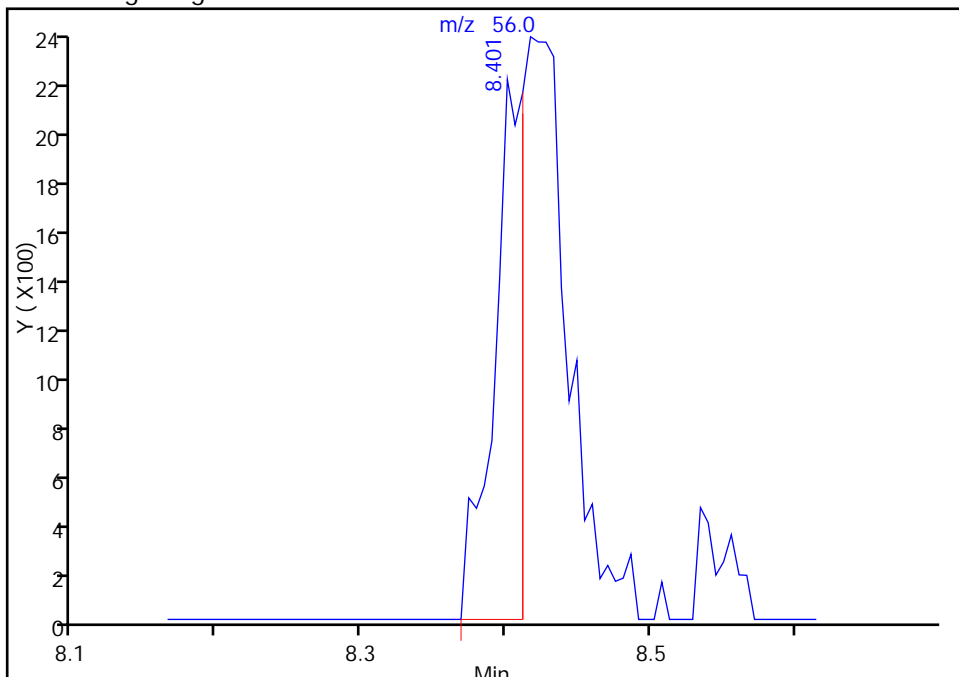
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

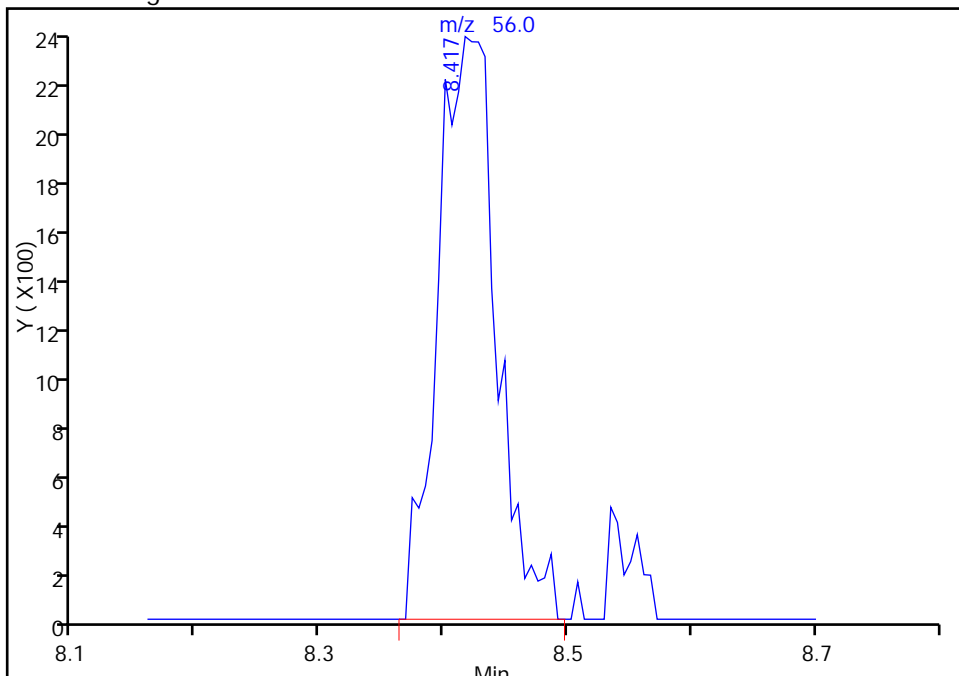
RT: 8.40
Response: 3173
Amount: 0.272238

Processing Integration Results



RT: 8.42
Response: 7793
Amount: 0.568096

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

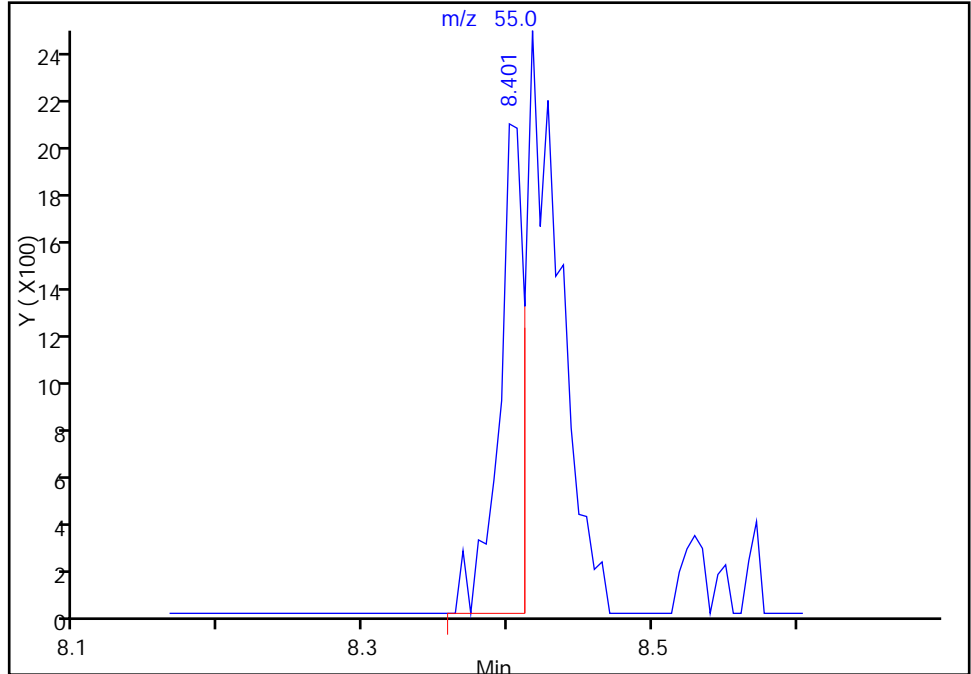
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

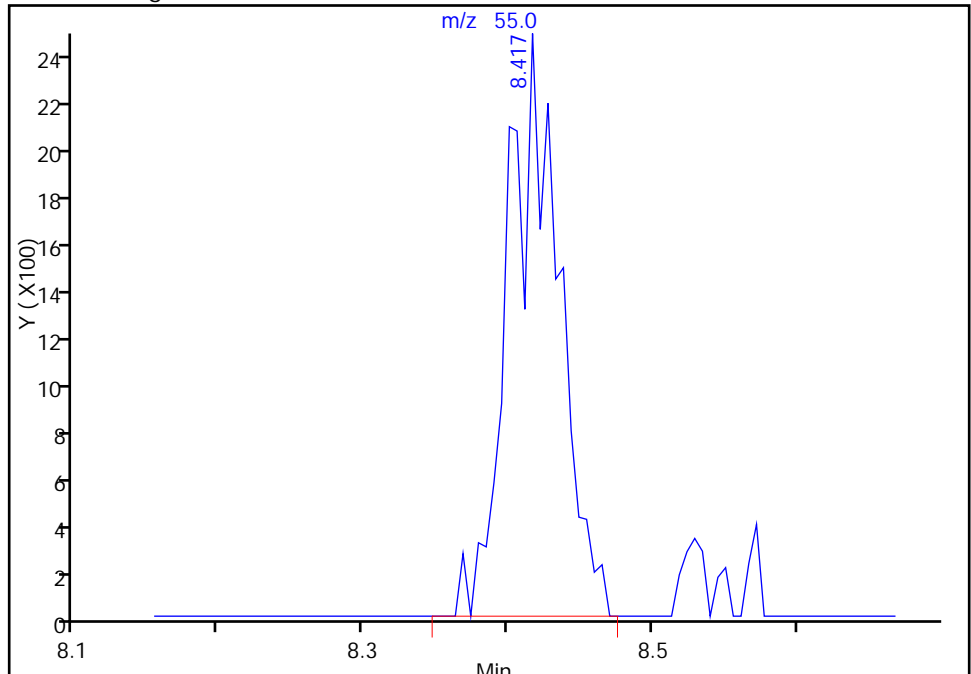
RT: 8.40
Response: 2436
Amount: 0.272238

Processing Integration Results



RT: 8.42
Response: 5952
Amount: 0.568096

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

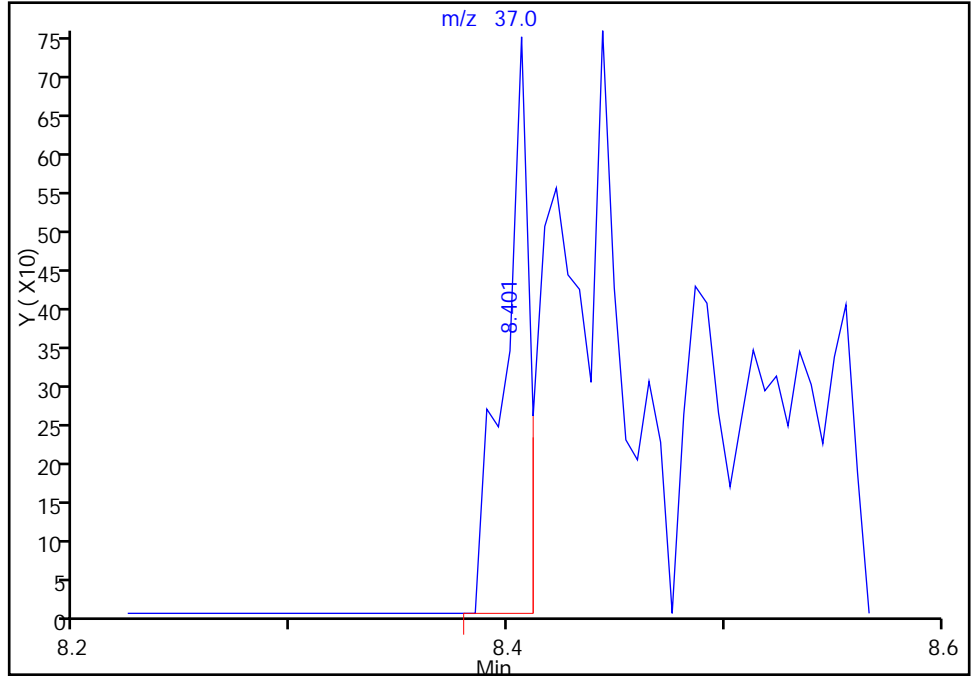
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Acrolein, CAS: 107-02-8

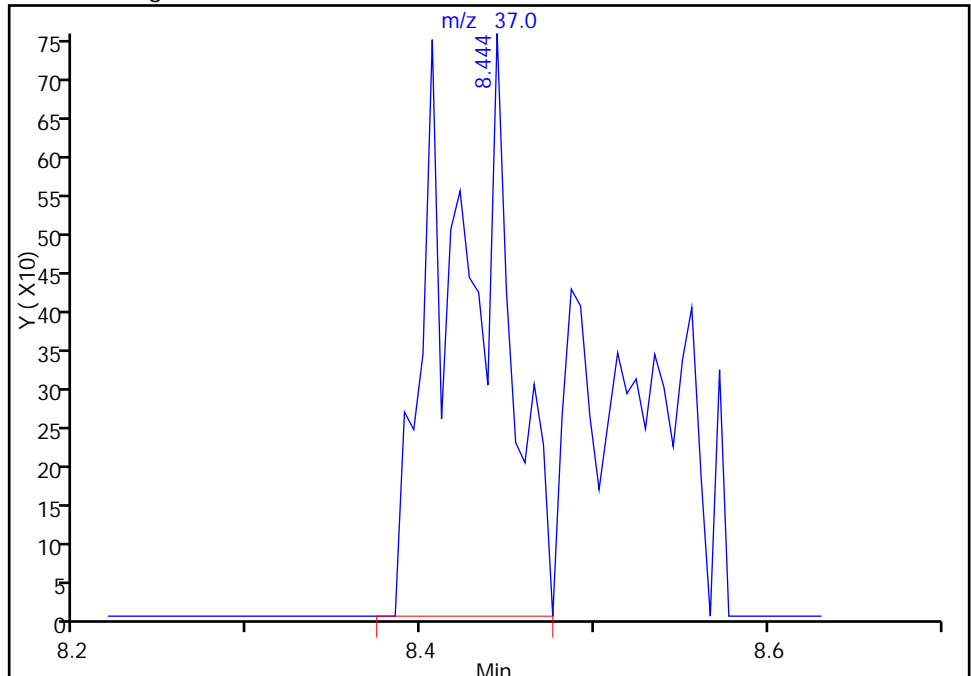
RT: 8.40
Response: 597
Amount: 0.272238

Processing Integration Results



RT: 8.44
Response: 1995
Amount: 0.568096

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

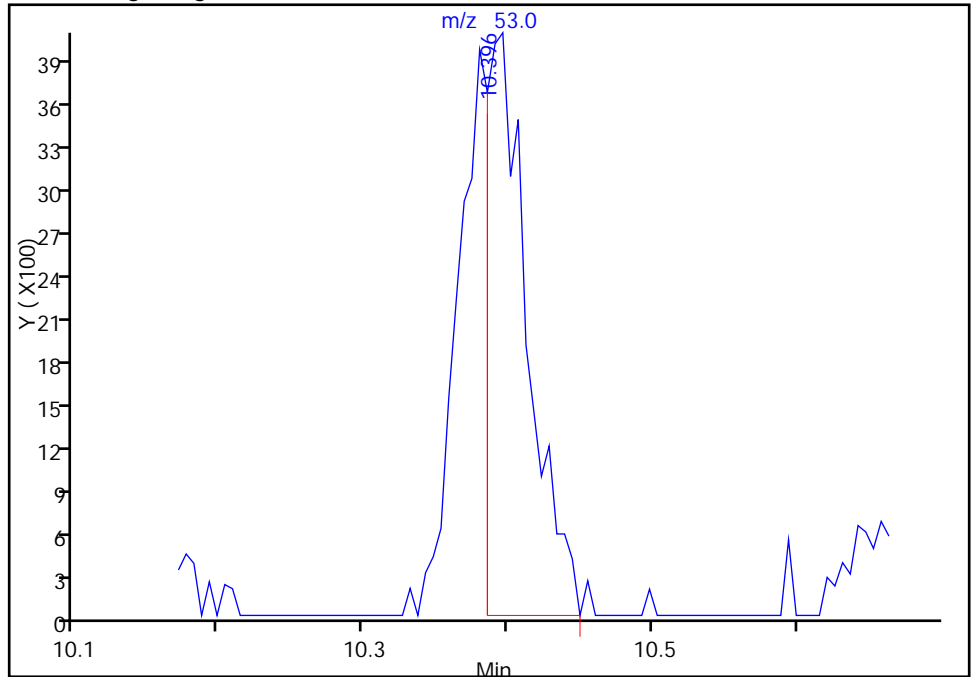
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

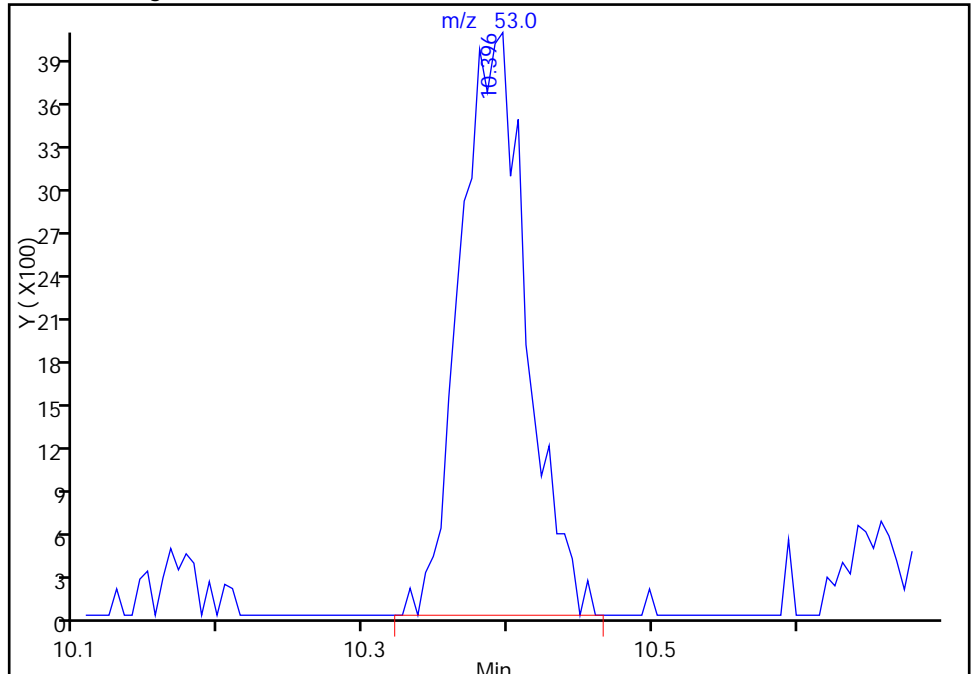
RT: 10.40
Response: 8048
Amount: 0.360017

Processing Integration Results



RT: 10.40
Response: 12951
Amount: 0.457169

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

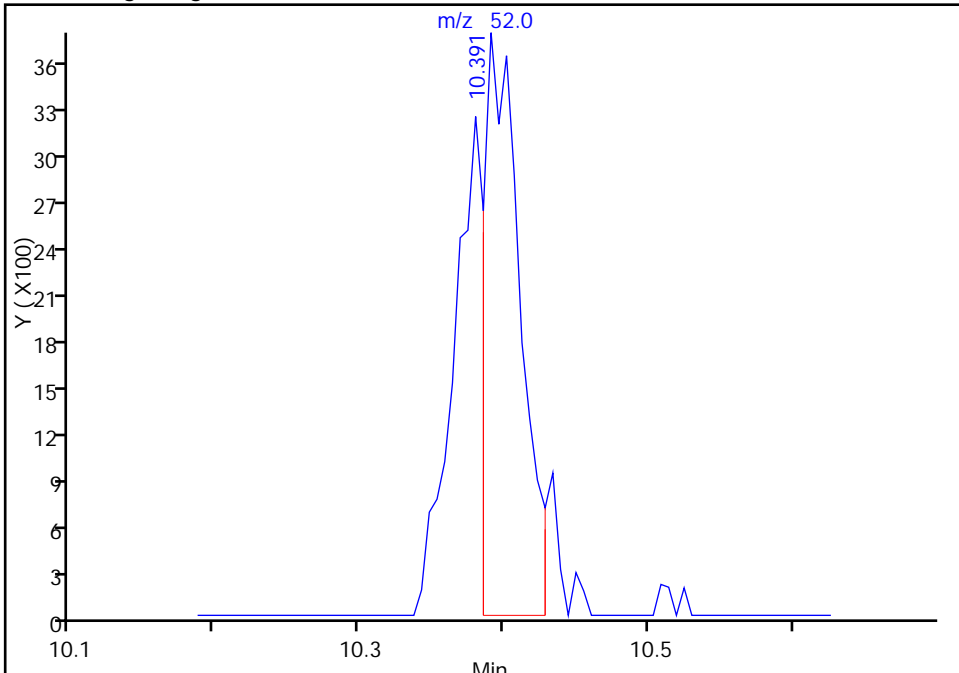
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

35 Acrylonitrile, CAS: 107-13-1

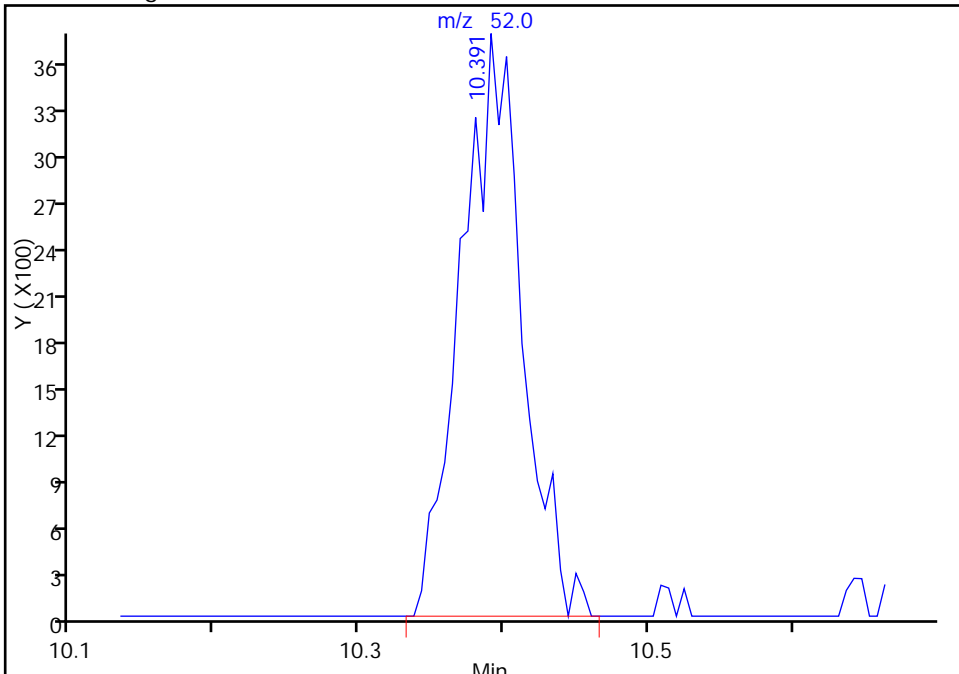
RT: 10.39
Response: 6522
Amount: 0.360017

Processing Integration Results



RT: 10.39
Response: 10912
Amount: 0.457169

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

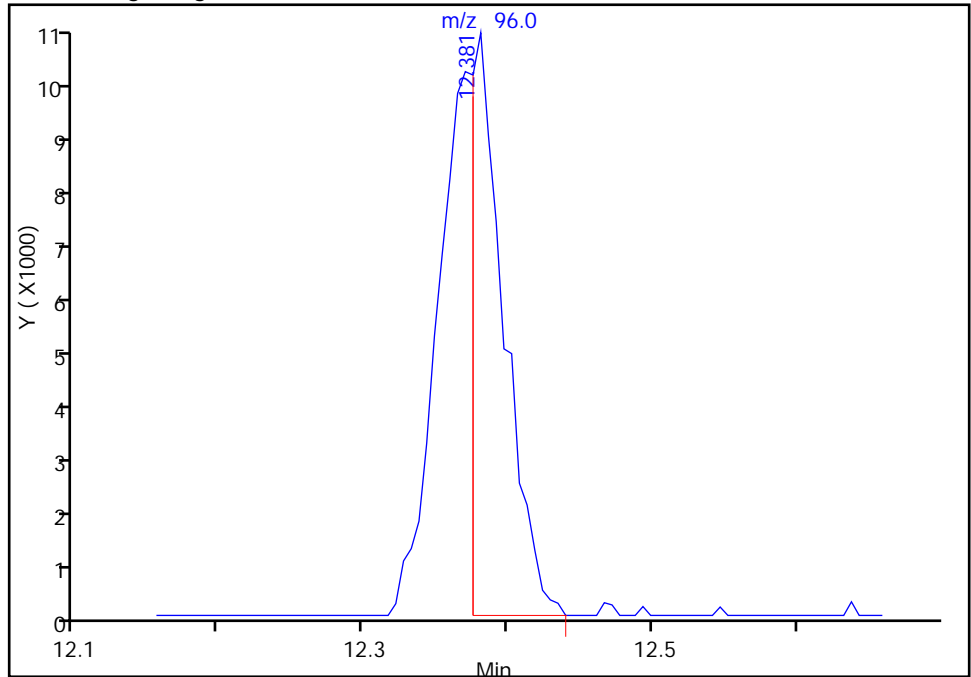
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

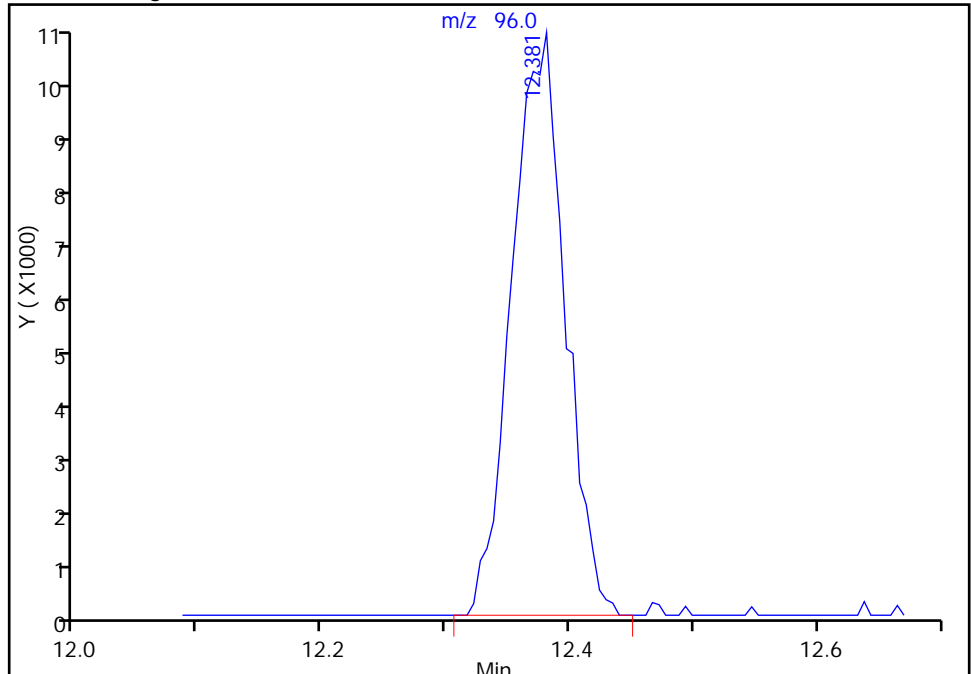
RT: 12.38
Response: 17205
Amount: 0.310272

Processing Integration Results



RT: 12.38
Response: 32364
Amount: 0.485050

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

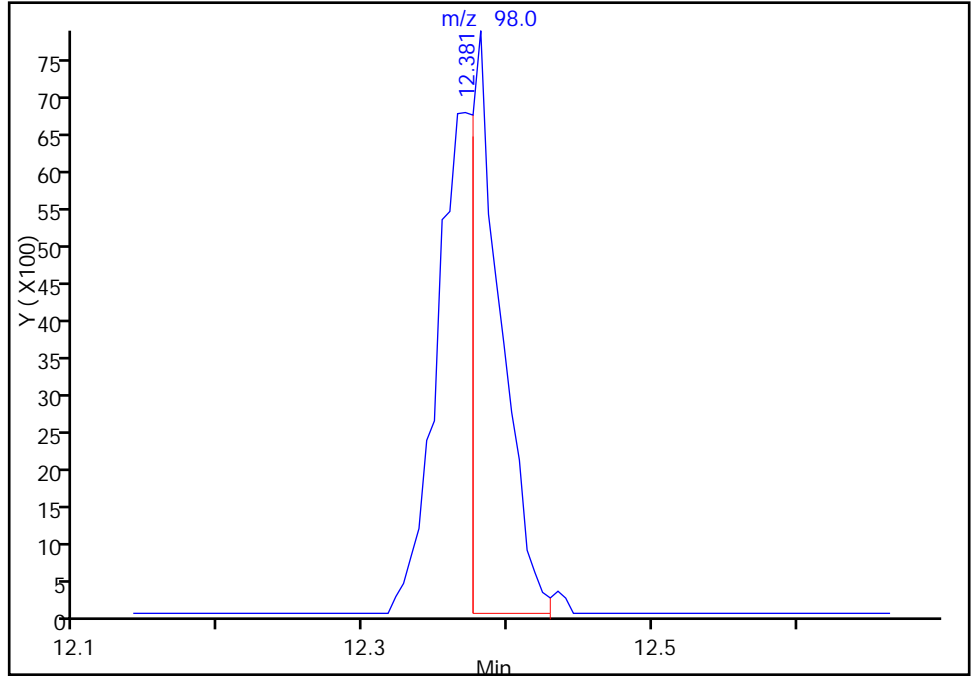
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

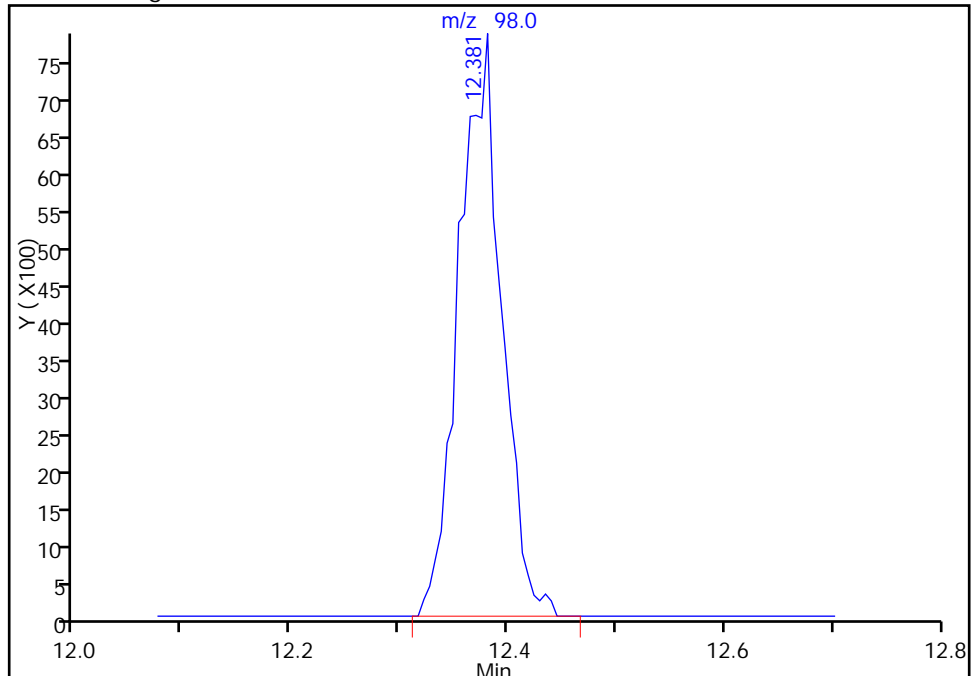
RT: 12.38
Response: 11077
Amount: 0.310272

Processing Integration Results



RT: 12.38
Response: 21340
Amount: 0.485050

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

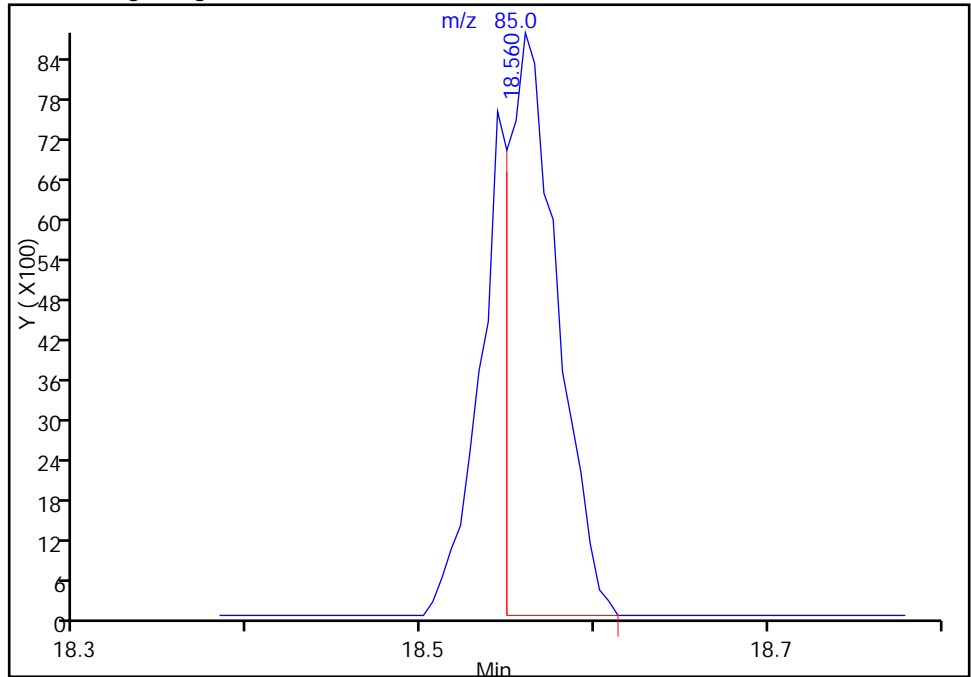
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

71 1,1,2-Trichloroethane, CAS: 79-00-5

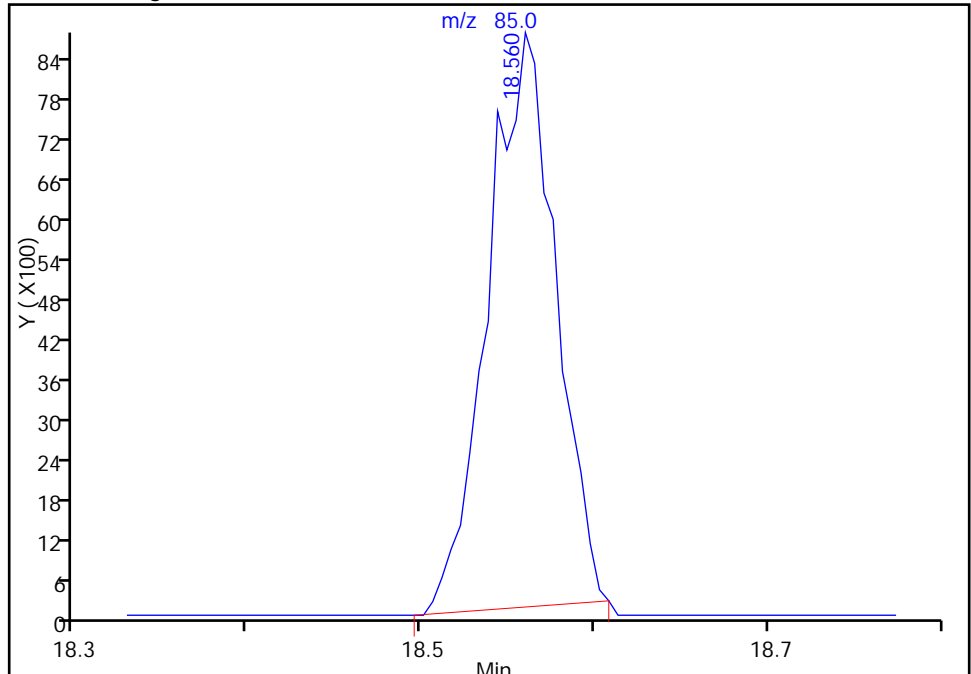
RT: 18.56
Response: 17428
Amount: 0.518244

Processing Integration Results



RT: 18.56
Response: 23492
Amount: 0.518244

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

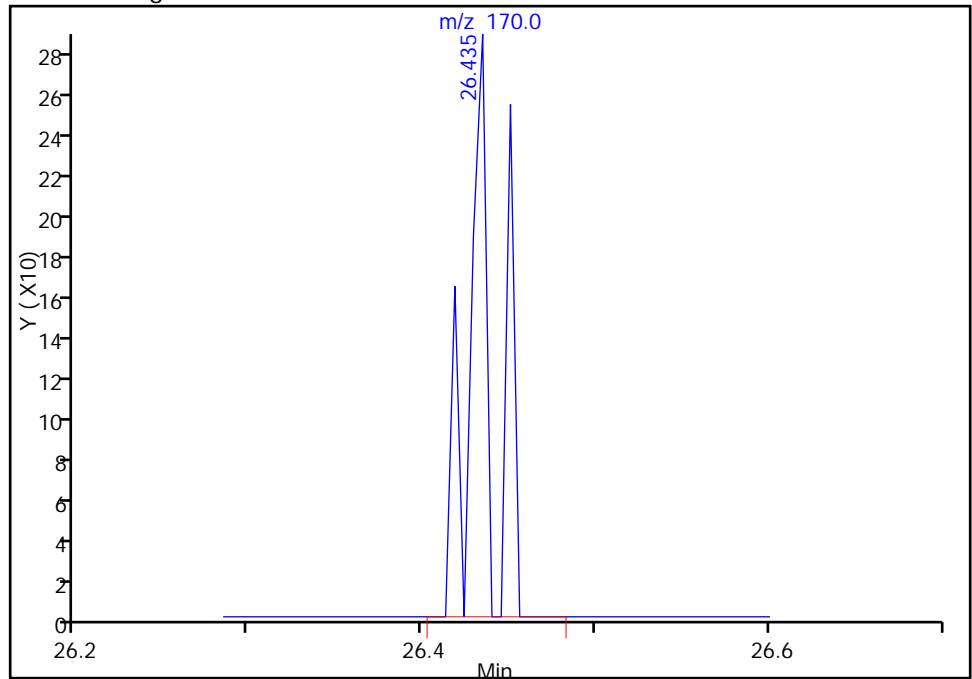
106 Dodecane, CAS: 112-40-3

Processing Integration Results

RT: 26.43
Response: 0
Amount: 0.085352

RT: 26.43
Response: 280
Amount: 0.066066

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

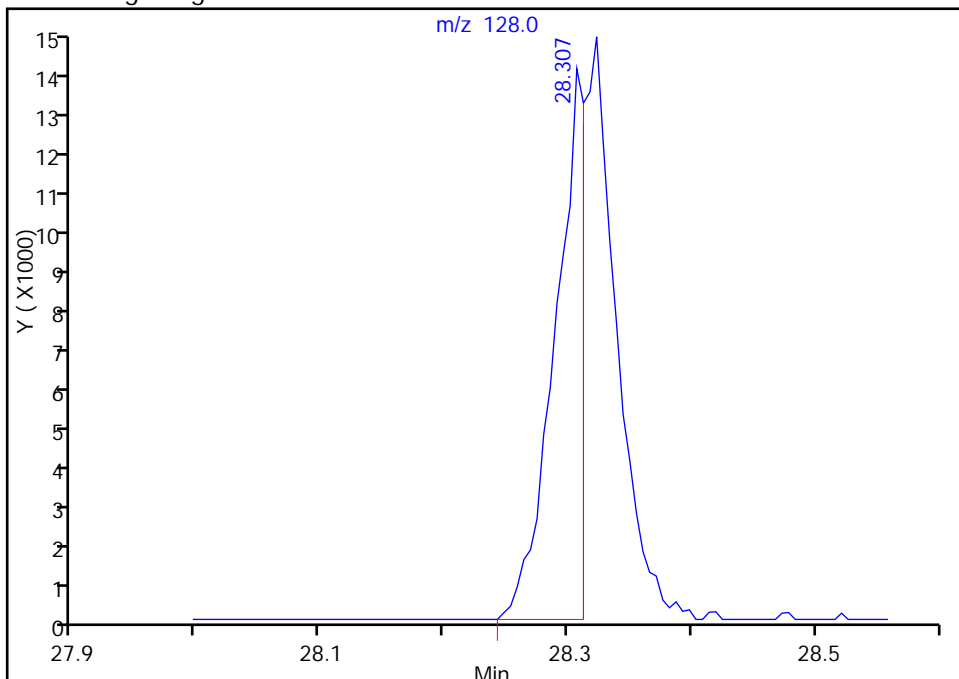
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_006.d
Injection Date: 11-Feb-2014 20:50:30 Instrument ID: CHW.i
Lims ID: IC Lab Sample ID: Client 200-66936/5-A
Client ID:
Operator ID: PAD ALS Bottle#: 3 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

109 Naphthalene, CAS: 91-20-3

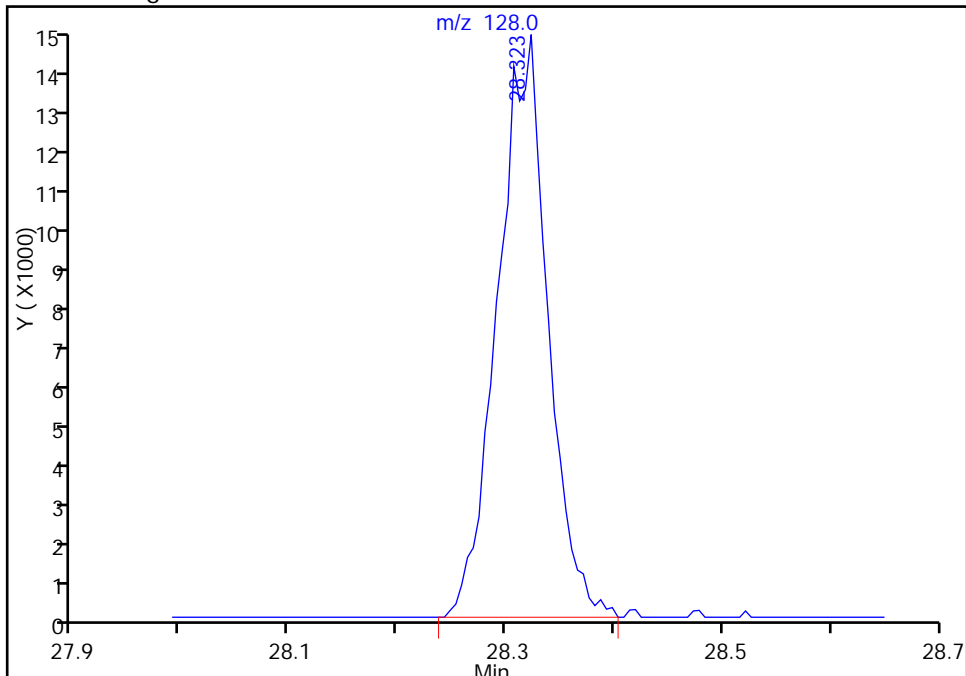
RT: 28.31
Response: 23142
Amount: 0.112900

Processing Integration Results



RT: 28.32
Response: 47038
Amount: 0.176876

Manual Integration Results



Reviewer: lyonsb, 12-Feb-2014 09:15:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_007.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Feb-2014 21:39:30 ALS Bottle#: 4 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-007
 Misc. Info.: IC 04
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:30 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:14:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.372	4.383	-0.011	97	171162	5.33	
2 Dichlorodifluoromethane	85	4.463	4.479	-0.016	99	1220565	5.48	
6 Chlorodifluoromethane	51	4.533	4.544	-0.011	74	450035	5.34	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.822	4.832	-0.010	87	981010	5.17	
8 Chloromethane	50	5.014	5.025	-0.011	100	203833	5.32	
9 Butane	43	5.276	5.287	-0.011	95	318783	5.13	
10 Vinyl chloride	62	5.335	5.346	-0.011	97	269168	4.88	
11 Butadiene	54	5.437	5.442	-0.005	93	174832	5.15	
13 BFB								
12 Bromomethane	94	6.309	6.314	-0.005	98	289016	5.07	
14 Chloroethane	64	6.592	6.598	-0.006	99	152598	5.20	
15 2-Methylbutane	43	6.678	6.678	0.0	86	236416	4.99	
16 Vinyl bromide	106	7.069	7.079	-0.010	97	392846	5.17	
17 Trichlorofluoromethane	101	7.186	7.192	-0.006	98	1279646	5.13	
18 Pentane	43	7.352	7.357	-0.005	92	352418	5.31	
19 Ethanol	45	7.807	7.796	0.011	99	131994	9.48	
21 Ethyl ether	59	7.941	7.941	0.0	90	183849	5.29	
22 Acrolein	56	8.411	8.406	0.005	97	76637	5.25	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.438	8.443	-0.005	94	808116	5.17	
24 1,1-Dichloroethene	96	8.513	8.518	-0.005	95	354054	5.26	
25 Acetone	43	8.748	8.748	0.0	87	391667	5.54	
26 Carbon disulfide	76	8.994	9.000	-0.006	98	831075	5.36	
27 Isopropyl alcohol	45	9.032	9.032	0.0	96	316558	5.34	
29 3-Chloro-1-propene	41	9.406	9.406	0.0	82	252541	5.28	
30 Acetonitrile	41	9.535	9.535	0.0	98	142489	5.50	
31 Methylene Chloride	49	9.727	9.733	-0.006	79	257469	5.23	
32 2-Methyl-2-propanol	59	9.909	9.904	0.005	99	535129	4.98	
33 Methyl tert-butyl ether	73	10.155	10.161	-0.006	95	980616	5.51	
S 41 1,2-Dichloroethene, Total	61				0		10.8	
34 trans-1,2-Dichloroethene	61	10.230	10.236	-0.006	89	433458	5.34	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.385	10.385	0.0	92	159777	5.30
	36			10.642	10.653	-0.011	89	385941	5.66
	37			11.204	11.199	0.005	99	539837	4.95
	38			11.236	11.236	0.0	98	542530	5.35
	39			12.370	12.375	-0.005	96	386761	5.44
	40			12.392	12.392	0.0	99	154286	5.15
	42			12.408	12.413	-0.005	98	30878	5.31
	44			12.846	12.846	0.0	69	222914	5.27
*	43			12.857	12.852	0.005	69	486864	10.0
	45			12.964	12.964	0.0	99	839011	5.14
	46			13.264	13.264	0.0	82	469748	5.75
	47			13.280	13.280	0.0	94	987246	5.29
	48			13.531	13.531	0.0	98	1073132	5.03
	51			13.932	13.927	0.005	97	1284681	5.91
	50			13.986	13.986	0.0	93	1074151	5.51
	52			14.146	14.141	0.005	99	515799	5.23
	53			14.280	14.275	0.005	81	404843	5.96
*	54			14.745	14.745	0.0	92	2237364	10.0
A	57			14.769	6.668 - 22.871		0	148428451	0
	55			15.029	15.024	0.005	86	109119	4.51
	56			15.211	15.211	0.0	95	548439	5.46
	58			15.730	15.730	0.0	84	315796	5.32
	59			15.815	15.815	0.0	77	334014	5.43
	60			15.901	15.901	0.0	84	196887	5.77
	61			15.971	15.970	0.0	88	673103	5.47
	62			16.222	16.222	0.0	98	924191	5.38
A	63			16.631	4.373 - 28.889		0	264356361	1629.3
	64			17.089	17.083	0.006	90	545437	5.61
	65			17.324	17.324	0.0	91	535897	5.63
A	68			17.656	17.606 -17.706		0	6299768	NC
	69			17.661	17.656	0.005	72	579055	6.43
	66			17.661	17.661	0.0	93	882590	5.92
A	67			17.661	17.621 -17.701		0	6299768	NC
	70			18.191	18.191	0.0	95	619426	5.55
	71			18.560	18.560	0.0	92	399446	5.38
	72			18.699	18.699	0.0	97	1020413	5.50
	73			18.950	18.950	0.0	91	443501	5.29
	74			19.314	19.314	0.0	97	1138452	5.52
	75			19.598	19.603	-0.005	98	829518	5.50
S	82			106			0		18.2
*	76			20.448	20.443	0.005	82	2054549	10.0
	77			20.502	20.502	0.0	96	1330706	5.34
	78			20.614	20.614	0.0	95	2028333	5.83
	79			20.673	20.673	0.0	78	696553	6.00
	80			20.833	20.833	0.0	100	1675100	11.9
	83			21.545	21.545	0.0	94	826439	6.24
	84			21.582	21.582	0.0	96	1240344	6.31
	85			21.962	21.962	0.0	99	1186666	5.72
	86			22.107	22.112	-0.005	95	2596374	6.37
\$	87			22.444	22.444	0.0	97	1475263	NC
	88			22.668	22.668	0.0	95	1112645	5.51
	90			22.743	22.743	0.0	99	2968983	6.26

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	86	882232	5.68
93	n-Decane		57	22.856	22.861	-0.005	82	992488	6.10
91	4-Ethyltoluene		105	22.909	22.909	0.0	96	2744394	6.05
92	2-Chlorotoluene		91	22.941	22.946	-0.005	93	2311137	5.83
94	1,3,5-Trimethylbenzene		105	23.000	23.005	-0.005	92	2501007	5.96
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	89	1135811	6.49
96	tert-Butylbenzene		119	23.476	23.481	-0.005	93	2538938	6.23
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	96	2503522	6.25
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	3515887	6.37
99	4-Isopropyltoluene		119	24.011	24.011	0.0	95	3130978	6.45
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	98	1675063	5.74
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	1579835	5.81
102	Benzyl chloride		91	24.434	24.434	0.0	100	1396458	5.72
104	Undecane		57	24.632	24.626	0.006	88	1039378	6.30
103	n-Butylbenzene		91	24.648	24.653	-0.005	97	2306191	6.26
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	98	1648253	5.80
106	Dodecane		57	26.435	26.434	0.001	89	643320	5.96
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	93	776311	5.32
108	Hexachlorobutadiene		225	27.927	27.927	0.0	95	1379928	5.98
109	Naphthalene		128	28.312	28.312	0.0	99	1507181	5.29
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	96	837537	6.16

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_007.d

Injection Date: 11-Feb-2014 21:39:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

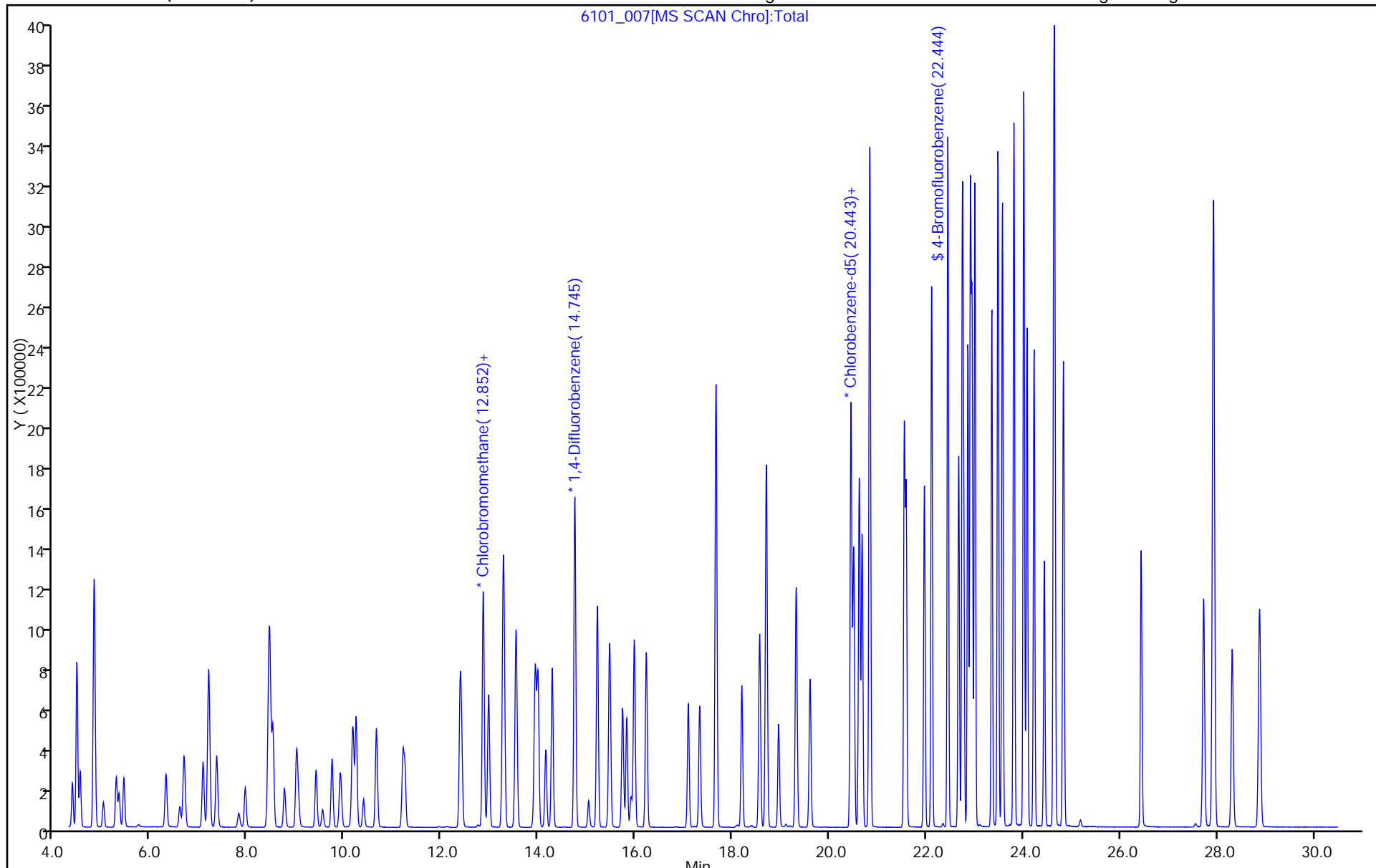
ALS Bottle#: 4

Method: TO15_LL NJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_008.d
 Lims ID: ICIS Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 11-Feb-2014 22:30:30 ALS Bottle#: 5 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-008
 Misc. Info.: ICIS 05
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:32 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:11:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.383	4.383	0.0	97	343851	10.4	
2 Dichlorodifluoromethane	85	4.479	4.479	0.0	99	2378638	10.4	
6 Chlorodifluoromethane	51	4.544	4.544	0.0	93	899214	10.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.832	4.832	0.0	86	1945417	9.95	
8 Chloromethane	50	5.025	5.025	0.0	99	405869	10.3	
9 Butane	43	5.287	5.287	0.0	96	669296	10.5	
10 Vinyl chloride	62	5.346	5.346	0.0	97	540976	9.52	
11 Butadiene	54	5.442	5.442	0.0	94	355554	10.2	
13 BFB								
12 Bromomethane	94	6.314	6.314	0.0	98	560804	9.55	
14 Chloroethane	64	6.598	6.598	0.0	97	302251	10.0	
15 2-Methylbutane	43	6.678	6.678	0.0	86	482131	9.88	
16 Vinyl bromide	106	7.079	7.079	0.0	97	818236	10.5	
17 Trichlorofluoromethane	101	7.192	7.192	0.0	98	2528605	9.84	
18 Pentane	43	7.357	7.357	0.0	93	741782	10.8	
19 Ethanol	45	7.796	7.796	0.0	99	226444	15.8	
21 Ethyl ether	59	7.941	7.941	0.0	90	383629	10.7	
22 Acrolein	56	8.406	8.406	0.0	97	155867	10.4	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.443	8.443	0.0	93	1592514	9.90	
24 1,1-Dichloroethene	96	8.518	8.518	0.0	94	739217	10.7	
25 Acetone	43	8.748	8.748	0.0	87	750249	10.3	
26 Carbon disulfide	76	9.000	9.000	0.0	99	1626028	10.2	
27 Isopropyl alcohol	45	9.032	9.032	0.0	96	638753	10.5	
29 3-Chloro-1-propene	41	9.406	9.406	0.0	82	543129	11.0	
30 Acetonitrile	41	9.535	9.535	0.0	99	277223	10.4	
31 Methylene Chloride	49	9.733	9.733	0.0	80	505909	9.98	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	99	1146724	10.4	
33 Methyl tert-butyl ether	73	10.161	10.161	0.0	94	2031361	11.1	
S 41 1,2-Dichloroethene, Total	61				0		21.0	
34 trans-1,2-Dichloroethene	61	10.236	10.236	0.0	89	867076	10.4	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.385	10.385	0.0	95	326101	10.5
	36			10.653	10.653	0.0	89	788682	11.2
	37			11.199	11.199	0.0	99	1069009	9.51
	38			11.236	11.236	0.0	99	1146393	11.0
	39			12.375	12.375	0.0	96	774715	10.6
	40			12.392	12.392	0.0	99	313135	10.2
	42			12.413	12.413	0.0	99	61836	10.3
	44			12.846	12.846	0.0	84	457039	10.5
*	43			12.852	12.852	0.0	69	501508	10.0
	45			12.964	12.964	0.0	99	1649325	9.81
	46			13.264	13.264	0.0	83	957033	11.4
	47			13.280	13.280	0.0	95	1968604	10.2
	48			13.531	13.531	0.0	98	2161114	9.84
	51			13.927	13.927	0.0	97	2610676	11.7
	50			13.986	13.986	0.0	94	2086670	10.4
	52			14.141	14.141	0.0	99	1031280	10.1
	53			14.275	14.275	0.0	82	813077	11.6
*	54			14.745	14.745	0.0	93	2304289	10.0
A	57			14.769	6.668 - 22.871	0	293432317	0	
	55			15.024	15.024	0.0	85	273216	11.0
	56			15.211	15.211	0.0	96	1093818	10.6
	58			15.730	15.730	0.0	84	633574	10.4
	59			15.815	15.815	0.0	77	689745	10.9
	60			15.901	15.901	0.0	84	391865	11.1
	61			15.970	15.970	0.0	88	1293999	10.2
	62			16.222	16.222	0.0	98	1820765	10.3
A	63			16.631	4.373 - 28.889	0	508101519	3040.6	
	64			17.083	17.083	0.0	90	1150881	11.5
	65			17.324	17.324	0.0	90	1109388	11.3
A	68			17.656	17.606 - 17.706	0	11725978	NC	
	69			17.656	17.656	0.0	75	1086165	11.7
	66			17.661	17.661	0.0	93	1640930	10.7
A	67			17.661	17.621 - 17.701	0	11725978	NC	
	70			18.191	18.191	0.0	95	1285366	11.2
	71			18.560	18.560	0.0	92	772501	10.1
	72			18.699	18.699	0.0	98	1955557	10.3
	73			18.950	18.950	0.0	90	999194	11.6
	74			19.314	19.314	0.0	97	2243618	10.6
	75			19.603	19.603	0.0	99	1647907	10.6
S	82			106		0			32.8
*	76			20.443	20.443	0.0	77	2110792	10.0
	77			20.502	20.502	0.0	95	2507389	9.79
	78			20.614	20.614	0.0	96	3850088	10.8
	79			20.673	20.673	0.0	78	1317312	11.0
	80			20.833	20.833	0.0	100	3079468	21.3
	83			21.545	21.545	0.0	94	1565048	11.5
	84			21.582	21.582	0.0	95	2307779	11.4
	85			21.962	21.962	0.0	99	2310981	10.8
	86			22.112	22.112	0.0	95	4904975	11.7
\$	87			22.444	22.444	0.0	97	1509344	NC
	88			22.668	22.668	0.0	94	2110021	10.2
	90			22.743	22.743	0.0	99	5484899	11.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	86	1679144	10.5
93	n-Decane		57	22.861	22.861	0.0	82	1831550	11.0
91	4-Ethyltoluene		105	22.909	22.909	0.0	85	5051019	10.8
92	2-Chlorotoluene		91	22.946	22.946	0.0	90	4210305	10.3
94	1,3,5-Trimethylbenzene		105	23.005	23.005	0.0	92	4581558	10.6
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	89	2172262	12.1
96	tert-Butylbenzene		119	23.481	23.481	0.0	90	4623515	11.0
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	97	4494942	10.9
98	sec-Butylbenzene		105	23.808	23.808	0.0	98	6292317	11.1
99	4-Isopropyltoluene		119	24.011	24.011	0.0	82	5659873	11.3
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	97	2996936	10.0
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	2911165	10.4
102	Benzyl chloride		91	24.434	24.434	0.0	100	2879263	11.5
104	Undecane		57	24.626	24.626	0.0	88	1771437	10.5
103	n-Butylbenzene		91	24.653	24.653	0.0	97	4052857	10.7
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	98	2985364	10.2
106	Dodecane		57	26.434	26.434	0.0	90	1198806	10.8
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	92	1455819	9.70
108	Hexachlorobutadiene		225	27.927	27.927	0.0	95	2517277	10.6
109	Naphthalene		128	28.312	28.312	0.0	99	2874765	9.83
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	96	1579192	11.3

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_008.d

Injection Date: 11-Feb-2014 22:30:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: ICIS

Lab Sample ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

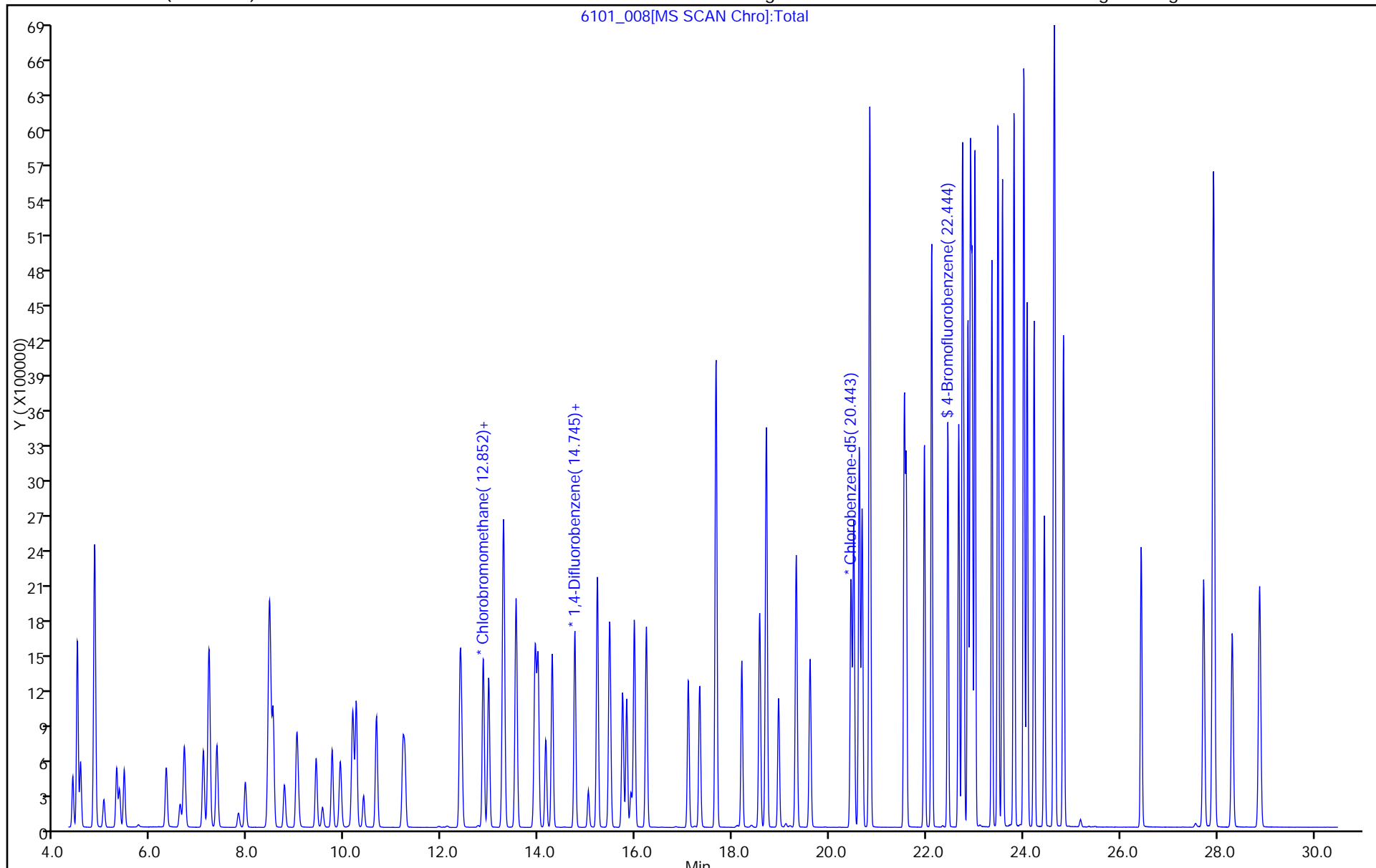
ALS Bottle#: 5

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_009.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Feb-2014 23:18:30 ALS Bottle#: 6 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-009
 Misc. Info.: IC 06
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2

Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:34 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:13:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.383	4.383	0.0	96	497717	14.3	
2 Dichlorodifluoromethane	85	4.474	4.479	-0.005	99	3454862	14.3	
6 Chlorodifluoromethane	51	4.543	4.544	-0.001	93	1313467	14.4	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.832	4.832	0.0	87	2820237	13.7	
8 Chloromethane	50	5.025	5.025	0.0	99	588133	14.2	
9 Butane	43	5.292	5.287	0.005	95	1011815	15.0	
10 Vinyl chloride	62	5.346	5.346	0.0	97	835769	14.0	
11 Butadiene	54	5.448	5.442	0.006	94	560716	15.3	
13 BFB								
12 Bromomethane	94	6.314	6.314	0.0	98	828778	13.4	
14 Chloroethane	64	6.598	6.598	0.0	99	457236	14.4	
15 2-Methylbutane	43	6.689	6.678	0.011	86	738402	14.4	
16 Vinyl bromide	106	7.079	7.079	0.0	96	1217044	14.8	
17 Trichlorofluoromethane	101	7.192	7.192	0.0	98	3703863	13.7	
18 Pentane	43	7.357	7.357	0.0	94	1108891	15.4	
19 Ethanol	45	7.812	7.796	0.016	100	308515	20.5	
21 Ethyl ether	59	7.946	7.941	0.005	90	581305	15.5	
22 Acrolein	56	8.411	8.406	0.005	96	237523	15.0	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.443	8.443	0.0	94	2306374	13.6	
24 1,1-Dichloroethene	96	8.518	8.518	0.0	95	1078004	14.8	
25 Acetone	43	8.754	8.748	0.006	87	1125892	14.7	
26 Carbon disulfide	76	9.005	9.000	0.005	99	2596279	15.5	
27 Isopropyl alcohol	45	9.043	9.032	0.011	97	961747	15.0	
29 3-Chloro-1-propene	41	9.406	9.406	0.0	81	829304	16.0	
30 Acetonitrile	41	9.545	9.535	0.010	98	411094	14.7	
31 Methylene Chloride	49	9.738	9.733	0.005	79	744018	14.0	
32 2-Methyl-2-propanol	59	9.915	9.904	0.011	98	1783773	15.3	
33 Methyl tert-butyl ether	73	10.166	10.161	0.005	94	3170295	16.4	
S 41 1,2-Dichloroethene, Total	61				0		29.6	
34 trans-1,2-Dichloroethene	61	10.236	10.236	0.0	88	1292403	14.7	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.391	10.385	0.006	94	496804	15.2
	36			10.653	10.653	0.0	89	1189586	16.1
	37			11.204	11.199	0.005	99	1595192	13.5
	38			11.241	11.236	0.005	98	1751501	16.0
	39			12.375	12.375	0.0	96	1141574	14.8
	40			12.392	12.392	0.0	100	466744	14.4
	42			12.418	12.413	0.005	96	94117	14.9
	44			12.852	12.846	0.006	86	690927	14.7
*	43			12.857	12.852	0.005	69	527057	10.0
	45			12.969	12.964	0.005	99	2430240	13.8
	46			13.269	13.264	0.005	83	1414803	15.7
	47			13.280	13.280	0.0	95	2917040	14.1
	48			13.536	13.531	0.005	98	3218312	13.6
	51			13.932	13.927	0.005	97	3911322	16.2
	50			13.986	13.986	0.0	95	3027632	14.0
	52			14.146	14.141	0.005	99	1547719	14.2
	53			14.280	14.275	0.005	80	1220006	16.2
*	54			14.751	14.745	0.006	92	2475982	10.0
A	57			14.769	6.668 - 22.871	0	431599981	0	
	55			15.029	15.024	0.005	83	393100	14.7
	56			15.211	15.211	0.0	95	1614737	14.5
	58			15.735	15.730	0.005	87	947244	14.4
	59			15.815	15.815	0.0	76	1068481	15.7
	60			15.906	15.901	0.005	84	550207	14.6
	61			15.976	15.970	0.006	88	1894498	13.9
	62			16.222	16.222	0.0	98	2748878	14.5
A	63			16.631	4.373 - 28.889	0	772495141	4302.3	
	64			17.089	17.083	0.006	90	1750127	16.3
	65			17.324	17.324	0.0	90	1678347	15.9
A	68			17.656	17.606 - 17.706	0	17158560	NC	
	69			17.656	17.656	0.0	83	1590149	16.0
	66			17.666	17.661	0.005	93	2371159	14.5
A	67			17.661	17.621 - 17.701	0	17158560	NC	
	70			18.191	18.191	0.0	95	1979602	16.0
	71			18.560	18.560	0.0	92	1153540	14.2
	72			18.699	18.699	0.0	98	2885651	14.2
	73			18.950	18.950	0.0	91	1521211	16.5
	74			19.314	19.314	0.0	97	3381129	14.9
	75			19.603	19.603	0.0	99	2498481	15.1
S	82			106			0		45.4
*	76			20.448	20.443	0.005	70	2252830	10.0
	77			20.502	20.502	0.0	95	3746501	13.7
	78			20.619	20.614	0.005	97	5769956	15.1
	79			20.678	20.673	0.005	78	1956375	15.4
	80			20.833	20.833	0.0	99	4513409	29.3
	83			21.545	21.545	0.0	94	2337173	16.1
	84			21.588	21.582	0.006	95	3533241	16.4
	85			21.962	21.962	0.0	99	3495836	15.4
	86			22.112	22.112	0.0	96	7235379	16.2
\$	87			22.444	22.444	0.0	97	1659952	NC
	88			22.668	22.668	0.0	93	3081214	13.9
	90			22.743	22.743	0.0	98	8010892	15.4

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	88	2458252	14.4
93	n-Decane		57	22.856	22.861	-0.005	81	2713052	15.2
91	4-Ethyltoluene		105	22.909	22.909	0.0	91	7409410	14.9
92	2-Chlorotoluene		91	22.946	22.946	0.0	91	6297673	14.5
94	1,3,5-Trimethylbenzene		105	23.005	23.005	0.0	92	6799820	14.8
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	88	3365446	17.5
96	tert-Butylbenzene		119	23.481	23.481	0.0	90	6641827	14.9
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	97	6788417	15.5
98	sec-Butylbenzene		105	23.808	23.808	0.0	97	9059791	15.0
99	4-Isopropyltoluene		119	24.011	24.011	0.0	91	8287851	15.6
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	96	4808668	15.0
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	4756349	16.0
102	Benzyl chloride		91	24.434	24.434	0.0	100	4855035	18.1
104	Undecane		57	24.626	24.626	0.0	88	2770918	15.3
103	n-Butylbenzene		91	24.653	24.653	0.0	97	6158663	15.3
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	97	4708714	15.1
106	Dodecane		57	26.434	26.434	0.0	89	2361611	20.0
107	1,2,4-Trichlorobenzene		180	27.724	27.724	0.0	94	2957719	18.5
108	Hexachlorobutadiene		225	27.927	27.927	0.0	94	3811308	15.1
109	Naphthalene		128	28.312	28.312	0.0	99	6251138	20.0
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	96	2955162	19.8

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_009.d

Injection Date: 11-Feb-2014 23:18:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

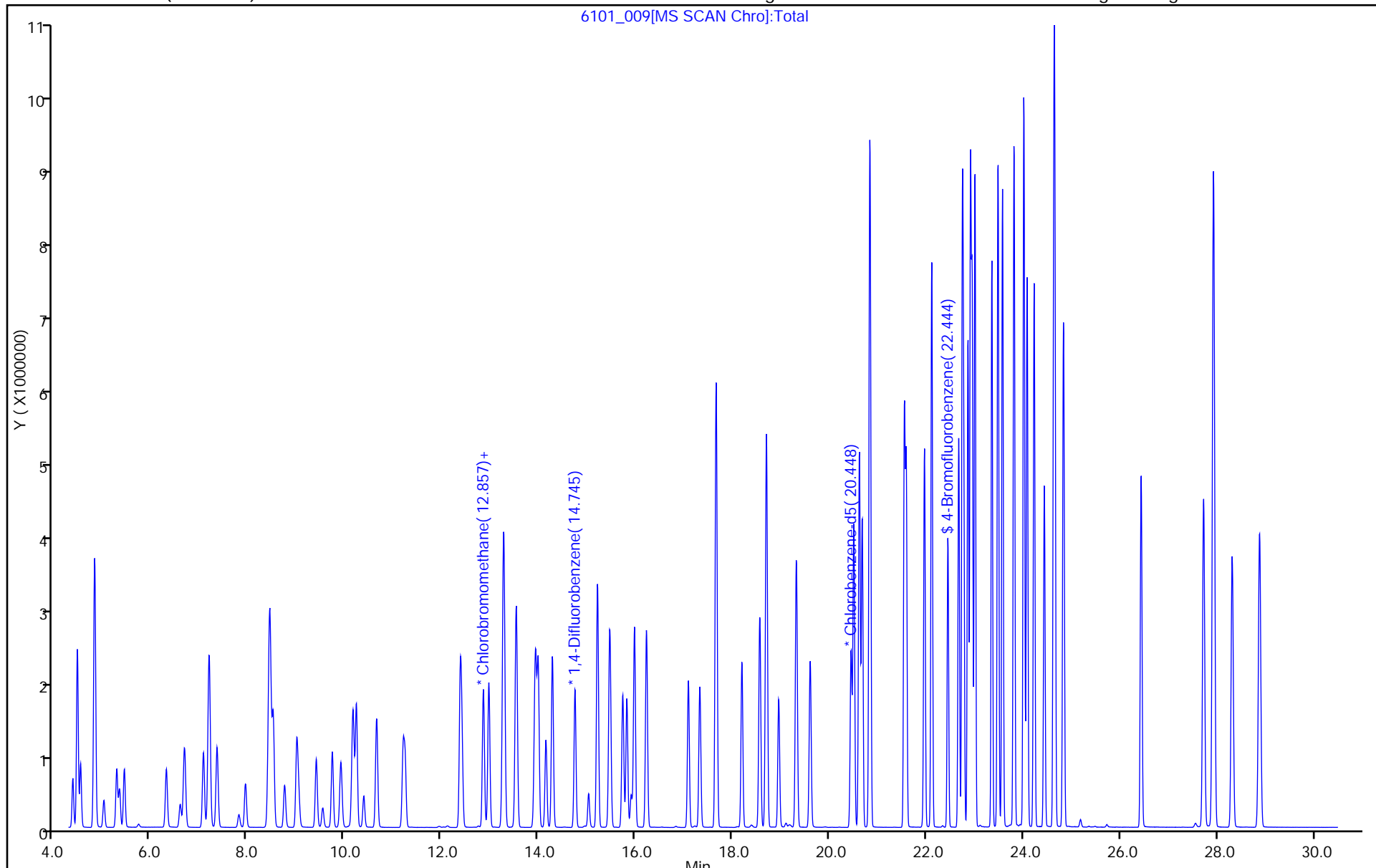
ALS Bottle#: 6

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_010.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 12-Feb-2014 00:07:30 ALS Bottle#: 7 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-010
 Misc. Info.: IC 07
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:36 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:13:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.399	4.383	0.016	96	661767	18.2	
2 Dichlorodifluoromethane	85	4.490	4.479	0.011	99	4516674	17.9	
6 Chlorodifluoromethane	51	4.554	4.544	0.010	96	1744155	18.3	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.843	4.832	0.011	94	3682503	17.1	
8 Chloromethane	50	5.036	5.025	0.011	99	791790	18.2	
9 Butane	43	5.303	5.287	0.016	95	1348334	19.2	
10 Vinyl chloride	62	5.357	5.346	0.011	97	1129770	18.1	
11 Butadiene	54	5.458	5.442	0.016	93	760983	19.8	
13 BFB								
12 Bromomethane	94	6.325	6.314	0.011	99	1190336	18.4	
14 Chloroethane	64	6.614	6.598	0.016	99	631582	19.0	
15 2-Methylbutane	43	6.705	6.678	0.027	87	1009878	18.8	
16 Vinyl bromide	106	7.090	7.079	0.011	98	1633426	19.0	
17 Trichlorofluoromethane	101	7.208	7.192	0.016	99	4925201	17.4	
18 Pentane	43	7.379	7.357	0.022	93	1471017	19.6	
19 Ethanol	45	7.855	7.796	0.059	99	626323	39.7	
21 Ethyl ether	59	7.967	7.941	0.026	90	786498	20.0	
22 Acrolein	56	8.433	8.406	0.027	97	324034	19.6	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.460	8.443	0.017	94	3038104	17.2	
24 1,1-Dichloroethene	96	8.535	8.518	0.017	96	1440385	18.9	
25 Acetone	43	8.781	8.748	0.033	87	1591853	19.9	
26 Carbon disulfide	76	9.021	9.000	0.021	98	3234115	18.4	
27 Isopropyl alcohol	45	9.086	9.032	0.054	97	1302161	19.4	
29 3-Chloro-1-propene	41	9.423	9.406	0.017	82	1129901	20.9	
30 Acetonitrile	41	9.562	9.535	0.027	99	566435	19.3	
31 Methylene Chloride	49	9.754	9.733	0.021	79	1005390	18.0	
32 2-Methyl-2-propanol	59	9.952	9.904	0.048	99	2441672	20.1	
33 Methyl tert-butyl ether	73	10.188	10.161	0.027	94	4285532	21.3	
S 41 1,2-Dichloroethene, Total	61				0		38.4	
34 trans-1,2-Dichloroethene	61	10.252	10.236	0.016	88	1723602	18.8	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	35			53	10.407 10.385	0.022	93 668184 19.6
	36			57	10.669 10.653	0.016	89 1605996 20.8
	37			63	11.220 11.199	0.021	99 2164552 17.5
	38			43	11.263 11.236	0.027	99 2410980 21.0
	39			96	12.392 12.375	0.017	99 1582116 19.7
	40			72	12.413 12.392	0.021	99 636539 18.8
	42			88	12.440 12.413	0.027	96 126901 19.3
	44			42	12.868 12.846	0.022	85 952136 19.6
*	43			128	12.873 12.852	0.021	74 551150 10.0
	45			83	12.980 12.964	0.016	99 3317829 18.0
	46			84	13.280 13.264	0.016	82 1919134 20.4
	47			97	13.296 13.280	0.016	95 3959774 18.4
	48			117	13.542 13.531	0.011	98 4337444 17.7
	51			57	13.943 13.927	0.016	97 5233844 20.9
	50			78	14.002 13.986	0.016	93 4071533 18.2
	52			62	14.157 14.141	0.016	99 2108882 18.6
	53			43	14.291 14.275	0.016	80 1627119 20.8
*	54			114	14.756 14.745	0.011	93 2573104 10.0
A	57			1	14.769 6.668 - 22.871	0	576637732 0
	55			56	15.050 15.024	0.026	84 578640 20.8
	56			95	15.222 15.211	0.011	95 2178196 18.9
	58			63	15.741 15.730	0.011	84 1268562 18.6
	59			69	15.826 15.815	0.011	76 1439673 20.3
	60			88	15.917 15.901	0.016	84 728137 18.6
	61			174	15.987 15.970	0.017	88 2490929 17.6
	62			83	16.233 16.222	0.011	98 3678848 18.6
A	63			1	16.631 4.373 - 28.889	0	1022878503 5481.7
	64			75	17.094 17.083	0.011	90 2400930 21.5
	65			43	17.329 17.324	0.005	90 2240568 20.5
A	68			1	17.656 17.606 - 17.706	0	22390100 NC
	69			43	17.666 17.656	0.010	77 2074970 20.0
	66			92	17.672 17.661	0.011	94 3095855 18.0
A	67			1	17.661 17.621 - 17.701	0	22390100 NC
	70			75	18.201 18.191	0.010	95 2696132 21.0
	71			83	18.571 18.560	0.011	92 1543025 17.9
	72			166	18.704 18.699	0.005	98 3817042 17.8
	73			43	18.961 18.950	0.011	90 2111642 21.8
	74			129	19.320 19.314	0.006	97 4523936 18.9
	75			107	19.608 19.603	0.005	99 3368163 19.3
S	82			106		0	56.4
*	76			117	20.454 20.443	0.011	65 2377432 10.0
	77			112	20.507 20.502	0.005	95 4973639 17.2
	78			91	20.625 20.614	0.011	95 7636888 19.0
	79			57	20.678 20.673	0.005	78 2571881 19.1
	80			106	20.839 20.833	0.006	99 5905377 36.3
	83			106	21.550 21.545	0.005	94 3079865 20.1
	84			104	21.588 21.582	0.006	94 4677097 20.6
	85			173	21.968 21.962	0.006	98 4598090 19.1
	86			105	22.117 22.112	0.005	96 9442987 20.0
\$	87			95	22.449 22.444	0.005	97 1727188 NC
	88			83	22.674 22.668	0.006	93 4060277 17.4
	90			91	22.749 22.743	0.006	97 10306137 18.8

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.775	22.770	0.005	93	3249502	18.1
93	n-Decane		57	22.861	22.861	0.0	81	3487876	18.5
91	4-Ethyltoluene		105	22.915	22.909	0.006	96	9515286	18.1
92	2-Chlorotoluene		91	22.947	22.946	0.001	94	8101828	17.7
94	1,3,5-Trimethylbenzene		105	23.005	23.005	0.0	93	8755104	18.0
95	Alpha Methyl Styrene		118	23.353	23.353	0.0	88	4431870	21.9
96	tert-Butylbenzene		119	23.482	23.481	0.001	90	8571312	18.2
97	1,2,4-Trimethylbenzene		105	23.578	23.572	0.006	97	8763488	18.9
98	sec-Butylbenzene		105	23.813	23.808	0.005	96	11547049	18.1
99	4-Isopropyltoluene		119	24.017	24.011	0.006	90	10584636	18.8
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	96	6295982	18.6
101	1,4-Dichlorobenzene		146	24.231	24.225	0.006	95	6263556	19.9
102	Benzyl chloride		91	24.439	24.434	0.005	99	6747945	23.9
104	Undecane		57	24.632	24.626	0.006	87	3484036	18.3
103	n-Butylbenzene		91	24.653	24.653	0.0	97	7909203	18.6
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	97	6199708	18.9
106	Dodecane		57	26.440	26.434	0.006	90	3032210	24.3
107	1,2,4-Trichlorobenzene		180	27.729	27.724	0.005	94	4005998	23.7
108	Hexachlorobutadiene		225	27.927	27.927	0.0	93	4829134	18.1
109	Naphthalene		128	28.318	28.312	0.006	99	8113281	24.6
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	95	3927460	24.9

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_010.d

Injection Date: 12-Feb-2014 00:07:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

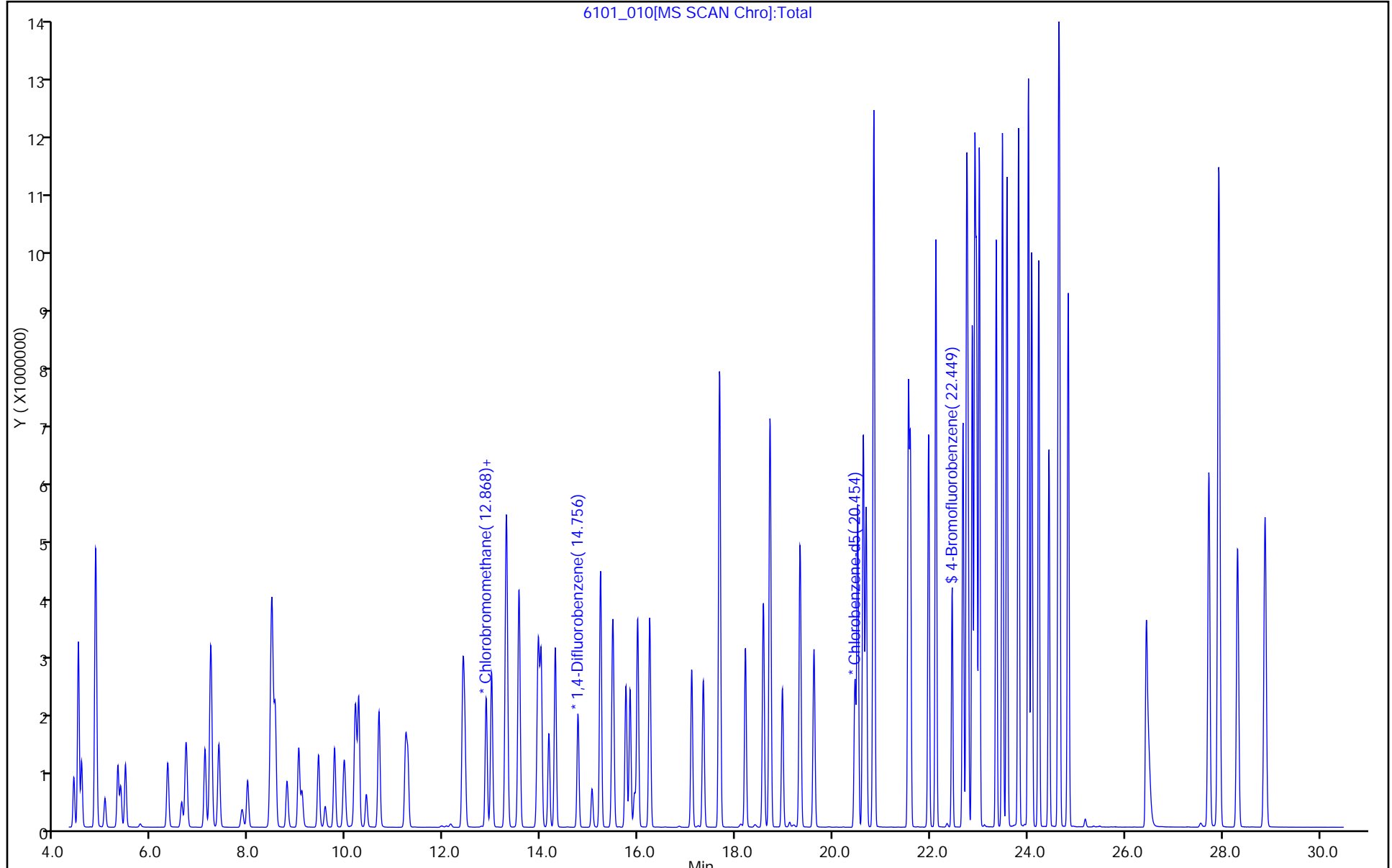
ALS Bottle#: 7

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Lims ID: IC Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 12-Feb-2014 00:55:30 ALS Bottle#: 8 Worklist Smp#: 11
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-011
 Misc. Info.: IC 08
 Operator ID: PAD Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:35:38 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:12:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.394	4.383	0.011	97	1299181	35.1	
2 Dichlorodifluoromethane	85	4.485	4.479	0.006	98	8550592	33.4	
6 Chlorodifluoromethane	51	4.554	4.544	0.010	93	3413634	35.1	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.843	4.832	0.011	86	7032234	32.2	
8 Chloromethane	50	5.036	5.025	0.011	99	1586316	35.9	
9 Butane	43	5.303	5.287	0.016	94	2666551	37.3	
10 Vinyl chloride	62	5.357	5.346	0.011	97	2226661	35.1	
11 Butadiene	54	5.459	5.442	0.016	93	1497279	38.3	
13 BFB								
12 Bromomethane	94	6.331	6.314	0.016	99	2299545	35.0	
14 Chloroethane	64	6.614	6.598	0.016	99	1277845	37.8	
15 2-Methylbutane	43	6.705	6.678	0.027	86	1989631	36.5	
16 Vinyl bromide	106	7.096	7.079	0.017	99	3215429	36.7	
17 Trichlorofluoromethane	101	7.213	7.192	0.021	98	9585030	33.4	
18 Pentane	43	7.384	7.357	0.027	93	2914419	38.1	
19 Ethanol	45	7.871	7.796	0.075	100	1549275	96.7	
21 Ethyl ether	59	7.973	7.941	0.032	88	1580002	39.5	
22 Acrolein	56	8.438	8.406	0.032	97	626835	37.3	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.470	8.443	0.027	95	5837171	32.5	
24 1,1-Dichloroethene	96	8.535	8.518	0.017	95	2826103	36.5	
25 Acetone	43	8.791	8.748	0.043	87	2879495	35.4	
26 Carbon disulfide	76	9.021	9.000	0.021	98	6427705	36.0	
27 Isopropyl alcohol	45	9.107	9.032	0.075	98	2486222	36.5	
29 3-Chloro-1-propene	41	9.433	9.406	0.027	81	2265645	41.1	
30 Acetonitrile	41	9.572	9.535	0.037	98	1093925	36.7	
31 Methylene Chloride	49	9.760	9.733	0.027	79	2025034	35.7	
32 2-Methyl-2-propanol	59	9.974	9.904	0.070	98	4658737	37.6	
33 Methyl tert-butyl ether	73	10.193	10.161	0.032	95	8388437	40.9	
S 41 1,2-Dichloroethene, Total	61				0		74.2	
34 trans-1,2-Dichloroethene	61	10.263	10.236	0.027	88	3411936	36.5	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.418	10.385	0.033	93	1365965	39.3
	36			10.674	10.653	0.021	89	3163901	40.3
	37			11.225	11.199	0.026	99	4305646	34.3
	38			11.268	11.236	0.032	98	4741059	40.6
	39			12.397	12.375	0.022	98	3084080	37.7
	40			12.424	12.392	0.032	99	1211726	35.2
	42			12.445	12.413	0.032	97	253596	37.8
	44			12.873	12.846	0.027	80	1880073	37.4
*	43			12.879	12.852	0.027	68	560558	10.0
	45			12.991	12.964	0.027	99	6452059	34.3
	46			13.285	13.264	0.021	83	3634256	37.5
	47			13.301	13.280	0.021	95	7644188	34.5
	48			13.553	13.531	0.022	98	8456206	33.4
	51			13.948	13.927	0.021	97	9832262	38.1
	50			14.007	13.986	0.021	95	7794483	33.7
	52			14.168	14.141	0.027	99	4176790	35.7
	53			14.296	14.275	0.021	80	3119323	38.7
*	54			14.767	14.745	0.022	92	2654290	10.0
A	57			14.769	6.668 - 22.871		0	1106764022	0
	55			15.051	15.024	0.027	84	1126195	39.2
	56			15.227	15.211	0.016	96	4215341	35.4
	58			15.751	15.730	0.021	84	2485785	35.3
	59			15.837	15.815	0.022	76	2888354	39.5
	60			15.928	15.901	0.027	84	1345638	33.2
	61			15.992	15.970	0.022	89	4755977	32.6
	62			16.238	16.222	0.016	97	7195458	35.3
A	63			16.631	4.373 - 28.889		0	1868084363	9705.0
	64			17.099	17.083	0.016	90	4831261	41.9
	65			17.340	17.324	0.016	89	4374920	38.7
A	68			17.656	17.606 - 17.706		0	42154473	NC
	69			17.672	17.656	0.016	76	3789224	35.5
	66			17.677	17.661	0.016	94	5834314	32.8
A	67			17.661	17.621 - 17.701		0	42154473	NC
	70			18.202	18.191	0.011	95	5475160	41.4
	71			18.576	18.560	0.016	91	3044405	34.3
	72			18.710	18.699	0.011	98	7188363	32.5
	73			18.967	18.950	0.016	89	4156948	41.5
	74			19.330	19.314	0.016	96	8774775	35.6
	75			19.614	19.603	0.011	99	6625295	36.8
S	82						0		102.0
*	76			20.454	20.443	0.011	64	2454063	10.0
	77			20.513	20.502	0.011	93	9580082	32.2
	78			20.625	20.614	0.011	95	14213914	34.2
	79			20.684	20.673	0.011	76	4793442	34.5
	80			20.844	20.833	0.011	96	10940635	65.2
	83			21.556	21.545	0.011	94	5820499	36.8
	84			21.593	21.582	0.011	93	8924095	38.0
	85			21.968	21.962	0.006	96	8504614	34.3
	86			22.117	22.112	0.005	96	16571499	34.0
\$	87			22.449	22.444	0.005	97	1777055	NC
	88			22.674	22.668	0.006	92	7354083	30.5
	90			22.749	22.743	0.006	96	17147954	30.3

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.776	22.770	0.006	88	5927464	31.9
93	n-Decane		57	22.866	22.861	0.005	79	6090541	31.4
91	4-Ethyltoluene		105	22.915	22.909	0.006	81	16015232	29.6
92	2-Chlorotoluene		91	22.952	22.946	0.006	93	14469307	30.5
94	1,3,5-Trimethylbenzene		105	23.011	23.005	0.006	86	15053321	30.0
95	Alpha Methyl Styrene		118	23.359	23.353	0.006	86	8283686	39.6
96	tert-Butylbenzene		119	23.487	23.481	0.006	89	14879192	30.6
97	1,2,4-Trimethylbenzene		105	23.578	23.572	0.006	96	15215793	31.8
98	sec-Butylbenzene		105	23.819	23.808	0.011	94	19130372	29.0
99	4-Isopropyltoluene		119	24.017	24.011	0.006	90	17749239	30.6
100	1,3-Dichlorobenzene		146	24.086	24.081	0.005	94	11371054	32.6
101	1,4-Dichlorobenzene		146	24.231	24.225	0.006	93	11376207	35.0
102	Benzyl chloride		91	24.439	24.434	0.005	99	13049488	44.8
104	Undecane		57	24.632	24.626	0.006	85	5961631	30.3
103	n-Butylbenzene		91	24.659	24.653	0.006	97	13698552	31.1
105	1,2-Dichlorobenzene		146	24.835	24.830	0.005	95	11211062	33.0
106	Dodecane		57	26.456	26.434	0.022	90	921744	7.15
107	1,2,4-Trichlorobenzene		180	27.729	27.724	0.005	94	6630259	38.0
108	Hexachlorobutadiene		225	27.938	27.927	0.011	94	5670385	20.6
109	Naphthalene		128	28.318	28.312	0.006	98	14116069	41.5
110	1,2,3-Trichlorobenzene		180	28.896	28.879	0.017	96	4461825	27.5

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d

Injection Date: 12-Feb-2014 00:55:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: IC

Lab Sample ID:

Worklist Smp#: 11

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

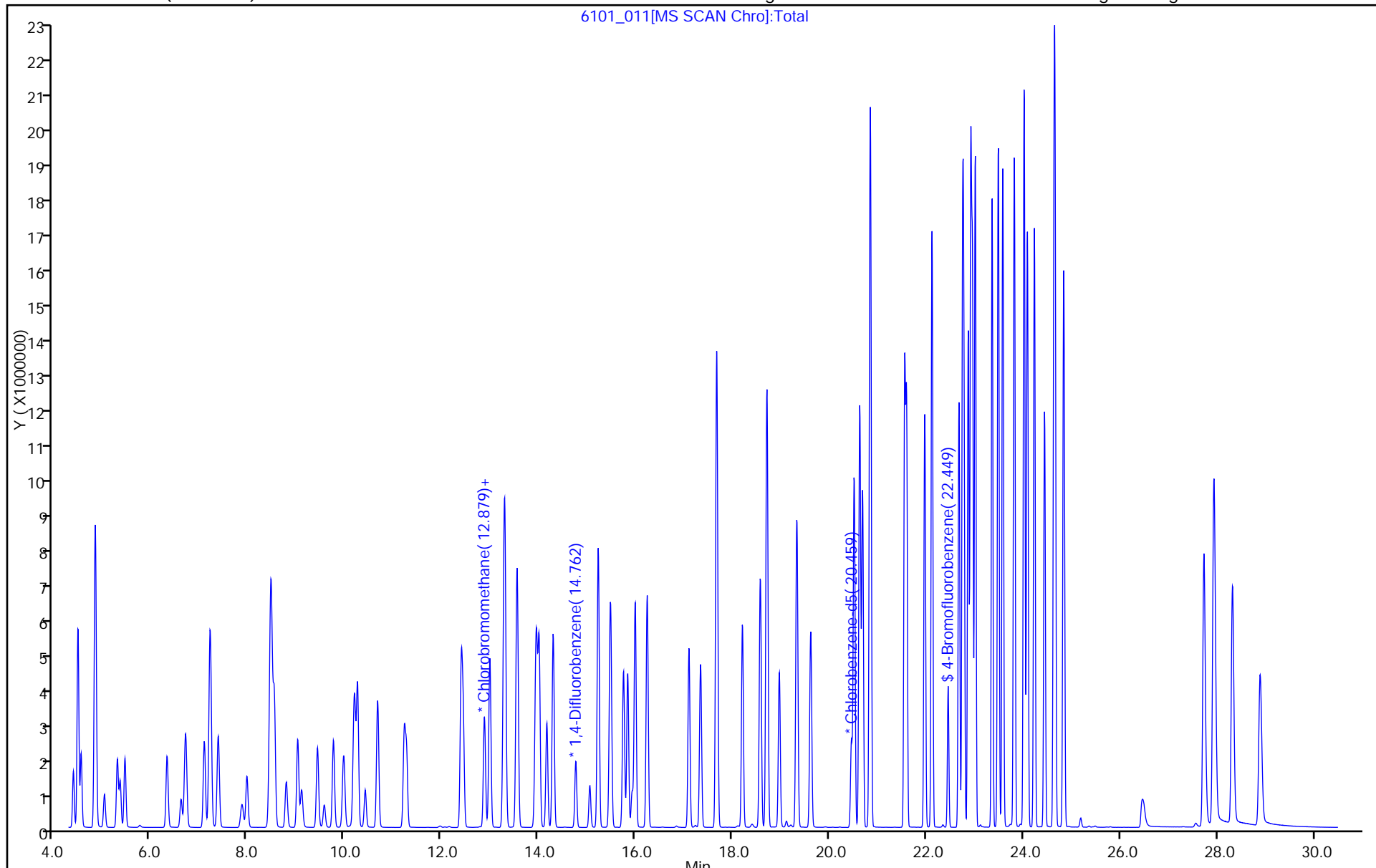
ALS Bottle#: 8

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: ICV 200-68619/16 Calibration Date: 02/21/2014 00:15
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6246_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.4525	0.3487		7.71	10.0	-22.9	30.0
Dichlorodifluoromethane	Ave	3.137	2.832		9.02	10.0	-9.7	30.0
Freon 22	Ave	1.181	1.070		9.06	10.0	-9.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.687	2.698		10.0	10.0	0.4	30.0
Chloromethane	Ave	0.5956	0.5277		8.86	10.0	-11.4	30.0
n-Butane	Ave	0.7851	0.7055		8.98	10.0	-10.1	30.0
Vinyl chloride	Ave	0.8160	0.7063		8.65	10.0	-13.4	30.0
1,3-Butadiene	Ave	0.4758	0.4226		8.88	10.0	-11.2	30.0
Bromomethane	Ave	1.162	1.057		9.10	10.0	-9.0	30.0
Chloroethane	Ave	0.3240	0.2863		8.83	10.0	-11.6	30.0
Isopentane	Ave	0.5140	0.4803		9.34	10.0	-6.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.261	1.177		9.33	10.0	-6.7	30.0
Trichlorofluoromethane	Ave	3.583	3.189		8.90	10.0	-11.0	30.0
n-Pentane	Ave	0.7954	0.8123		10.2	10.0	2.1	30.0
Ethanol	Ave	0.1910	0.1880		14.8	15.0	-1.6	30.0
Ethyl ether	Ave	0.4003	0.4104		10.3	10.0	2.5	30.0
Acrolein	Ave	0.1910	0.2116		11.1	10.0	10.8	30.0
Freon TF	Ave	2.249	2.074		9.22	10.0	-7.8	30.0
1,1-Dichloroethene	Ave	0.9520	0.8613		9.05	10.0	-9.5	30.0
Acetone	Ave	0.8787	0.9817		11.2	10.0	11.7	30.0
Carbon disulfide	Ave	2.332	2.458		10.5	10.0	5.4	30.0
Isopropyl alcohol	Ave	0.7090	0.5444		7.68	10.0	-23.2	30.0
3-Chloropropene	Ave	0.6290	0.5558		8.84	10.0	-11.6	30.0
Acetonitrile	Ave	0.3383	0.3195		9.44	10.0	-5.6	30.0
Methylene Chloride	Ave	0.7069	0.6456		9.13	10.0	-8.7	30.0
tert-Butyl alcohol	Ave	1.260	1.031		8.18	10.0	-18.2	30.0
Methyl tert-butyl ether	Ave	2.237	2.112		9.44	10.0	-5.6	30.0
trans-1,2-Dichloroethene	Ave	1.039	1.017		9.79	10.0	-2.1	30.0
Acrylonitrile	Ave	0.3820	0.3784		9.91	10.0	-0.9	30.0
n-Hexane	Ave	0.8392	0.8345		9.94	10.0	-0.6	30.0
1,1-Dichloroethane	Ave	1.522	1.383		9.09	10.0	-9.1	30.0
Vinyl acetate	Ave	1.472	1.369		9.29	10.0	-7.0	30.0
cis-1,2-Dichloroethene	Ave	1.290	1.187		9.20	10.0	-7.9	30.0
Methyl Ethyl Ketone	Ave	0.4361	0.4007		9.19	10.0	-8.1	30.0
Ethyl acetate	Ave	0.0661	0.0690		10.4	10.0	4.4	30.0
Tetrahydrofuran	Ave	0.1189	0.1107		9.31	10.0	-6.9	30.0
Chloroform	Ave	2.859	2.633		9.21	10.0	-7.9	30.0
Cyclohexane	Ave	0.2496	0.2335		9.35	10.0	-6.4	30.0
1,1,1-Trichloroethane	Ave	0.5905	0.5364		9.08	10.0	-9.2	30.0
Carbon tetrachloride	Ave	0.7528	0.6727		8.93	10.0	-10.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: ICV 200-68619/16 Calibration Date: 02/21/2014 00:15
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6246_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.6673	0.6081		9.11	10.0	-8.9	30.0
2,2,4-Trimethylpentane	Ave	0.7963	0.7291		9.16	10.0	-8.4	30.0
1,2-Dichloroethane	Ave	0.3331	0.3019		9.06	10.0	-9.4	30.0
n-Heptane	Ave	0.2959	0.2565		8.67	10.0	-13.3	30.0
n-Butanol	Ave	0.1142	0.0892		7.81	10.0	-21.9	30.0
Trichloroethene	Ave	0.4731	0.4219		8.92	10.0	-10.8	30.0
1,2-Dichloropropane	Ave	0.3124	0.2871		9.19	10.0	-8.1	30.0
Methyl methacrylate	Ave	0.2717	0.2678		9.85	10.0	-1.4	30.0
1,4-Dioxane	Ave	0.1470	0.1201		8.17	10.0	-18.3	30.0
Dibromomethane	Ave	0.5283	0.5125		9.70	10.0	-3.0	30.0
Bromodichloromethane	Ave	0.7799	0.7322		9.39	10.0	-6.1	30.0
cis-1,3-Dichloropropene	Ave	0.5310	0.5080		9.56	10.0	-4.3	30.0
Methyl isobutyl ketone	Ave	0.4887	0.4450		9.10	10.0	-8.9	30.0
Toluene	Ave	0.7326	0.6835		9.33	10.0	-6.7	30.0
n-Octane	Ave	0.5119	0.4629		9.04	10.0	-9.6	30.0
trans-1,3-Dichloropropene	Ave	0.5408	0.5257		9.72	10.0	-2.8	30.0
1,1,2-Trichloroethane	Ave	0.3670	0.3407		9.28	10.0	-7.2	30.0
Tetrachloroethene	Ave	0.7873	0.7370		9.36	10.0	-6.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4387	0.4103		9.35	10.0	-6.5	30.0
Dibromochloromethane	Ave	0.9470	0.9071		9.58	10.0	-4.2	30.0
1,2-Dibromoethane	Ave	0.7388	0.7160		9.69	10.0	-3.1	30.0
Chlorobenzene	Ave	1.063	1.009		9.49	10.0	-5.1	30.0
Ethylbenzene	Ave	1.522	1.428		9.38	10.0	-6.1	30.0
n-Nonane	Ave	0.5414	0.4966		9.17	10.0	-8.3	30.0
m,p-Xylene	Ave	0.6221	0.5836		18.8	20.0	-6.2	30.0
Xylene, o-	Ave	0.6494	0.6018		9.27	10.0	-7.3	30.0
Styrene	Ave	0.8646	0.8611		9.96	10.0	-0.4	30.0
Bromoform	Ave	0.8956	0.9031		10.1	10.0	0.8	30.0
Cumene	Ave	1.788	1.662		9.29	10.0	-7.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8834	0.8315		9.41	10.0	-5.9	30.0
1,2,3-Trichloropropane	Ave	0.5852	0.5463		9.33	10.0	-6.6	30.0
n-Propylbenzene	Ave	1.845	1.730		9.37	10.0	-6.3	30.0
2-Chlorotoluene	Ave	1.248	1.144		9.17	10.0	-8.3	30.0
4-Ethyltoluene	Ave	1.502	1.446		9.63	10.0	-3.7	30.0
n-Decane	Ave	0.5512	0.5047		9.16	10.0	-8.4	30.0
1,3,5-Trimethylbenzene	Ave	1.484	1.368		9.21	10.0	-7.9	30.0
Alpha Methyl Styrene	Ave	0.6800	0.6957		10.2	10.0	2.3	30.0
tert-Butylbenzene	Ave	1.507	1.375		9.12	10.0	-8.8	30.0
1,2,4-Trimethylbenzene	Ave	1.437	1.348		9.38	10.0	-6.2	30.0
sec-Butylbenzene	Ave	2.095	1.951		9.31	10.0	-6.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: ICV 200-68619/16 Calibration Date: 02/21/2014 00:15
 Instrument ID: CHG.i Calib Start Date: 02/20/2014 16:25
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/20/2014 21:54
 Lab File ID: 6246_016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.741	1.653		9.49	10.0	-5.1	30.0
1,3-Dichlorobenzene	Ave	0.8925	0.9059		10.1	10.0	1.5	30.0
1,4-Dichlorobenzene	Ave	0.8666	0.8893		10.3	10.0	2.6	30.0
Benzyl chloride	Ave	0.9186	0.8799		9.58	10.0	-4.2	30.0
n-Butylbenzene	Ave	1.370	1.314		9.59	10.0	-4.1	30.0
n-Undecane	Ave	0.6424	0.6299		9.80	10.0	-1.9	30.0
1,2-Dichlorobenzene	Ave	0.9899	0.9353		9.45	10.0	-5.5	30.0
n-Dodecane	Ave	0.1008	0.1056		10.5	10.0	4.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5281	0.4961		9.39	10.0	-6.1	30.0
Hexachlorobutadiene	Ave	0.4459	0.4985		11.2	10.0	11.8	30.0
Naphthalene	Ave	1.259	1.141		9.06	10.0	-9.4	30.0
1,2,3-Trichlorobenzene	Ave	0.4340	0.4716		10.9	10.0	8.7	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_016.D
 Lims ID: ICV Lab Sample ID: ICV 200-68621/16-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 21-Feb-2014 00:15:30 ALS Bottle#: 1 Worklist Smp#: 16
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-016
 Misc. Info.: ICV
 Operator ID: bl Instrument ID: CHG.i
 Sublist:
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:44:41 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: daiglep

Date: 21-Feb-2014 12:08:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.058	0.0	97	255567	7.71	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	2075073	9.02	
6 Chlorodifluoromethane	51	3.181	3.181	0.0	94	784285	9.06	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	93	1976852	10.0	
8 Chloromethane	50	3.539	3.539	0.0	99	386743	8.86	
9 Butane	43	3.758	3.759	-0.001	97	516993	8.98	
10 Vinyl chloride	62	3.796	3.796	0.0	97	517590	8.65	
11 Butadiene	54	3.881	3.882	-0.001	92	309695	8.88	
12 Bromomethane	94	4.577	4.577	0.0	99	774719	9.10	
14 Chloroethane	64	4.828	4.828	0.0	99	209799	8.83	
15 2-Methylbutane	43	4.925	4.925	0.0	88	351968	9.34	
16 Vinyl bromide	106	5.230	5.235	-0.005	97	862776	9.33	
17 Trichlorofluoromethane	101	5.353	5.353	0.0	98	2337018	8.90	
18 Pentane	43	5.508	5.508	0.0	95	595302	10.2	
13 BFB								
19 Ethanol	45	5.920	5.925	-0.005	96	206786	14.8	
21 Ethyl ether	59	6.043	6.043	0.0	96	300770	10.3	
22 Acrolein	56	6.406	6.407	-0.001	96	155063	11.1	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	95	1519863	9.22	
24 1,1-Dichloroethene	96	6.503	6.503	0.0	92	631204	9.05	
25 Acetone	43	6.722	6.722	0.0	87	719442	11.2	
26 Carbon disulfide	76	6.883	6.888	-0.005	98	1801672	10.5	
27 Isopropyl alcohol	45	7.043	7.038	0.005	98	398934	7.68	
29 3-Chloro-1-propene	41	7.305	7.305	0.0	83	407341	8.84	
30 Acetonitrile	41	7.402	7.402	0.0	98	234152	9.44	
31 Methylene Chloride	49	7.599	7.600	-0.001	80	473134	9.13	
32 2-Methyl-2-propanol	59	7.835	7.840	-0.005	98	755329	8.18	
33 Methyl tert-butyl ether	73	8.038	8.044	-0.006	94	1547573	9.44	
34 trans-1,2-Dichloroethene	61	8.065	8.060	0.005	87	745271	9.79	
35 Acrylonitrile	53	8.183	8.188	-0.005	95	277331	9.91	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	36	Hexane	57	8.488	8.493	-0.005	90	611563	9.94
	37	1,1-Dichloroethane	63	8.948	8.948	0.0	99	1013846	9.09
	38	Vinyl acetate	43	9.044	9.044	0.0	99	1003110	9.29
	39	cis-1,2-Dichloroethene	96	10.087	10.093	-0.006	91	870030	9.20
	40	2-Butanone (MEK)	72	10.135	10.141	-0.006	97	293661	9.19
S	41	1,2-Dichloroethene, Total	61				0		19.0
	42	Ethyl acetate	88	10.210	10.216	-0.006	98	50533	10.4
*	43	Chlorobromomethane	128	10.563	10.563	0.0	67	732981	10.0
	44	Tetrahydrofuran	42	10.574	10.579	-0.005	81	466958	9.31
	45	Chloroform	83	10.708	10.708	0.0	99	1929788	9.21
	46	Cyclohexane	84	10.991	10.997	-0.006	82	984794	9.35
	47	1,1,1-Trichloroethane	97	11.007	11.007	0.0	95	2261833	9.08
	48	Carbon tetrachloride	117	11.275	11.275	0.0	96	2836858	8.93
	50	Benzene	78	11.740	11.746	-0.006	94	2564262	9.11
	51	Isooctane	57	11.762	11.767	-0.005	98	3074788	9.16
	52	1,2-Dichloroethane	62	11.911	11.917	-0.006	99	1272956	9.06
	53	n-Heptane	43	12.173	12.179	-0.006	86	1081628	8.67
*	54	1,4-Difluorobenzene	114	12.623	12.628	-0.005	91	4217854	10.0
	55	n-Butanol	56	13.019	13.019	0.0	84	376211	7.81
	56	Trichloroethene	95	13.115	13.115	0.0	93	1779082	8.92
A	57	GRO	1	13.297	4.915 - 21.679		0	408242334	0
	58	1,2-Dichloropropane	63	13.682	13.682	0.0	92	1210817	9.19
	59	Methyl methacrylate	69	13.885	13.886	-0.001	79	1129112	9.85
	60	1,4-Dioxane	88	13.917	13.918	-0.001	84	506523	8.17
	61	Dibromomethane	174	13.939	13.939	0.0	95	2161143	9.70
	62	Dichlorobromomethane	83	14.249	14.249	0.0	97	3087736	9.39
A	63	TVOC as Toluene	1	15.022	3.048 - 26.997		0	643855892	2083.7
	64	cis-1,3-Dichloropropene	75	15.233	15.234	-0.001	87	2142041	9.56
	65	4-Methyl-2-pentanone (MIBK)	43	15.533	15.533	0.0	92	1876621	9.10
	66	Toluene	92	15.854	15.854	0.0	93	2964097	9.33
	69	n-Octane	43	15.961	15.967	-0.006	85	1951903	9.04
	70	trans-1,3-Dichloropropene	75	16.443	16.443	-0.001	92	2217038	9.72
	71	1,1,2-Trichloroethane	83	16.817	16.817	0.0	95	1477548	9.28
	72	Tetrachloroethene	166	16.967	16.967	0.0	97	3196386	9.36
	73	2-Hexanone	43	17.288	17.288	0.0	93	1779435	9.35
	74	Chlorodibromomethane	129	17.587	17.588	-0.001	97	3933948	9.58
	75	Ethylene Dibromide	107	17.866	17.866	0.0	99	3105140	9.69
*	76	Chlorobenzene-d5	117	18.786	18.786	0.0	81	4337814	10.0
	77	Chlorobenzene	112	18.850	18.850	0.0	99	4375153	9.49
	78	Ethylbenzene	91	19.016	19.016	0.0	96	6194924	9.38
	79	n-Nonane	57	19.182	19.182	0.0	82	2153598	9.17
	80	m-Xylene & p-Xylene	106	19.273	19.273	-0.001	99	5062416	18.8
S	82	Xylenes, Total	106				0		28.0
	83	o-Xylene	106	20.102	20.102	0.0	95	2609956	9.27
	84	Styrene	104	20.145	20.145	-0.001	98	3734422	9.96
	85	Bromoform	173	20.530	20.530	0.0	98	3916689	10.1
	86	Isopropylbenzene	105	20.765	20.765	0.0	94	7208268	9.29
\$	87	4-Bromofluorobenzene	95	21.107	21.108	-0.001	98	2512338	NC
	88	1,1,1,2-Tetrachloroethane	83	21.364	21.364	0.0	97	3606117	9.41
	89	1,2,3-Trichloropropane	75	21.461	21.461	0.0	95	2369426	9.33
	90	N-Propylbenzene	91	21.471	21.471	0.0	99	7501779	9.37
	91	4-Ethyltoluene	105	21.653	21.653	0.0	90	6270879	9.63

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
92	2-Chlorotoluene		91	21.653	21.653	0.0	87	4963156	9.17
93	n-Decane		57	21.669	21.669	0.0	82	2189048	9.16
94	1,3,5-Trimethylbenzene		105	21.760	21.760	0.0	93	5931804	9.21
95	Alpha Methyl Styrene		118	22.113	22.113	0.0	90	3017284	10.2
96	tert-Butylbenzene		119	22.242	22.242	0.0	91	5962376	9.12
97	1,2,4-Trimethylbenzene		105	22.333	22.333	0.0	95	5844479	9.38
98	sec-Butylbenzene		105	22.563	22.563	0.0	99	8462949	9.31
99	4-Isopropyltoluene		119	22.761	22.761	-0.001	95	7167964	9.49
100	1,3-Dichlorobenzene		146	22.777	22.777	0.0	98	3928839	10.1
101	1,4-Dichlorobenzene		146	22.910	22.910	0.0	97	3856748	10.3
102	Benzyl chloride		91	23.103	23.103	0.0	100	3816202	9.58
103	n-Butylbenzene		91	23.338	23.338	0.0	90	5699774	9.59
104	Undecane		57	23.381	23.381	0.0	90	2731674	9.80
105	1,2-Dichlorobenzene		146	23.451	23.451	0.0	99	4056512	9.45
106	Dodecane		57	25.007	25.008	-0.001	92	458155	10.5
107	1,2,4-Trichlorobenzene		180	26.013	26.013	0.0	94	2151487	9.39
108	Hexachlorobutadiene		225	26.227	26.227	0.0	93	2161967	11.2
109	Naphthalene		128	26.505	26.500	0.005	99	4949802	9.06
110	1,2,3-Trichlorobenzene		180	26.987	26.987	0.0	96	2045203	10.9

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_016.D

Injection Date: 21-Feb-2014 00:15:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: ICV

Lab Sample ID: ICV 200-68621/16-A

Worklist Smp#: 16

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

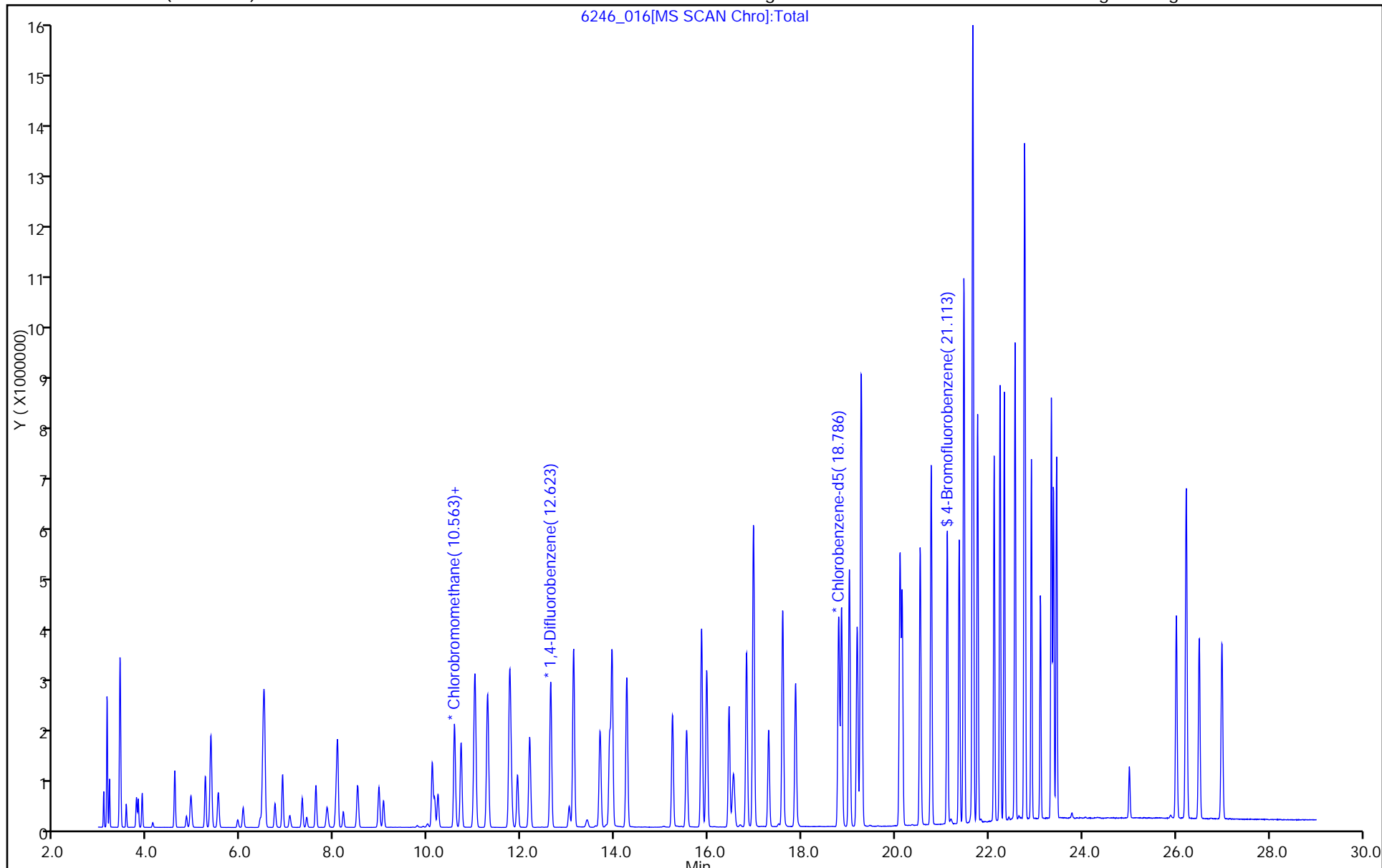
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: ICV 200-68234/14 Calibration Date: 02/12/2014 03:20
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6101_014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6601	0.5218		7.90	10.0	-21.0	30.0
Freon 12	Ave	4.574	3.691		8.07	10.0	-19.3	30.0
Freon 22	Ave	1.733	1.395		8.05	10.0	-19.5	30.0
Freon-114	Ave	3.900	3.454		8.86	10.0	-11.4	30.0
Chloromethane	Ave	0.7873	0.6279		7.97	10.0	-20.2	30.0
n-Butane	Ave	1.276	1.082		8.48	10.0	-15.2	30.0
Vinyl chloride	Ave	1.133	0.8930		7.88	10.0	-21.2	30.0
1,3-Butadiene	Ave	0.6968	0.5928		8.50	10.0	-14.9	30.0
Bromomethane	Ave	1.171	0.9199		7.85	10.0	-21.5	30.0
Chloroethane	Ave	0.6027	0.4820		7.99	10.0	-20.0	30.0
Isopentane	Ave	0.9735	0.8689		8.92	10.0	-10.7	30.0
Vinyl bromide	Ave	1.561	1.305		8.36	10.0	-16.4	30.0
Freon 11	Ave	5.126	3.998		7.80	10.0	-22.0	30.0
n-Pentane	Ave	1.364	1.342		9.83	10.0	-1.7	30.0
Ethanol	Ave	0.2860	0.2399		12.6	15.0	-16.1	30.0
Ethyl ether	Ave	0.7138	0.7330		10.3	10.0	2.7	30.0
Acrolein	Ave	0.3000	0.3236		10.8	10.0	7.9	30.0
Freon 113	Ave	3.208	2.620		8.17	10.0	-18.3	30.0
1,1-Dichloroethene	Ave	1.382	1.206		8.72	10.0	-12.7	30.0
Acetone	Ave	1.452	1.422		9.79	10.0	-2.1	30.0
Carbon disulfide	Ave	3.183	3.074		9.66	10.0	-3.4	30.0
Isopropyl alcohol	Ave	1.217	0.9047		7.43	10.0	-25.6	30.0
Allyl chloride	Ave	0.9827	0.8690		8.84	10.0	-11.6	30.0
Acetonitrile	Ave	0.5322	0.4695		8.82	10.0	-11.8	30.0
Methylene Chloride	Ave	1.011	0.8440		8.35	10.0	-16.5	30.0
tert-Butyl alcohol	Ave	2.208	1.792		8.11	10.0	-18.8	30.0
Methyl tert-butyl ether	Ave	3.658	3.641		9.95	10.0	-0.5	30.0
trans-1,2-Dichloroethene	Ave	1.666	1.518		9.11	10.0	-8.9	30.0
Acrylonitrile	Ave	0.6196	0.5743		9.27	10.0	-7.3	30.0
Hexane	Ave	1.400	1.443		10.3	10.0	3.1	30.0
1,1-Dichloroethane	Ave	2.242	1.819		8.11	10.0	-18.9	30.0
Vinyl acetate	Ave	2.083	1.908		9.16	10.0	-8.4	30.0
cis-1,2-Dichloroethene	Ave	1.459	1.310		8.97	10.0	-10.3	30.0
Methyl Ethyl Ketone	Ave	0.6148	0.5454		8.87	10.0	-11.3	30.0
Ethyl acetate	Ave	0.1195	0.1135		9.49	10.0	-5.0	30.0
Tetrahydrofuran	Ave	0.1892	0.1677		8.86	10.0	-11.4	30.0
Chloroform	Ave	3.351	2.766		8.25	10.0	-17.5	30.0
Cyclohexane	Ave	0.3651	0.3510		9.61	10.0	-3.9	30.0
1,1,1-Trichloroethane	Ave	0.8347	0.6941		8.31	10.0	-16.8	30.0
Carbon tetrachloride	Ave	0.9534	0.7595		7.97	10.0	-20.3	30.0
2,2,4-Trimethylpentane	Ave	0.9724	0.9536		9.80	10.0	-1.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: ICV 200-68234/14 Calibration Date: 02/12/2014 03:20
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6101_014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8714	0.7454		8.55	10.0	-14.5	30.0
1,2-Dichloroethane	Ave	0.4411	0.3729		8.45	10.0	-15.5	30.0
Heptane	Ave	0.3036	0.2983		9.82	10.0	-1.8	30.0
n-Butanol	Ave	0.1081	0.0899		8.31	10.0	-16.9	30.0
Trichloroethene	Ave	0.4486	0.3972		8.85	10.0	-11.5	30.0
1,2-Dichloropropane	Ave	0.2654	0.2271		8.55	10.0	-14.4	30.0
Methyl methacrylate	Ave	0.2752	0.2583		9.38	10.0	-6.1	30.0
1,4-Dioxane	Ave	0.1525	0.1186		7.77	10.0	-22.3	30.0
Dibromomethane	Ave	0.5502	0.4531		8.23	10.0	-17.6	30.0
Bromodichloromethane	Ave	0.7680	0.6447		8.39	10.0	-16.1	30.0
cis-1,3-Dichloropropene	Ave	0.4344	0.4270		9.83	10.0	-1.7	30.0
methyl isobutyl ketone	Ave	0.4254	0.3833		9.01	10.0	-9.9	30.0
n-Octane	Ave	0.4024	0.3953		9.82	10.0	-1.8	30.0
Toluene	Ave	0.7252	0.6585		9.08	10.0	-9.2	30.0
trans-1,3-Dichloropropene	Ave	0.4984	0.4749		9.52	10.0	-4.7	30.0
1,1,2-Trichloroethane	Ave	0.3616	0.3099		8.57	10.0	-14.3	30.0
Tetrachloroethene	Ave	0.9024	0.7795		8.64	10.0	-13.6	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4083	0.3819		9.35	10.0	-6.5	30.0
Dibromochloromethane	Ave	1.004	0.8568		8.53	10.0	-14.7	30.0
1,2-Dibromoethane	Ave	0.7336	0.6626		9.03	10.0	-9.7	30.0
Chlorobenzene	Ave	1.213	1.014		8.36	10.0	-16.4	30.0
Ethylbenzene	Ave	1.694	1.544		9.11	10.0	-8.9	30.0
n-Nonane	Ave	0.5654	0.5206		9.21	10.0	-7.9	30.0
m,p-Xylene	Ave	0.6834	0.6134		17.9	20.0	-10.2	30.0
Xylene, o-	Ave	0.6450	0.6220		9.64	10.0	-3.6	30.0
Styrene	Ave	0.9570	0.9354		9.77	10.0	-2.3	30.0
Bromoform	Ave	1.010	0.8961		8.87	10.0	-11.3	30.0
Cumene	Ave	1.983	1.978		9.97	10.0	-0.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9828	0.8466		8.61	10.0	-13.9	30.0
n-Propylbenzene	Ave	2.308	2.182		9.45	10.0	-5.5	30.0
1,2,3-Trichloropropane	Ave	0.7563	0.6505		8.60	10.0	-14.0	30.0
n-Decane	Ave	0.7915	0.7216		9.12	10.0	-8.8	30.0
4-Ethyltoluene	Ave	2.208	2.031		9.20	10.0	-8.0	30.0
2-Chlorotoluene	Ave	1.930	1.661		8.60	10.0	-13.9	30.0
1,3,5-Trimethylbenzene	Ave	2.043	1.801		8.81	10.0	-11.9	30.0
Alpha Methyl Styrene	Ave	0.8513	0.8874		10.4	10.0	4.2	30.0
tert-Butylbenzene	Ave	1.984	1.765		8.89	10.0	-11.0	30.0
1,2,4-Trimethylbenzene	Ave	1.950	1.764		9.05	10.0	-9.5	30.0
sec-Butylbenzene	Ave	2.687	2.399		8.93	10.0	-10.7	30.0
4-Isopropyltoluene	Ave	2.363	2.177		9.21	10.0	-7.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: ICV 200-68234/14 Calibration Date: 02/12/2014 03:20
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6101_014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.421	1.224		8.61	10.0	-13.8	30.0
1,4-Dichlorobenzene	Ave	1.323	1.191		9.01	10.0	-9.9	30.0
Benzyl chloride	Ave	1.188	1.091		9.18	10.0	-8.2	30.0
n-Undecane	Ave	0.8026	0.7231		9.01	10.0	-9.9	30.0
n-Butylbenzene	Ave	1.792	1.580		8.81	10.0	-11.8	30.0
1,2-Dichlorobenzene	Ave	1.383	1.196		8.64	10.0	-13.6	30.0
n-Dodecane	Ave	0.5251	0.4886		9.30	10.0	-7.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7107	0.6320		8.89	10.0	-11.1	30.0
Hexachloro-1,3-butadiene	Ave	1.124	0.9086		8.08	10.0	-19.2	30.0
Naphthalene	Ave	1.386	1.258		9.08	10.0	-9.2	30.0
1,2,3-Trichlorobenzene	Ave	0.6622	0.5867		8.86	10.0	-11.4	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_014.d
 Lims ID: ICV Lab Sample ID: ICV 200-68232/14-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 12-Feb-2014 03:20:30 ALS Bottle#: 9 Worklist Smp#: 14
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006101-014
 Misc. Info.: ICV
 Operator ID: PAD Instrument ID: CHW.i
 Sublist:
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 09:52:24 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: lyonsb

Date: 12-Feb-2014 09:34:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.383	4.383	0.0	97	300987	7.90	
2 Dichlorodifluoromethane	85	4.474	4.479	-0.005	99	2129367	8.07	
6 Chlorodifluoromethane	51	4.544	4.544	0.0	93	804517	8.05	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.833	4.832	0.0	92	1992453	8.86	
8 Chloromethane	50	5.025	5.025	0.0	99	362199	7.97	
9 Butane	43	5.287	5.287	0.0	95	624207	8.48	
10 Vinyl chloride	62	5.351	5.346	0.005	96	515110	7.88	
11 Butadiene	54	5.448	5.442	0.006	93	341925	8.50	
13 BFB								
12 Bromomethane	94	6.314	6.314	0.0	99	530623	7.85	
14 Chloroethane	64	6.603	6.598	0.005	99	278020	7.99	
15 2-Methylbutane	43	6.694	6.678	0.016	86	501192	8.92	
16 Vinyl bromide	106	7.079	7.079	0.0	96	752860	8.36	
17 Trichlorofluoromethane	101	7.197	7.192	0.005	98	2306138	7.80	
18 Pentane	43	7.363	7.357	0.006	93	773960	9.83	
19 Ethanol	45	7.802	7.796	0.006	99	207660	12.6	
21 Ethyl ether	59	7.946	7.941	0.005	91	422831	10.3	
22 Acrolein	56	8.406	8.406	0.0	96	186687	10.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.449	8.443	0.006	95	1511482	8.17	
24 1,1-Dichloroethene	96	8.518	8.518	0.0	94	695415	8.72	
25 Acetone	43	8.754	8.748	0.006	87	819994	9.79	
26 Carbon disulfide	76	9.005	9.000	0.005	98	1773118	9.66	
27 Isopropyl alcohol	45	9.037	9.032	0.005	88	521875	7.43	
29 3-Chloro-1-propene	41	9.407	9.406	0.0	82	501305	8.84	
30 Acetonitrile	41	9.540	9.535	0.005	98	270842	8.82	
31 Methylene Chloride	49	9.738	9.733	0.005	79	486857	8.35	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	99	1033548	8.11	
33 Methyl tert-butyl ether	73	10.166	10.161	0.005	94	2100076	9.95	
S 41 1,2-Dichloroethene, Total	61				0		18.1	
34 trans-1,2-Dichloroethene	61	10.236	10.236	0.0	88	875421	9.11	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	35			10.385	10.385	0.0	93	331253	9.27
	36			10.653	10.653	0.0	89	832234	10.3
	37			11.199	11.199	0.0	99	1049239	8.11
	38			11.241	11.236	0.005	99	1100456	9.16
	39			12.370	12.375	-0.005	97	755409	8.97
	40			12.397	12.392	0.005	100	314618	8.87
	42			12.408	12.413	-0.005	97	65479	9.49
	44			12.852	12.846	0.006	81	459913	8.86
*	43			12.862	12.852	0.010	69	576959	10.0
	45			12.969	12.964	0.005	99	1595470	8.25
	46			13.269	13.264	0.005	83	962676	9.61
	47			13.280	13.280	0.0	95	1903809	8.31
	48			13.531	13.531	0.0	98	2083351	7.97
	51			13.927	13.927	0.0	97	2615633	9.80
	50			13.986	13.986	0.0	94	2044509	8.55
	52			14.146	14.141	0.005	99	1022839	8.45
	53			14.280	14.275	0.005	81	818170	9.82
*	54			14.746	14.745	0.001	92	2743463	10.0
A	57			14.769	6.668 - 22.871		0	269637348	0
	55			15.029	15.024	0.005	84	246610	8.31
	56			15.211	15.211	0.0	95	1089561	8.85
	58			15.730	15.730	0.0	86	622938	8.55
	59			15.815	15.815	0.0	76	708455	9.38
	60			15.906	15.901	0.005	86	325166	7.77
	61			15.976	15.970	0.006	88	1242876	8.23
	62			16.222	16.222	0.0	98	1768227	8.39
A	63			16.631	4.373 - 28.889		0	486697765	2446.3
	64			17.083	17.083	0.0	89	1171279	9.83
	65			17.324	17.324	0.0	90	1051398	9.01
	69			17.656	17.656	0.0	79	1084256	9.82
A	68			17.656	17.606 - 17.706		0	11683641	NC
A	67			17.661	17.621 - 17.701		0	11683641	NC
	66			17.661	17.661	0.0	93	1642194	9.08
	70			18.191	18.191	0.0	94	1302494	9.52
	71			18.560	18.560	0.0	92	772914	8.57
	72			18.699	18.699	0.0	97	1944046	8.64
	73			18.950	18.950	0.0	90	952369	9.35
	74			19.314	19.314	0.0	97	2136776	8.53
	75			19.603	19.603	0.0	99	1652351	9.03
S	82			106			0		27.6
*	76			20.443	20.443	0.0	83	2494405	10.0
	77			20.502	20.502	0.0	96	2528783	8.36
	78			20.619	20.614	0.005	95	3851733	9.11
	79			20.673	20.673	0.0	79	1298443	9.21
	80			20.833	20.833	0.0	100	3059721	17.9
	83			21.545	21.545	0.0	94	1551144	9.64
	84			21.582	21.582	0.0	95	2332878	9.77
	85			21.962	21.962	0.0	99	2234851	8.87
	86			22.117	22.112	0.005	95	4932625	9.97
\$	87			22.454	22.444	0.010	97	1831032	NC
	88			22.679	22.668	0.011	94	2111331	8.61
	90			22.759	22.743	0.016	99	5441121	9.45

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
89	1,2,3-Trichloropropane		75	22.786	22.770	0.016	93	1622321	8.60
93	n-Decane		57	22.872	22.861	0.011	82	1799683	9.12
91	4-Ethyltoluene		105	22.925	22.909	0.016	96	5065784	9.20
92	2-Chlorotoluene		91	22.957	22.946	0.011	94	4143273	8.60
94	1,3,5-Trimethylbenzene		105	23.016	23.005	0.011	92	4490791	8.81
95	Alpha Methyl Styrene		118	23.369	23.353	0.016	89	2213065	10.4
96	tert-Butylbenzene		119	23.492	23.481	0.011	92	4402388	8.89
97	1,2,4-Trimethylbenzene		105	23.589	23.572	0.017	97	4400273	9.05
98	sec-Butylbenzene		105	23.824	23.808	0.016	98	5981883	8.93
99	4-Isopropyltoluene		119	24.027	24.011	0.016	87	5428368	9.21
100	1,3-Dichlorobenzene		146	24.091	24.081	0.010	97	3053631	8.61
101	1,4-Dichlorobenzene		146	24.236	24.225	0.011	96	2971448	9.01
102	Benzyl chloride		91	24.450	24.434	0.016	100	2720950	9.18
104	Undecane		57	24.642	24.626	0.016	87	1803329	9.01
103	n-Butylbenzene		91	24.664	24.653	0.011	97	3940639	8.81
105	1,2-Dichlorobenzene		146	24.840	24.830	0.010	98	2982307	8.64
106	Dodecane		57	26.440	26.434	0.006	89	1218498	9.30
107	1,2,4-Trichlorobenzene		180	27.729	27.724	0.005	94	1576106	8.89
108	Hexachlorobutadiene		225	27.938	27.927	0.011	95	2266007	8.08
109	Naphthalene		128	28.318	28.312	0.006	99	3138431	9.08
110	1,2,3-Trichlorobenzene		180	28.885	28.879	0.006	95	1463085	8.86

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_014.d

Injection Date: 12-Feb-2014 03:20:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: ICV

Lab Sample ID: ICV 200-68232/14-A

Worklist Smp#: 14

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

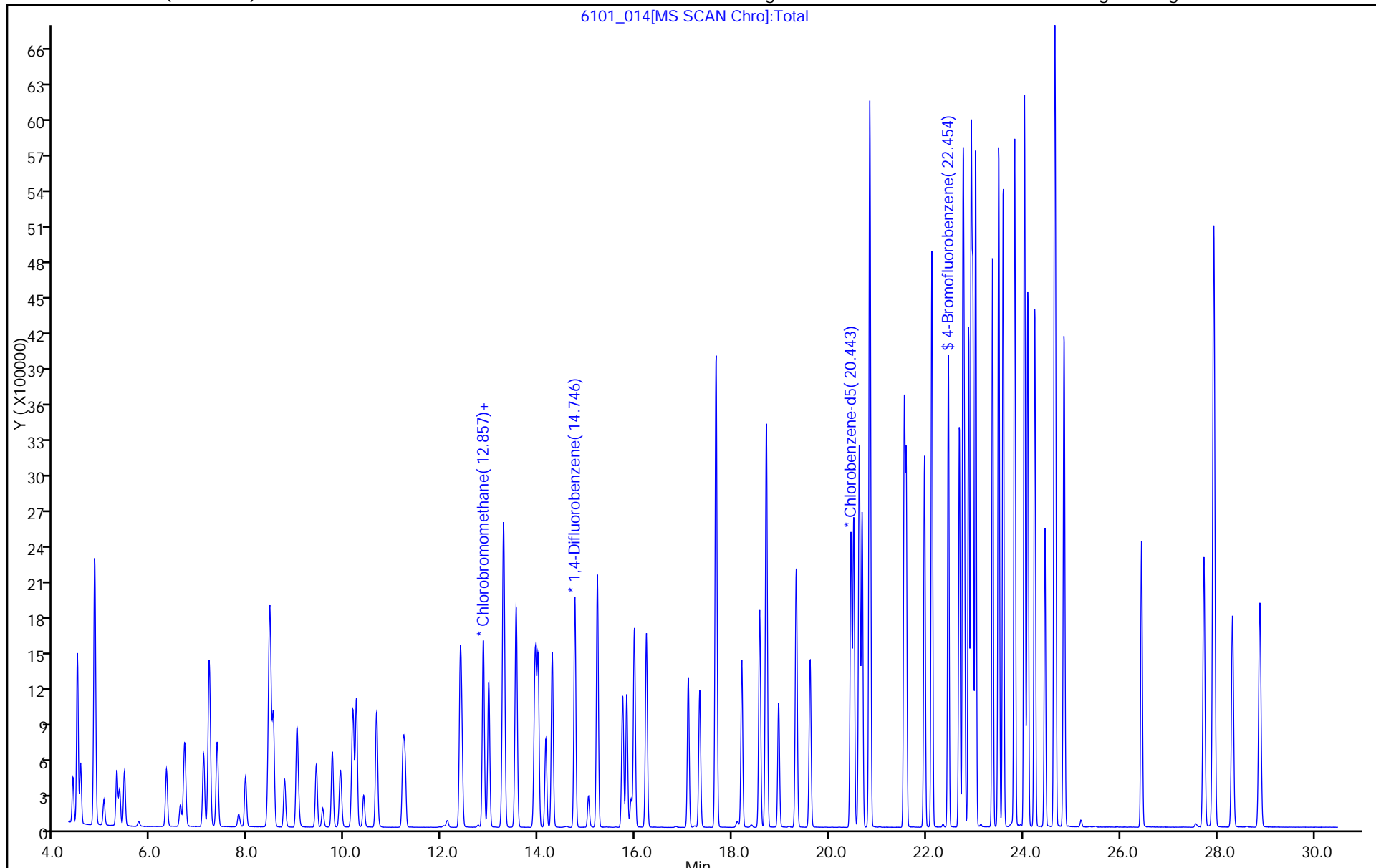
ALS Bottle#: 9

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: CCVIS 200-68730/2 Calibration Date: 02/24/2014 11:15
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6282_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6601	0.7846		11.9	10.0	18.9	30.0
Freon 12	Ave	4.574	5.300		11.6	10.0	15.9	30.0
Freon 22	Ave	1.733	1.995		11.5	10.0	15.1	30.0
Freon-114	Ave	3.900	4.312		11.1	10.0	10.6	30.0
Chloromethane	Ave	0.7873	0.9114		11.6	10.0	15.8	30.0
n-Butane	Ave	1.276	1.426		11.2	10.0	11.8	30.0
Vinyl chloride	Ave	1.133	1.138		10.0	10.0	0.5	30.0
1,3-Butadiene	Ave	0.6968	0.7513		10.8	10.0	7.8	30.0
Bromomethane	Ave	1.171	1.192		10.2	10.0	1.7	30.0
Chloroethane	Ave	0.6027	0.6359		10.5	10.0	5.5	30.0
Isopentane	Ave	0.9735	1.062		10.9	10.0	9.1	30.0
Vinyl bromide	Ave	1.561	1.792		11.5	10.0	14.8	30.0
Freon 11	Ave	5.126	5.536		10.8	10.0	8.0	30.0
n-Pentane	Ave	1.364	1.675		12.3	10.0	22.7	30.0
Ethanol	Ave	0.2860	0.3366		17.7	15.0	17.7	30.0
Ethyl ether	Ave	0.7138	0.8680		12.2	10.0	21.6	30.0
Acrolein	Ave	0.3000	0.3555		11.8	10.0	18.5	30.0
Freon 113	Ave	3.208	3.430		10.7	10.0	6.9	30.0
1,1-Dichloroethene	Ave	1.382	1.617		11.7	10.0	17.1	30.0
Acetone	Ave	1.452	1.705		11.7	10.0	17.4	30.0
Carbon disulfide	Ave	3.183	3.559		11.2	10.0	11.8	30.0
Isopropyl alcohol	Ave	1.217	1.477		12.1	10.0	21.4	30.0
Allyl chloride	Ave	0.9827	1.237		12.6	10.0	25.9	30.0
Acetonitrile	Ave	0.5322	0.6421		12.1	10.0	20.7	30.0
Methylene Chloride	Ave	1.011	1.123		11.1	10.0	11.1	30.0
tert-Butyl alcohol	Ave	2.208	2.633		11.9	10.0	19.3	30.0
Methyl tert-butyl ether	Ave	3.658	4.742		13.0	10.0	29.6	30.0
trans-1,2-Dichloroethene	Ave	1.666	1.909		11.5	10.0	14.6	30.0
Acrylonitrile	Ave	0.6196	0.7190		11.6	10.0	16.0	30.0
Hexane	Ave	1.400	1.784		12.7	10.0	27.5	30.0
1,1-Dichloroethane	Ave	2.242	2.374		10.6	10.0	5.9	30.0
Vinyl acetate	Ave	2.083	2.635		12.6	10.0	26.5	30.0
cis-1,2-Dichloroethene	Ave	1.459	1.724		11.8	10.0	18.1	30.0
Methyl Ethyl Ketone	Ave	0.6148	0.6994		11.4	10.0	13.8	30.0
Ethyl acetate	Ave	0.1195	0.1357		11.4	10.0	13.5	30.0
Tetrahydrofuran	Ave	0.1892	0.2170		11.5	10.0	14.7	30.0
Chloroform	Ave	3.351	3.638		10.9	10.0	8.6	30.0
Cyclohexane	Ave	0.3651	0.4532		12.4	10.0	24.1	30.0
1,1,1-Trichloroethane	Ave	0.8347	0.9168		11.0	10.0	9.8	30.0
Carbon tetrachloride	Ave	0.9534	1.007		10.6	10.0	5.6	30.0
2,2,4-Trimethylpentane	Ave	0.9724	1.252		12.9	10.0	28.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: CCVIS 200-68730/2 Calibration Date: 02/24/2014 11:15
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6282_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.8714	0.9547		11.0	10.0	9.6	30.0
1,2-Dichloroethane	Ave	0.4411	0.4883		11.1	10.0	10.7	30.0
Heptane	Ave	0.3036	0.3911		12.9	10.0	28.8	30.0
n-Butanol	Ave	0.1081	0.1272		11.8	10.0	17.7	30.0
Trichloroethene	Ave	0.4486	0.5106		11.4	10.0	13.8	30.0
1,2-Dichloropropane	Ave	0.2654	0.2998		11.3	10.0	13.0	30.0
Methyl methacrylate	Ave	0.2752	0.3256		11.8	10.0	18.3	30.0
1,4-Dioxane	Ave	0.1525	0.1777		11.6	10.0	16.5	30.0
Dibromomethane	Ave	0.5502	0.5822		10.6	10.0	5.8	30.0
Bromodichloromethane	Ave	0.7680	0.8567		11.2	10.0	11.5	30.0
cis-1,3-Dichloropropene	Ave	0.4344	0.5551		12.8	10.0	27.8	30.0
methyl isobutyl ketone	Ave	0.4254	0.5089		12.0	10.0	19.6	30.0
n-Octane	Ave	0.4024	0.5120		12.7	10.0	27.3	30.0
Toluene	Ave	0.7252	0.8329		11.5	10.0	14.8	30.0
trans-1,3-Dichloropropene	Ave	0.4984	0.6129		12.3	10.0	23.0	30.0
1,1,2-Trichloroethane	Ave	0.3616	0.3910		10.8	10.0	8.1	30.0
Tetrachloroethene	Ave	0.9024	0.997		11.1	10.0	10.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.4083	0.4867		11.9	10.0	19.2	30.0
Dibromochloromethane	Ave	1.004	1.145		11.4	10.0	14.0	30.0
1,2-Dibromoethane	Ave	0.7336	0.8423		11.5	10.0	14.8	30.0
Chlorobenzene	Ave	1.213	1.288		10.6	10.0	6.2	30.0
Ethylbenzene	Ave	1.694	1.978		11.7	10.0	16.7	30.0
n-Nonane	Ave	0.5654	0.6664		11.8	10.0	17.9	30.0
m,p-Xylene	Ave	0.6834	0.7756		22.7	20.0	13.5	30.0
Xylene, o-	Ave	0.6450	0.7908		12.3	10.0	22.6	30.0
Styrene	Ave	0.9570	1.167		12.2	10.0	22.0	30.0
Bromoform	Ave	1.010	1.150		11.4	10.0	13.9	30.0
Cumene	Ave	1.983	2.470		12.5	10.0	24.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9828	1.017		10.3	10.0	3.4	30.0
n-Propylbenzene	Ave	2.308	2.735		11.8	10.0	18.5	30.0
1,2,3-Trichloropropane	Ave	0.7563	0.8191		10.8	10.0	8.3	30.0
n-Decane	Ave	0.7915	0.8917		11.3	10.0	12.7	30.0
4-Ethyltoluene	Ave	2.208	2.495		11.3	10.0	13.0	30.0
2-Chlorotoluene	Ave	1.930	2.080		10.8	10.0	7.7	30.0
1,3,5-Trimethylbenzene	Ave	2.043	2.255		11.0	10.0	10.4	30.0
Alpha Methyl Styrene	Ave	0.8513	1.058		12.4	10.0	24.3	30.0
tert-Butylbenzene	Ave	1.984	2.251		11.3	10.0	13.5	30.0
1,2,4-Trimethylbenzene	Ave	1.950	2.189		11.2	10.0	12.2	30.0
sec-Butylbenzene	Ave	2.687	3.050		11.3	10.0	13.5	30.0
4-Isopropyltoluene	Ave	2.363	2.746		11.6	10.0	16.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Lab Sample ID: CCVIS 200-68730/2 Calibration Date: 02/24/2014 11:15
 Instrument ID: CHW.i Calib Start Date: 02/11/2014 19:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 02/12/2014 00:55
 Lab File ID: 6282_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.421	1.440		10.1	10.0	1.3	30.0
1,4-Dichlorobenzene	Ave	1.323	1.373		10.4	10.0	3.8	30.0
Benzyl chloride	Ave	1.188	1.338		11.3	10.0	12.6	30.0
n-Undecane	Ave	0.8026	0.7744		9.65	10.0	-3.5	30.0
n-Butylbenzene	Ave	1.792	1.806		10.1	10.0	0.7	30.0
1,2-Dichlorobenzene	Ave	1.383	1.324		9.57	10.0	-4.3	30.0
n-Dodecane	Ave	0.5251	0.4317		8.22	10.0	-17.8	30.0
1,2,4-Trichlorobenzene	Ave	0.7107	0.5396		7.59	10.0	-24.1	30.0
Hexachloro-1,3-butadiene	Ave	1.124	1.078		9.59	10.0	-4.1	30.0
Naphthalene	Ave	1.386	0.9729		7.02	10.0	-29.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6622	0.5592		8.44	10.0	-15.6	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_002.d
 Lims ID: CCVIS Lab Sample ID: VIBLK 200-68235/2-A
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 24-Feb-2014 11:15:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-002
 Misc. Info.: CCVIS
 Operator ID: bl Instrument ID: CHW.i
 Sublist: chrom-TO15_LLNJ_TO3_W_(v1)*sub2
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 15:16:59 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.372	4.372	0.0	97	322086	11.9	
2 Dichlorodifluoromethane	85	4.463	4.463	0.0	99	2175598	11.6	
6 Chlorodifluoromethane	51	4.533	4.533	0.0	74	818742	11.5	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.816	4.816	0.0	87	1770026	11.1	
8 Chloromethane	50	5.009	5.009	0.0	100	374131	11.6	
9 Butane	43	5.276	5.276	0.0	94	585216	11.2	
10 Vinyl chloride	62	5.330	5.330	0.0	82	467057	10.0	
11 Butadiene	54	5.432	5.432	0.0	94	308382	10.8	
12 Bromomethane	94	6.304	6.304	0.0	98	489177	10.2	
13 BFB								
14 Chloroethane	64	6.582	6.582	0.0	99	261041	10.5	
15 2-Methylbutane	43	6.678	6.678	0.0	85	436027	10.9	
16 Vinyl bromide	106	7.069	7.069	0.0	96	735574	11.5	
17 Trichlorofluoromethane	101	7.186	7.186	0.0	98	2272659	10.8	
18 Pentane	43	7.347	7.347	0.0	93	687375	12.3	
19 Ethanol	45	7.802	7.802	0.0	99	207339	17.7	
21 Ethyl ether	59	7.930	7.930	0.0	92	356286	12.2	
22 Acrolein	56	8.401	8.401	0.0	97	145922	11.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	8.438	8.438	0.0	93	1408058	10.7	
24 1,1-Dichloroethene	96	8.508	8.508	0.0	95	663920	11.7	
25 Acetone	43	8.743	8.743	0.0	88	699914	11.7	
26 Carbon disulfide	76	8.995	8.995	0.0	99	1460996	11.2	
27 Isopropyl alcohol	45	9.027	9.027	0.0	97	606230	12.1	
29 3-Chloro-1-propene	41	9.396	9.396	0.0	82	507698	12.6	
30 Acetonitrile	41	9.530	9.530	0.0	98	263565	12.1	
31 Methylene Chloride	49	9.727	9.727	0.0	80	461124	11.1	
32 2-Methyl-2-propanol	59	9.899	9.899	0.0	98	1080891	11.9	
33 Methyl tert-butyl ether	73	10.155	10.155	0.0	94	1946490	13.0	
S 41 1,2-Dichloroethene, Total	61				0		23.3	
34 trans-1,2-Dichloroethene	61	10.230	10.230	0.0	89	783549	11.5	
35 Acrylonitrile	53	10.375	10.375	0.0	92	295151	11.6	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
36	Hexane		57	10.642	10.642	0.0	89	732326	12.7
37	1,1-Dichloroethane		63	11.193	11.193	0.0	99	974559	10.6
38	Vinyl acetate		43	11.231	11.231	0.0	99	1081832	12.6
39	cis-1,2-Dichloroethene		96	12.370	12.370	0.0	97	707729	11.8
40	2-Butanone (MEK)		72	12.386	12.386	0.0	100	287103	11.4
42	Ethyl acetate		88	12.408	12.408	0.0	98	55708	11.4
44	Tetrahydrofuran		42	12.846	12.846	0.0	87	423874	11.5
*	43 Chlorobromomethane		128	12.857	12.857	0.0	68	410568	10.0
45	Chloroform		83	12.959	12.959	0.0	99	1493215	10.9
46	Cyclohexane		84	13.258	13.258	0.0	82	885214	12.4
47	1,1,1-Trichloroethane		97	13.269	13.269	0.0	95	1790576	11.0
48	Carbon tetrachloride		117	13.531	13.531	0.0	98	1966470	10.6
51	Isooctane		57	13.927	13.927	0.0	97	2445925	12.9
50	Benzene		78	13.980	13.980	0.0	93	1864693	11.0
52	1,2-Dichloroethane		62	14.141	14.141	0.0	99	953730	11.1
53	n-Heptane		43	14.275	14.275	0.0	82	763814	12.9
*	54 1,4-Difluorobenzene		114	14.740	14.740	0.0	93	1953552	10.0
A	57 GRO		1	14.767	6.668 - 22.866		0	261058062	0
55	n-Butanol		56	15.018	15.018	0.0	85	248528	11.8
56	Trichloroethene		95	15.206	15.206	0.0	95	997335	11.4
58	1,2-Dichloropropane		63	15.730	15.730	0.0	84	585612	11.3
59	Methyl methacrylate		69	15.810	15.810	0.0	76	635968	11.8
60	1,4-Dioxane		88	15.896	15.896	0.0	84	347021	11.6
61	Dibromomethane		174	15.971	15.971	0.0	88	1137037	10.6
62	Dichlorobromomethane		83	16.217	16.217	0.0	98	1673272	11.2
A	63 TVOC as Toluene		1	16.572	4.362 - 28.782		0	437681100	3089.4
64	cis-1,3-Dichloropropene		75	17.083	17.083	0.0	90	1084201	12.8
65	4-Methyl-2-pentanone (MIBK)		43	17.319	17.319	0.0	90	994000	12.0
69	n-Octane		43	17.650	17.650	0.0	79	1000083	12.7
A	68 C8 Range		1	17.650	17.600 - 17.700		0	10624338	NC
66	Toluene		92	17.656	17.656	0.0	93	1480049	11.5
A	67 Toluene Range		1	17.656	17.616 - 17.696		0	10624338	NC
70	trans-1,3-Dichloropropene		75	18.185	18.185	0.0	95	1197029	12.3
71	1,1,2-Trichloroethane		83	18.560	18.560	0.0	92	694818	10.8
72	Tetrachloroethene		166	18.694	18.694	0.0	98	1772466	11.1
73	2-Hexanone		43	18.945	18.945	0.0	90	864953	11.9
74	Chlorodibromomethane		129	19.314	19.314	0.0	97	2034967	11.4
75	Ethylene Dibromide		107	19.598	19.598	0.0	99	1496784	11.5
S	82 Xylenes, Total		106				0		35.0
*	76 Chlorobenzene-d5		117	20.443	20.443	0.0	84	1777392	10.0
77	Chlorobenzene		112	20.502	20.502	0.0	96	2288555	10.6
78	Ethylbenzene		91	20.614	20.614	0.0	97	3514626	11.7
79	n-Nonane		57	20.673	20.673	0.0	78	1184208	11.8
80	m-Xylene & p-Xylene		106	20.828	20.828	0.0	100	2756610	22.7
83	o-Xylene		106	21.545	21.545	0.0	94	1405279	12.3
84	Styrene		104	21.582	21.582	0.0	95	2074011	12.2
85	Bromoform		173	21.957	21.957	0.0	99	2043809	11.4
86	Isopropylbenzene		105	22.107	22.107	0.0	95	4390167	12.5
\$	87 4-Bromofluorobenzene		95	22.444	22.444	0.0	97	1277037	NC
88	1,1,2,2-Tetrachloroethane		83	22.668	22.668	0.0	94	1806474	10.3
90	N-Propylbenzene		91	22.743	22.743	0.0	98	4859368	11.8
89	1,2,3-Trichloropropane		75	22.770	22.770	0.0	86	1455584	10.8

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	22.856	22.856	0.0	82	1584521	11.3
91	4-Ethyltoluene		105	22.909	22.909	0.0	96	4434383	11.3
92	2-Chlorotoluene		91	22.941	22.941	0.0	92	3695684	10.8
94	1,3,5-Trimethylbenzene		105	23.000	23.000	0.0	92	4007403	11.0
95	Alpha Methyl Styrene		118	23.348	23.348	0.0	89	1880784	12.4
96	tert-Butylbenzene		119	23.476	23.476	0.0	93	4000786	11.3
97	1,2,4-Trimethylbenzene		105	23.572	23.572	0.0	97	3889320	11.2
98	sec-Butylbenzene		105	23.808	23.808	0.0	97	5420035	11.3
99	4-Isopropyltoluene		119	24.011	24.011	0.0	88	4879783	11.6
100	1,3-Dichlorobenzene		146	24.075	24.075	0.0	97	2558548	10.1
101	1,4-Dichlorobenzene		146	24.220	24.220	0.0	96	2440277	10.4
102	Benzyl chloride		91	24.428	24.428	0.0	99	2376993	11.3
104	Undecane		57	24.616	24.616	0.0	90	1376086	9.65
103	n-Butylbenzene		91	24.642	24.642	0.0	97	3208822	10.1
105	1,2-Dichlorobenzene		146	24.819	24.819	0.0	98	2353260	9.57
106	Dodecane		57	26.381	26.381	0.0	89	767073	8.22
107	1,2,4-Trichlorobenzene		180	27.644	27.644	0.0	94	958816	7.59
108	Hexachlorobutadiene		225	27.842	27.842	0.0	94	1915039	9.59
109	Naphthalene		128	28.221	28.221	0.0	99	1728934	7.02
110	1,2,3-Trichlorobenzene		180	28.772	28.772	0.0	94	993692	8.44

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_002.d

Injection Date: 24-Feb-2014 11:15:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: CCVIS

Lab Sample ID: VIBLK 200-68235/2-A

Worklist Smp#: 2

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

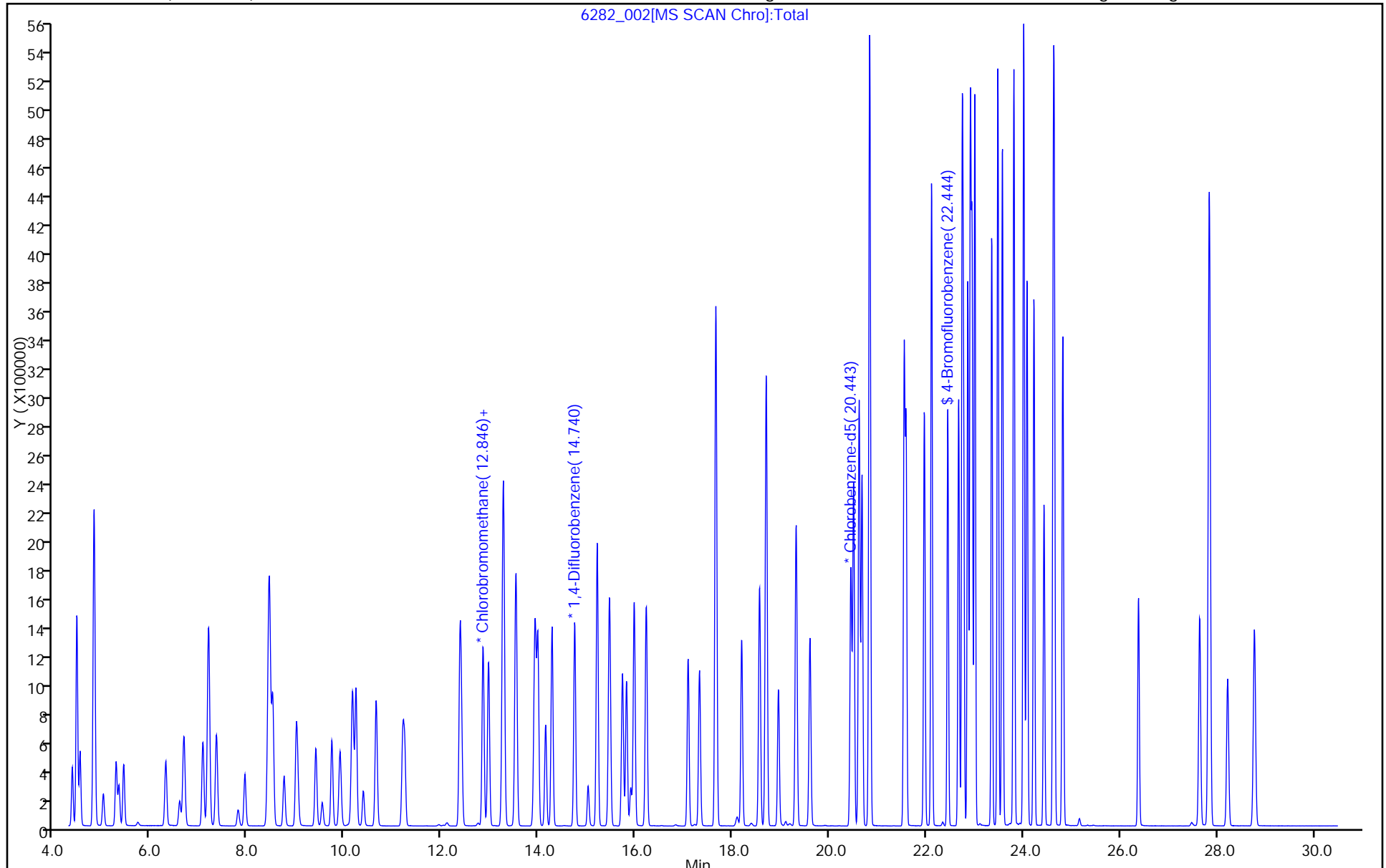
ALS Bottle#: 1

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 20-Feb-2014 12:20:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006246-001
 Misc. Info.: BFB
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:43:57 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

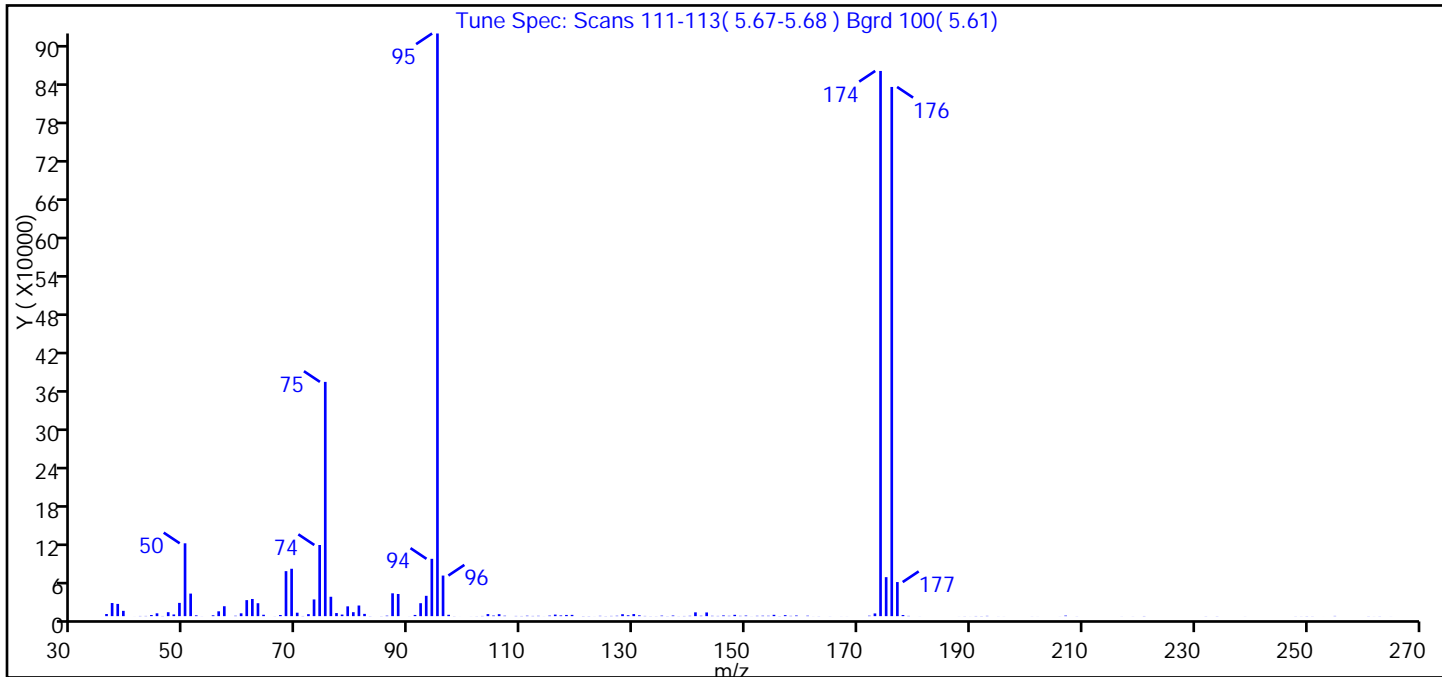
First Level Reviewer: daiglep Date: 21-Feb-2014 12:08:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane		128	10.563					
* 54 1,4-Difluorobenzene		114	12.628					
* 76 Chlorobenzene-d5		117	18.786					
\$ 87 4-Bromofluorobenzene		95	21.108					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D
 Injection Date: 20-Feb-2014 12:20:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.50
75	30.00 - 66.00% of mass 95	40.20
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.50 (0.50)
174	50.00 - 120.00% of mass 95	93.60
175	4.00 - 9.00% of mass 174	6.70 (7.20)
176	93.00 - 101.00% of mass 174	90.80 (97.10)
177	5.00 - 9.00% of mass 176	5.80 (6.40)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d
Injection Date: 20-Feb-2014 12:20:30
Spectrum: Tune Spec: Scans 111-113(5.67-5.68) Bgrd 100(5.61)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3367	80.00	6227	125.00	195	168.00	59
37.00	20608	81.00	16712	126.00	363	172.00	676
38.00	19232	82.00	3556	127.00	575	173.00	4259
39.00	8327	83.00	178	128.00	3045	174.00	856768
41.00	49	85.00	149	129.00	1355	175.00	61280
42.00	298	86.00	731	130.00	3272	176.00	831616
43.00	319	87.00	35880	131.00	1265	177.00	53560
44.00	1764	88.00	34824	132.00	326	178.00	1751
45.00	4446	90.00	69	133.00	146	179.00	370
46.00	269	91.00	1887	134.00	141	181.00	55
47.00	6194	92.00	20352	135.00	804	188.00	52
48.00	2629	93.00	31936	136.00	177	189.00	136
49.00	20832	94.00	90080	137.00	969	190.00	53
50.00	114456	95.00	915648	138.00	123	191.00	251
51.00	35448	96.00	63776	139.00	282	192.00	205
52.00	1266	97.00	2130	140.00	506	193.00	416
53.00	82	98.00	139	141.00	5963	195.00	67
55.00	1317	99.00	31	142.00	617	196.00	58
56.00	7593	101.00	56	143.00	5809	201.00	86
57.00	15575	102.00	134	144.00	488	202.00	51
59.00	588	103.00	310	145.00	348	206.00	63
60.00	4442	104.00	3258	146.00	1129	207.00	828
61.00	25168	105.00	904	147.00	492	209.00	114
62.00	26968	106.00	3104	148.00	2079	217.00	78
63.00	20328	107.00	646	149.00	456	219.00	84
64.00	2200	109.00	331	150.00	913	221.00	240
66.00	104	110.00	269	151.00	75	232.00	143
67.00	1801	111.00	660	152.00	499	234.00	165
68.00	70712	112.00	331	153.00	658	239.00	62
69.00	74464	113.00	491	154.00	561	248.00	118
70.00	5419	114.00	50	155.00	2092	249.00	97
71.00	264	115.00	820	156.00	185	250.00	192
72.00	3137	116.00	2432	157.00	1542	251.00	127

Report Date: 25-Feb-2014 11:43:58

Chrom Revision: 2.2 06-Feb-2014 15:19:06

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d

Injection Date: 20-Feb-2014 12:20:30

Spectrum: Tune Spec: Scans 111-113(5.67-5.68) Bgrd 100(5.61)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 159

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	26272	117.00	1125	158.00	421	253.00	13
74.00	111792	118.00	1885	159.00	978	255.00	344
75.00	368128	119.00	1996	161.00	681	261.00	143
76.00	30456	121.00	219	162.00	54	262.00	64
77.00	4870	122.00	206	163.00	132	263.00	140
78.00	2471	123.00	62	165.00	87	265.00	52
79.00	15416	124.00	477	167.00	59		

TestAmerica Burlington
Target Compound Quantitation Report

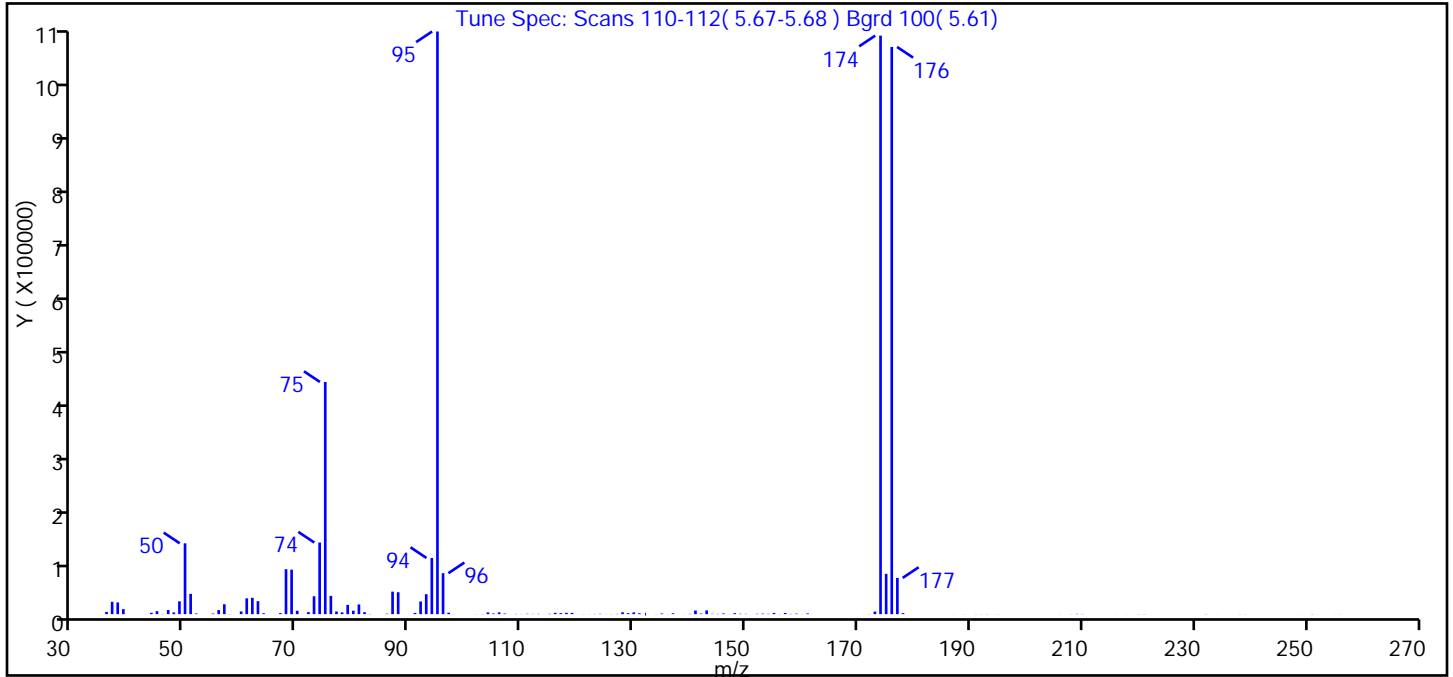
Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 21-Feb-2014 11:00:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-001
 Misc. Info.: bfb
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:07 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128	10.563						
* 54 1,4-Difluorobenzene	114	12.623						
* 76 Chlorobenzene-d5	117	18.786						
\$ 87 4-Bromofluorobenzene	95	21.107						

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D
 Injection Date: 21-Feb-2014 11:00:30 Instrument ID: CHG.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_G Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.20
75	30.00 - 66.00% of mass 95	39.80
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.40 (0.40)
174	50.00 - 120.00% of mass 95	99.30
175	4.00 - 9.00% of mass 174	6.90 (7.00)
176	93.00 - 101.00% of mass 174	97.30 (98.00)
177	5.00 - 9.00% of mass 176	6.20 (6.40)

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d
Injection Date: 21-Feb-2014 11:00:30
Spectrum: Tune Spec: Scans 110-112(5.67-5.68) Bgrd 100(5.61)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	50	80.00	6333	126.00	226	171.00	109
36.00	4048	81.00	17896	127.00	450	172.00	321
37.00	22768	82.00	3634	128.00	3390	173.00	4759
38.00	21584	83.00	338	129.00	1836	174.00	1066496
39.00	9261	84.00	52	130.00	3239	175.00	74368
41.00	44	86.00	794	131.00	1579	176.00	1045632
43.00	135	87.00	41448	132.00	1	177.00	66816
44.00	2480	88.00	40408	133.00	13	178.00	1902
45.00	5529	91.00	2255	134.00	172	183.00	53
46.00	334	92.00	23328	135.00	1232	187.00	83
47.00	7574	93.00	36816	136.00	167	189.00	147
48.00	3108	94.00	103528	137.00	1580	191.00	222
49.00	23608	95.00	1074176	138.00	50	192.00	142
50.00	130592	96.00	75464	139.00	130	193.00	281
51.00	37400	97.00	2680	140.00	508	194.00	27
52.00	1233	98.00	126	141.00	6663	195.00	173
55.00	1122	100.00	52	142.00	1046	196.00	51
56.00	7604	102.00	140	143.00	6854	206.00	130
57.00	18272	103.00	239	144.00	486	208.00	171
58.00	287	104.00	3260	145.00	507	209.00	519
60.00	4980	105.00	1239	146.00	1265	210.00	362
61.00	29128	106.00	3242	147.00	199	216.00	74
62.00	30112	107.00	1124	148.00	1814	218.00	105
63.00	23880	109.00	390	149.00	704	220.00	193
64.00	1629	110.00	187	150.00	530	221.00	252
66.00	91	111.00	617	151.00	73	232.00	285
67.00	1869	112.00	353	152.00	675	234.00	75
68.00	82824	113.00	503	153.00	924	236.00	65
69.00	82016	115.00	621	154.00	613	238.00	140
70.00	6280	116.00	2442	155.00	2324	239.00	138
71.00	50	117.00	1773	156.00	197	241.00	54
72.00	3824	118.00	2482	157.00	2248	247.00	10
73.00	32976	119.00	2323	158.00	444	249.00	94

Report Date: 24-Feb-2014 11:38:07

Chrom Revision: 2.2 06-Feb-2014 15:19:06

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_001.D\TO15_LLNJ_TO3_G.rsl\spectra.d

Injection Date: 21-Feb-2014 11:00:30

Spectrum: Tune Spec: Scans 110-112(5.67-5.68) Bgrd 100(5.61)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	131968	120.00	28	159.00	915	251.00	271
75.00	428032	121.00	190	160.00	173	252.00	57
76.00	33712	122.00	91	161.00	1335	255.00	74
77.00	4946	123.00	280	163.00	47	256.00	129
78.00	3250	124.00	565	166.00	65	263.00	56
79.00	17080	125.00	195	169.00	61	265.00	69

TestAmerica Burlington
 Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6099_001.d
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 11-Feb-2014 16:00:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006099-001
 Misc. Info.: BFB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 12-Feb-2014 12:46:49 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK048

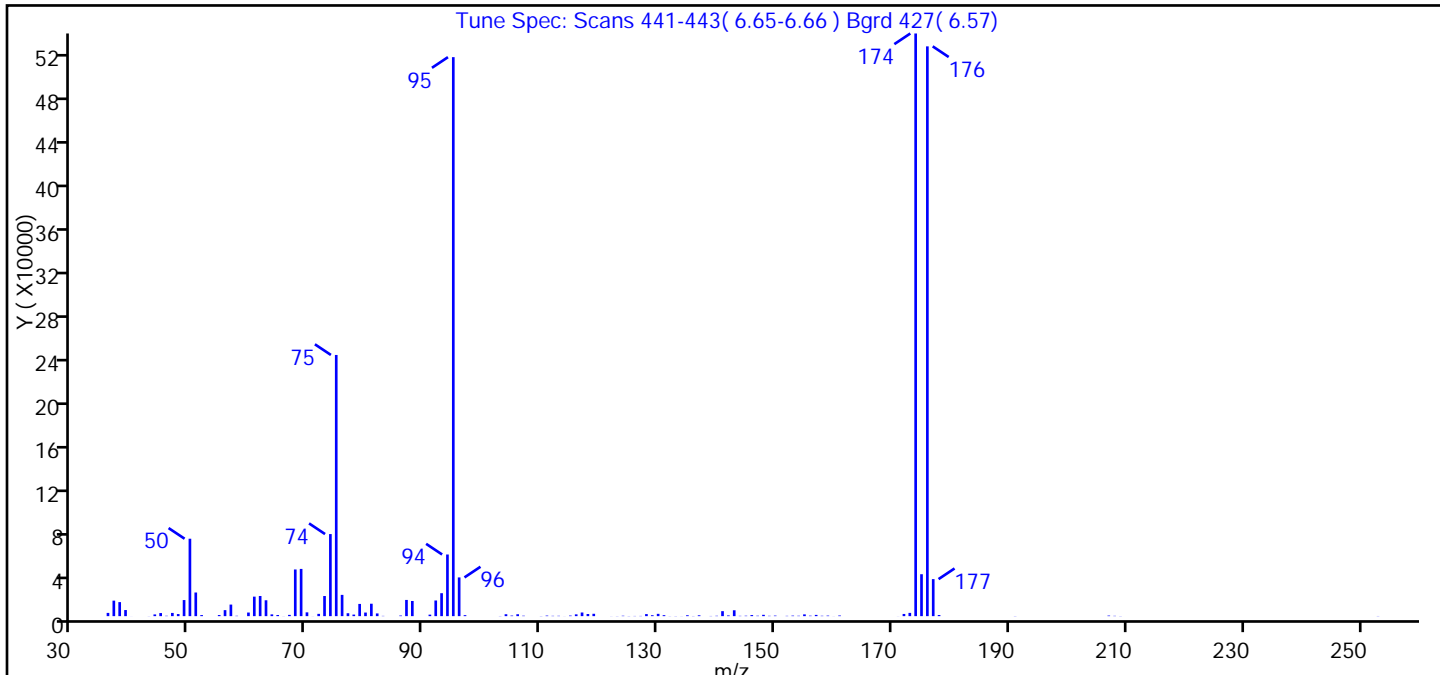
First Level Reviewer: lyonsb Date: 12-Feb-2014 12:46:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128		12.852					
* 54 1,4-Difluorobenzene	114		14.745					
* 76 Chlorobenzene-d5	117		20.443					
\$ 87 4-Bromofluorobenzene	95		22.444					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6099_001.d
 Injection Date: 11-Feb-2014 16:00:30 Instrument ID: CHW.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: PAD ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.80
75	30.00 - 66.00% of mass 95	46.70
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.60 (0.60)
174	50.00 - 120.00% of mass 95	104.20
175	4.00 - 9.00% of mass 174	7.50 (7.20)
176	93.00 - 101.00% of mass 174	101.90 (97.80)
177	5.00 - 9.00% of mass 176	6.60 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6099_001.d\TO15_LLNJ_TO3_W_(v1).rsf\spectra.d
 Injection Date: 11-Feb-2014 16:00:30
 Spectrum: Tune Spec: Scans 441-443(6.65-6.66) Bgrd 427(6.57)
 Base Peak: 174.00
 Minimum % Base Peak: 0
 Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2973	71.00	52	112.00	282	145.00	383
37.00	14243	72.00	2103	113.00	308	146.00	989
38.00	12893	73.00	18496	114.00	51	147.00	384
39.00	5605	74.00	75440	115.00	521	148.00	1222
40.00	37	75.00	240064	116.00	1649	149.00	298
43.00	84	76.00	19544	117.00	3350	150.00	493
44.00	1576	77.00	2681	118.00	1970	152.00	268
45.00	2833	78.00	1433	119.00	2172	153.00	480
46.00	337	79.00	11232	122.00	68	154.00	351
47.00	2955	80.00	3295	123.00	108	155.00	1616
48.00	1917	81.00	11418	124.00	364	156.00	428
49.00	14784	82.00	2494	125.00	134	157.00	1135
50.00	71152	83.00	232	126.00	180	158.00	339
51.00	21728	86.00	559	127.00	203	159.00	498
52.00	969	87.00	14891	128.00	1887	160.00	55
55.00	995	88.00	13928	129.00	835	161.00	581
56.00	5523	91.00	1374	130.00	2115	171.00	54
57.00	10632	92.00	14389	131.00	891	172.00	2014
58.00	324	93.00	21096	132.00	93	173.00	2988
60.00	3313	94.00	56664	133.00	127	174.00	535552
61.00	17928	95.00	513792	134.00	71	175.00	38536
62.00	18520	96.00	35592	135.00	806	176.00	523712
63.00	14591	97.00	911	136.00	144	177.00	34032
64.00	1614	103.00	141	137.00	771	178.00	1020
65.00	1027	104.00	1756	139.00	172	191.00	132
66.00	69	105.00	525	140.00	323	207.00	513
67.00	1159	106.00	1751	141.00	4581	208.00	274
68.00	42896	107.00	391	142.00	643	209.00	124
69.00	43408	110.00	128	143.00	5401	253.00	142
70.00	3488	111.00	507	144.00	274		

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_001.d
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 24-Feb-2014 10:20:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-001
 Misc. Info.: BFB
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 10:58:22 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

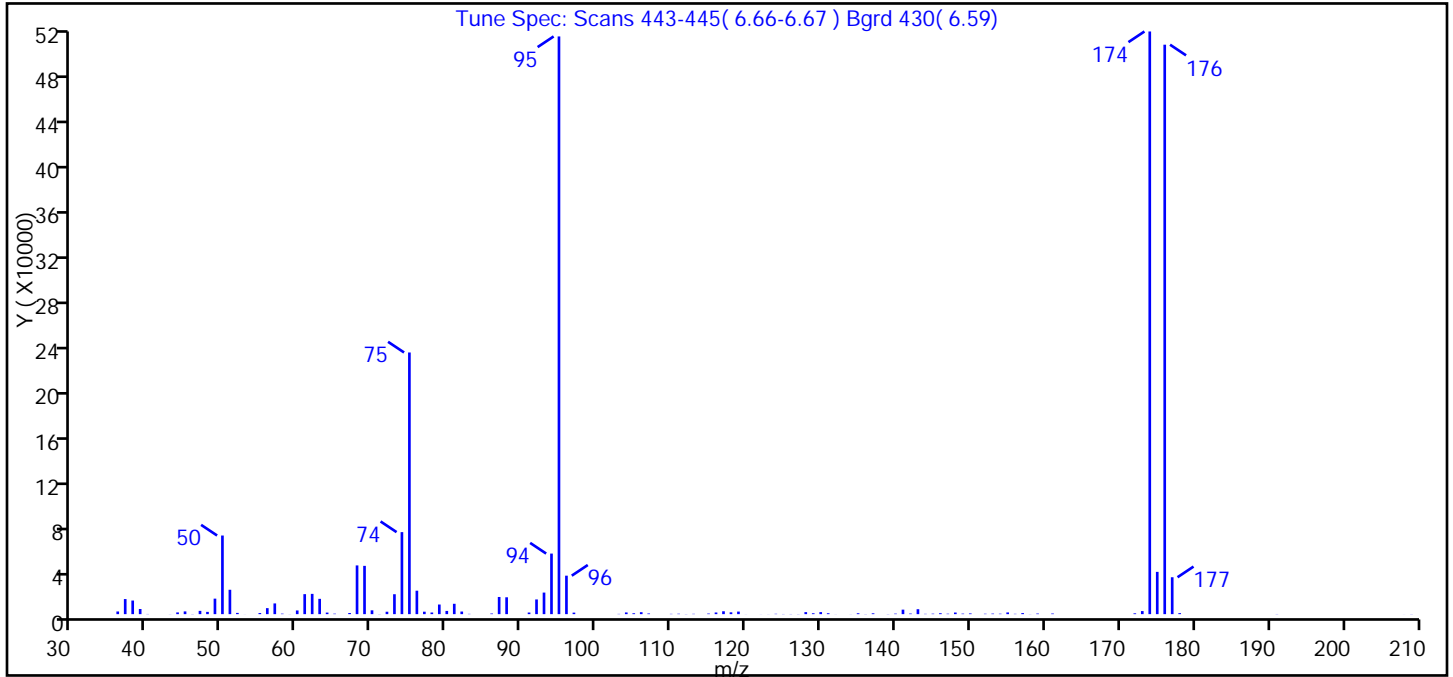
First Level Reviewer: lyonsb Date: 24-Feb-2014 10:56:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
13 BFB								
* 43 Chlorobromomethane	128		12.852					
* 54 1,4-Difluorobenzene	114		14.745					
* 76 Chlorobenzene-d5	117		20.443					
\$ 87 4-Bromofluorobenzene	95		22.444					

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_001.d
 Injection Date: 24-Feb-2014 10:20:30 Instrument ID: CHW.i
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: bl ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Method: TO15_LLNJ_TO3_W_(v1) Limit Group: AI_TO15_ICAL
 Tune Method: BFB Method TO-15

13 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.60
75	30.00 - 66.00% of mass 95	45.30
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.50 (0.50)
174	50.00 - 120.00% of mass 95	100.90
175	4.00 - 9.00% of mass 174	7.30 (7.30)
176	93.00 - 101.00% of mass 174	98.60 (97.70)
177	5.00 - 9.00% of mass 176	6.40 (6.50)

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_001.d\TO15_LLNJ_TO3_W_(v1).rsf\spectra.d
 Injection Date: 24-Feb-2014 10:20:30
 Spectrum: Tune Spec: Scans 443-445(6.66-6.67) Bgrd 430(6.59)
 Base Peak: 174.00
 Minimum % Base Peak: 0
 Number of Points: 116

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2371	68.00	43416	106.00	1733	141.00	4005
37.00	13432	69.00	43024	107.00	588	142.00	517
38.00	12120	70.00	3412	110.00	252	143.00	4393
39.00	4583	71.00	110	111.00	362	144.00	267
40.00	160	72.00	2150	112.00	122	145.00	411
41.00	11	73.00	17744	113.00	280	146.00	814
43.00	75	74.00	73080	115.00	520	147.00	375
44.00	1538	75.00	233152	116.00	1482	148.00	1441
45.00	2437	76.00	20888	117.00	2567	149.00	456
46.00	134	77.00	2189	118.00	1626	150.00	633
47.00	2922	78.00	1460	119.00	2280	152.00	355
48.00	2017	79.00	8574	120.00	52	153.00	480
49.00	13809	80.00	2864	122.00	55	154.00	376
50.00	70056	81.00	9228	123.00	60	155.00	1525
51.00	21720	82.00	2326	124.00	298	156.00	284
52.00	1107	83.00	245	125.00	144	157.00	932
53.00	50	86.00	555	126.00	138	158.00	87
55.00	977	87.00	15298	127.00	115	159.00	522
56.00	5348	88.00	15020	128.00	1795	161.00	545
57.00	9549	91.00	1446	129.00	780	172.00	738
58.00	428	92.00	13099	130.00	1815	173.00	2734
59.00	73	93.00	19216	131.00	795	174.00	519168
60.00	3285	94.00	53968	132.00	60	175.00	37664
61.00	17816	95.00	514752	134.00	61	176.00	507392
62.00	18064	96.00	34280	135.00	783	177.00	32880
63.00	13632	97.00	1352	136.00	125	178.00	892
64.00	1392	103.00	217	137.00	732	191.00	137
65.00	412	104.00	1512	139.00	124	208.00	40
67.00	1006	105.00	797	140.00	453	209.00	113

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68679/4
 Matrix: Air Lab File ID: 6267_004.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_004.D
 Lims ID: MB Lab Sample ID: MB 200-68745/4-A
 Client ID:
 Sample Type: MB
 Inject. Date: 21-Feb-2014 13:23:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-004
 Misc. Info.: mb
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.057						
2 Dichlorodifluoromethane	85	3.127						
3 Difluoroethane TIC	51	3.150						
4 Chlorotrifluoroethene TIC	116	3.162						
5 Freon 115 TIC	85	3.180						
6 Chlorodifluoromethane	51	3.181						
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405						
8 Chloromethane	50	3.539						
9 Butane	43	3.758						
10 Vinyl chloride	62	3.796						
11 Butadiene	54	3.876						
12 Bromomethane	94	4.577						
14 Chloroethane	64	4.828						
15 2-Methylbutane	43	4.919						
16 Vinyl bromide	106	5.229						
17 Trichlorofluoromethane	101	5.347						
18 Pentane	43	5.508						
19 Ethanol	45	5.925						
20 1,1,1-Trifluoro-2,2-dichloroetha	83	6.000						
21 Ethyl ether	59	6.037						
22 Acrolein	56	6.406						
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.476						
24 1,1-Dichloroethene	96	6.497						
25 Acetone	43	6.717						
26 Carbon disulfide	76	6.883						
27 Isopropyl alcohol	45	7.038						
28 Methyl Acetate TIC	43	7.200						
29 3-Chloro-1-propene	41	7.300						
30 Acetonitrile	41	7.401						
31 Methylene Chloride	49	7.599						
32 2-Methyl-2-propanol	59	7.835						
33 Methyl tert-butyl ether	73	8.038						

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	34			61	8.059		
	35			53	8.182		
	36			57	8.493		
	37			63	8.947		
	38			43	9.044		
	39			96	10.087		
	40			72	10.135		
S	41			61	10.200		
	42			88	10.215		
*	43			128	10.558	10.563	-0.005 68 686763 10.0
	44			42	10.579		
	45			83	10.702		
	46			84	10.991		
	47			97	11.002		
	48			117	11.269		
	49			55	11.500		
	50			78	11.740		
	51			57	11.761		
	52			62	11.911		
	53			43	12.168		
*	54			114	12.623	12.623	0.0 91 3980816 10.0
	55			56	13.019		
	56			95	13.110		
A	57			1	13.294	4.909 - 21.679	0 1156155 0
	58			63	13.682		
	59			69	13.880		
	60			88	13.917		
	61			174	13.939		
	62			83	14.249		
A	63			1	15.022	3.047 - 26.997	0 1317987 4.52
	64			75	15.228		
	65			43	15.528		
	66			92	15.849		
A	67			1	15.849	15.809 -15.889	0 7729 NC
	69			43	15.961		
A	68			1	15.966	15.911 -16.011	0 10250 NC
	70			75	16.437		
	71			83	16.812		
	72			166	16.961		
	73			43	17.282		
	74			129	17.587		
	75			107	17.860		
*	76			117	18.786	18.786	0.0 81 3816866 10.0
	77			112	18.844		
	78			91	19.016		
	79			57	19.181		
	80			106	19.272		
	81			75	19.300		
S	82			106	20.100		
	83			106	20.102		
	84			104	20.144		
	85			173	20.530		

Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	86			105	20.765		
\$	87			95	21.113	21.107	0.006 98 1697944 NC
	88			83		21.364	
	89			75		21.460	
	90			91		21.471	
	92			91		21.653	
	91			105		21.653	
	93			57		21.669	
	94			105		21.760	
	95			118		22.113	
	96			119		22.242	
	97			105		22.332	
	98			105		22.562	
	99			119		22.760	
	100			146		22.776	
	101			146		22.910	
	102			91		23.103	
	103			91		23.338	
	104			57		23.381	
	105			146		23.451	
	106			57		25.007	
	107			180		26.013	
	108			225		26.227	
	109			128		26.505	
	110			180		26.987	

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_004.D

Injection Date: 21-Feb-2014 13:23:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: MB

Lab Sample ID: MB 200-68745/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

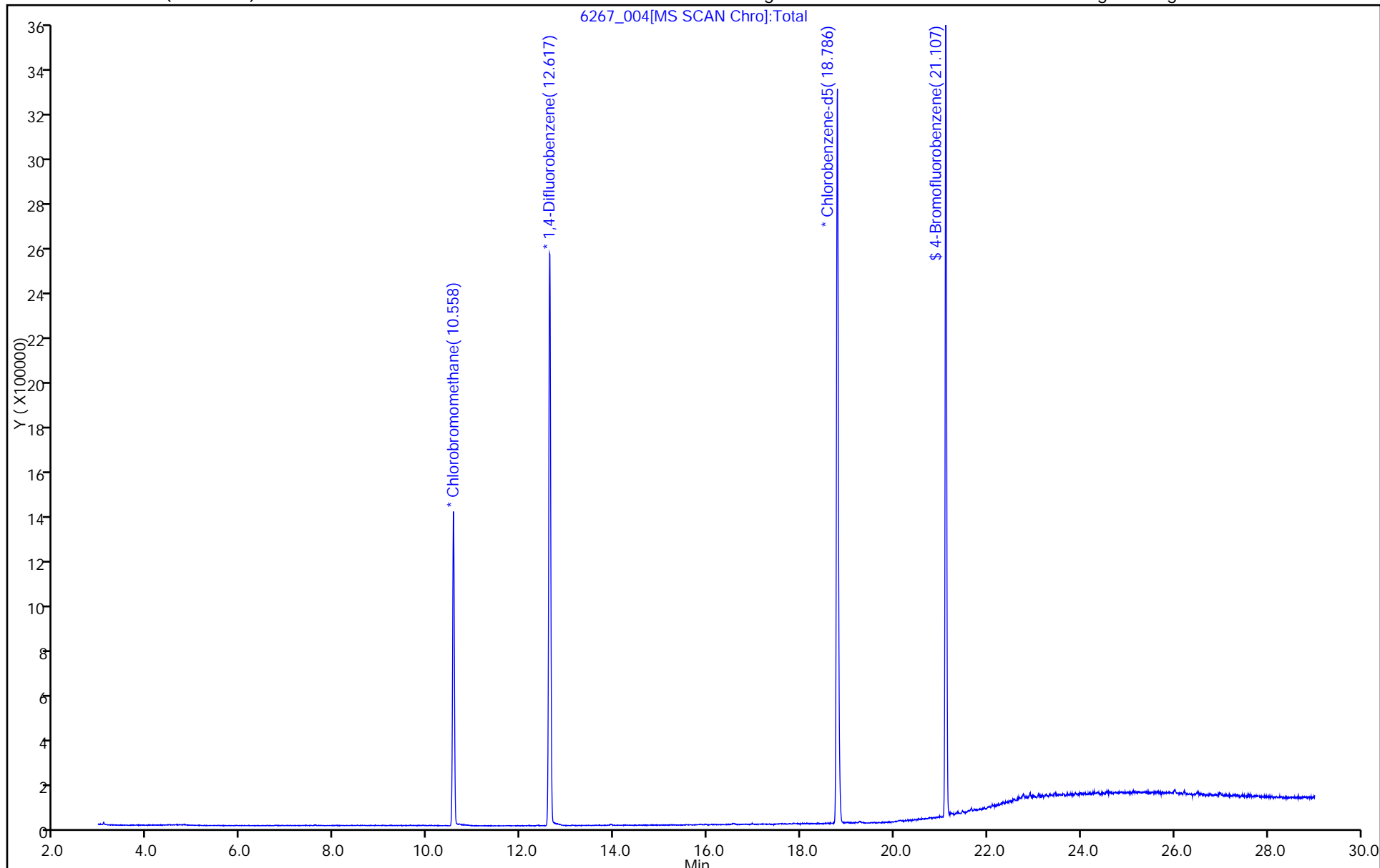
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	0.50	U	0.50	0.030
75-45-6	Freon 22	86.47	0.50	U	0.50	0.048
76-14-2	Freon-114	170.92	0.20	U	0.20	0.035
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.14
106-97-8	n-Butane	58.12	0.50	U	0.50	0.28
75-01-4	Vinyl chloride	62.50	0.040	U	0.040	0.038
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.042
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.028
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.030
593-60-2	Vinyl bromide	106.96	0.20	U	0.20	0.030
75-69-4	Freon 11	137.37	0.20	U	0.20	0.030
76-13-1	Freon 113	187.38	0.20	U	0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.024
67-64-1	Acetone	58.08	5.0	U	5.0	1.3
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.22
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.066
107-05-1	Allyl chloride	76.53	0.50	U	0.50	0.034
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.029
110-54-3	Hexane	86.17	0.20	U	0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	0.20	U	0.20	0.064
67-66-3	Chloroform	119.38	0.20	U	0.20	0.025
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.021
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.025
56-23-5	Carbon tetrachloride	153.81	0.040	U	0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.027
71-43-2	Benzene	78.11	0.20	U	0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.017
142-82-5	Heptane	100.21	0.20	U	0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.024
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.032
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.20
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.027
108-88-3	Toluene	92.14	0.20	U	0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.017
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.20
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.020
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.0081
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.013
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.023
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
1330-20-7	Xylene (total)	106.17	0.20	U	0.20	0.034
100-42-5	Styrene	104.15	0.20	U	0.20	0.018
75-25-2	Bromoform	252.75	0.20	U	0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.016
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.080
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.012
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.014
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	0.0272	J	0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	0.0353	J	0.20	0.014
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.080
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	0.20	U	0.20	0.022
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	2.5	U	2.5	0.15
75-45-6	Freon 22	86.47	1.8	U	1.8	0.17
76-14-2	Freon-114	170.92	1.4	U	1.4	0.24
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.28
106-97-8	n-Butane	58.12	1.2	U	1.2	0.67
75-01-4	Vinyl chloride	62.50	0.10	U	0.10	0.097
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.093
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.11
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.079
593-60-2	Vinyl bromide	106.96	0.87	U	0.87	0.13
75-69-4	Freon 11	137.37	1.1	U	1.1	0.17
76-13-1	Freon 113	187.38	1.5	U	1.5	0.14
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.095
67-64-1	Acetone	58.08	12	U	12	3.0
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.53
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.21
107-05-1	Allyl chloride	76.53	1.6	U	1.6	0.11
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.43
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.99
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.11
110-54-3	Hexane	86.17	0.70	U	0.70	0.12
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.15
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.71
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.15
540-59-0	1,2-Dichloroethene, Total	96.94	0.79	U	0.79	0.25
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.14
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.086
56-23-5	Carbon tetrachloride	153.81	0.25	U	0.25	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.13
71-43-2	Benzene	78.11	0.64	U	0.64	0.061
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.069
142-82-5	Heptane	100.21	0.82	U	0.82	0.19

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.12
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.15
123-91-1	1,4-Dioxane	88.11	18	U	18	0.72
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.11
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.13
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.11
108-88-3	Toluene	92.14	0.75	U	0.75	0.064
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.10
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.093
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.82
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.17
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.15
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.037
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.056
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.10
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
1330-20-7	Xylene (total)	106.17	0.87	U	0.87	0.15
100-42-5	Styrene	104.15	0.85	U	0.85	0.077
75-25-2	Bromoform	252.75	2.1	U	2.1	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.11
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.39
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.088
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.059
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.093
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.069
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.44
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.44
541-73-1	1,3-Dichlorobenzene	147.00	0.163	J	1.2	0.084
106-46-7	1,4-Dichlorobenzene	147.00	0.212	J	1.2	0.084
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.41
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: MB 200-68730/4
 Matrix: Air Lab File ID: 6282_004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.084
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.20
87-68-3	Hexachloro-1,3-butadiene	260.76	2.1	U	2.1	0.23
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d
 Lims ID: MB Lab Sample ID: MB 200-68730/4-A
 Client ID:
 Sample Type: MB
 Inject. Date: 24-Feb-2014 13:46:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-004
 Misc. Info.: MB
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 25-Feb-2014 11:16:21 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK001

First Level Reviewer: lyonsb

Date: 25-Feb-2014 11:14:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
3 Difluoroethane TIC	51		3.150					
4 Chlorotrifluoroethene TIC	116		3.162					
5 Freon 115 TIC	85		3.180					
1 Propene	41		4.367					
2 Dichlorodifluoromethane	85		4.463					
6 Chlorodifluoromethane	51		4.528					
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.816					
8 Chloromethane	50		5.009					
9 Butane	43		5.276					
10 Vinyl chloride	62		5.335					
11 Butadiene	54		5.432					
20 1,1,1-Trifluoro-2,2-dichloroetha	83		6.000					
12 Bromomethane	94		6.298					
14 Chloroethane	64		6.587					
15 2-Methylbutane	43		6.673					
16 Vinyl bromide	106		7.063					
17 Trichlorofluoromethane	101		7.181					
28 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.347					
19 Ethanol	45		7.796					
21 Ethyl ether	59		7.935					
22 Acrolein	56		8.395					
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.433					
24 1,1-Dichloroethene	96		8.508					
25 Acetone	43		8.743					
26 Carbon disulfide	76		8.995					
27 Isopropyl alcohol	45		9.027					
29 3-Chloro-1-propene	41		9.401					
30 Acetonitrile	41		9.530					
31 Methylene Chloride	49		9.727					
32 2-Methyl-2-propanol	59		9.904					

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
	33			73	10.155			
S 41	1,2-Dichloroethene, Total			61	10.200			
	34 trans-1,2-Dichloroethene			61	10.230			
	35 Acrylonitrile			53	10.380			
	36 Hexane			57	10.648			
	37 1,1-Dichloroethane			63	11.193			
	38 Vinyl acetate			43	11.236			
	49 Methyl cyclohexane TIC			55	11.500			
	39 cis-1,2-Dichloroethene			96	12.370			
	40 2-Butanone (MEK)			72	12.386			
	42 Ethyl acetate			88	12.408			
	44 Tetrahydrofuran			42	12.846			
*	43 Chlorobromomethane			128	12.852 12.857 -0.005	69	450039	10.0
	45 Chloroform			83	12.964			
	46 Cyclohexane			84	13.258			
	47 1,1,1-Trichloroethane			97	13.274			
	48 Carbon tetrachloride			117	13.531			
	51 Isooctane			57	13.922			
	50 Benzene			78	13.980			
	52 1,2-Dichloroethane			62	14.141			
	53 n-Heptane			43	14.269			
*	54 1,4-Difluorobenzene			114	14.740 14.745 -0.005	92	2201278	10.0
A 57	GRO			1	14.764 6.663 - 22.866	0	351444	0
	55 n-Butanol			56	15.024			
	56 Trichloroethene			95	15.206			
	58 1,2-Dichloropropane			63	15.730			
	59 Methyl methacrylate			69	15.810			
	60 1,4-Dioxane			88	15.901			
	61 Dibromomethane			174	15.971			
	62 Dichlorobromomethane			83	16.217			
A 63	TVOC as Toluene			1	16.623 4.357 - 28.889	0	789450	4.95
	64 cis-1,3-Dichloropropene			75	17.083			
	65 4-Methyl-2-pentanone (MIBK)			43	17.319			
	69 n-Octane			43	17.656			
A 68	C8 Range			1	17.670 17.634 -17.706	0	3051	NC
	66 Toluene			92	17.656			
A 67	Toluene Range			1	17.656 17.616 -17.696	0	7519	NC
	70 trans-1,3-Dichloropropene			75	18.191			
	71 1,1,2-Trichloroethane			83	18.554			
	72 Tetrachloroethene			166	18.699			
	73 2-Hexanone			43	18.945			
	81 1,2-Dibromo-3-Chloropropane TIC			75	19.300			
	74 Chlorodibromomethane			129	19.314			
	75 Ethylene Dibromide			107	19.598			
S 82	Xylenes, Total			106	20.100			
*	76 Chlorobenzene-d5			117	20.443 20.443 0.0	83	1928409	10.0
	77 Chlorobenzene			112	20.496			
	78 Ethylbenzene			91	20.614			
	79 n-Nonane			57	20.673			
	80 m-Xylene & p-Xylene			106	20.833			
	83 o-Xylene			106	21.545			
	84 Styrene			104	21.582			

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	85			173	21.957		
	86			105	22.107		
\$	87			95	22.444	22.444	0.0 97 1247711 NC
	88			83	22.668		
	90			91	22.743		
	89			75	22.770		
	93			57	22.856		
	91			105	22.909		
	92			91	22.941		
	94			105	23.000		
	95			118	23.348		
	96			119	23.476		
	97			105	23.567		
	98			105	23.808		
	99			119	24.011		
	100			146	24.081	24.081	0.0 62 7447 0.0272 7
	101			146	24.220	24.225	-0.005 61 9008 0.0353
	102			91	24.434		
	104			57	24.626		
	103			91	24.648		
	105			146	24.830		
	106			57	26.435		
	107			180	27.729		
	108			225	27.932		
	109			128	28.312		
	110			180	28.879		

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d

Injection Date: 24-Feb-2014 13:46:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: MB

Lab Sample ID: MB 200-68730/4-A

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

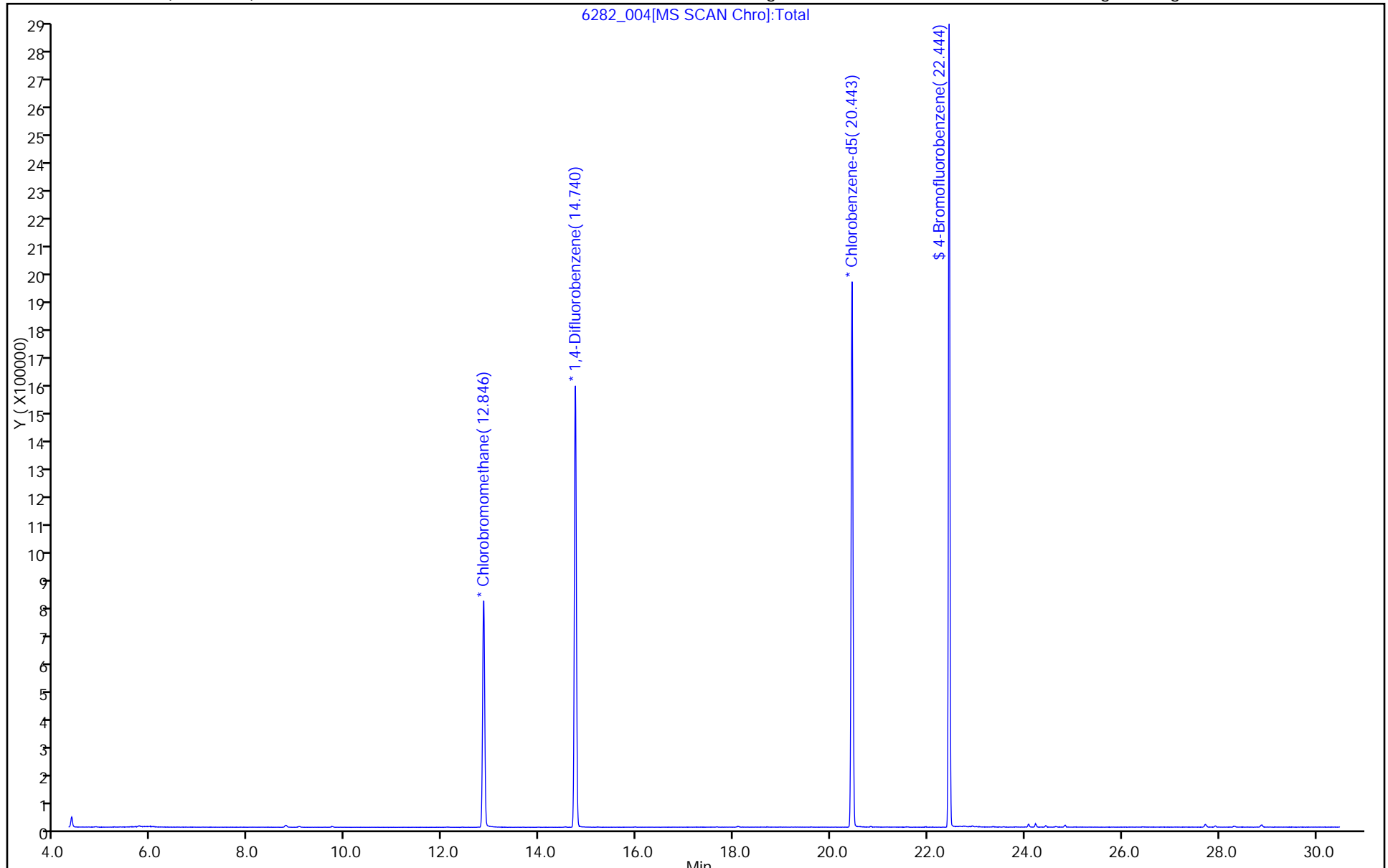
ALS Bottle#: 3

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d

Injection Date: 24-Feb-2014 13:46:30

Instrument ID: CHW.i

Lims ID: MB

Lab Sample ID: MB 200-68730/4-A

Client ID:

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

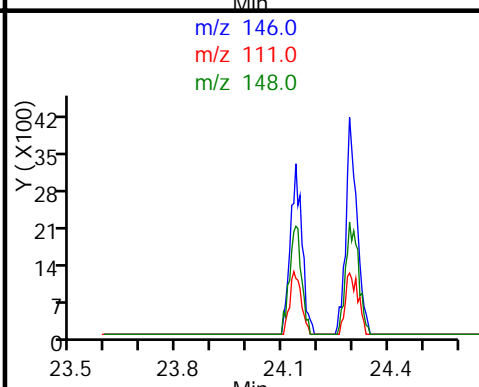
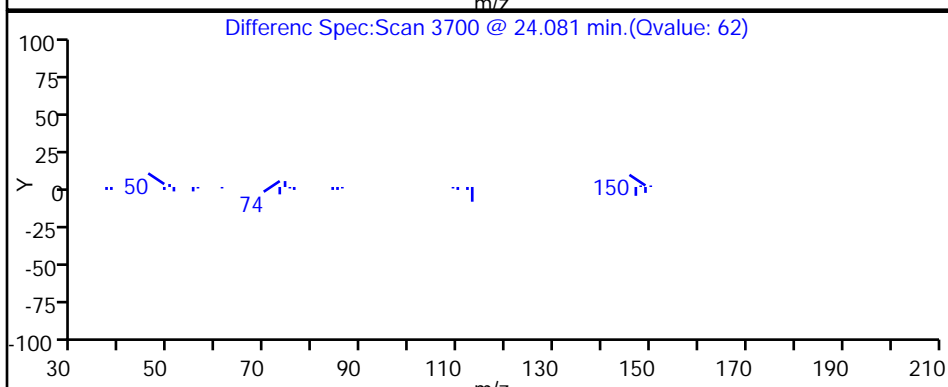
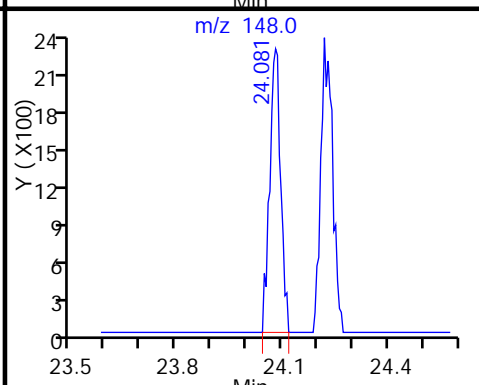
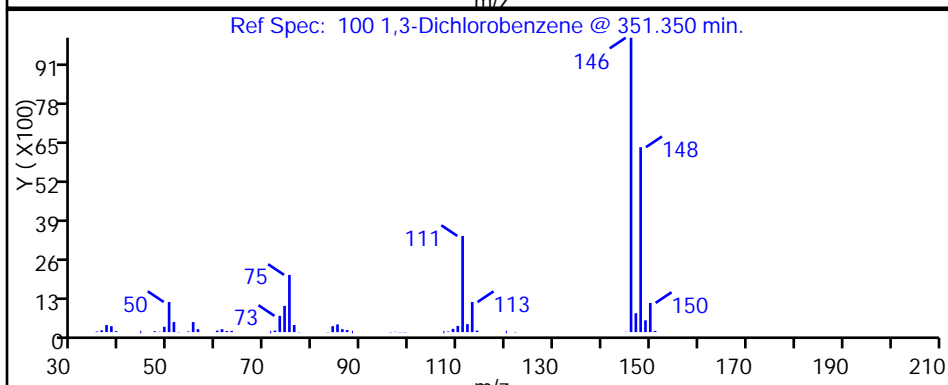
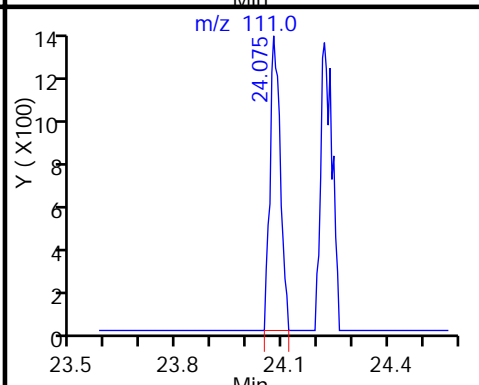
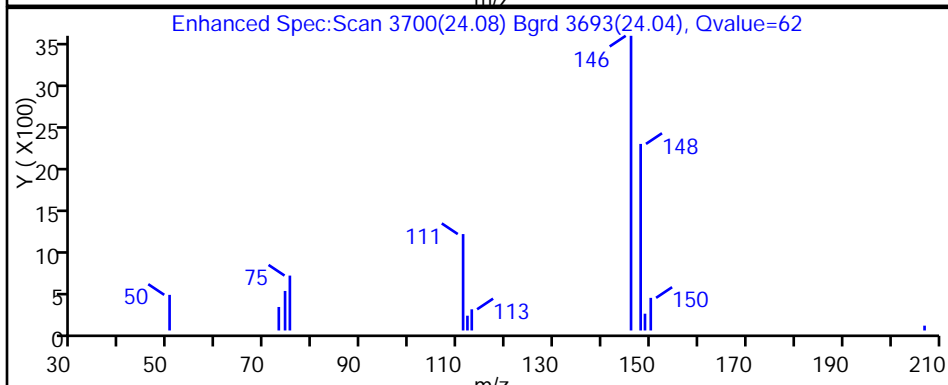
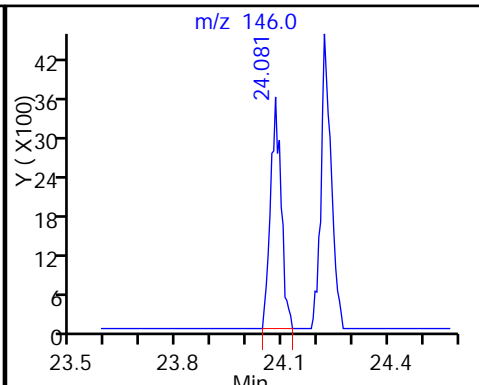
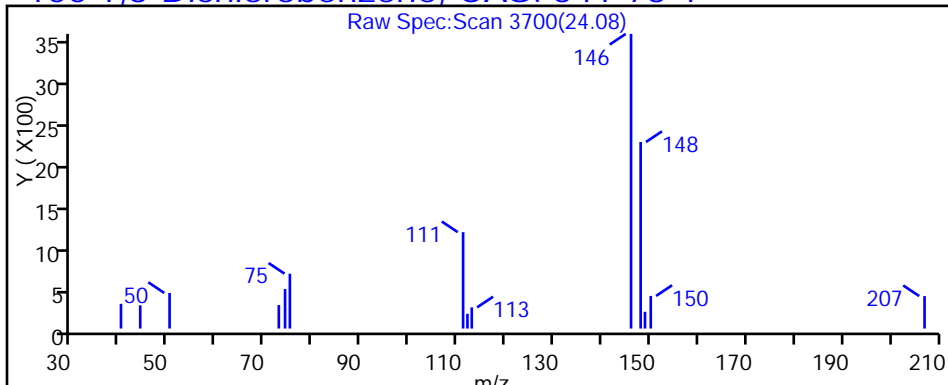
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

100 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_004.d

Injection Date: 24-Feb-2014 13:46:30

Instrument ID: CHW.i

Lims ID: MB

Lab Sample ID: MB 200-68730/4-A

Client ID:

Operator ID: bl

ALS Bottle#: 3

Worklist Smp#: 4

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

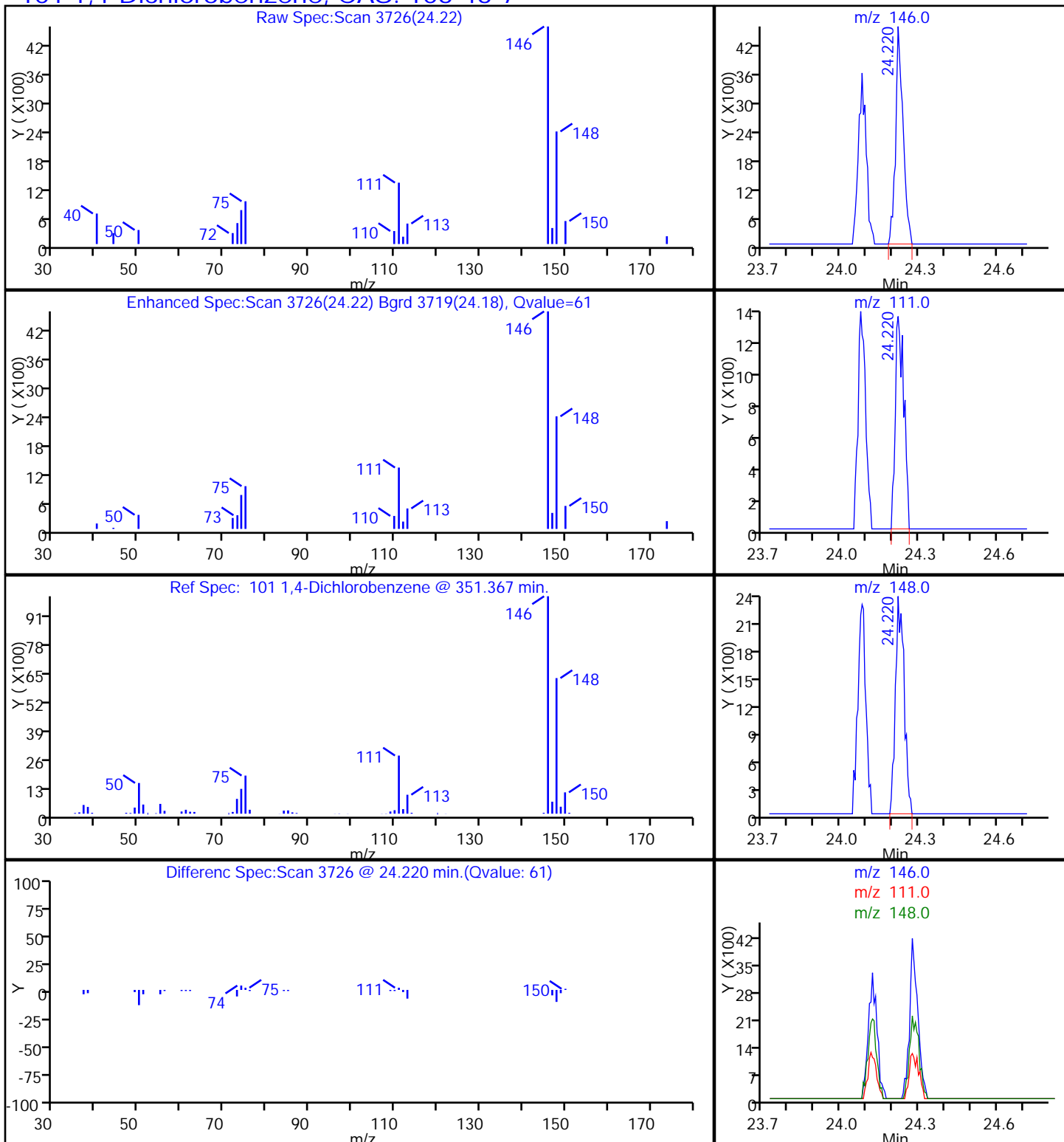
Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: LCS 200-68679/3
 Matrix: Air Lab File ID: 6267_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 12:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	8.98		0.50	0.030
75-45-6	Freon 22	86.47	8.83		0.50	0.048
76-14-2	Freon-114	170.92	9.89		0.20	0.035
74-87-3	Chloromethane	50.49	8.50		0.50	0.14
106-97-8	n-Butane	58.12	8.85		0.50	0.28
75-01-4	Vinyl chloride	62.50	8.30		0.040	0.038
106-99-0	1,3-Butadiene	54.09	8.47		0.20	0.042
74-83-9	Bromomethane	94.94	9.02		0.20	0.028
75-00-3	Chloroethane	64.52	8.92		0.50	0.030
593-60-2	Vinyl bromide	106.96	9.04		0.20	0.030
75-69-4	Freon 11	137.37	8.79		0.20	0.030
76-13-1	Freon 113	187.38	9.04		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	8.79		0.20	0.024
67-64-1	Acetone	58.08	11.2		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	7.72		5.0	0.22
75-15-0	Carbon disulfide	76.14	10.2		0.50	0.066
107-05-1	Allyl chloride	76.53	8.56		0.50	0.034
75-09-2	Methylene Chloride	84.93	8.89		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	8.24		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	9.10		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	9.62		0.20	0.029
110-54-3	Hexane	86.17	9.59		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	9.09		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	8.96		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	8.92		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	18.5		0.20	0.064
67-66-3	Chloroform	119.38	9.06		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	9.27		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	9.11		0.20	0.021
110-82-7	Cyclohexane	84.16	9.16		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	9.01		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	9.02		0.20	0.027
71-43-2	Benzene	78.11	9.03		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	9.05		0.20	0.017
142-82-5	Heptane	100.21	8.72		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: LCS 200-68679/3
 Matrix: Air Lab File ID: 6267_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/21/2014 12:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	8.88		0.040	0.024
80-62-6	Methyl methacrylate	100.12	9.86		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	9.10		0.20	0.032
123-91-1	1,4-Dioxane	88.11	8.27		5.0	0.20
75-27-4	Bromodichloromethane	163.83	9.43		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	9.53		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	9.16		0.50	0.027
108-88-3	Toluene	92.14	9.06		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	9.56		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	9.05		0.20	0.017
127-18-4	Tetrachloroethene	165.83	8.97		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.24		0.50	0.20
124-48-1	Dibromochloromethane	208.29	9.38		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	9.47		0.20	0.020
108-90-7	Chlorobenzene	112.56	9.21		0.20	0.0081
100-41-4	Ethylbenzene	106.17	9.13		0.20	0.013
179601-23-1	m,p-Xylene	106.17	18.2		0.50	0.023
95-47-6	Xylene, o-	106.17	8.98		0.20	0.016
1330-20-7	Xylene (total)	106.17	27.2		0.20	0.034
100-42-5	Styrene	104.15	9.67		0.20	0.018
75-25-2	Bromoform	252.75	9.91		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.17		0.20	0.016
103-65-1	n-Propylbenzene	120.19	9.19		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	9.45		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	9.06		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	9.02		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	8.91		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	9.21		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	9.09		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	9.26		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	9.97		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	10.0		0.20	0.014
100-44-7	Benzyl chloride	126.58	9.43		0.20	0.080
104-51-8	n-Butylbenzene	134.22	9.42		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: LCS 200-68679/3
 Matrix: Air Lab File ID: 6267_003.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/21/2014 12:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68679 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.72		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	9.29		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	12.1		0.20	0.022
91-20-3	Naphthalene	128.17	8.79		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_003.D
 Lims ID: LCS Lab Sample ID: LCS 200-68745/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 21-Feb-2014 12:36:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006267-003
 Misc. Info.: lcs
 Operator ID: bl Instrument ID: CHG.i
 Method: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\TO15_LLNJ_TO3_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 11:38:08 Calib Date: 20-Feb-2014 21:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140220-6246.b\6246_013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	3.058	3.057	0.001	96	243986	8.49	
2 Dichlorodifluoromethane	85	3.127	3.127	0.0	99	1981614	8.98	
6 Chlorodifluoromethane	51	3.181	3.181	0.001	94	733422	8.83	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.405	3.405	0.0	93	1868207	9.89	
8 Chloromethane	50	3.539	3.539	0.0	99	356186	8.50	
9 Butane	43	3.758	3.758	0.0	97	488687	8.85	
10 Vinyl chloride	62	3.796	3.796	0.0	97	476424	8.30	
11 Butadiene	54	3.882	3.876	0.006	92	283580	8.47	
12 Bromomethane	94	4.577	4.577	0.0	99	737200	9.02	
14 Chloroethane	64	4.828	4.828	0.0	100	203311	8.92	
15 2-Methylbutane	43	4.925	4.919	0.006	86	341395	9.44	
16 Vinyl bromide	106	5.235	5.229	0.006	97	801910	9.04	
17 Trichlorofluoromethane	101	5.353	5.347	0.006	98	2215052	8.79	
18 Pentane	43	5.508	5.508	0.0	94	549589	9.83	
13 BFB								
19 Ethanol	45	5.925	5.925	0.0	96	197116	14.7	
21 Ethyl ether	59	6.043	6.037	0.006	95	278451	9.89	
22 Acrolein	56	6.401	6.406	-0.005	96	144619	10.8	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	6.476	6.476	0.0	94	1429877	9.04	
24 1,1-Dichloroethene	96	6.498	6.497	0.001	93	588337	8.79	
25 Acetone	43	6.722	6.717	0.005	86	689046	11.2	
26 Carbon disulfide	76	6.883	6.883	0.001	98	1671049	10.2	
27 Isopropyl alcohol	45	7.038	7.038	0.0	98	384775	7.72	
29 3-Chloro-1-propene	41	7.305	7.300	0.005	82	378409	8.56	
30 Acetonitrile	41	7.402	7.401	0.001	98	215169	9.04	
31 Methylene Chloride	49	7.600	7.599	0.001	80	441695	8.89	
32 2-Methyl-2-propanol	59	7.840	7.835	0.005	98	729916	8.24	
33 Methyl tert-butyl ether	73	8.038	8.038	0.0	94	1432460	9.10	
34 trans-1,2-Dichloroethene	61	8.065	8.059	0.006	87	703167	9.62	
35 Acrylonitrile	53	8.188	8.182	0.006	93	253911	9.45	
36 Hexane	57	8.493	8.493	0.0	91	566123	9.59	
37 1,1-Dichloroethane	63	8.948	8.947	0.001	99	940883	9.09	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
	38			9.044	9.044	0.0	99	938564	9.06
	39			10.087	10.087	0.0	91	808796	8.92
	40			10.141	10.135	0.006	97	274814	8.96
S	41						0		18.5
	42			10.210	10.215	-0.005	98	47224	10.2
*	43			10.558	10.563	-0.005	68	703205	10.0
	44			10.574	10.579	-0.005	81	440175	9.27
	45			10.702	10.702	0.0	99	1820986	9.06
	46			10.991	10.991	0.0	83	913242	9.16
	47			11.002	11.002	0.0	95	2148040	9.11
	48			11.275	11.269	0.006	96	2708424	9.01
	50			11.740	11.740	0.0	94	2406160	9.03
	51			11.762	11.761	0.001	98	2869315	9.02
	52			11.911	11.911	0.0	99	1203371	9.05
	53			12.174	12.168	0.006	86	1030492	8.72
*	54			12.623	12.623	0.0	91	3992867	10.0
	55			13.019	13.019	0.0	85	367740	8.07
	56			13.115	13.110	0.005	94	1676887	8.88
A	57			13.294	4.909 - 21.679		0	386457431	0
	58			13.677	13.682	-0.005	91	1141661	9.10
	59			13.885	13.880	0.005	79	1069333	9.86
	60			13.918	13.917	0.001	84	485204	8.27
	61			13.939	13.939	0.0	92	2043492	9.69
	62			14.249	14.249	0.0	97	2937487	9.43
A	63			15.022	3.047 - 26.997		0	612241451	2093.0
	64			15.228	15.228	0.0	87	2021509	9.53
	65			15.533	15.528	0.005	93	1787531	9.16
	66			15.849	15.849	0.0	94	2782828	9.06
	69			15.961	15.961	0.0	85	1850659	9.05
	70			16.443	16.437	0.006	93	2064980	9.56
	71			16.817	16.812	0.005	94	1393066	9.05
	72			16.967	16.961	0.006	97	2961301	8.97
	73			17.288	17.282	0.006	92	1698908	9.24
	74			17.587	17.587	0.0	97	3725852	9.38
	75			17.866	17.860	0.006	99	2933216	9.47
*	76			18.786	18.786	0.0	81	4193236	10.0
	77			18.850	18.844	0.006	98	4103505	9.21
	78			19.016	19.016	0.0	96	5822993	9.13
	79			19.182	19.181	0.001	82	2027719	8.93
	80			19.267	19.272	-0.005	99	4745933	18.2
S	82						0		27.2
	83			20.096	20.102	-0.006	95	2445685	8.98
	84			20.145	20.144	0.001	97	3504437	9.67
	85			20.530	20.530	0.0	98	3721418	9.91
	86			20.765	20.765	0.0	94	6747193	9.00
\$	87			21.108	21.107	0.001	98	2471402	NC
	88			21.364	21.364	0.0	97	3395512	9.17
	89			21.461	21.460	0.001	95	2243446	9.14
	90			21.471	21.471	0.0	99	7110833	9.19
	92			21.653	21.653	0.0	88	4720471	9.02
	91			21.653	21.653	0.0	90	5948367	9.45
	93			21.669	21.669	0.0	83	2100729	9.09

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags	
94	1,3,5-Trimethylbenzene	105	21.760	21.760	0.0	93	5641449	9.06
95	Alpha Methyl Styrene	118	22.113	22.113	0.0	90	2840197	9.96
96	tert-Butylbenzene	119	22.242	22.242	0.0	91	5632287	8.91
97	1,2,4-Trimethylbenzene	105	22.333	22.332	0.001	95	5545386	9.21
98	sec-Butylbenzene	105	22.563	22.562	0.001	99	7990387	9.09
99	4-Isopropyltoluene	119	22.761	22.760	0.001	95	6756718	9.26
100	1,3-Dichlorobenzene	146	22.777	22.776	0.001	99	3730303	9.97
101	1,4-Dichlorobenzene	146	22.910	22.910	0.0	97	3641925	10.0
102	Benzyl chloride	91	23.103	23.103	0.0	100	3630787	9.43
103	n-Butylbenzene	91	23.338	23.338	0.0	93	5413110	9.42
104	Undecane	57	23.381	23.381	0.0	91	2585565	9.60
105	1,2-Dichlorobenzene	146	23.451	23.451	0.0	99	3837422	9.72
106	Dodecane	57	25.007	25.007	0.0	92	502316	11.9
107	1,2,4-Trichlorobenzene	180	26.013	26.013	0.0	93	2057036	9.29
108	Hexachlorobutadiene	225	26.227	26.227	0.0	93	2264422	12.1
109	Naphthalene	128	26.505	26.505	0.0	99	4639219	8.79
110	1,2,3-Trichlorobenzene	180	26.987	26.987	0.0	96	2033720	11.2

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140221-6267.b\6267_003.D

Injection Date: 21-Feb-2014 12:36:30

Instrument ID: CHG.i

Operator ID: bl

Lims ID: LCS

Lab Sample ID: LCS 200-68745/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

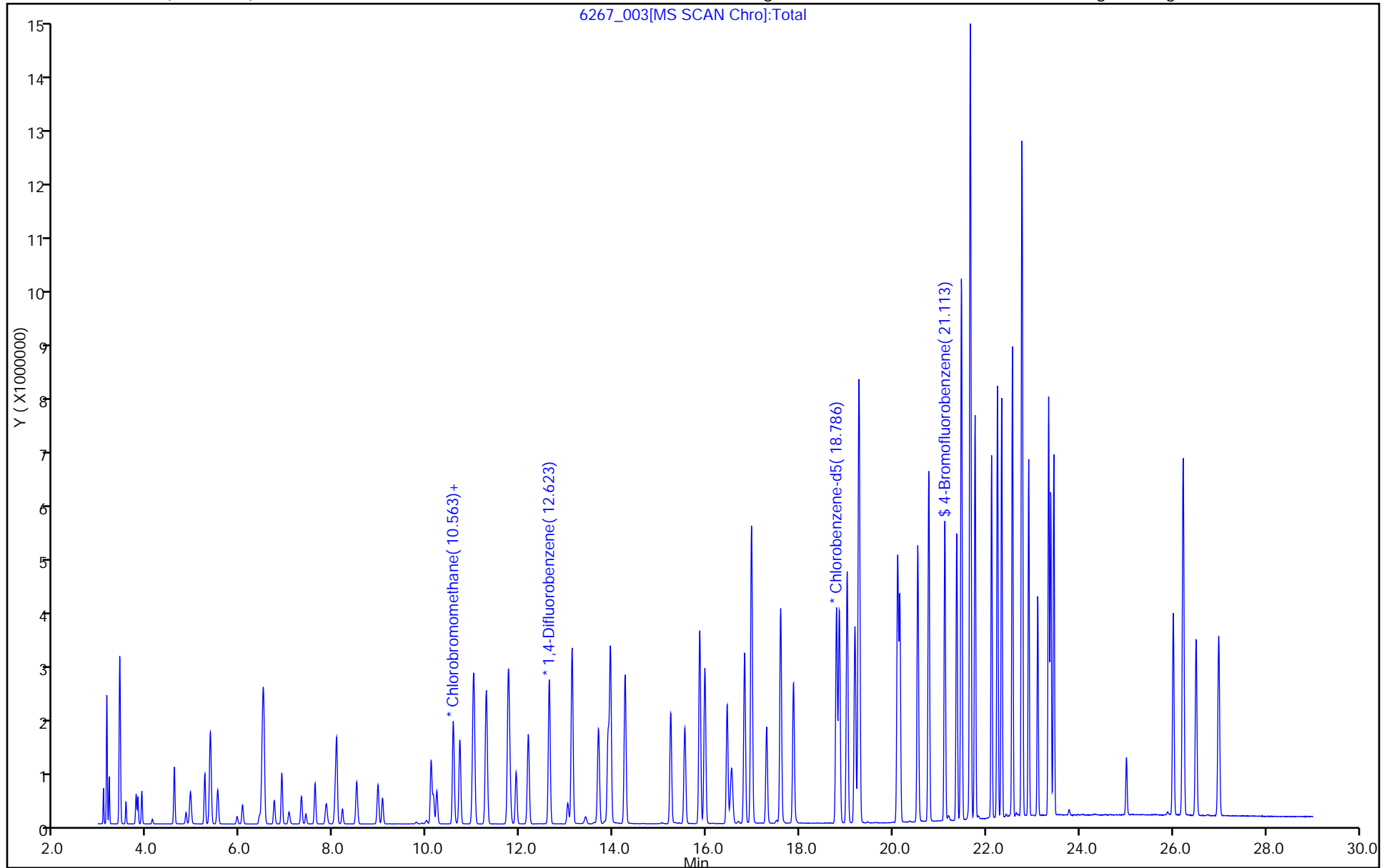
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: LCS 200-68730/3
 Matrix: Air Lab File ID: 6282_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/24/2014 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Freon 12	120.91	8.87		0.50	0.030
75-45-6	Freon 22	86.47	8.79		0.50	0.048
76-14-2	Freon-114	170.92	9.45		0.20	0.035
74-87-3	Chloromethane	50.49	8.46		0.50	0.14
106-97-8	n-Butane	58.12	9.17		0.50	0.28
75-01-4	Vinyl chloride	62.50	8.29		0.040	0.038
106-99-0	1,3-Butadiene	54.09	8.98		0.20	0.042
74-83-9	Bromomethane	94.94	8.31		0.20	0.028
75-00-3	Chloroethane	64.52	8.51		0.50	0.030
593-60-2	Vinyl bromide	106.96	9.15		0.20	0.030
75-69-4	Freon 11	137.37	8.59		0.20	0.030
76-13-1	Freon 113	187.38	8.70		0.20	0.018
75-35-4	1,1-Dichloroethene	96.94	9.34		0.20	0.024
67-64-1	Acetone	58.08	9.94		5.0	1.3
67-63-0	Isopropyl alcohol	60.10	8.46		5.0	0.22
75-15-0	Carbon disulfide	76.14	10.3		0.50	0.066
107-05-1	Allyl chloride	76.53	9.58		0.50	0.034
75-09-2	Methylene Chloride	84.93	8.94		0.50	0.13
75-65-0	tert-Butyl alcohol	74.12	8.99		5.0	0.33
1634-04-4	Methyl tert-butyl ether	88.15	10.6		0.20	0.022
156-60-5	trans-1,2-Dichloroethene	96.94	9.87		0.20	0.029
110-54-3	Hexane	86.17	11.1		0.20	0.034
75-34-3	1,1-Dichloroethane	98.96	8.75		0.20	0.038
78-93-3	Methyl Ethyl Ketone	72.11	9.47		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	9.53		0.20	0.038
540-59-0	1,2-Dichloroethene, Total	96.94	19.4		0.20	0.064
67-66-3	Chloroform	119.38	8.94		0.20	0.025
109-99-9	Tetrahydrofuran	72.11	9.51		5.0	0.046
71-55-6	1,1,1-Trichloroethane	133.41	8.99		0.20	0.021
110-82-7	Cyclohexane	84.16	10.2		0.20	0.025
56-23-5	Carbon tetrachloride	153.81	8.59		0.040	0.021
540-84-1	2,2,4-Trimethylpentane	114.23	10.5		0.20	0.027
71-43-2	Benzene	78.11	9.01		0.20	0.019
107-06-2	1,2-Dichloroethane	98.96	9.08		0.20	0.017
142-82-5	Heptane	100.21	10.5		0.20	0.046

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: LCS 200-68730/3
 Matrix: Air Lab File ID: 6282_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	9.44		0.040	0.024
80-62-6	Methyl methacrylate	100.12	9.95		0.50	0.030
78-87-5	1,2-Dichloropropane	112.99	9.06		0.20	0.032
123-91-1	1,4-Dioxane	88.11	8.81		5.0	0.20
75-27-4	Bromodichloromethane	163.83	9.00		0.20	0.017
10061-01-5	cis-1,3-Dichloropropene	110.97	10.5		0.20	0.028
108-10-1	methyl isobutyl ketone	100.16	9.70		0.50	0.027
108-88-3	Toluene	92.14	9.69		0.20	0.017
10061-02-6	trans-1,3-Dichloropropene	110.97	10.1		0.20	0.022
79-00-5	1,1,2-Trichloroethane	133.41	9.17		0.20	0.017
127-18-4	Tetrachloroethene	165.83	9.22		0.20	0.016
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.74		0.50	0.20
124-48-1	Dibromochloromethane	208.29	9.14		0.20	0.020
106-93-4	1,2-Dibromoethane	187.87	9.57		0.20	0.020
108-90-7	Chlorobenzene	112.56	8.91		0.20	0.0081
100-41-4	Ethylbenzene	106.17	9.74		0.20	0.013
179601-23-1	m,p-Xylene	106.17	19.0		0.50	0.023
95-47-6	Xylene, o-	106.17	10.2		0.20	0.016
1330-20-7	Xylene (total)	106.17	29.2		0.20	0.034
100-42-5	Styrene	104.15	10.3		0.20	0.018
75-25-2	Bromoform	252.75	9.24		0.20	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	8.76		0.20	0.016
103-65-1	n-Propylbenzene	120.19	9.84		0.20	0.080
622-96-8	4-Ethyltoluene	120.20	9.67		0.20	0.018
108-67-8	1,3,5-Trimethylbenzene	120.20	9.32		0.20	0.012
95-49-8	2-Chlorotoluene	126.59	9.09		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	9.50		0.20	0.017
95-63-6	1,2,4-Trimethylbenzene	120.20	9.60		0.20	0.014
135-98-8	sec-Butylbenzene	134.22	9.52		0.20	0.080
99-87-6	4-Isopropyltoluene	134.22	9.81		0.20	0.080
541-73-1	1,3-Dichlorobenzene	147.00	9.12		0.20	0.014
106-46-7	1,4-Dichlorobenzene	147.00	9.63		0.20	0.014
100-44-7	Benzyl chloride	126.58	9.76		0.20	0.080
104-51-8	n-Butylbenzene	134.22	9.20		0.20	0.080

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20955-2
 SDG No.: 200-20955-2
 Client Sample ID: _____ Lab Sample ID: LCS 200-68730/3
 Matrix: Air Lab File ID: 6282_003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/24/2014 12:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 68730 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	147.00	9.05		0.20	0.014
120-82-1	1,2,4-Trichlorobenzene	181.45	8.37		0.50	0.027
87-68-3	Hexachloro-1,3-butadiene	260.76	8.77		0.20	0.022
91-20-3	Naphthalene	128.17	8.30		0.50	0.20

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_003.d
 Lims ID: LCS Lab Sample ID: LCS 200-68730/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 24-Feb-2014 12:29:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0006282-003
 Misc. Info.: LCS
 Operator ID: bl Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\TO15_LLNJ_TO3_W_(v1).m
 Limit Group: AI_TO15_ICAL
 Last Update: 24-Feb-2014 16:53:24 Calib Date: 12-Feb-2014 00:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal/External Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20140211-6101.b\6101_011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK024

First Level Reviewer: lyonsb

Date: 24-Feb-2014 15:16:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41	4.367	4.367	0.0	96	251306	8.60	
2 Dichlorodifluoromethane	85	4.463	4.463	0.0	99	1796394	8.87	
6 Chlorodifluoromethane	51	4.528	4.528	0.0	93	674710	8.79	
7 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.816	4.816	0.0	91	1632297	9.45	
8 Chloromethane	50	5.009	5.009	0.0	98	294853	8.46	
9 Butane	43	5.276	5.276	0.0	96	518013	9.17	
10 Vinyl chloride	62	5.335	5.335	0.0	97	416130	8.29	
11 Butadiene	54	5.432	5.432	0.0	93	277310	8.98	
12 Bromomethane	94	6.298	6.298	0.0	98	431336	8.31	
13 BFB								
14 Chloroethane	64	6.587	6.587	0.0	95	227129	8.51	
15 2-Methylbutane	43	6.673	6.673	0.0	86	403334	9.35	
16 Vinyl bromide	106	7.063	7.063	0.0	97	632785	9.15	
17 Trichlorofluoromethane	101	7.181	7.181	0.0	98	1950386	8.59	
18 Pentane	43	7.347	7.347	0.0	94	643125	10.6	
19 Ethanol	45	7.796	7.796	0.0	99	207952	16.4	
21 Ethyl ether	59	7.935	7.935	0.0	90	346349	11.0	
22 Acrolein	56	8.395	8.395	0.0	97	150295	11.3	
23 1,1,2-Trichloro-1,2,2-trifluoro	101	8.433	8.433	0.0	93	1235929	8.70	
24 1,1-Dichloroethene	96	8.508	8.508	0.0	94	571710	9.34	
25 Acetone	43	8.743	8.743	0.0	87	639288	9.94	
26 Carbon disulfide	76	8.995	8.995	0.0	99	1452145	10.3	
27 Isopropyl alcohol	45	9.027	9.027	0.0	95	455684	8.46	
29 3-Chloro-1-propene	41	9.401	9.401	0.0	81	417021	9.58	
30 Acetonitrile	41	9.530	9.530	0.0	98	229312	9.73	
31 Methylene Chloride	49	9.727	9.727	0.0	79	400147	8.94	
32 2-Methyl-2-propanol	59	9.904	9.904	0.0	99	878699	8.99	
33 Methyl tert-butyl ether	73	10.155	10.155	0.0	95	1722441	10.6	
S 41 1,2-Dichloroethene, Total	61				0		19.4	
34 trans-1,2-Dichloroethene	61	10.230	10.230	0.0	88	728023	9.87	
35 Acrylonitrile	53	10.380	10.380	0.0	93	272249	9.92	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags			
	36	Hexane	57	10.648	10.648	0.0	89	687505	11.1	
	37	1,1-Dichloroethane	63	11.193	11.193	0.0	99	868690	8.75	
	38	Vinyl acetate	43	11.236	11.236	0.0	99	922999	10.0	
	39	cis-1,2-Dichloroethene	96	12.370	12.370	0.0	96	616222	9.53	
	40	2-Butanone (MEK)	72	12.386	12.386	0.0	99	257790	9.47	
	42	Ethyl acetate	88	12.408	12.408	0.0	98	56107	10.6	
	44	Tetrahydrofuran	42	12.846	12.846	0.0	83	381041	9.51	
*	43	Chlorobromomethane	128	12.857	12.857	0.0	69	442925	10.0	
	45	Chloroform	83	12.964	12.964	0.0	100	1326315	8.94	
	46	Cyclohexane	84	13.258	13.258	0.0	82	787811	10.2	
	47	1,1,1-Trichloroethane	97	13.274	13.274	0.0	93	1588759	8.99	
	48	Carbon tetrachloride	117	13.531	13.531	0.0	97	1734513	8.59	
	51	Isooctane	57	13.922	13.922	0.0	97	2159988	10.5	
	50	Benzene	78	13.980	13.980	0.0	94	1663325	9.01	
	52	1,2-Dichloroethane	62	14.141	14.141	0.0	99	848364	9.08	
	53	n-Heptane	43	14.269	14.269	0.0	82	673235	10.5	
*	54	1,4-Difluorobenzene	114	14.745	14.745	0.0	92	2117890	10.0	
A	57	GRO	1	14.764	6.663 - 22.866		0	227562774	0	
	55	n-Butanol	56	15.024	15.024	0.0	84	203718	8.90	
	56	Trichloroethene	95	15.206	15.206	0.0	95	897045	9.44	
	58	1,2-Dichloropropane	63	15.730	15.730	0.0	85	509276	9.06	
	59	Methyl methacrylate	69	15.810	15.810	0.0	76	579834	9.95	
	60	1,4-Dioxane	88	15.901	15.901	0.0	84	284548	8.81	
	61	Dibromomethane	174	15.971	15.971	0.0	89	1014873	8.71	
	62	Dichlorobromomethane	83	16.217	16.217	0.0	98	1464325	9.00	
A	63	TVOC as Toluene	1	16.623	4.357 - 28.889		0	396084511	2578.9	
	64	cis-1,3-Dichloropropene	75	17.083	17.083	0.0	90	962126	10.5	
	65	4-Methyl-2-pentanone (MIBK)	43	17.319	17.319	0.0	90	873591	9.70	
A	68	C8 Range	1	17.656	17.606 - 17.706		0	9597893	NC	
	69	n-Octane	43	17.656	17.656	0.0	78	889945	10.4	
	66	Toluene	92	17.656	17.656	0.0	93	1345364	9.69	
A	67	Toluene Range	1	17.656	17.616 - 17.696		0	9597893	NC	
	70	trans-1,3-Dichloropropene	75	18.191	18.191	0.0	95	1063759	10.1	
	71	1,1,2-Trichloroethane	83	18.554	18.554	0.0	92	634935	9.17	
	72	Tetrachloroethene	166	18.699	18.699	0.0	98	1593894	9.22	
	73	2-Hexanone	43	18.945	18.945	0.0	91	761370	9.74	
	74	Chlorodibromomethane	129	19.314	19.314	0.0	97	1757290	9.14	
	75	Ethylene Dibromide	107	19.598	19.598	0.0	99	1345374	9.57	
S	82	Xylenes, Total	106				0		29.2	
*	76	Chlorobenzene-d5	117	20.443	20.443	0.0	82	1915306	10.0	
	77	Chlorobenzene	112	20.496	20.496	0.0	97	2071273	8.91	
	78	Ethylbenzene	91	20.614	20.614	0.0	96	3161626	9.74	
	79	n-Nonane	57	20.673	20.673	0.0	78	1071141	9.89	
	80	m-Xylene & p-Xylene	106	20.833	20.833	0.0	100	2491780	19.0	
	83	o-Xylene	106	21.545	21.545	0.0	94	1255449	10.2	
	84	Styrene	104	21.582	21.582	0.0	95	1887709	10.3	
	85	Bromoform	173	21.957	21.957	0.0	99	1788011	9.24	
	86	Isopropylbenzene	105	22.107	22.107	0.0	95	3916347	10.3	
\$	87	4-Bromofluorobenzene	95	22.444	22.444	0.0	97	1361886	NC	
	88	1,1,2,2-Tetrachloroethane	83	22.668	22.668	0.0	94	1648681	8.76	
	90	N-Propylbenzene	91	22.743	22.743	0.0	98	4348009	9.84	
	89	1,2,3-Trichloropropane	75	22.770	22.770	0.0	93	1287017	8.89	

Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags		
93	n-Decane		57	22.856	22.856	0.0	82	1447368	9.55
91	4-Ethyltoluene		105	22.909	22.909	0.0	97	4089000	9.67
92	2-Chlorotoluene		91	22.941	22.941	0.0	90	3360659	9.09
94	1,3,5-Trimethylbenzene		105	23.000	23.000	0.0	92	3645255	9.32
95	Alpha Methyl Styrene		118	23.348	23.348	0.0	89	1769273	10.9
96	tert-Butylbenzene		119	23.476	23.476	0.0	93	3609004	9.50
97	1,2,4-Trimethylbenzene		105	23.567	23.567	0.0	97	3585568	9.60
98	sec-Butylbenzene		105	23.808	23.808	0.0	97	4900166	9.52
99	4-Isopropyltoluene		119	24.011	24.011	0.0	92	4439572	9.81
100	1,3-Dichlorobenzene		146	24.081	24.081	0.0	97	2481243	9.12
101	1,4-Dichlorobenzene		146	24.225	24.225	0.0	96	2439983	9.63
102	Benzyl chloride		91	24.434	24.434	0.0	100	2221148	9.76
104	Undecane		57	24.626	24.626	0.0	88	1442665	9.39
103	n-Butylbenzene		91	24.648	24.648	0.0	97	3160214	9.20
105	1,2-Dichlorobenzene		146	24.830	24.830	0.0	98	2398120	9.05
106	Dodecane		57	26.435	26.435	0.0	89	959006	9.53
107	1,2,4-Trichlorobenzene		180	27.729	27.729	0.0	94	1138677	8.37
108	Hexachlorobutadiene		225	27.932	27.932	0.0	95	1888540	8.77
109	Naphthalene		128	28.312	28.312	0.0	99	2203604	8.30
110	1,2,3-Trichlorobenzene		180	28.879	28.879	0.0	94	1047028	8.25

WorkSheet Quantitation Report

Sig	RT	Lower RT	Upper RT	Q	Response	On-Col Amt ppb v/v	Ratio Range	Ratio	Flags
-----	----	----------	----------	---	----------	-----------------------	-------------	-------	-------

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140224-6282.b\6282_003.d

Injection Date: 24-Feb-2014 12:29:30

Instrument ID: CHW.i

Operator ID: bl

Lims ID: LCS

Lab Sample ID: LCS 200-68730/3-A

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

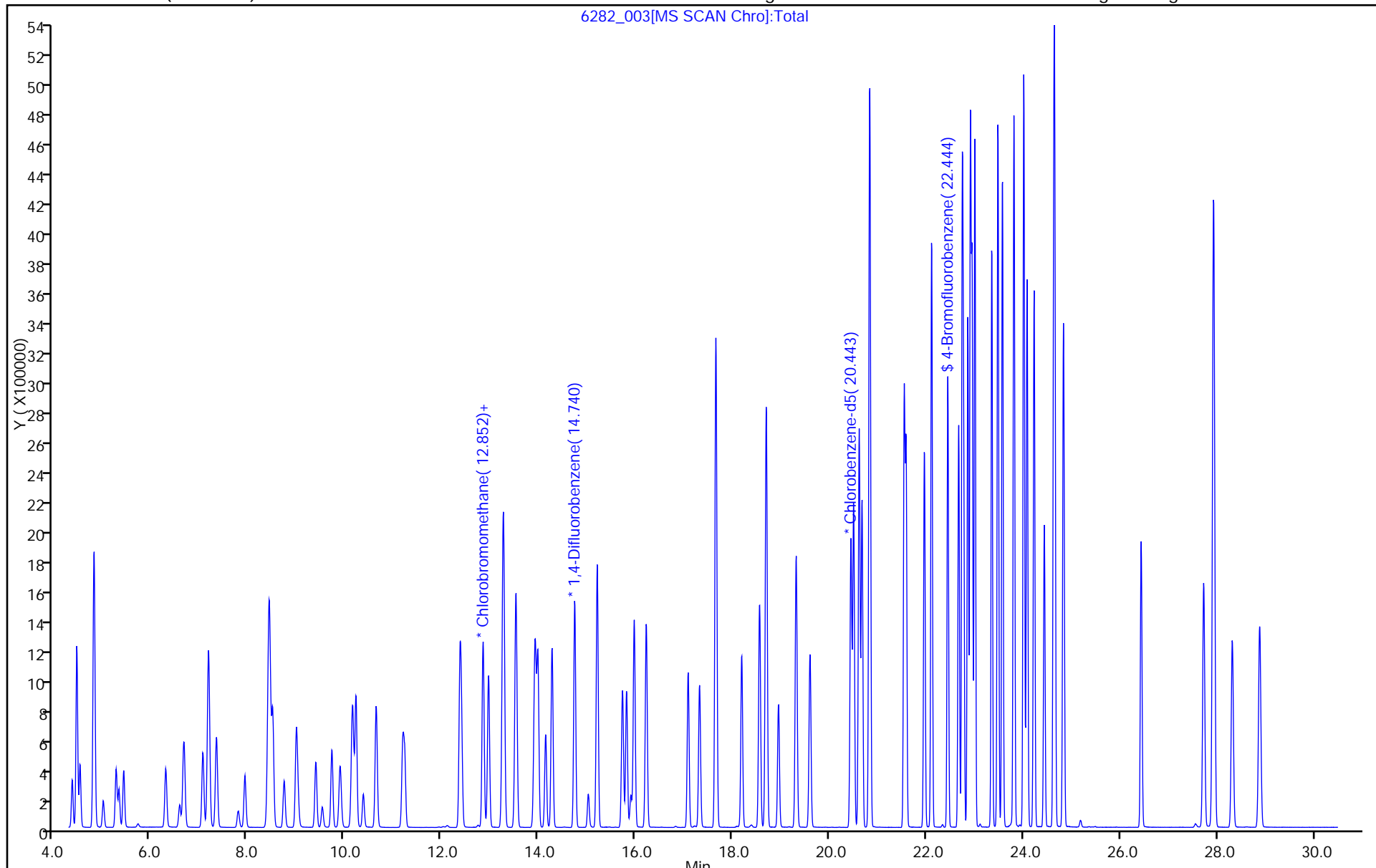
ALS Bottle#: 2

Method: TO15_LLNJ_TO3_W_(v1)

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHG.i Start Date: 02/20/2014 12:20

Analysis Batch Number: 68619 End Date: 02/21/2014 02:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68619/1		02/20/2014 12:20	1	6246_001.D	RTX-624 0.32 (mm)
VIBLK 200-68619/2		02/20/2014 13:17	1		RTX-624 0.32 (mm)
ZZZZZ		02/20/2014 14:04	1		RTX-624 0.32 (mm)
ZZZZZ		02/20/2014 14:51	1		RTX-624 0.32 (mm)
VIBLK 200-68619/5		02/20/2014 15:38	1		RTX-624 0.32 (mm)
IC 200-68619/6		02/20/2014 16:25	1	6246_006.D	RTX-624 0.32 (mm)
IC 200-68619/7		02/20/2014 17:12	1	6246_007.D	RTX-624 0.32 (mm)
IC 200-68619/8		02/20/2014 17:59	1	6246_008.D	RTX-624 0.32 (mm)
IC 200-68619/9		02/20/2014 18:46	1	6246_009.D	RTX-624 0.32 (mm)
ICIS 200-68619/10		02/20/2014 19:33	1	6246_010.D	RTX-624 0.32 (mm)
IC 200-68619/11		02/20/2014 20:20	1	6246_011.D	RTX-624 0.32 (mm)
IC 200-68619/12		02/20/2014 21:07	1	6246_012.D	RTX-624 0.32 (mm)
IC 200-68619/13		02/20/2014 21:54	1	6246_013.D	RTX-624 0.32 (mm)
VIBLK 200-68619/14		02/20/2014 22:41	1		RTX-624 0.32 (mm)
VIBLK 200-68619/15		02/20/2014 23:28	1		RTX-624 0.32 (mm)
ICV 200-68619/16		02/21/2014 00:15	1	6246_016.D	RTX-624 0.32 (mm)
VIBLK 200-68619/17		02/21/2014 01:02	1		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 01:49	1		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 02:36	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHG.i Start Date: 02/21/2014 11:00

Analysis Batch Number: 68679 End Date: 02/21/2014 15:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68679/1		02/21/2014 11:00	1	6267_001.D	RTX-624 0.32 (mm)
CCVIS 200-68679/2		02/21/2014 11:48	1	6267_002.D	RTX-624 0.32 (mm)
LCS 200-68679/3		02/21/2014 12:36	1	6267_003.D	RTX-624 0.32 (mm)
MB 200-68679/4		02/21/2014 13:23	1	6267_004.D	RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 14:20	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/21/2014 15:18	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHG.i Start Date: 02/21/2014 23:08

Analysis Batch Number: 68745 End Date: 02/22/2014 08:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
200-20955-2	SS-VMP-1B	02/21/2014 23:08	1	6267_016.D	RTX-624 0.32 (mm)
200-20955-4	SS-VMP-2B	02/21/2014 23:55	2.5	6267_017.D	RTX-624 0.32 (mm)
200-20955-6	SS-VMP-2C	02/22/2014 00:43	1	6267_018.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 01:30	12.9		RTX-624 0.32 (mm)
200-20955-8	SS-VMP-3A	02/22/2014 02:17	20.1	6267_020.D	RTX-624 0.32 (mm)
200-20955-10	SS-VMP-3B	02/22/2014 03:04	1	6267_021.D	RTX-624 0.32 (mm)
200-20955-12	SS-VMP-3D	02/22/2014 03:51	1	6267_022.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 04:38	13		RTX-624 0.32 (mm)
200-20955-14	SS-VMP-5B	02/22/2014 05:25	6.9	6267_024.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 06:11	14.8		RTX-624 0.32 (mm)
200-20955-16	SS-VMP-6A	02/22/2014 06:58	10	6267_026.D	RTX-624 0.32 (mm)
ZZZZZ		02/22/2014 07:45	10		RTX-624 0.32 (mm)
200-20955-18	SS-VMP-6B	02/22/2014 08:32	10	6267_028.D	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHW.i Start Date: 02/11/2014 16:00

Analysis Batch Number: 68234 End Date: 02/12/2014 03:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68234/1		02/11/2014 16:00	1	6099_001.d	RTX-624 0.32 (mm)
VIBLK 200-68234/2		02/11/2014 17:33	1		RTX-624 0.32 (mm)
VIBLK 200-68234/3		02/11/2014 18:24	1		RTX-624 0.32 (mm)
IC 200-68234/4		02/11/2014 19:12	1	6101_004.d	RTX-624 0.32 (mm)
IC 200-68234/5		02/11/2014 20:02	1	6101_005.d	RTX-624 0.32 (mm)
IC 200-68234/6		02/11/2014 20:50	1	6101_006.d	RTX-624 0.32 (mm)
IC 200-68234/7		02/11/2014 21:39	1	6101_007.d	RTX-624 0.32 (mm)
ICIS 200-68234/8		02/11/2014 22:30	1	6101_008.d	RTX-624 0.32 (mm)
IC 200-68234/9		02/11/2014 23:18	1	6101_009.d	RTX-624 0.32 (mm)
IC 200-68234/10		02/12/2014 00:07	1	6101_010.d	RTX-624 0.32 (mm)
IC 200-68234/11		02/12/2014 00:55	1	6101_011.d	RTX-624 0.32 (mm)
VIBLK 200-68234/12		02/12/2014 01:43	1		RTX-624 0.32 (mm)
VIBLK 200-68234/13		02/12/2014 02:32	1		RTX-624 0.32 (mm)
ICV 200-68234/14		02/12/2014 03:20	1	6101_014.d	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20955-2

SDG No.: 200-20955-2

Instrument ID: CHW.i Start Date: 02/24/2014 10:20

Analysis Batch Number: 68730 End Date: 02/25/2014 09:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-68730/1		02/24/2014 10:20	1	6282_001.d	RTX-624 0.32 (mm)
CCVIS 200-68730/2		02/24/2014 11:15	1	6282_002.d	RTX-624 0.32 (mm)
LCS 200-68730/3		02/24/2014 12:29	1	6282_003.d	RTX-624 0.32 (mm)
MB 200-68730/4		02/24/2014 13:46	1	6282_004.d	RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 14:55	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 15:50	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 16:41	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 17:31	1		RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 18:25	1		RTX-624 0.32 (mm)
200-20955-20	SS-VMP-3E	02/24/2014 19:16	1	6282_010.d	RTX-624 0.32 (mm)
200-20955-22	SS-VMP-4	02/24/2014 20:04	2	6282_011.d	RTX-624 0.32 (mm)
ZZZZZ		02/24/2014 20:52	10		RTX-624 0.32 (mm)
200-20955-24	SS-VMP-5A	02/24/2014 21:40	5.71	6282_013.d	RTX-624 0.32 (mm)
200-20955-25	SS-VMP-7	02/24/2014 22:28	8	6282_014.d	RTX-624 0.32 (mm)
200-20955-28	SS-VMP-7A	02/24/2014 23:16	7.49	6282_015.d	RTX-624 0.32 (mm)
200-20955-30	SS-DUP-021214	02/25/2014 00:04	7.48	6282_016.d	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 00:53	35.3		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 01:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 02:34	1		RTX-624 0.32 (mm)
200-20969-1	SS-VMP-7B	02/25/2014 03:22	23.8	6282_020.d	RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 04:13	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 05:10	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 05:59	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 06:49	1		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 07:37	10		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 08:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/25/2014 09:55	0.2		RTX-624 0.32 (mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	TALS Job	Date	Time (Military)	Lab BP (Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
ARCADIS	200-20955	2/17/14	1630	30.1	22	G14	MT

Sampling Information and Return Equipment Check		Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?		✓		
(2) Is the flow controller ID used for each canister recorded?		✓		
(3) MA MCP: Check return flow rate for flow controllers			✓	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?			✓	
If damage observed, list equipment IDs and describe condition:				

Post-Sampling Return Pressure Check							
Lab ID	Canister ID	Pressure ¹ (Hg)	Anomaly ² (Y/N)	FC ID ³	FC Return (Y/N)	Can Cert Batch ID	Comments
20955 -1	4442	-15.5	yes	09903	yes	3217 5988	
-2	3011	-5.5	no	09709		↓	
-3	2956	-7.2		10239		5127 5988	
-4	4343	-5.7		09702		5634 5988	
-5	4800	-7.0		4532		3217 5988	
-6	4441	-6.6		10630		5127 5988	
-7	5148	-7.1	↓	10877		3217 5988	
-8	5039	-17.6	yes	4205		↓	
-9	5050	-6.6	no	5232		5634 5988	
-10	5628	-17.4	yes	5203		↓	
-11	2786	-5.2	no	9066		5127 5988	
-12	2639	-6.4	↓	10160		5634 5988	
-13	5628	-14.0	yes	5168			
-14	5104	-19.4	↓	09708			
-15	4150	-5.4	no	10654	10056	mt=2117N4	
-16	3459	-7.0		10254		3217 5988	
-17	5160	-7.2		3736		5634 5988	
-18	2712	-8.5		5182		↓	
-19	4550	-6.0		3123		5127 5988	
-20	5615	-6.3		10587		↓	
-21	5610	-6.8		3695		3217 5988	
-22	5081	-7.3		10659		↓	
-23	4282	-6.6		10240		↓	
-24	5607	-6.4		10053		2631 5988	
-25	5083	-7.0	↓	4056		5634 5988	
-26	3136	-15.9	yes	3118		↓	
-27	4016	-5.8	no	4030	↓	2631 5988	

¹ Criteria: Return Pressure should be between -1 and -10 (Hg)
² If return pressure is not within criteria, initiate anomaly report.
³ Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 57/32, 53, 52, 47

Summa Canister Dilution Worksheet

Client: ARCADIS U.S., Inc.

Job No.: 200-20955-2
SDG No.: 200-20955-2

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-20955-8	6	-11.3	0.62	3.73	-2.4	0.84	5.02		1.34	1.34	02/20/14 10:36	Nelson, Andrea J
200-20955-8	6	-5.0	0.83	5.00	20.1	2.37	14.20		2.84	3.81	02/21/14 15:51	Daigle, Paul A
200-20955-10	6	-16.5	0.45	2.69	-2.4	0.84	5.02		1.87	1.87	02/20/14 10:38	Nelson, Andrea J
200-20955-28	6	-16.9	0.44	2.61	-2.5	0.83	4.98		1.91	1.91	02/20/14 10:42	Nelson, Andrea J
200-20955-30	6	-20.3	0.32	1.93	-2.5	0.83	4.98		2.58	2.58	02/20/14 10:46	Nelson, Andrea J
200-20969-1	6	-4.8	0.84	5.04	36.8	3.50	21.02		4.17	4.17	02/24/14 14:25	Lyons, Benjamin P

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

200-20735-A-6
 5634
 Location: Air Storage
 Bottle: Sample Canister 5L
 Sampled: 1/31/2014 12:03 AM 200-524324

Loc: 200
20735
#6
A

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test											
System ID		# Cycles		Cleaning Date		Technician		Canister Size			
Bottom		20		1/31/14		VS		6L 1L 3L			
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Leak Test		Initial Reading		Final Reading	
						Gauge ID:	Date:	Gauge ID:	Date:		
1	4150	-75.9	-30.2	-29.9	0.3	69	2/1/14	69	2/6/14		
2	5160						930		1410		
3	5050						ms		VS		
4	2712						BP: 79.9	("Hg)	BP: 29.9	("Hg)	
5	5628						Temp 77	(°C)	Temp: 22	(°C)	
6	5634					³ Acceptance Criteria: (1) The difference must be less than or equal to + 0.5 (2) Pressure readings must be at least 24 hours apart. If time frame was not met, the PM must authorize shipment of canister. PM Authorization:					
7	5104					Signature					
8	5144					Date					
9	4343										
10	5618										
11	3136										
12	5083	✓	✓	✓							

VS
1/31/14

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.
³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory											
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level				Secondary Review			
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer	
5634	2/6/14	5988	BL		✓				2/6/14	AWI	

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
 Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
 Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
 Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
 Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

 Routine

Pre-Shipment Clean Canister Certification Report



200-20762-A-12

3217
 Location: Air Storage
 Bottle: Sample Canister 6L
 Sample #: 2/3/2014 12:30 AM 200-624920

Loc: 200
20762
#12
A

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test									
System ID		# Cycles		Cleaning Date		Technician		Canister Size	
TOP		15		2/3/14		VS		6L 1L 3L	
Port	Can ID	Leak Test				Initial Reading		Final Reading	
		Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Gauge ID: G9	Date: 2/4/14	Gauge ID: G9	Date: 2/6/14
1	4800	30.0	-30.1	-29.9	0.2				
2	5610								
3	5039								
4	5148								
5	4442								
6	3011								
7	5081								
8	3459								
9	4282								
10	2706								
11	3233								
12	3217								

³Acceptance Criteria:
 (1) The difference must be less than or equal to + 0.5
 (2) Pressure readings must be at least 24 hours apart.
 If time frame was not met, the PM must authorize shipment of canister:
 PM Authorization:
 Signature _____ Date _____

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
3217	2/6/14	5988	BS						2/6/14	AWI

- Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
- Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
- Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
- Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
- Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:
 Routine



Loc: 200
20763
 #7
 A

Pre-Shipment Clean Canister Certification Report

200-20763-A-7
 2631
 Location: Air Storage
 Bottle: Sigma Canister 5L
 Sampler: 2/3/2014 12:02 AM 200-624927

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test									
System ID		# Cycles		Cleaning Date		Technician		Canister Size	
OVEN		15		2/3/14		VS		(6L) 1L 3L	
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Leak Test			
						Initial Reading	Final Reading		
1	3254	-30.0	-30.2	-29.9	0.3	Gauge ID: 69	Gauge ID: 69		
2	3087					Date: 2/4/14	Date: 2/6/14		
3	2786					Time: 1700	Time: 1330		
4	5140					Tech: VS	Tech: VS		
5	4016					BP: 30.0 ("Hg)	BP: 29.9 ("Hg)		
6	3015					Temp 22 (°C)	Temp: 22 (°C)		
7	2631					³ Acceptance Criteria:			
8	5612					(1) The difference must be less than or equal to + 0.5			
9	3531					(2) Pressure readings must be at least 24 hours apart.			
10	4580					If time frame was not met, the PM must authorize shipment of canister:			
11	4488					PM Authorization:			
12	5607					Signature	Date		

VS
2/6/14

- ¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
- ² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.
- ³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
2631	2/6/14	5988 5988 Anl: 2/6/14	BL		✓				2/6/14	Anl

- Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
- Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
- Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
- Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
- Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Pre-Shipment Clean Canister Certification Report



200-20780-A-8
 2527
 Location: Air Storage
 Bottle: Summit Canister 8L
 Sampled: 2/4/2014 12:00 AM 200-625307

Loc: 200
20780
#8
A

Certification Type: Batch Individual

Canister Cleaning & Pre-Shipment Leak Test									
System ID		# Cycles		Cleaning Date		Technician		Canister Size	
oven		50		2/4/14		VS		6L 1L 3L	
Port	Can ID	Initial ¹ ("Hg)	Final ("Hg)	Adjusted Initial ² ("Hg)	Difference ³	Leak Test			
						Initial Reading		Final Reading	
1	4376	29.7	-30.1	-29.9	0.2	Gauge ID: G11		Gauge ID: G9	
2	5615					Date: 2/5/14		Date: 2/6/14	
3	5620					Time: 1250		Time: 1430	
4	4441					Tech: ME		Tech: VS	
5	2639					BP: 29.7 ("Hg)		BP: 29.9 ("Hg)	
6	5136					Temp: 22 (°C)		Temp: 22 (°C)	
7	4093					³ Acceptance Criteria:			
8	2523					(1) The difference must be less than or equal to + 0.5			
9	5127					(2) Pressure readings must be at least 24 hours apart.			
10	4550					If time frame was not met, the PM must authorize shipment of canister:			
11	2956					PM Authorization:			
12	4869					Signature		Date	

VS
2/6/14

- ¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
- ² To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.
- ³ To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory										
Test Method: <input type="checkbox"/> TO15 Routine <input type="checkbox"/> TO15 LL <input type="checkbox"/> NJDEP-LL TO15				Inventory Level				Secondary Review		
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
2523	2/6/14	5988	BL		✓				2/6/14	ANI

- Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
- Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
- Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
- Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
- Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Routine

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.9	119	70-130	
Dichlorodifluoromethane	10.0	13.1	131	70-130	*
Freon 22	10.0	12.6	126	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.8	128	70-130	
Chloromethane	10.0	12.6	127	70-130	
n-Butane	10.0	12.3	123	70-130	
Vinyl chloride	10.0	12.8	128	70-130	
1,3-Butadiene	10.0	13.4	134	70-130	*
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	13.7	137	70-130	*
Bromoethene (Vinyl Bromide)	10.0	13.5	135	70-130	*
Trichlorofluoromethane	10.0	13.2	132	70-130	*
Ethanol	15.0	17.9	119	70-130	
Freon TF	10.0	13.9	139	70-130	*
1,1-Dichloroethene	10.0	14.1	141	70-130	*
Acetone	10.0	13.1	131	70-130	*
Isopropyl alcohol	10.0	11.0	110	70-130	
Carbon disulfide	10.0	13.0	130	70-130	
3-Chloropropene	10.0	12.6	126	70-130	
Methylene Chloride	10.0	14.2	142	70-130	*
tert-Butyl alcohol	10.0	11.0	110	70-130	
Methyl tert-butyl ether	10.0	13.9	139	70-130	*
trans-1,2-Dichloroethene	10.0	12.9	129	70-130	
n-Hexane	10.0	12.8	128	70-130	
1,1-Dichloroethane	10.0	12.7	128	70-130	
Vinyl acetate	10.0	11.9	119	70-130	
Ethyl acetate	10.0	12.3	123	70-130	
Methyl Ethyl Ketone	10.0	12.5	125	70-130	
cis-1,2-Dichloroethene	10.0	13.4	134	70-130	*
Chloroform	10.0	13.0	130	70-130	
Tetrahydrofuran	10.0	13.1	131	70-130	*
1,1,1-Trichloroethane	10.0	14.0	140	70-130	*
Cyclohexane	10.0	13.7	137	70-130	*
Carbon tetrachloride	10.0	14.3	143	70-130	*
2,2,4-Trimethylpentane	10.0	13.8	138	70-130	*
Benzene	10.0	13.4	134	70-130	*
1,2-Dichloroethane	10.0	13.5	135	70-130	*
n-Heptane	10.0	14.0	140	70-130	*
Trichloroethene	10.0	13.8	138	70-130	*
Methyl methacrylate	10.0	13.5	135	70-130	*
1,2-Dichloropropane	10.0	13.3	133	70-130	*
1,4-Dioxane	10.0	11.4	115	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 5988_025.d
 Lab ID: LCS 200-67984/25 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	14.5	145	70-130	*
cis-1,3-Dichloropropene	10.0	13.9	139	70-130	*
methyl isobutyl ketone	10.0	14.8	148	70-130	*
Toluene	10.0	12.3	123	70-130	
trans-1,3-Dichloropropene	10.0	13.9	139	70-130	*
1,1,2-Trichloroethane	10.0	12.5	125	70-130	
Tetrachloroethene	10.0	12.8	128	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	13.1	131	70-130	*
Dibromochloromethane	10.0	14.3	143	70-130	*
1,2-Dibromoethane	10.0	12.9	129	70-130	
Chlorobenzene	10.0	12.3	123	70-130	
Ethylbenzene	10.0	12.8	128	70-130	
m,p-Xylene	20.0	25.4	127	70-130	
Xylene, o-	10.0	12.9	129	70-130	
Styrene	10.0	13.2	132	70-130	*
Bromoform	10.0	14.7	147	70-130	*
Cumene	10.0	13.3	134	70-130	*
1,1,2,2-Tetrachloroethane	10.0	12.7	127	70-130	
n-Propylbenzene	10.0	13.7	137	70-130	*
4-Ethyltoluene	10.0	13.8	138	70-130	*
1,3,5-Trimethylbenzene	10.0	13.0	130	70-130	
2-Chlorotoluene	10.0	13.5	135	70-130	*
tert-Butylbenzene	10.0	13.2	132	70-130	*
1,2,4-Trimethylbenzene	10.0	13.1	131	70-130	*
sec-Butylbenzene	10.0	13.3	133	70-130	*
4-Isopropyltoluene	10.0	13.7	137	70-130	*
1,3-Dichlorobenzene	10.0	13.0	130	70-130	
1,4-Dichlorobenzene	10.0	13.1	131	70-130	*
Benzyl chloride	10.0	11.2	112	70-130	
n-Butylbenzene	10.0	13.9	139	70-130	*
1,2-Dichlorobenzene	10.0	12.9	129	70-130	
1,2,4-Trichlorobenzene	10.0	13.0	130	70-130	
Hexachlorobutadiene	10.0	14.0	140	70-130	*
Naphthalene	10.0	14.3	143	70-130	*

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
5634	200-20735-6	5988_013.d	02/06/2014 08:58

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

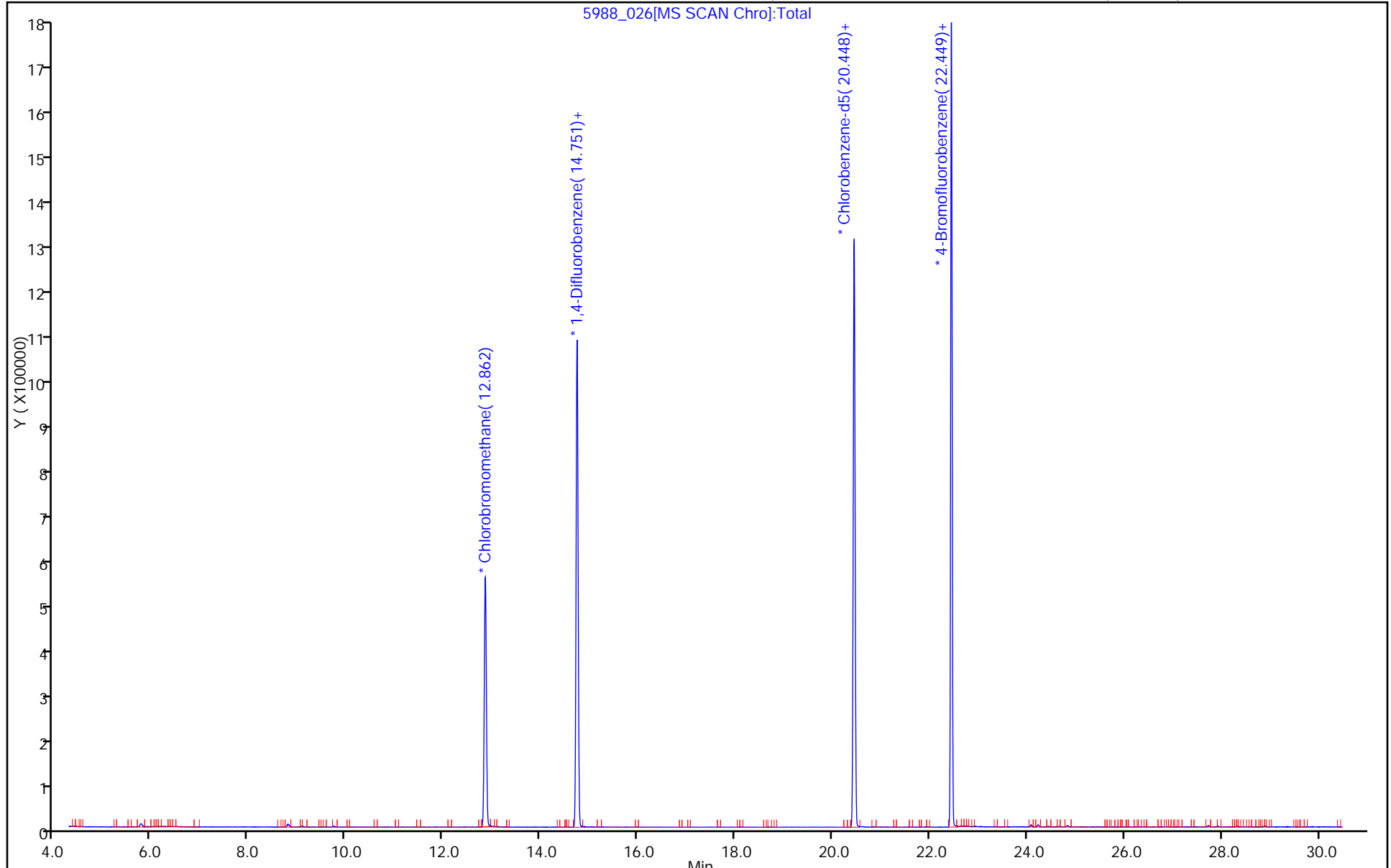
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
3217	200-20762-12	5988_008.d	02/05/2014 20:06

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

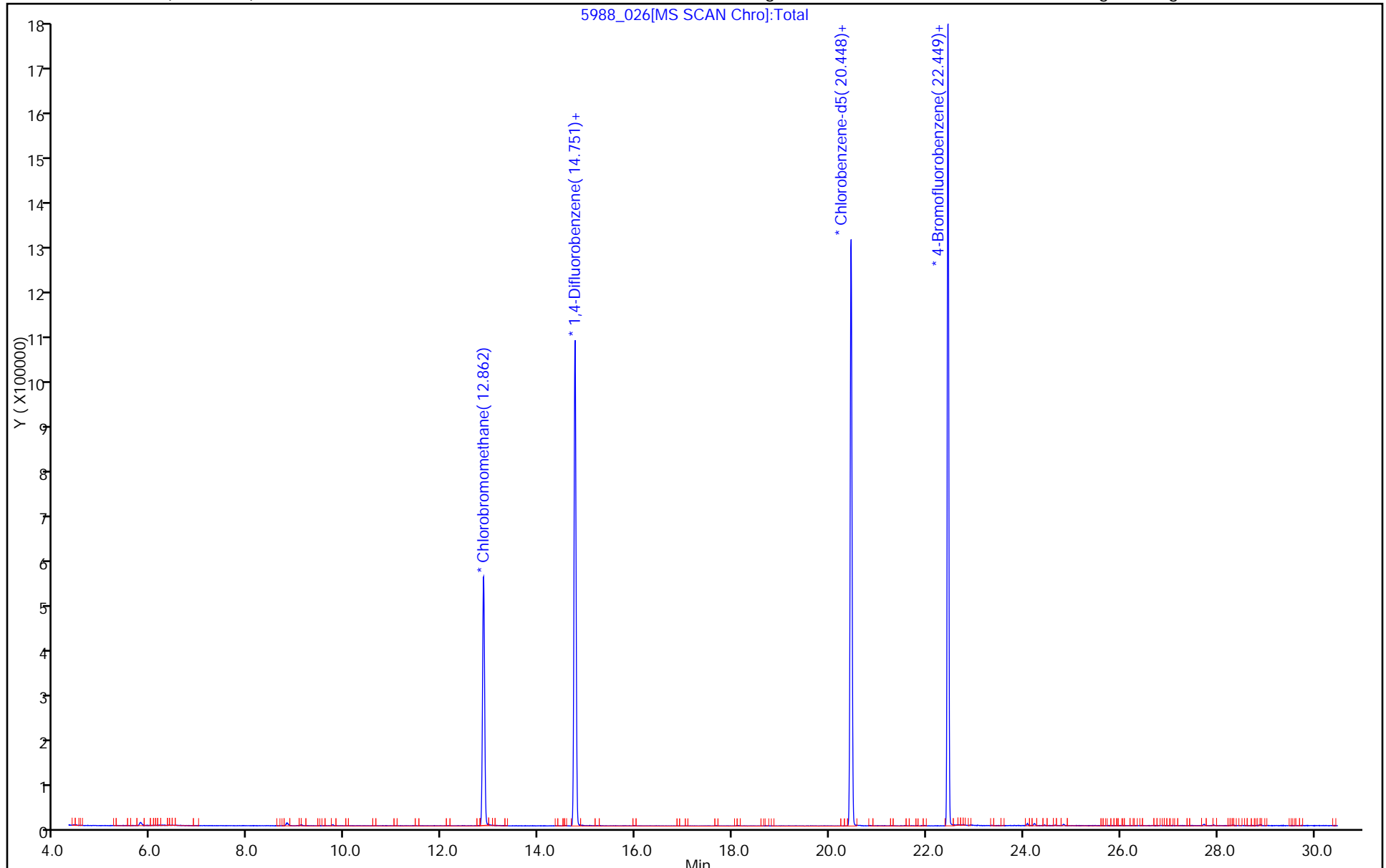
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
2631	200-20763-7	5988_007.d	02/05/2014 19:00

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

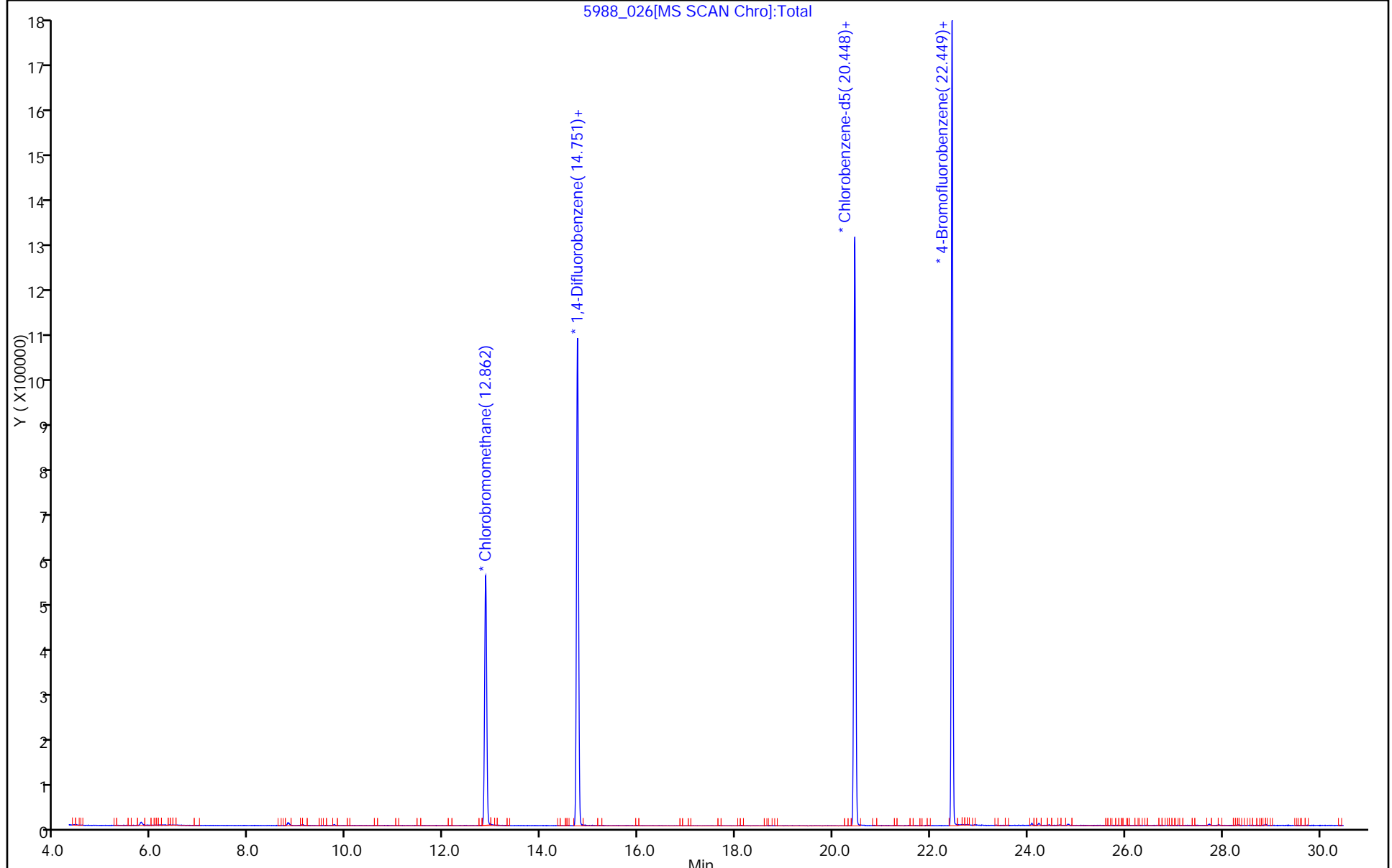
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab File ID: 5988_026.d Lab Sample ID: MB 200-67984/26
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHW.i Date Analyzed: 02/05/2014 15:38
 GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-67984/25	5988_025.d	02/05/2014 14:47
2523	200-20780-8	5988_005.d	02/05/2014 16:44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-67984/26
 Matrix: Air Lab File ID: 5988_026.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200(mL) Date Analyzed: 02/05/2014 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d
 Lims ID: MB Lab Sample ID: MB 200-67984/26-A
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Feb-2014 15:38:30 ALS Bottle#: 5 Worklist Smp#: 26
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0005988-026
 Misc. Info.: MB
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 12:51:08 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:20:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
2 Difluoroethane TIC	51		3.150					
3 Chlorotrifluoroethene TIC	116		3.162					
4 Freon 115 TIC	85		3.180					
5 1,1,1-Trifluoro-2,2-dichloroethane	83		3.200					
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoroethane	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
15 2-Methylbutane	43		6.684					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
25 Methyl Acetate TIC	43		7.200					
18 Pentane	43		7.352					
19 Ethanol	45		7.807					
20 Ethyl ether	59		7.941					
21 Acrolein	56		8.406					
22 1,1,2-Trichloro-1,2,2-trifluoroethane	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
29 Acetonitrile	41		9.540					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
34 Acrylonitrile	53		10.386					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
47 Methyl cyclohexane TIC	55		11.500					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					
* 42 Chlorobromomethane	128	12.862	12.857	0.005	69	304491	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.751	14.751	0.0	92	1492766	10.0	
54 n-Butanol	56		15.034					
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
A 61 GRO	1	16.556	6.598 -	26.515	0	10826146	199.9	E
A 62 TVOC as Toluene	1	16.647	4.314 -	28.981	0	10961105	112.3	
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
67 n-Octane	43		17.661					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
74 1,2-Dibromo-3-Chloropropane TIC	75		19.300					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	82	1283110	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
78 n-Nonane	57		20.678					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	781382	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
87 1,2,3-Trichloropropane	75		22.775					
88 n-Decane	57		22.861					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
91 Alpha Methyl Styrene	118		23.359					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
99 Undecane	57		24.637					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
102 Dodecane	57		26.440					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					
106 1,2,3-Trichlorobenzene	180		28.890					
108 Total Alkanes	1		0.0					
109 Total Hydrocarbons	1		0.0					
110 BFB								

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_026.d

Injection Date: 05-Feb-2014 15:38:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: MB

Lab Sample ID: MB 200-67984/26-A

Worklist Smp#: 26

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

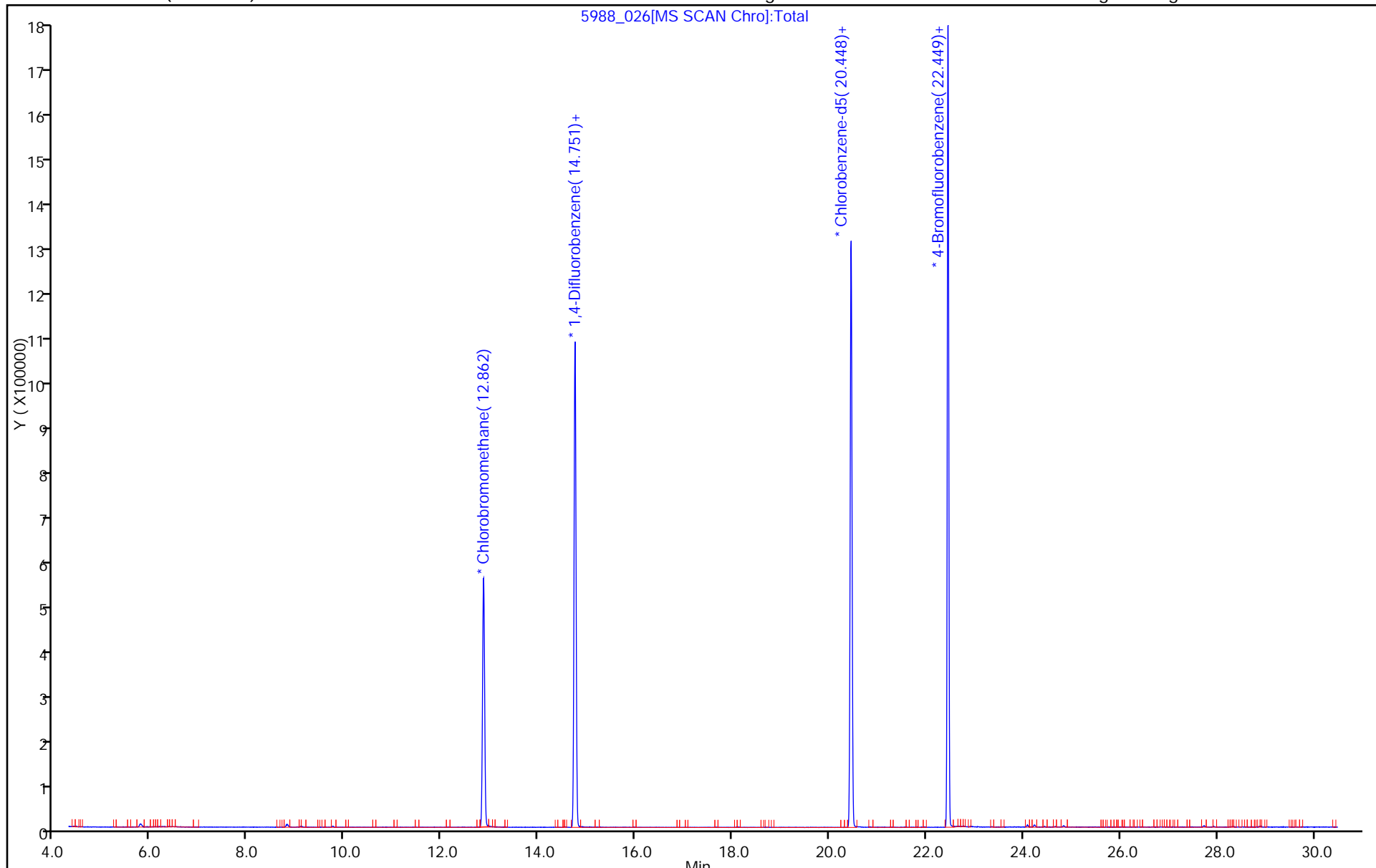
ALS Bottle#: 5

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.7
75	30.0 - 66.0% of mass 95	46.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	104.5
175	4.0 - 9.0 % of mass 174	7.3 (7.0)1
176	93.0 - 101.0% of mass 174	101.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.7 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
5634	200-20735-6	5988_013.d	02/06/2014	08:58

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.7
75	30.0 - 66.0% of mass 95	46.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	104.5
175	4.0 - 9.0 % of mass 174	7.3 (7.0)1
176	93.0 - 101.0% of mass 174	101.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.7 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
3217	200-20762-12	5988_008.d	02/05/2014	20:06

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.7	
75	30.0 - 66.0% of mass 95	46.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.6	(0.5)1
174	50.0 - 120.0% of mass 95	104.5	
175	4.0 - 9.0 % of mass 174	7.3	(7.0)1
176	93.0 - 101.0% of mass 174	101.3	(96.9)1
177	5.0 - 9.0% of mass 176	6.7	(6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
2631	200-20763-7	5988_007.d	02/05/2014	19:00

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab File ID: wak001.d BFB Injection Date: 12/12/2013
 Instrument ID: CHW.i BFB Injection Time: 15:40
 Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.0	
75	30.0 - 66.0% of mass 95	44.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	100.6	
175	4.0 - 9.0 % of mass 174	7.1	(7.1)1
176	93.0 - 101.0% of mass 174	97.7	(97.1)1
177	5.0 - 9.0% of mass 176	6.6	(6.8)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-65929/4	wak004.d	12/12/2013	18:12
	IC 200-65929/5	wak005.d	12/12/2013	19:03
	IC 200-65929/6	wak006.d	12/12/2013	19:52
	IC 200-65929/7	wak007.d	12/12/2013	20:40
	ICIS 200-65929/8	wak008.d	12/12/2013	21:29
	IC 200-65929/9	wak009.d	12/12/2013	22:18
	IC 200-65929/10	wak010.d	12/12/2013	23:07
	IC 200-65929/11	wak011.d	12/12/2013	23:57
	ICV 200-65929/14	wak014.d	12/13/2013	02:26

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab File ID: 5988_001.d BFB Injection Date: 02/05/2014
 Instrument ID: CHW.i BFB Injection Time: 11:05
 Analysis Batch No.: 67984

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.7	
75	30.0 - 66.0% of mass 95	46.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.6	(0.5)1
174	50.0 - 120.0% of mass 95	104.5	
175	4.0 - 9.0 % of mass 174	7.3	(7.0)1
176	93.0 - 101.0% of mass 174	101.3	(96.9)1
177	5.0 - 9.0% of mass 176	6.7	(6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-67984/2	5988_002.d	02/05/2014	11:56
	LCS 200-67984/25	5988_025.d	02/05/2014	14:47
	MB 200-67984/26	5988_026.d	02/05/2014	15:38
2523	200-20780-8	5988_005.d	02/05/2014	16:44

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45	
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78	
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-65929/14		239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45	
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78	
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67984/25		262124	12.86	1217427	14.75	1165109	20.45
MB 200-67984/26		304491	12.86	1492766	14.75	1283110	20.45
200-20735-6	5634	267894	12.85	1294923	14.74	1104655	20.44

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45		
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78		
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-67984/25			262124	12.86	1217427	14.75	1165109	20.45
MB 200-67984/26			304491	12.86	1492766	14.75	1283110	20.45
200-20762-12	3217		263456	12.87	1276266	14.76	1092574	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45	
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78	
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67984/25	262124	12.86	1217427	14.75	1165109	20.45	
MB 200-67984/26	304491	12.86	1492766	14.75	1283110	20.45	
200-20763-7	2631	260314	12.86	1273595	14.75	1096431	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Sample No.: ICIS 200-65929/8 Date Analyzed: 12/12/2013 21:29
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): wak008.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	248225	12.87	1207029	14.76	1082079	20.45
UPPER LIMIT	347515	13.20	1689841	15.09	1514911	20.78
LOWER LIMIT	148935	12.54	724217	14.43	649247	20.12
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-65929/14	239504	12.87	1142712	14.75	1065474	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Sample No.: CCVIS 200-67984/2 Date Analyzed: 02/05/2014 11:56
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 5988_002.d Heated Purge: (Y/N) N
 Calibration ID: 24715

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	268504	12.86	1263079	14.75	1180358	20.45	
UPPER LIMIT	375906	13.19	1768311	15.08	1652501	20.78	
LOWER LIMIT	161102	12.53	757847	14.42	708215	20.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-67984/25	262124	12.86	1217427	14.75	1165109	20.45	
MB 200-67984/26	304491	12.86	1492766	14.75	1283110	20.45	
200-20780-8	2523	285547	12.85	1390713	14.75	1200992	20.45

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: 5634 Lab Sample ID: 200-20735-6
 Matrix: Air Lab File ID: 5988_013.d
 Analysis Method: TO-15 Date Collected: 01/31/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/06/2014 08:58
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: 5634 Lab Sample ID: 200-20735-6
 Matrix: Air Lab File ID: 5988_013.d
 Analysis Method: TO-15 Date Collected: 01/31/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/06/2014 08:58
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Client Sample ID: 5634 Lab Sample ID: 200-20735-6
 Matrix: Air Lab File ID: 5988_013.d
 Analysis Method: TO-15 Date Collected: 01/31/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/06/2014 08:58
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d
 Lims ID: 200-20735-A-6 Lab Sample ID: 200-20735-6
 Client ID: 5634
 Sample Type: Client
 Inject. Date: 06-Feb-2014 08:58:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-013
 Misc. Info.: 200-20735-a-6
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:30:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43	8.775	8.749	0.027	58	7725	0.2069	M
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.852	12.857	-0.005	67	267894	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.740	14.751	-0.011	93	1294923	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.443	20.448	-0.005	83	1104655	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.444	22.449	-0.005	0	733975	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------------	-------

110 BFB

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d

Injection Date: 06-Feb-2014 08:58:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20735-A-6

Lab Sample ID: 200-20735-6

Worklist Smp#: 13

Client ID: 5634

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

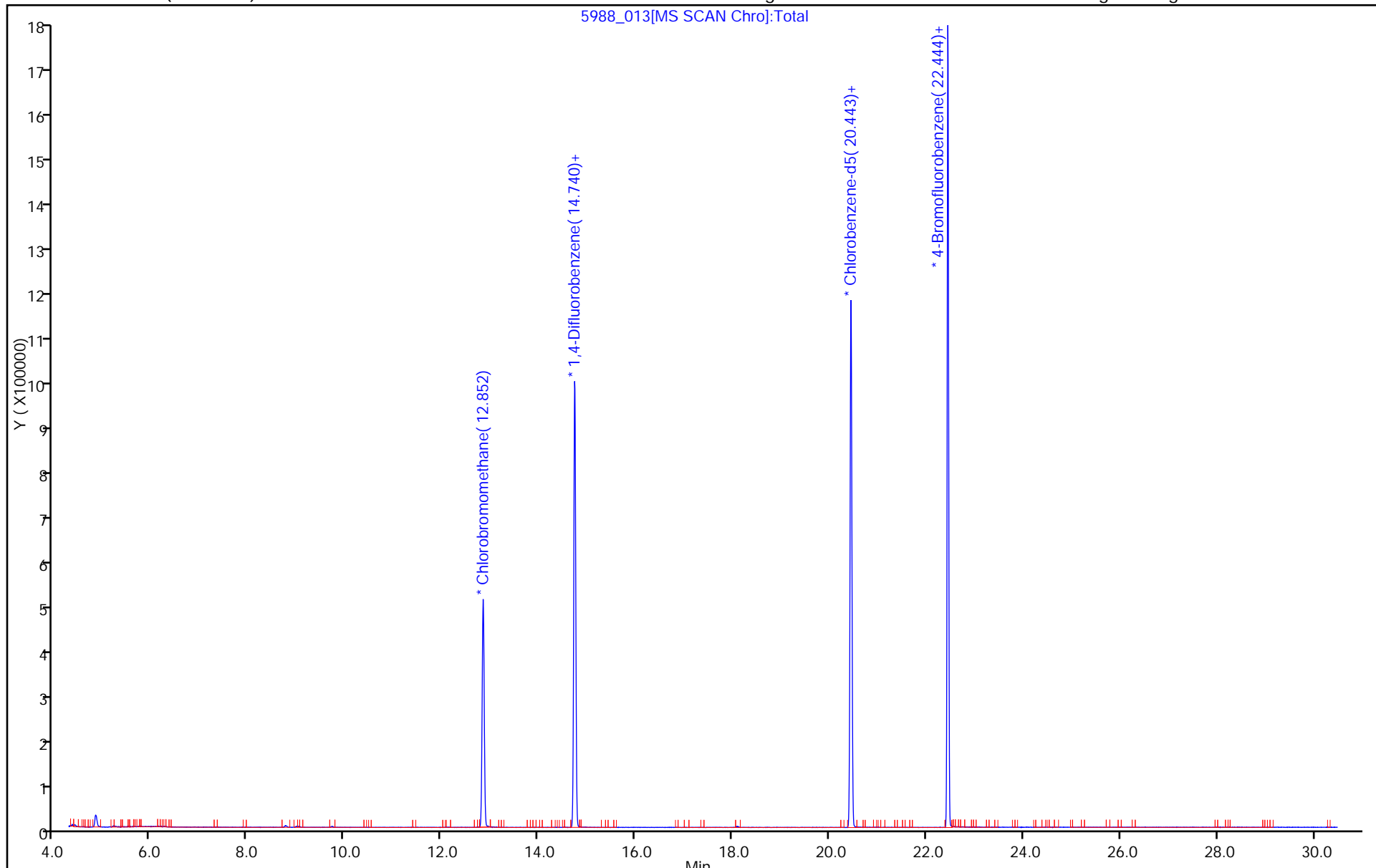
ALS Bottle#: 12

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



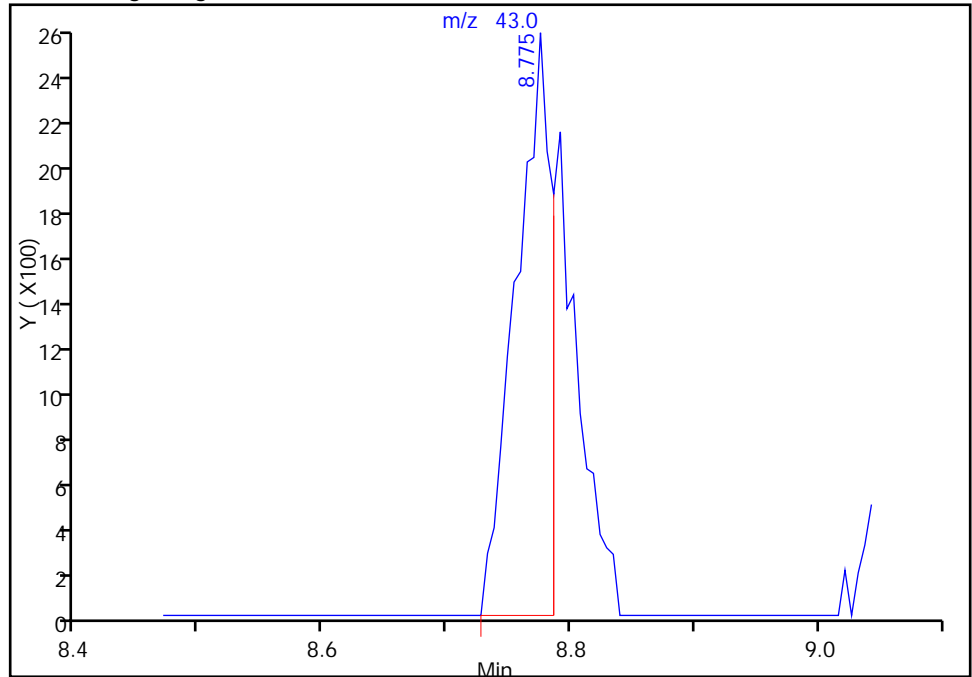
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d
Injection Date: 06-Feb-2014 08:58:30 Instrument ID: CHW.i
Lims ID: 200-20735-A-6 Lab Sample ID: 200-20735-6
Client ID: 5634
Operator ID: PAD ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

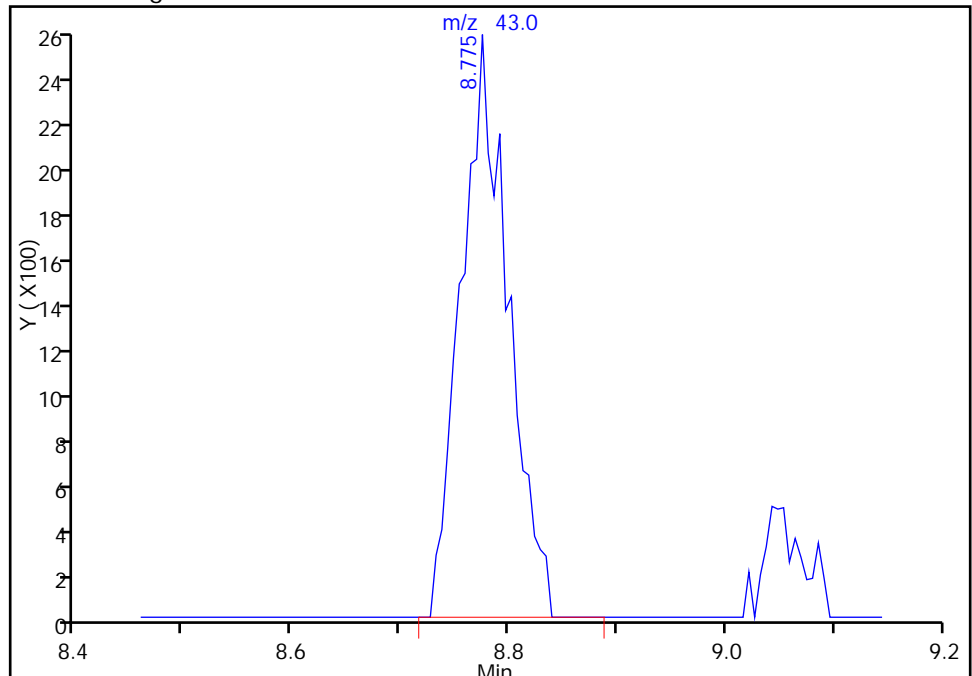
RT: 8.78
Response: 5156
Amount: 0.138083

Processing Integration Results



RT: 8.78
Response: 7725
Amount: 0.206883

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:30:05
Audit Action: Manually Integrated
Audit Reason: Baseline Event

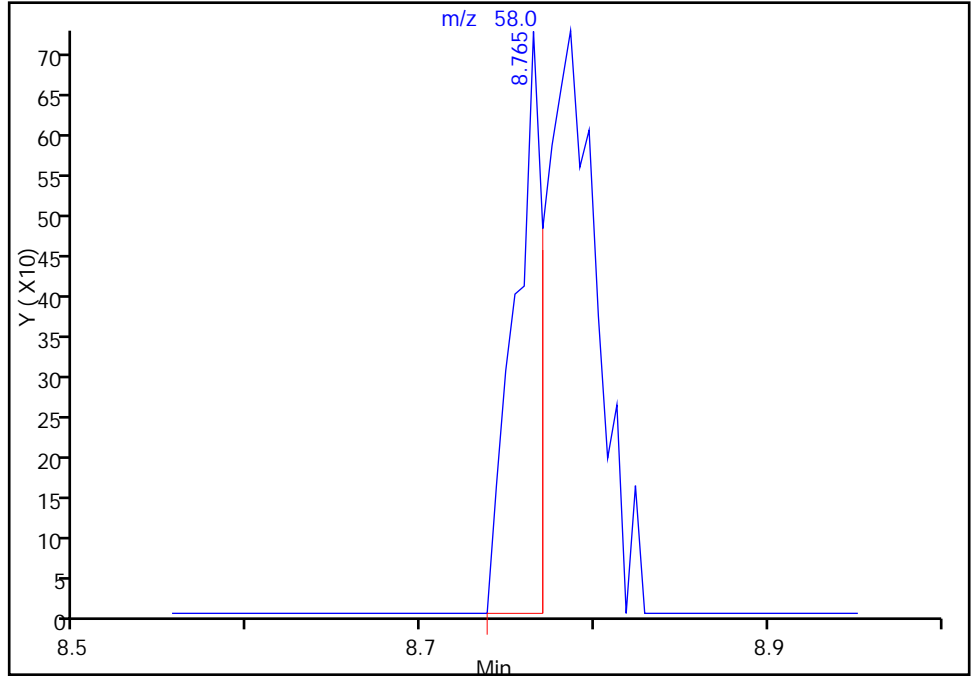
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_013.d
Injection Date: 06-Feb-2014 08:58:30 Instrument ID: CHW.i
Lims ID: 200-20735-A-6 Lab Sample ID: 200-20735-6
Client ID: 5634
Operator ID: PAD ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

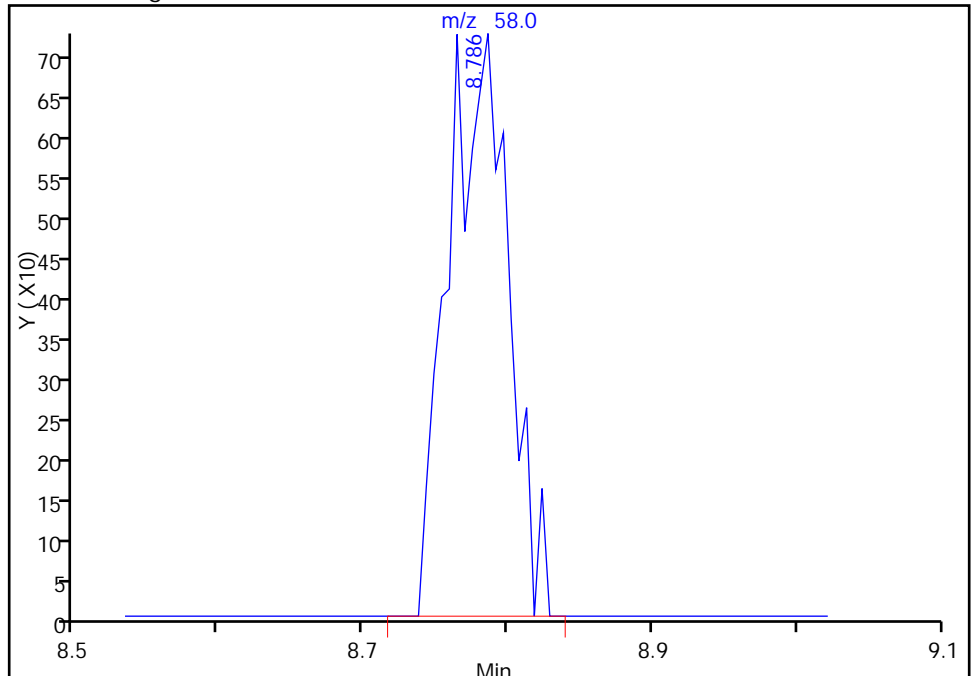
RT: 8.76
Response: 788
Amount: 0.138083

Processing Integration Results



RT: 8.79
Response: 2096
Amount: 0.206883

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:30:05
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: 3217 Lab Sample ID: 200-20762-12
 Matrix: Air Lab File ID: 5988_008.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: 3217 Lab Sample ID: 200-20762-12
 Matrix: Air Lab File ID: 5988_008.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Client Sample ID: 3217 Lab Sample ID: 200-20762-12
 Matrix: Air Lab File ID: 5988_008.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
 Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
 Client ID: 3217
 Sample Type: Client
 Inject. Date: 05-Feb-2014 20:06:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-008
 Misc. Info.: 200-20762-A-12
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:23:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43	8.845	8.749	0.097	74	6661	0.1814	M
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45	9.139	9.037	0.102	44	3291	0.1263	M
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.873	12.857	0.016	69	263456	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.756	14.751	0.005	92	1276266	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	84	1092574	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	710333	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------------	-------

110 BFB

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d

Injection Date: 05-Feb-2014 20:06:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20762-A-12

Lab Sample ID: 200-20762-12

Worklist Smp#: 8

Client ID: 3217

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

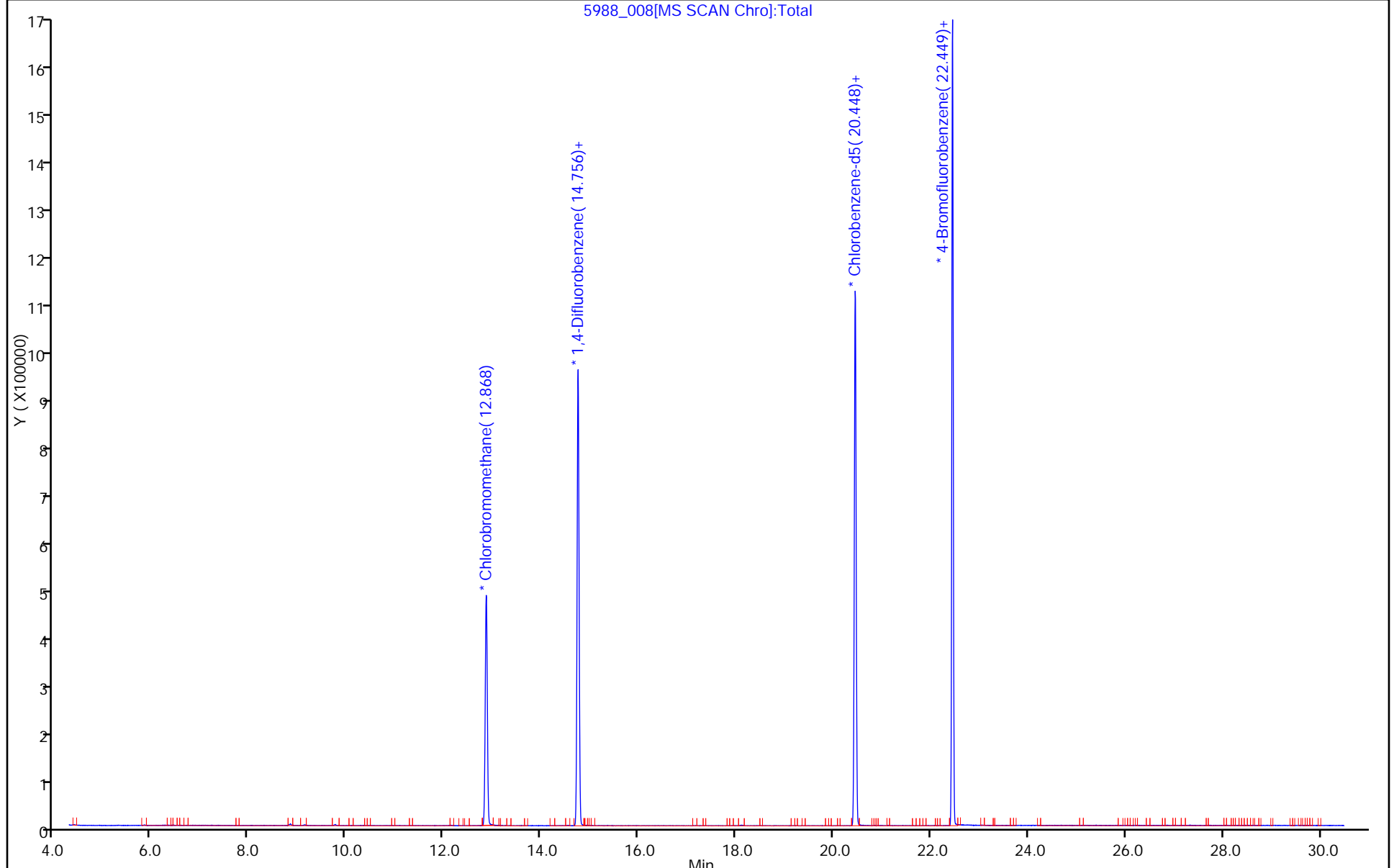
ALS Bottle#: 7

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



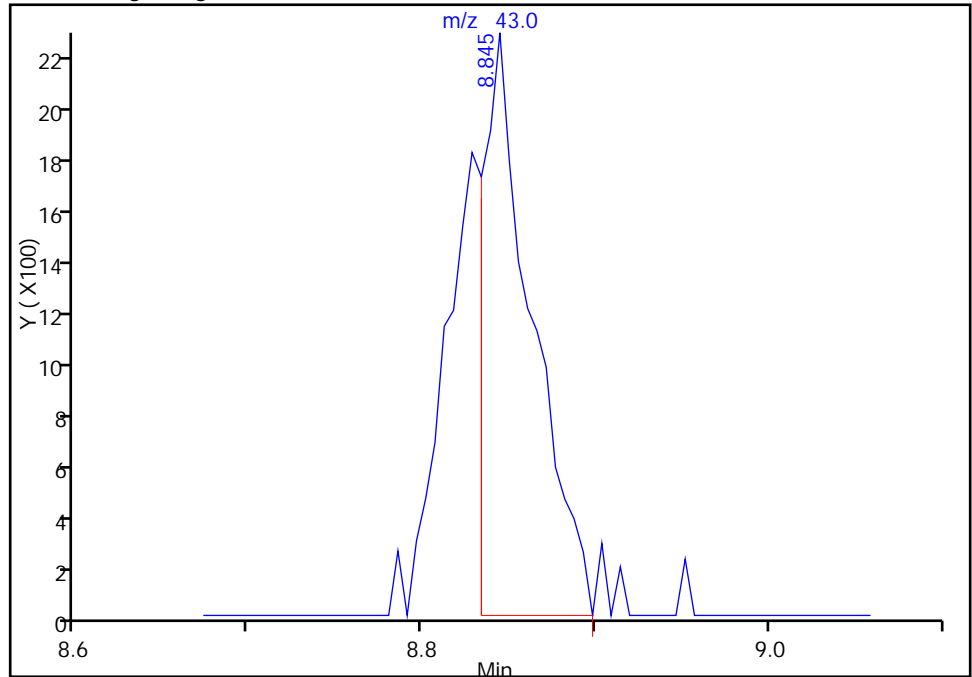
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

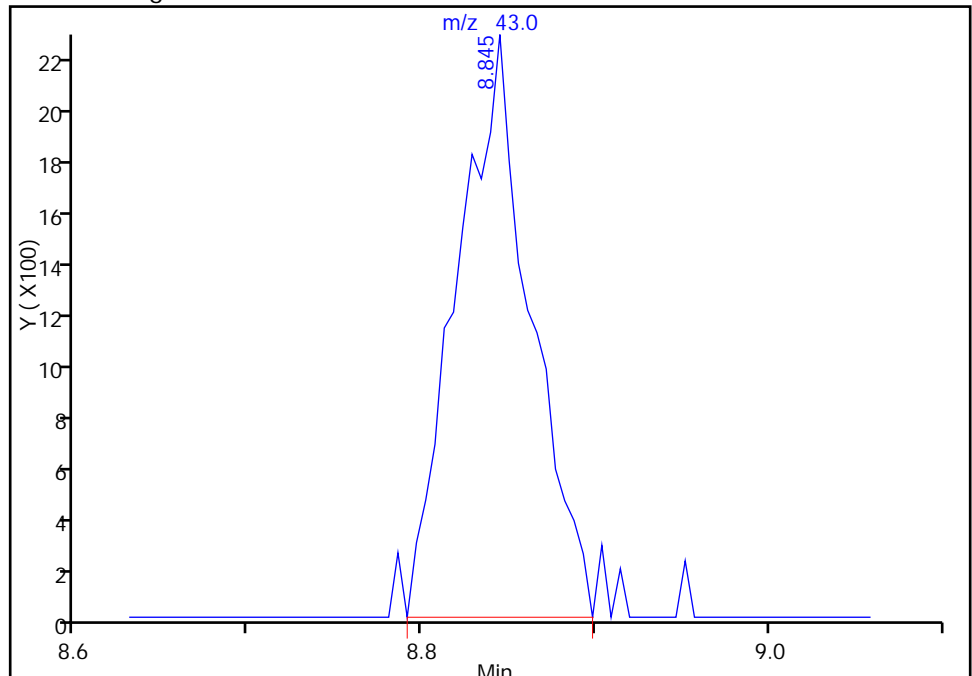
RT: 8.84
Response: 4423
Amount: 0.120448

Processing Integration Results



RT: 8.84
Response: 6661
Amount: 0.181393

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

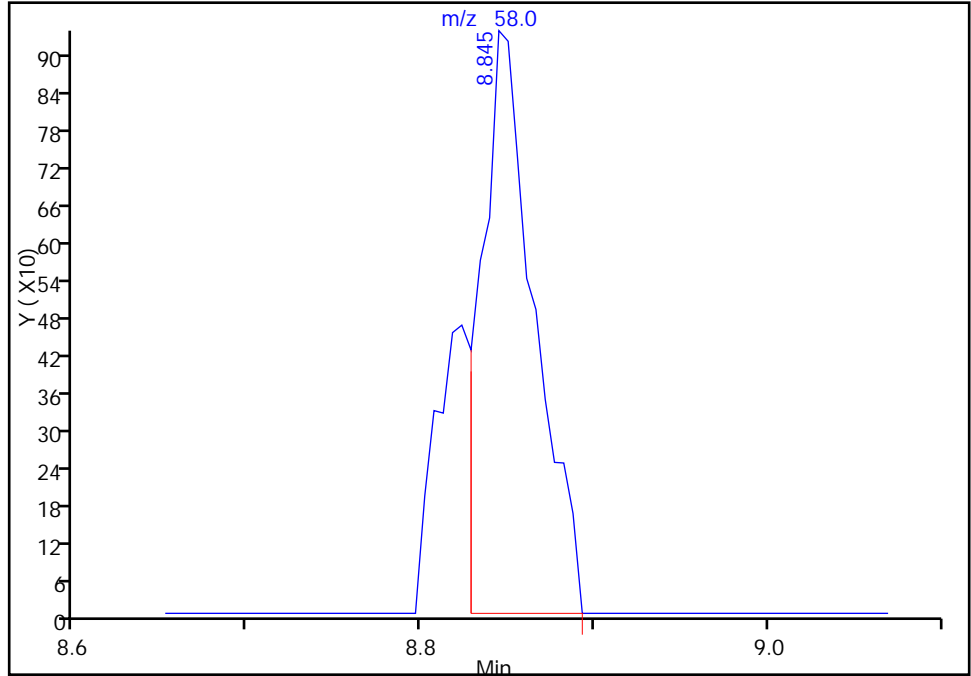
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetone, CAS: 67-64-1

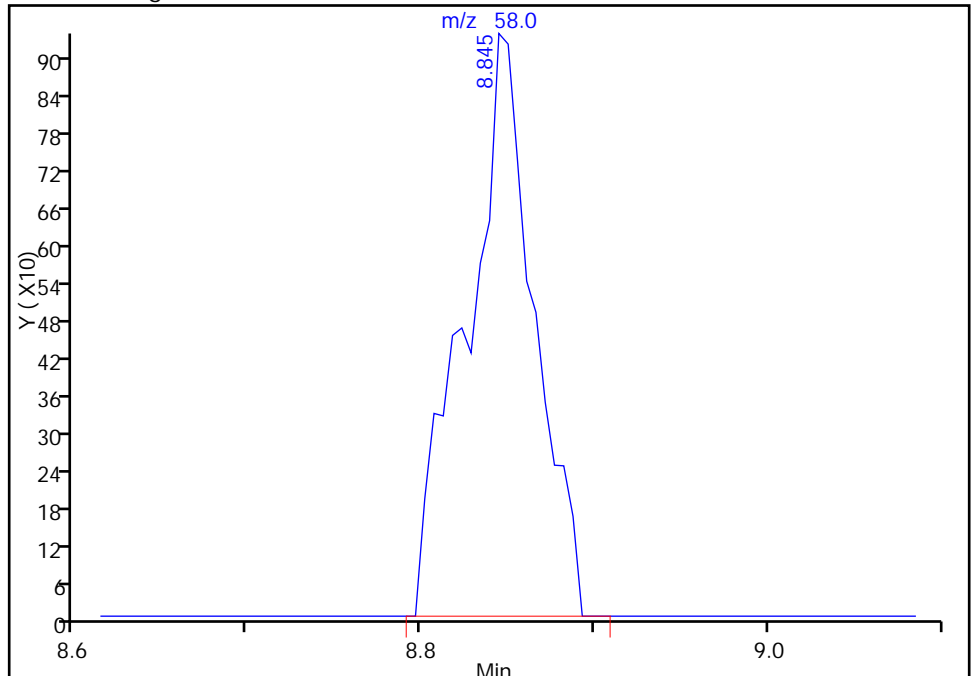
RT: 8.84
Response: 1995
Amount: 0.120448

Processing Integration Results



RT: 8.84
Response: 2555
Amount: 0.181393

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

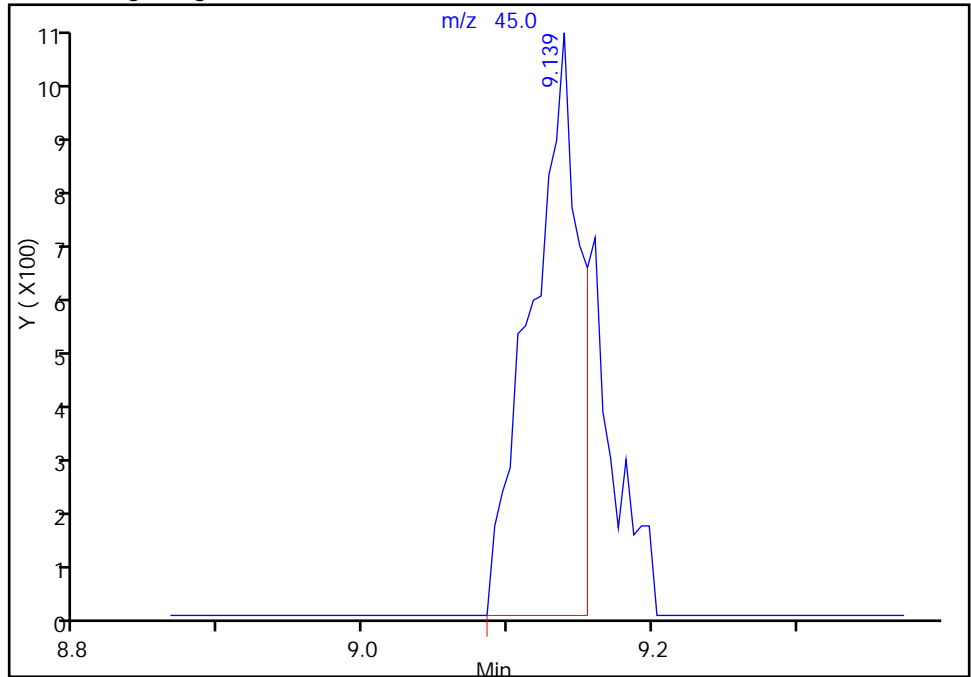
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0

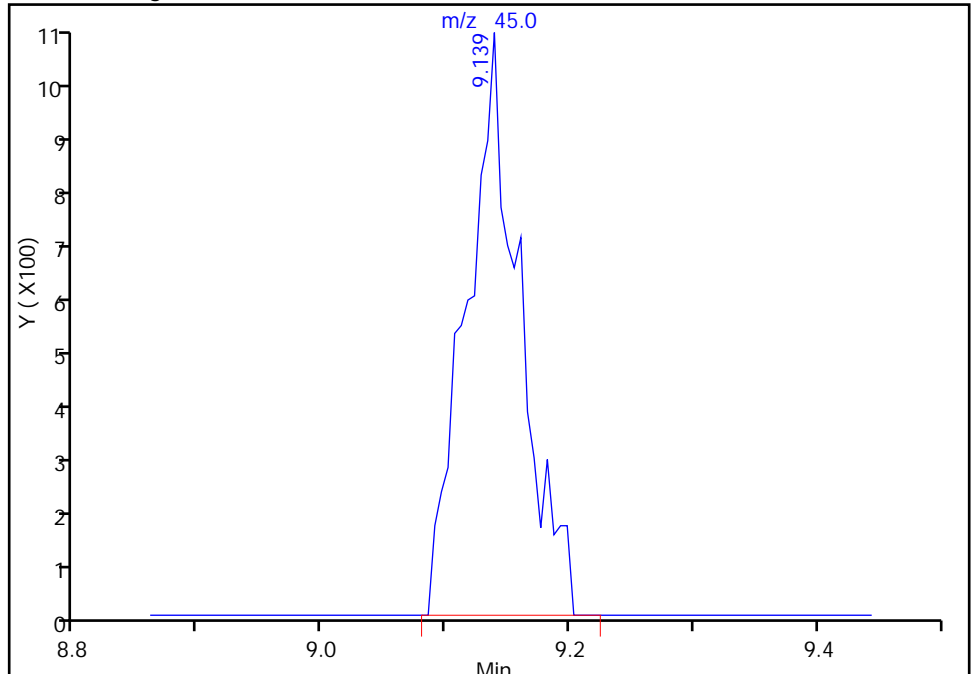
RT: 9.14
Response: 2539
Amount: 0.097459

Processing Integration Results



RT: 9.14
Response: 3291
Amount: 0.126324

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

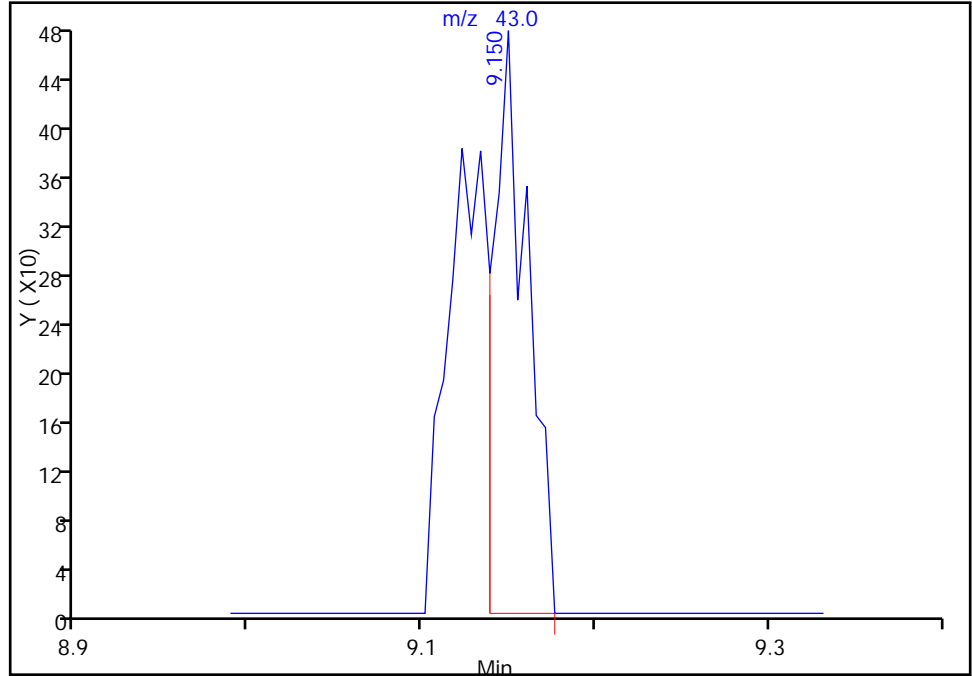
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_008.d
Injection Date: 05-Feb-2014 20:06:30 Instrument ID: CHW.i
Lims ID: 200-20762-A-12 Lab Sample ID: 200-20762-12
Client ID: 3217
Operator ID: PAD ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

27 Isopropyl alcohol, CAS: 67-63-0

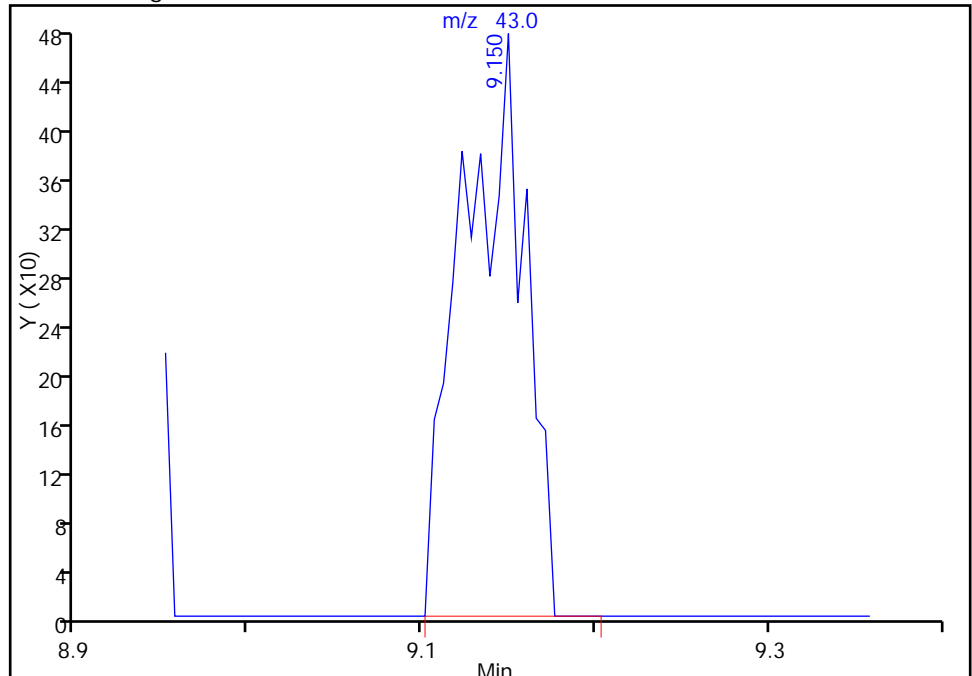
RT: 9.15
Response: 652
Amount: 0.097459

Processing Integration Results



RT: 9.15
Response: 1200
Amount: 0.126324

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:23:54
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: 2631 Lab Sample ID: 200-20763-7
 Matrix: Air Lab File ID: 5988_007.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 19:00
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: 2631 Lab Sample ID: 200-20763-7
 Matrix: Air Lab File ID: 5988_007.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 19:00
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Client Sample ID: 2631 Lab Sample ID: 200-20763-7
 Matrix: Air Lab File ID: 5988_007.d
 Analysis Method: TO-15 Date Collected: 02/03/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 19:00
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_007.d
 Lims ID: 200-20763-A-7 Lab Sample ID: 200-20763-7
 Client ID: 2631
 Sample Type: Client
 Inject. Date: 05-Feb-2014 19:00:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-007
 Misc. Info.: 200-20763-A-7
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:23:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51		4.533					
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43	8.775	8.749	0.027	71	9604	0.2647	
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.857	12.857	0.0	69	260314	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.746	14.751	-0.005	92	1273595	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	84	1096431	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.444	22.449	-0.005	0	705251	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------------	-------

110 BFB

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_007.d

Injection Date: 05-Feb-2014 19:00:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20763-A-7

Lab Sample ID: 200-20763-7

Worklist Smp#: 7

Client ID: 2631

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

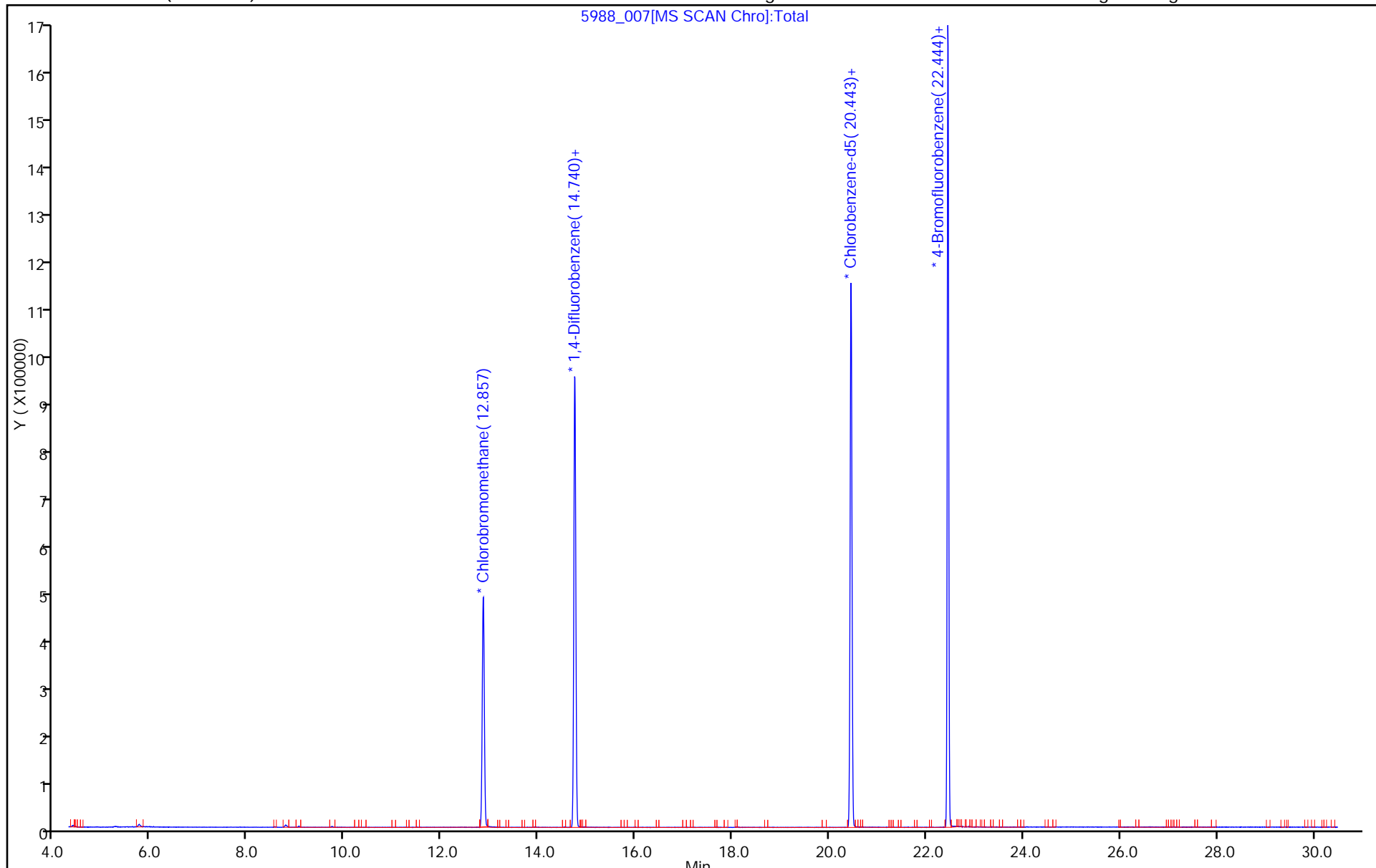
ALS Bottle#: 6

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: 2523 Lab Sample ID: 200-20780-8
 Matrix: Air Lab File ID: 5988_005.d
 Analysis Method: TO-15 Date Collected: 02/04/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U *	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U *	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U *	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U *	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U *	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U *	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U *	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U *	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U *	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U *	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U *	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U *	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U *	0.040	0.040
110-82-7	Cyclohexane	0.040	U *	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U *	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: 2523 Lab Sample ID: 200-20780-8
 Matrix: Air Lab File ID: 5988_005.d
 Analysis Method: TO-15 Date Collected: 02/04/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U *	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U *	0.040	0.040
142-82-5	n-Heptane	0.040	U *	0.040	0.040
79-01-6	Trichloroethene	0.040	U *	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U *	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U *	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U *	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U *	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U *	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U *	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U *	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U *	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U *	0.040	0.040
75-25-2	Bromoform	0.040	U *	0.040	0.040
98-82-8	Cumene	0.040	U *	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U *	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U *	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U *	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U *	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U *	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U *	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U *	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U *	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Client Sample ID: 2523 Lab Sample ID: 200-20780-8
 Matrix: Air Lab File ID: 5988_005.d
 Analysis Method: TO-15 Date Collected: 02/04/2014 00:00
 Sample wt/vol: 1000(mL) Date Analyzed: 02/05/2014 16:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 67984 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U *	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U *	0.040	0.040
91-20-3	Naphthalene	0.10	U *	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
 Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
 Client ID: 2523
 Sample Type: Client
 Inject. Date: 05-Feb-2014 16:44:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0005988-005
 Misc. Info.: 200-20780-A-8
 Operator ID: PAD Instrument ID: CHW.i
 Method: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\TO15v5_W.m
 Limit Group: AI_TO15_Limits
 Last Update: 06-Feb-2014 11:30:50 Calib Date: 12-Dec-2013 23:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\BTV-LIMS1\ChromData\CHW.i\20131212-5428.b\wak011.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: XAWRK023

First Level Reviewer: lyonsb

Date: 06-Feb-2014 11:21:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Propene	41		4.378					
6 Dichlorodifluoromethane	85		4.469					
7 Chlorodifluoromethane	51	4.538	4.533	0.005	57	6023	0.1422	M
8 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.822					
9 Chloromethane	50		5.014					
10 Butane	43		5.282					
11 Vinyl chloride	62		5.335					
12 Butadiene	54		5.437					
13 Bromomethane	94		6.304					
14 Chloroethane	64		6.593					
16 Vinyl bromide	106		7.074					
17 Trichlorofluoromethane	101		7.186					
19 Ethanol	45		7.807					
22 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.444					
23 1,1-Dichloroethene	96		8.518					
24 Acetone	43		8.749					
26 Carbon disulfide	76		9.000					
27 Isopropyl alcohol	45		9.037					
28 3-Chloro-1-propene	41		9.407					
30 Methylene Chloride	49		9.738					
31 2-Methyl-2-propanol	59		9.915					
S 38 1,2-Dichloroethene, Total	61		10.000					
32 Methyl tert-butyl ether	73		10.166					
33 trans-1,2-Dichloroethene	61		10.230					
35 Hexane	57		10.648					
36 1,1-Dichloroethane	63		11.199					
37 Vinyl acetate	43		11.241					
39 cis-1,2-Dichloroethene	96		12.376					
40 2-Butanone (MEK)	72		12.397					
41 Ethyl acetate	88		12.424					
43 Tetrahydrofuran	42		12.852					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 42 Chlorobromomethane	128	12.852	12.857	-0.005	69	285547	10.0	
44 Chloroform	83		12.969					
45 Cyclohexane	84		13.264					
46 1,1,1-Trichloroethane	97		13.280					
48 Carbon tetrachloride	117		13.537					
49 Isooctane	57		13.927					
50 Benzene	78		13.986					
51 1,2-Dichloroethane	62		14.146					
52 n-Heptane	43		14.280					
* 53 1,4-Difluorobenzene	114	14.745	14.751	-0.006	92	1390713	10.0	
55 Trichloroethene	95		15.211					
S 63 Xylenes, Total	106		15.600					
56 1,2-Dichloropropane	63		15.730					
57 Methyl methacrylate	69		15.821					
58 1,4-Dioxane	88		15.912					
59 Dibromomethane	174		15.976					
60 Dichlorobromomethane	83		16.227					
64 cis-1,3-Dichloropropene	75		17.089					
65 4-Methyl-2-pentanone (MIBK)	43		17.324					
66 Toluene	92		17.661					
68 trans-1,3-Dichloropropene	75		18.196					
69 1,1,2-Trichloroethane	83		18.565					
70 Tetrachloroethene	166		18.699					
71 2-Hexanone	43		18.956					
72 Chlorodibromomethane	129		19.320					
73 Ethylene Dibromide	107		19.603					
* 75 Chlorobenzene-d5	117	20.448	20.448	0.0	83	1200992	10.0	
76 Chlorobenzene	112		20.507					
77 Ethylbenzene	91		20.620					
79 m-Xylene & p-Xylene	106		20.833					
80 o-Xylene	106		21.550					
81 Styrene	104		21.588					
82 Bromoform	173		21.962					
83 Isopropylbenzene	105		22.112					
* 107 4-Bromofluorobenzene	95	22.449	22.449	0.0	0	765556	10.0	
85 1,1,2,2-Tetrachloroethane	83		22.674					
86 N-Propylbenzene	91		22.749					
84 4-Ethyltoluene	105		22.915					
89 2-Chlorotoluene	91		22.947					
90 1,3,5-Trimethylbenzene	105		23.005					
92 tert-Butylbenzene	119		23.487					
93 1,2,4-Trimethylbenzene	105		23.578					
94 sec-Butylbenzene	105		23.813					
95 4-Isopropyltoluene	119		24.017					
96 1,3-Dichlorobenzene	146		24.086					
97 1,4-Dichlorobenzene	146		24.231					
98 Benzyl chloride	91		24.439					
100 n-Butylbenzene	91		24.659					
101 1,2-Dichlorobenzene	146		24.835					
103 1,2,4-Trichlorobenzene	180		27.735					
104 Hexachlorobutadiene	225		27.938					
105 Naphthalene	128		28.323					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------------	-------

110 BFB

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d

Injection Date: 05-Feb-2014 16:44:30

Instrument ID: CHW.i

Operator ID: PAD

Lims ID: 200-20780-A-8

Lab Sample ID: 200-20780-8

Worklist Smp#: 5

Client ID: 2523

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

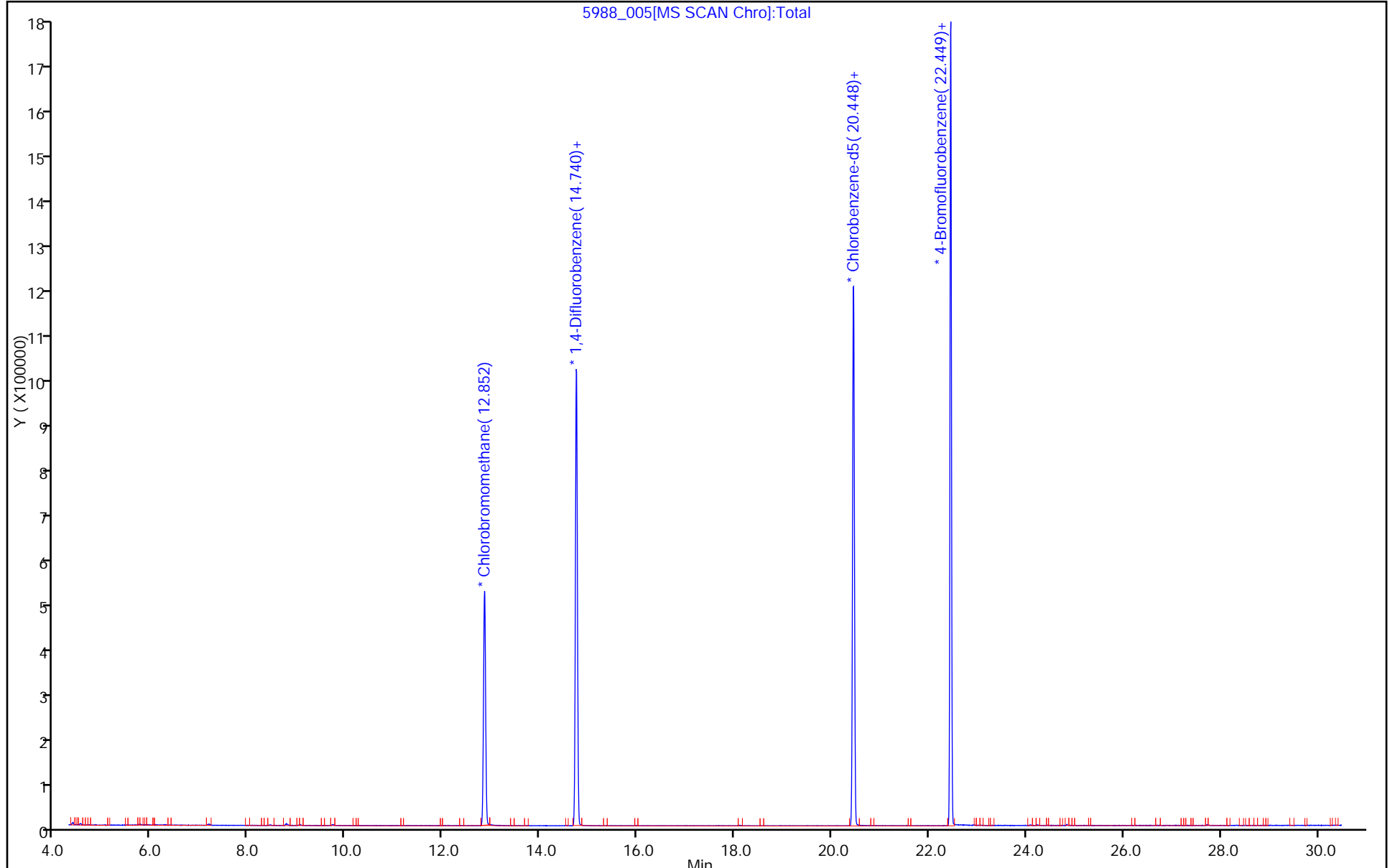
ALS Bottle#: 4

Method: TO15v5_W

Limit Group: AI_TO15_Limits

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



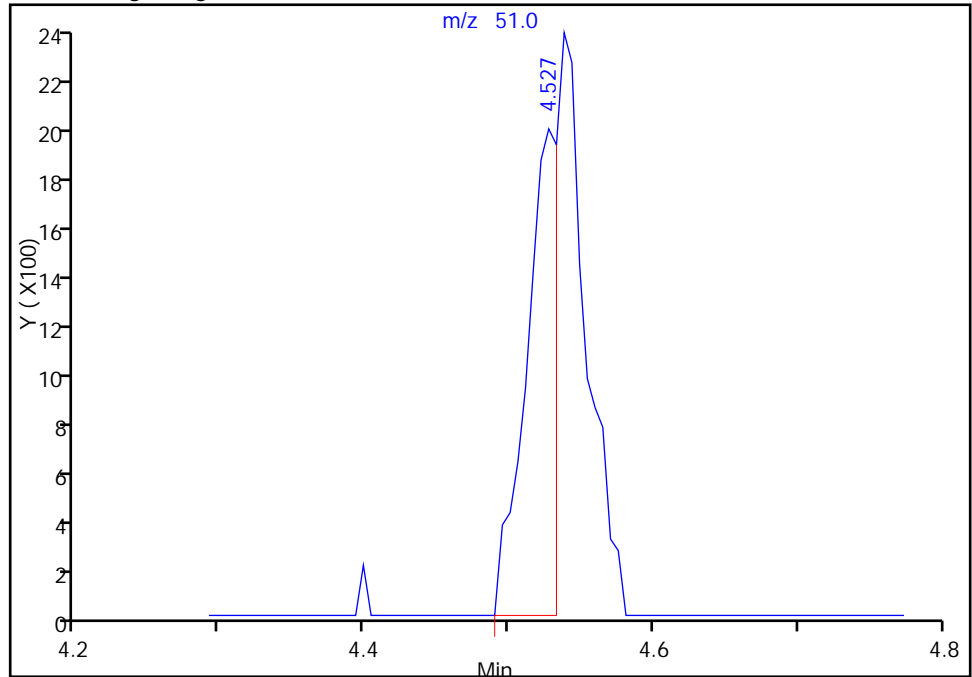
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
Injection Date: 05-Feb-2014 16:44:30 Instrument ID: CHW.i
Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
Client ID: 2523
Operator ID: PAD ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Chlorodifluoromethane, CAS: 75-45-6

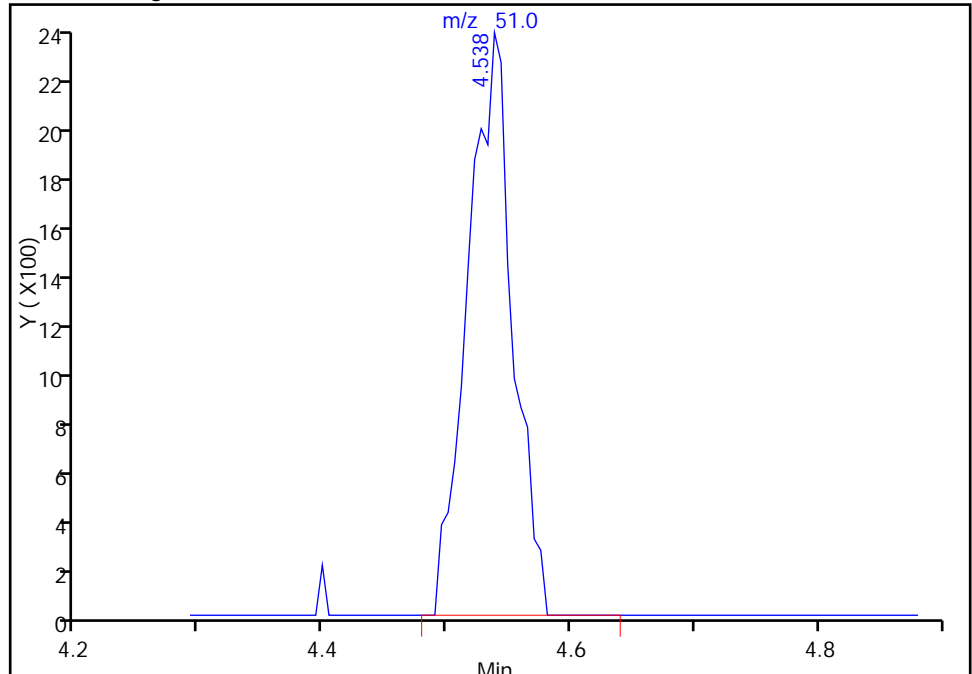
RT: 4.53
Response: 3060
Amount: 0.072226

Processing Integration Results



RT: 4.54
Response: 6023
Amount: 0.142162

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:21:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

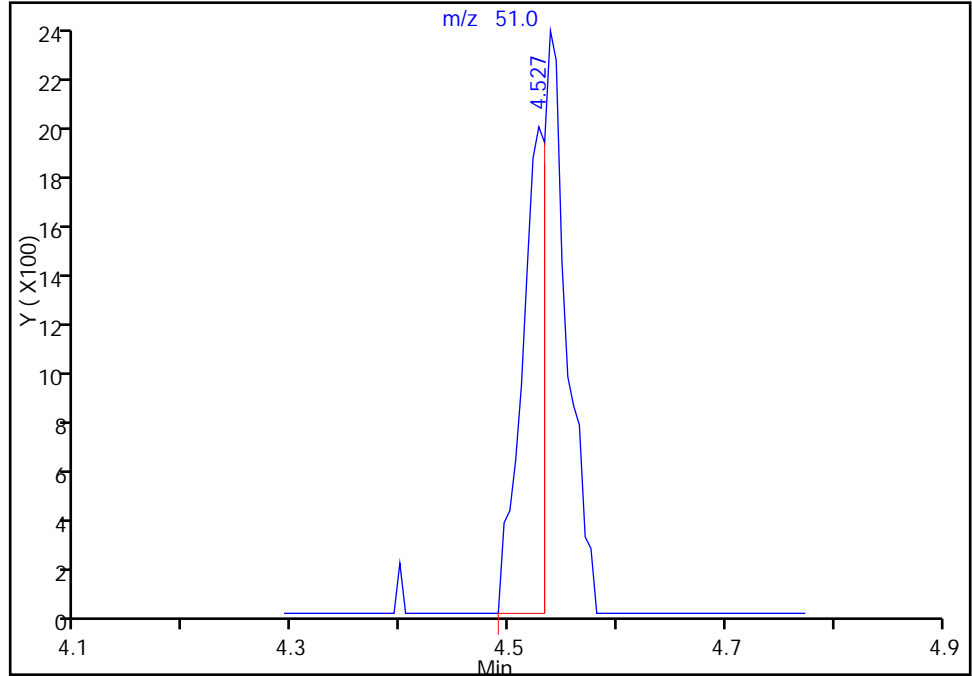
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
Injection Date: 05-Feb-2014 16:44:30 Instrument ID: CHW.i
Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
Client ID: 2523
Operator ID: PAD ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Chlorodifluoromethane, CAS: 75-45-6

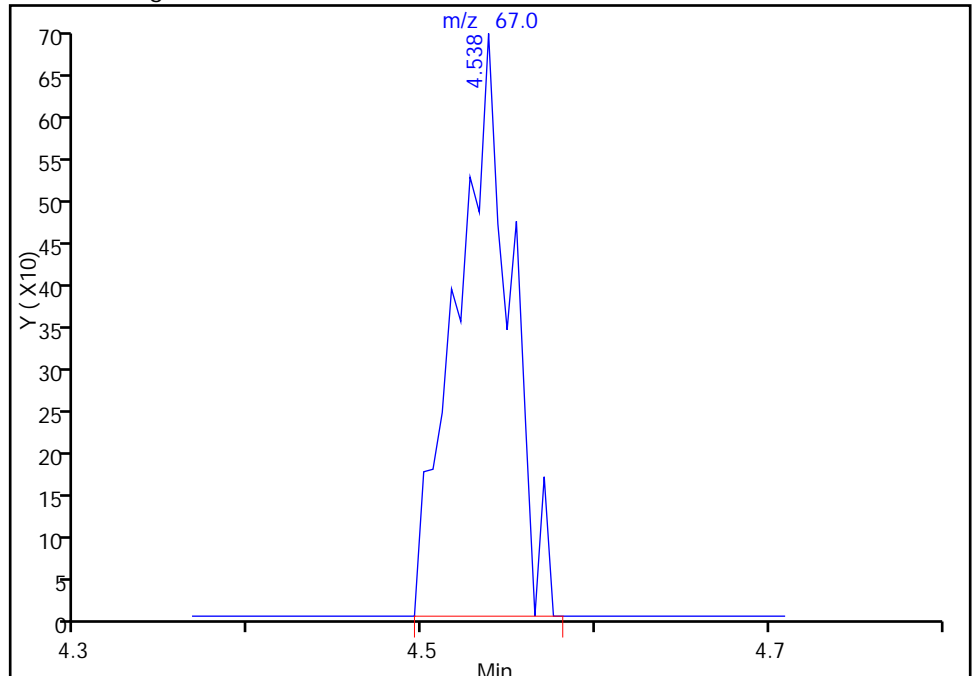
RT: 4.53
Response: 0
Amount: 0.072226

Processing Integration Results



RT: 4.54
Response: 1518
Amount: 0.142162

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:21:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

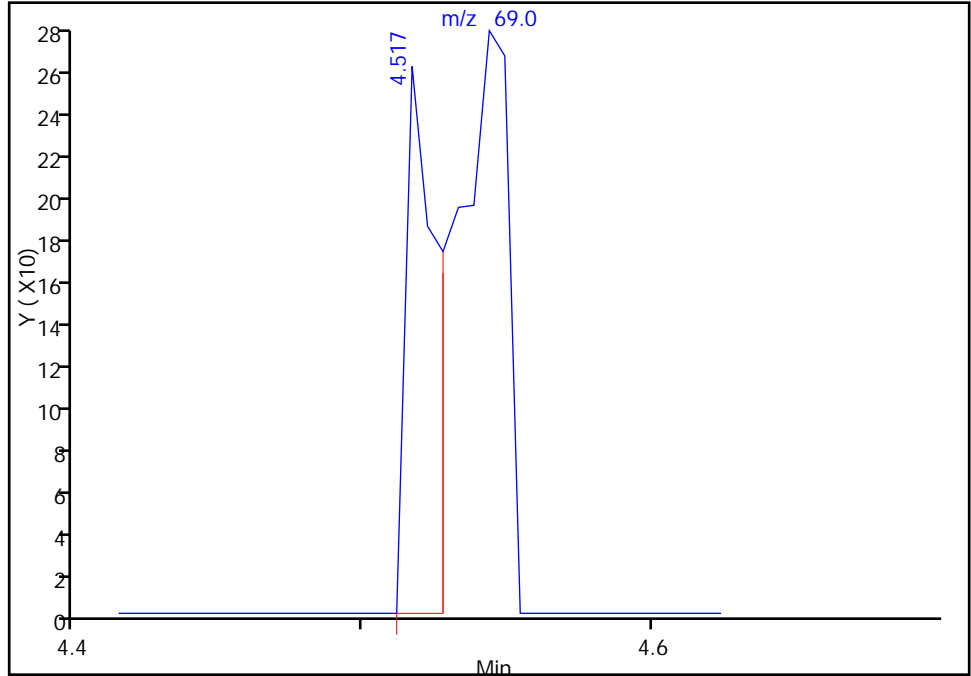
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHW.i\20140205-5988.b\5988_005.d
Injection Date: 05-Feb-2014 16:44:30 Instrument ID: CHW.i
Lims ID: 200-20780-A-8 Lab Sample ID: 200-20780-8
Client ID: 2523
Operator ID: PAD ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15v5_W Limit Group: AI_TO15_Limits
Column: RTX-624 (0.32 mm) Detector: MS SCAN

7 Chlorodifluoromethane, CAS: 75-45-6

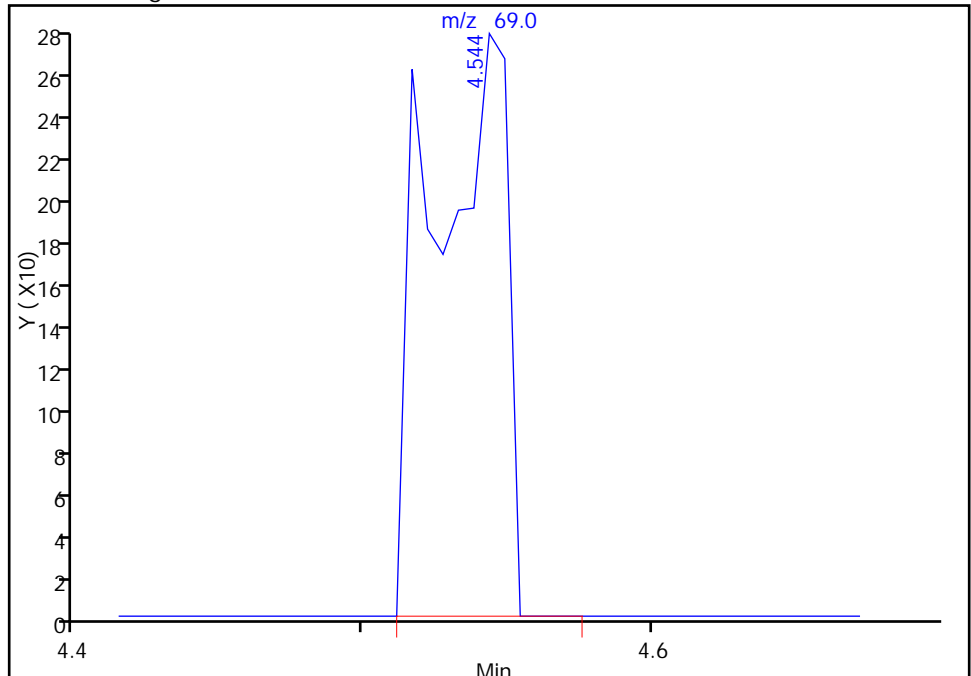
RT: 4.52
Response: 198
Amount: 0.072226

Processing Integration Results



RT: 4.54
Response: 496
Amount: 0.142162

Manual Integration Results



Reviewer: lyonsb, 06-Feb-2014 11:21:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	++++ 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	230038	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	954394	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	154438	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20735-1

Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12

Calibration End Date: 12/12/2013 23:57

Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20735-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	++++ 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	++++ 40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	230038	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	++++ 7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	954394	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	++++ 844028	7524 1626841	19418	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	154438	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	++++ 814414	6510 1533795	18896	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	++++ 737782	++++ 1027200	1839 1949133	24093	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	++++ 731013	5823 1345344	16193	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	++++ 7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20762-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	++++ 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	++++ 0.2540	0.1902	0.2276	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	230038	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	954394	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	154438	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20763-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	++++ 0.5718	++++ 0.5385	0.6481 0.5237	0.5011	0.5642	Ave		0.5579			9.2		30.0				
Dichlorodifluoromethane	++++ 4.0127	++++ 3.7871	4.0771 3.6104	3.5425	4.0272	Ave		3.8428			6.0		30.0				
Freon 22	++++ 1.5431	++++ 1.4802	1.5837 1.4422	1.3171	1.5358	Ave		1.4837			6.4		30.0				
1,2-Dichlorotetrafluoroethane	++++ 3.7079	3.6219 3.5041	3.8666 3.2874	3.2774	3.7402	Ave		3.5722			6.3		30.0				
Chloromethane	++++ 0.6827	++++ 0.6601	0.6793 0.6465	0.5944	0.6753	Ave		0.6564			5.1		30.0				
n-Butane	++++ 1.1407	++++ 1.1380	1.1873 1.0558	0.9660	1.1500	Ave		1.1063			7.3		30.0				
Vinyl chloride	0.7183 0.9248	0.8293 0.9388	0.8845 0.8637	0.7757	0.9228	Ave		0.8572			9.1		30.0				
1,3-Butadiene	++++ 0.5933	0.5458 0.6313	0.3447 0.5801	0.5135	0.6028	Ave		0.5445			18.0		30.0				
Bromomethane	++++ 0.9929	0.9302 0.9884	1.0175 0.9283	0.8407	0.9729	Ave		0.9530			6.2		30.0				
Chloroethane	++++ 0.5158	++++ 0.4856	0.2254 0.4927	0.4648	0.5416	Ave		0.4543			25.0		30.0				
Isopentane	++++ 0.9224	0.9278 0.8469	0.9465 0.8725	0.8069	0.9413	Ave		0.8949			6.0		30.0				
Bromoethene (Vinyl Bromide)	++++ 1.4182	1.2679 1.3063	1.2953 1.2964	1.2061	1.3949	Ave		1.3122			5.6		30.0				
Trichlorofluoromethane	++++ 4.3300	4.0385 4.0915	4.3114 3.9435	3.7548	4.3024	Ave		4.1103			5.3		30.0				
n-Pentane	++++ 1.4682	++++ 1.3906	1.4133 1.3331	1.2451	1.4433	Ave		1.3823			5.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethanol	++++ 0.3296	++++ 0.2850	0.2815 0.2667	0.2273	0.3103	Ave		0.2834			13.0		30.0				
Ethyl ether	++++ 0.8142	0.5778 0.7515	0.7218 0.7296	0.6797	0.7748	Ave		0.7213			11.0		30.0				
Acrolein	++++ 0.3653	++++ 0.3320	++++ 0.3209	0.3036	0.3556	Ave		0.3355			7.5		30.0				
Freon TF	++++ 2.7731	2.6341 2.5978	2.8528 2.4573	2.4543	2.7999	Ave		2.6528			6.1		30.0				
1,1-Dichloroethene	++++ 1.2963	1.1606 1.2262	1.2538 1.1810	1.1104	1.2811	Ave		1.2156			5.6		30.0				
Acetone	++++ 1.3839	++++ 1.3010	++++ 1.2390	1.2874	1.7579	Ave		1.3938			15.0		30.0				
Carbon disulfide	++++ 3.3188	++++ 3.1671	3.2853 3.0449	2.8640	3.3170	Ave		3.1662			5.8		30.0				
Isopropyl alcohol	++++ 1.0521	++++ 0.9581	++++ 0.9067	0.9342	1.0931	Ave		0.9889			8.1		30.0				
3-Chloropropene	++++ 0.9529	0.7130 0.9184	0.8157 0.9056	0.7955	0.9269	Ave		0.8611			10.0		30.0				
Acetonitrile	++++ 0.5046	++++ 0.4757	++++ 0.4623	0.4254	0.4808	Ave		0.4698			6.2		30.0				
Methylene Chloride	++++ 0.9162	++++ 0.8753	0.5943 0.8480	0.8205	0.8977	Ave		0.8253			14.0		30.0				
tert-Butyl alcohol	++++ 2.0611	++++ 1.8960	++++ 1.8468	1.7433	2.0981	Ave		1.9291			7.7		30.0				
Methyl tert-butyl ether	++++ 3.9933	3.1244 3.7957	1.6582 3.6202	3.2930	3.8456	Ave		3.3329			24.0		30.0				
trans-1,2-Dichloroethene	++++ 1.6369	1.4955 1.5692	1.5840 1.5196	1.4066	1.6293	Ave		1.5487			5.3		30.0				
Acrylonitrile	++++ 0.6476	++++ 0.6167	0.2815 0.6045	0.5419	0.6223	Ave		0.5524			25.0		30.0				
n-Hexane	++++ 1.5715	1.2940 1.5142	1.5414 1.4327	1.3633	1.5581	Ave		1.4679			7.3		30.0				
1,1-Dichloroethane	1.6827 1.9752	1.8489 1.9098	1.9653 1.8207	1.7438	1.9724	Ave		1.8649			5.9		30.0				
Vinyl acetate	++++ 2.1238	++++ 2.0408	++++ 1.9701	1.7563	2.0402	Ave		1.9863			7.0		30.0				
cis-1,2-Dichloroethene	++++ 1.4039	1.1574 1.3591	1.3209 1.2567	1.2146	1.4091	Ave		1.3031			7.4		30.0				
Methyl Ethyl Ketone	++++ 0.5831	++++ 0.5510	0.6045 0.5032	0.5151	0.5889	Ave		0.5576			7.5		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Ethyl acetate	++++ 0.1261	++++ 0.1201	++++ 0.1116	0.1120	0.1236	Ave		0.1187			5.6		30.0				
Tetrahydrofuran	++++ 0.1799	++++ 0.1727	++++ 0.1599	0.1542	0.1780	Ave		0.1689			6.7		30.0				
Chloroform	++++ 2.9887	2.7116 2.8775	2.9070 2.7346	2.5775	2.9457	Ave		2.8204			5.3		30.0				
Cyclohexane	++++ 0.3677	0.3032 0.3534	0.3443 0.3168	0.3299	0.3691	Ave		0.3406			7.4		30.0				
1,1,1-Trichloroethane	++++ 0.7235	0.6099 0.7028	0.7024 0.6493	0.6292	0.7194	Ave		0.6766			6.8		30.0				
Carbon tetrachloride	0.6139 0.7908	0.6511 0.7634	0.7337 0.7159	0.6803	0.7799	Ave		0.7161			8.9		30.0				
2,2,4-Trimethylpentane	++++ 1.0048	0.7733 0.9658	0.9058 0.8720	0.8786	0.9920	Ave		0.9132			8.9		30.0				
Benzene	++++ 0.7787	0.7042 0.7493	0.7961 0.6858	0.6967	0.7771	Ave		0.7411			6.1		30.0				
1,2-Dichloroethane	++++ 0.3981	0.3284 0.3848	0.3664 0.3690	0.3391	0.3873	Ave		0.3676			7.0		30.0				
n-Heptane	++++ 0.3103	0.2608 0.2965	0.2792 0.2704	0.2688	0.3038	Ave		0.2843			6.8		30.0				
n-Butanol	++++ 0.0991	++++ 0.0901	++++ 0.0972	0.0816	0.0982	Ave		0.0932			7.9		30.0				
Trichloroethene	0.3547 0.4107	0.3613 0.3932	0.3894 0.3643	0.3620	0.4070	Ave		0.3803			5.9		30.0				
1,2-Dichloropropane	++++ 0.2391	0.2000 0.2287	0.2206 0.2118	0.2080	0.2353	Ave		0.2205			6.6		30.0				
Methyl methacrylate	++++ 0.2758	++++ 0.2658	0.1902 0.2540	0.2276	0.2684	Ave		0.2470			13.0		30.0				
1,4-Dioxane	++++ 0.1316	++++ 0.1144	++++ 0.1080	0.1186	0.1368	Ave		0.1219			9.8		30.0				
Dibromomethane	++++ 0.4581	0.3965 0.4326	0.4416 0.3949	0.4105	0.4554	Ave		0.4271			6.2		30.0				
Bromodichloromethane	++++ 0.6786	0.4998 0.6491	0.5790 0.6097	0.5733	0.6554	Ave		0.6064			10.0		30.0				
cis-1,3-Dichloropropene	++++ 0.4533	0.2725 0.4369	0.3344 0.4179	0.3679	0.4282	Ave		0.3873			17.0		30.0				
methyl isobutyl ketone	++++ 0.4086	0.2376 0.3849	0.2963 0.3680	0.3381	0.4012	Ave		0.3478			18.0		30.0				
n-Octane	++++ 0.4003	0.2883 0.3748	0.3708 0.3322	0.3693	0.4039	Ave		0.3628			11.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Toluene	++++ 0.6821	0.6506 0.6332	0.7231 0.5633	0.6455	0.6786	Ave		0.6538			7.6		30.0				
trans-1,3-Dichloropropene	++++ 0.5024	0.2947 0.4781	0.3569 0.4683	0.4023	0.4751	Ave		0.4254			18.0		30.0				
1,1,2-Trichloroethane	++++ 0.3259	0.2529 0.3077	0.2995 0.2854	0.2861	0.3176	Ave		0.2964			8.2		30.0				
Tetrachloroethene	0.7920 0.8043	0.7107 0.7517	0.8045 0.6710	0.7319	0.7988	Ave		0.7581			6.6		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.4091	++++ 0.3938	0.2329 0.3894	0.3214	0.3965	Ave		0.3572			19.0		30.0				
Dibromochloromethane	++++ 0.8885	0.6111 0.8410	0.7075 0.7812	0.7548	0.8739	Ave		0.7797			13.0		30.0				
1,2-Dibromoethane	++++ 0.6951	0.5209 0.6601	0.5965 0.6178	0.5896	0.6748	Ave		0.6221			9.6		30.0				
Chlorobenzene	++++ 1.0500	1.0179 0.9866	1.0602 0.9115	0.9373	1.0422	Ave		1.0008			5.8		30.0				
Ethylbenzene	++++ 1.6261	1.3137 1.5326	1.5311 1.3970	1.4466	1.6153	Ave		1.4946			7.7		30.0				
n-Nonane	++++ 0.5378	0.4015 0.5077	0.5064 0.4566	0.4886	0.5421	Ave		0.4915			10.0		30.0				
m,p-Xylene	++++ 0.6266	0.5340 0.5827	0.6358 0.5275	0.5793	0.6315	Ave		0.5882			7.7		30.0				
Xylene, o-	++++ 0.6382	0.5077 0.5950	0.5602 0.5416	0.5745	0.6461	Ave		0.5805			8.6		30.0				
Styrene	++++ 0.9731	0.5870 0.9224	0.7597 0.8530	0.8441	0.9741	Ave		0.8448			16.0		30.0				
Bromoform	++++ 0.8919	0.5369 0.8411	0.6649 0.7660	0.7618	0.8827	Ave		0.7636			17.0		30.0				
Cumene	++++ 1.9859	1.5060 1.8594	1.8198 1.6629	1.7871	1.9826	Ave		1.8005			9.5		30.0				
1,1,2,2-Tetrachloroethane	++++ 0.8322	0.7302 0.7774	0.7998 0.7020	0.7563	0.8514	Ave		0.7785			6.9		30.0				
n-Propylbenzene	++++ 2.1980	1.6943 2.0296	2.0196 1.7717	1.9786	2.2451	Ave		1.9910			10.0		30.0				
1,2,3-Trichloropropane	++++ 0.6496	++++ 0.6103	0.6600 0.5568	0.5812	0.6618	Ave		0.6200			7.1		30.0				
n-Decane	++++ 0.7229	++++ 0.6694	0.6407 0.5839	0.6383	0.7418	Ave		0.6662			8.8		30.0				
4-Ethyltoluene	++++ 2.0442	1.5885 1.8941	1.9315 1.6601	1.8352	2.0833	Ave		1.8624			9.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2-Chlorotoluene	++++ 1.6750	1.4841 1.5583	1.6449 1.3976	1.4965	1.7026	Ave		1.5656			7.2		30.0				
1,3,5-Trimethylbenzene	++++ 1.8416	1.5650 1.7093	1.7970 1.5197	1.6518	1.8635	Ave		1.7068			7.9		30.0				
Alpha Methyl Styrene	++++ 0.9173	0.4362 0.8590	0.5425 0.7883	0.7448	0.9151	Ave		0.7433			25.0		30.0				
tert-Butylbenzene	++++ 1.7959	1.6256 1.6547	1.8695 1.4614	1.6792	1.8383	Ave		1.7035			8.4		30.0				
1,2,4-Trimethylbenzene	++++ 1.8234	1.3752 1.6847	1.6759 1.5115	1.6080	1.8398	Ave		1.6455			10.0		30.0				
sec-Butylbenzene	++++ 2.4663	2.1147 2.2642	2.4574 1.9683	2.2991	2.5196	Ave		2.2985			8.8		30.0				
4-Isopropyltoluene	++++ 2.2346	1.7060 2.0616	2.1023 1.8121	2.0420	2.2735	Ave		2.0332			10.0		30.0				
1,3-Dichlorobenzene	++++ 1.2482	0.9539 1.1704	1.0523 1.0654	1.0279	1.2481	Ave		1.1095			10.0		30.0				
1,4-Dichlorobenzene	++++ 1.2249	0.8651 1.1573	0.9451 1.0617	0.9710	1.2075	Ave		1.0618			13.0		30.0				
Benzyl chloride	++++ 1.1914	0.4315 1.1747	0.4808 1.1702	0.7945	1.0978	Ave		0.9058			37.0	*	30.0				
n-Undecane	++++ 0.7434	++++ 0.6743	++++ 0.5804	0.6006	0.7659	Ave		0.6729			12.0		30.0				
n-Butylbenzene	++++ 1.6199	1.1640 1.5022	1.4013 1.3354	1.4095	1.6495	Ave		1.4403			12.0		30.0				
1,2-Dichlorobenzene	++++ 1.2186	0.9727 1.1329	1.0090 1.0366	1.0144	1.2132	Ave		1.0853			9.4		30.0				
n-Dodecane	++++ 0.5950	++++ 0.5250	++++ 0.5037	0.3032	0.5640	Ave		0.4982			23.0		30.0				
1,2,4-Trichlorobenzene	++++ 0.7080	++++ 0.6290	0.3613 0.6751	0.3752	0.6525	Ave		0.5669			28.0		30.0				
Hexachlorobutadiene	++++ 0.9320	0.8408 0.8418	0.9076 0.7408	0.8045	0.9536	Ave		0.8601			8.8		30.0				
Naphthalene	++++ 1.4346	++++ 1.1163	0.5210 1.3723	0.5605	1.3296	Ave		1.0557			39.0	*	30.0				
1,2,3-Trichlorobenzene	++++ 0.6588	0.4727 0.5675	0.3635 0.6210	0.3656	0.6329	Ave		0.5260			24.0		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-65929/4	wak004.d
Level 2	IC 200-65929/5	wak005.d
Level 3	IC 200-65929/6	wak006.d
Level 4	IC 200-65929/7	wak007.d
Level 5	ICIS 200-65929/8	wak008.d
Level 6	IC 200-65929/9	wak009.d
Level 7	IC 200-65929/10	wak010.d
Level 8	IC 200-65929/11	wak011.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Propylene	BCM	Ave	++++ 213568	++++ 289638	7945 560656	68655	140010	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1498852	++++ 2036941	49981 3865186	485352	999456	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 576407	++++ 796162	19415 1544006	180454	381162	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1384998	18222 1884732	47401 3519414	449033	928242	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 255025	++++ 355046	8328 692163	81439	167606	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 426076	++++ 612083	14555 1130276	132351	285413	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	785 345433	4172 504923	10843 924618	106280	229012	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	++++ 221609	2746 339558	4226 621026	70353	149610	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 370868	4680 531610	12473 993761	115181	241442	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 192683	++++ 261212	2763 527430	63675	134403	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 344527	4668 455537	11603 934027	110550	233611	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 529735	6379 702612	15879 1387891	165241	346182	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1617376	20318 2200642	52854 4221765	514440	1067747	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 548423	++++ 747926	17326 1427199	170593	358200	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 164496	++++ 306624	34548 713715	62334	115578	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)					
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	
Ethyl ether	BCM	Ave	++++ 304114	2907 404196	8848 781053	93118	192282	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrolein	BCM	Ave	++++ 136437	++++ 178554	++++ 343495	41599	88241	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Freon TF	BCM	Ave	++++ 1035821	13252 1397265	34973 2630721	336259	694880	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethene	BCM	Ave	++++ 484212	5839 659534	15370 1264367	152129	317945	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acetone	BCM	Ave	++++ 516939	++++ 699772	++++ 1326389	176381	436259	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Carbon disulfide	BCM	Ave	++++ 1239670	++++ 1703476	40275 3259822	392390	823193	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Isopropyl alcohol	BCM	Ave	++++ 392981	++++ 515348	++++ 970703	127995	271288	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
3-Chloropropene	BCM	Ave	++++ 355925	++++ 493946	3587 969536	10000	108983	230038	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 188475	++++ 255856	++++ 494906	58288	119328	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methylene Chloride	BCM	Ave	++++ 342226	++++ 470784	7285 907794	112408	222792	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
tert-Butyl alcohol	BCM	Ave	++++ 769883	++++ 1019788	++++ 1977171	238846	520688	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Methyl tert-butyl ether	BCM	Ave	++++ 1491587	++++ 2041570	15719 3875641	20328	451169	954394	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	++++ 611440	7524 844028	19418 1626841	192709	404364	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Acrylonitrile	BCM	Ave	++++ 241893	++++ 331675	++++ 647138	3451	74241	154438	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 586998	6510 814414	18896 1533795	186775	386694	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
1,1-Dichloroethane	BCM	Ave	1839 737782	9302 1027200	24093 1949133	238918	489508	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Vinyl acetate	BCM	Ave	++++ 793302	++++ 1097665	++++ 2109173	240625	506331	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
cis-1,2-Dichloroethene	BCM	Ave	++++ 524392	5823 731013	16193 1345344	166414	349712	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00	
Methyl Ethyl Ketone	BCM	Ave	++++ 217816	++++ 296370	7410 538711	70567	146155	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00	
Ethyl acetate	BCM	Ave	++++ 47096	++++ 64609	++++ 119476	15342	30677	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	
Tetrahydrofuran	DFB	Ave	++++ 329205	++++ 451139	++++ 852155	101249	214828	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00	

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	++++ 1116352	13642 1547678	35637 2927600	353138	731043	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFB	Ave	++++ 673028	7515 923175	20413 1688008	216636	445466	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFB	Ave	++++ 1324300	15118 1835675	41648 3459556	413102	868137	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFB	Ave	3273 1447512	16139 1993842	43501 3814449	446706	941186	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFB	Ave	++++ 1839233	19168 2522729	53707 4646331	576881	1197101	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFB	Ave	++++ 1425296	17456 1957216	47199 3654247	457446	937791	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFB	Ave	++++ 728704	8141 1005157	21725 1966384	222650	467406	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFB	Ave	++++ 568000	6465 774565	16555 1440616	176521	366662	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFB	Ave	++++ 181355	++++ 235433	++++ 517699	53587	118539	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFB	Ave	1891 751793	8957 1026975	23087 1941309	237693	491220	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFB	Ave	++++ 437616	4958 597332	13080 1128560	136596	284011	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFB	Ave	++++ 504843	++++ 694248	11279 1353223	149417	323850	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFB	Ave	++++ 240826	++++ 298849	++++ 575243	77888	165035	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dibromomethane	DFB	Ave	++++ 838472	9828 1129943	26185 2104377	269564	549573	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFB	Ave	++++ 1242171	12388 1695508	34332 3248918	376429	790894	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFB	Ave	++++ 829761	6754 1141045	19828 2226486	241583	516718	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFB	Ave	++++ 747823	5889 1005345	17569 1960750	222015	484157	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFB	Ave	++++ 732734	7146 978872	21985 1769899	242475	487448	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Toluene	CBZ	Ave	++++ 1121753	13704 1485517	37247 2730529	374209	734178	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFB	Ave	++++ 919654	7304 1248842	21161 2495427	264182	573361	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBZ	Ave	++++ 536001	5327 721781	15426 1383319	165867	343630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-20780-1 Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12 Calibration End Date: 12/12/2013 23:57 Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Tetrachloroethene	CBZ	Ave	3547 1322635	14970 1763608	41440 3252617	424268	864187	0.0401 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 672845	++++ 923848	++++ 11998 1887589	186308	428991	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBZ	Ave	++++ 1461120	12873 1972982	36443 3787104	437541	945498	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBZ	Ave	++++ 1143093	10973 1548606	30725 2994648	341782	730003	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBZ	Ave	++++ 1726735	21441 2314513	54606 4418570	543348	1127504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBZ	Ave	++++ 2674126	27672 3595593	78861 6771998	838534	1747508	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Nonane	CBZ	Ave	++++ 884417	8458 1191189	26081 2213408	283218	586515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBZ	Ave	++++ 2060996	22497 2733985	65501 5114351	671615	1366350	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBZ	Ave	++++ 1049575	10695 1395981	28855 2625249	333005	699008	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBZ	Ave	++++ 1600269	12364 2163997	39130 4134957	489313	1053878	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBZ	Ave	++++ 1466678	11309 1973332	34246 3713054	441577	954966	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBZ	Ave	++++ 3265858	31723 4362179	93735 8060942	1035939	2144883	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBZ	Ave	++++ 1368578	15382 1823711	41194 3402773	438385	921128	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBZ	Ave	++++ 3614694	35689 4761465	104027 8588250	1146976	2428875	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBZ	Ave	++++ 1068251	++++ 1431836	33997 2699054	336924	716032	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Decane	CBZ	Ave	++++ 1188859	++++ 1570417	33003 2830746	370035	802571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBZ	Ave	++++ 3361751	33462 4443607	99489 8047332	1063848	2253825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBZ	Ave	++++ 2754570	31263 3655890	84726 6775236	867515	1842004	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBZ	Ave	++++ 3028455	32967 4010127	92557 7366666	957486	2016034	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBZ	Ave	++++ 1508516	9188 2015326	27942 3821590	431720	989971	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBZ	Ave	++++ 2953424	34243 3882088	96292 7084357	973406	1988792	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington

Job No.: 200-20780-1

Analy Batch No.: 65929

SDG No.: _____

Instrument ID: CHW.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 12/12/2013 18:12

Calibration End Date: 12/12/2013 23:57

Calibration ID: 24715

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	++++ 2998517	28967 3952293	86321 7327196	932117	1990462	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBZ	Ave	++++ 4055790	44546 5312031	126577 9541306	1332745	2725866	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBZ	Ave	++++ 3674867	35937 4836510	108282 8784165	1183705	2459661	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBZ	Ave	++++ 2052740	20094 2745844	54201 5164611	595827	1350281	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBZ	Ave	++++ 2014386	18222 2715131	48678 5146856	562877	1306309	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBZ	Ave	++++ 1959220	9089 2755877	24766 5672825	460575	1187690	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBZ	Ave	++++ 1222569	++++ 1581850	++++ 2813425	348175	828564	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
n-Butylbenzene	CBZ	Ave	++++ 2663939	24520 3524244	72178 6473695	817045	1784515	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBZ	Ave	++++ 2004035	20489 2657751	51971 5024963	588045	1312502	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Dodecane	CBZ	Ave	++++ 978405	++++ 1231634	++++ 2441545	175760	610188	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1164315	++++ 1475667	18612 3272796	217472	705913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBZ	Ave	++++ 1532640	17711 1974819	46747 3591316	466367	1031628	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBZ	Ave	++++ 2359180	++++ 2618860	26834 6652457	324882	1438505	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichlorobenzene	CBZ	Ave	++++ 1083365	9957 1331446	18721 3010175	211935	684727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20762-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20763-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.5994		10.7	10.0	7.4	30.0
Dichlorodifluoromethane	Ave	3.843	4.262		11.1	10.0	10.9	30.0
Freon 22	Ave	1.484	1.643		11.1	10.0	10.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	3.941		11.0	10.0	10.3	30.0
Chloromethane	Ave	0.6564	0.7291		11.1	10.0	11.1	30.0
n-Butane	Ave	1.106	1.173		10.6	10.0	6.1	30.0
Vinyl chloride	Ave	0.8572	0.9515		11.1	10.0	11.0	30.0
1,3-Butadiene	Ave	0.5445	0.6454		11.9	10.0	18.5	30.0
Bromomethane	Ave	0.9530	1.010		10.6	10.0	6.0	30.0
Chloroethane	Ave	0.4543	0.5477		12.1	10.0	20.6	30.0
Isopentane	Ave	0.8949	0.9897		11.1	10.0	10.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.493		11.4	10.0	13.8	30.0
Trichlorofluoromethane	Ave	4.110	4.555		11.1	10.0	10.8	30.0
n-Pentane	Ave	1.382	1.515		11.0	10.0	9.6	30.0
Ethanol	Ave	0.2834	0.3220		17.0	15.0	13.6	30.0
Ethyl ether	Ave	0.7213	0.7945		11.0	10.0	10.1	30.0
Acrolein	Ave	0.3355	0.3233		9.64	10.0	-3.6	30.0
Freon TF	Ave	2.653	3.208		12.1	10.0	20.9	30.0
1,1-Dichloroethene	Ave	1.216	1.513		12.4	10.0	24.5	30.0
Acetone	Ave	1.394	1.525		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	3.166	3.611		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.089		11.0	10.0	10.2	30.0
3-Chloropropene	Ave	0.8611	1.023		11.9	10.0	18.9	30.0
Acetonitrile	Ave	0.4698	0.5076		10.8	10.0	8.1	30.0
Methylene Chloride	Ave	0.8253	1.044		12.6	10.0	26.5	30.0
tert-Butyl alcohol	Ave	1.929	2.078		10.8	10.0	7.7	30.0
Methyl tert-butyl ether	Ave	3.333	4.187		12.6	10.0	25.6	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.758		11.3	10.0	13.5	30.0
Acrylonitrile	Ave	0.5524	0.6698		12.1	10.0	21.3	30.0
n-Hexane	Ave	1.468	1.696		11.6	10.0	15.5	30.0
1,1-Dichloroethane	Ave	1.865	2.130		11.4	10.0	14.2	30.0
Vinyl acetate	Ave	1.986	2.177		11.0	10.0	9.6	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.527		11.7	10.0	17.2	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6144		11.0	10.0	10.2	30.0
Ethyl acetate	Ave	0.1187	0.1295		10.9	10.0	9.1	30.0
Tetrahydrofuran	Ave	0.1689	0.1907		11.3	10.0	12.9	30.0
Chloroform	Ave	2.820	3.124		11.1	10.0	10.8	30.0
Cyclohexane	Ave	0.3406	0.4008		11.8	10.0	17.6	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8095		12.0	10.0	19.6	30.0
Carbon tetrachloride	Ave	0.7161	0.8253		11.5	10.0	15.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.095		12.0	10.0	20.0	30.0
Benzene	Ave	0.7411	0.8408		11.3	10.0	13.4	30.0
1,2-Dichloroethane	Ave	0.3676	0.4232		11.5	10.0	15.1	30.0
n-Heptane	Ave	0.2843	0.3335		11.7	10.0	17.3	30.0
n-Butanol	Ave	0.0932	0.0939		10.1	10.0	0.7	30.0
Trichloroethene	Ave	0.3803	0.4322		11.4	10.0	13.6	30.0
1,2-Dichloropropane	Ave	0.2205	0.2488		11.3	10.0	12.8	30.0
Methyl methacrylate	Ave	0.2470	0.2844		11.5	10.0	15.2	30.0
1,4-Dioxane	Ave	0.1219	0.1249		10.2	10.0	2.5	30.0
Dibromomethane	Ave	0.4271	0.4797		11.2	10.0	12.3	30.0
Bromodichloromethane	Ave	0.6064	0.7269		12.0	10.0	19.9	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4579		11.8	10.0	18.2	30.0
methyl isobutyl ketone	Ave	0.3478	0.4278		12.3	10.0	23.0	30.0
n-Octane	Ave	0.3628	0.4369		12.0	10.0	20.4	30.0
Toluene	Ave	0.6538	0.6977		10.7	10.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5042		11.8	10.0	18.5	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3084		10.4	10.0	4.0	30.0
Tetrachloroethene	Ave	0.7581	0.7970		10.5	10.0	5.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.3924		11.0	10.0	9.9	30.0
Dibromochloromethane	Ave	0.7797	0.9039		11.6	10.0	15.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.6723		10.8	10.0	8.1	30.0
Chlorobenzene	Ave	1.001	1.033		10.3	10.0	3.2	30.0
Ethylbenzene	Ave	1.495	1.632		10.9	10.0	9.2	30.0
n-Nonane	Ave	0.4915	0.5572		11.3	10.0	13.4	30.0
m,p-Xylene	Ave	0.5882	0.6332		21.5	20.0	7.7	30.0
Xylene, o-	Ave	0.5805	0.6344		10.9	10.0	9.3	30.0
Styrene	Ave	0.8448	0.9694		11.5	10.0	14.8	30.0
Bromoform	Ave	0.7636	0.8991		11.8	10.0	17.7	30.0
Cumene	Ave	1.801	2.022		11.2	10.0	12.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.8065		10.4	10.0	3.6	30.0
n-Propylbenzene	Ave	1.991	2.263		11.4	10.0	13.7	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.6618		10.7	10.0	6.7	30.0
n-Decane	Ave	0.6662	0.7412		11.1	10.0	11.3	30.0
4-Ethyltoluene	Ave	1.862	2.134		11.5	10.0	14.6	30.0
2-Chlorotoluene	Ave	1.566	1.727		11.0	10.0	10.3	30.0
1,3,5-Trimethylbenzene	Ave	1.707	1.838		10.8	10.0	7.7	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9000		12.1	10.0	21.1	30.0
tert-Butylbenzene	Ave	1.704	1.855		10.9	10.0	8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.645	1.781		10.8	10.0	8.2	30.0
sec-Butylbenzene	Ave	2.299	2.536		11.0	10.0	10.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: ICV 200-65929/14 Calibration Date: 12/13/2013 02:26
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: wak014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.294		11.3	10.0	12.8	30.0
1,3-Dichlorobenzene	Ave	1.109	1.186		10.7	10.0	6.9	30.0
1,4-Dichlorobenzene	Ave	1.062	1.148		10.8	10.0	8.1	30.0
Benzyl chloride	Ave	0.9058	1.055		11.6	10.0	16.4	30.0
n-Undecane	Ave	0.6729	0.7738		11.5	10.0	15.0	30.0
n-Butylbenzene	Ave	1.440	1.646		11.4	10.0	14.3	30.0
1,2-Dichlorobenzene	Ave	1.085	1.129		10.4	10.0	4.1	30.0
n-Dodecane	Ave	0.4982	0.5718		11.5	10.0	14.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6117		10.8	10.0	7.9	30.0
Hexachlorobutadiene	Ave	0.8601	0.9242		10.7	10.0	7.4	30.0
Naphthalene	Ave	1.056	1.362		12.9	10.0	29.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6460		12.3	10.0	22.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5579	0.6141		11.0	10.0	10.1	30.0
Dichlorodifluoromethane	Ave	3.843	4.499		11.7	10.0	17.1	30.0
Freon 22	Ave	1.484	1.695		11.4	10.0	14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.572	4.028		11.3	10.0	12.8	30.0
Chloromethane	Ave	0.6564	0.7330		11.2	10.0	11.7	30.0
n-Butane	Ave	1.106	1.241		11.2	10.0	12.2	30.0
Vinyl chloride	Ave	0.8572	0.996		11.6	10.0	16.2	30.0
1,3-Butadiene	Ave	0.5445	0.6435		11.8	10.0	18.2	30.0
Bromomethane	Ave	0.9530	1.018		10.7	10.0	6.8	30.0
Chloroethane	Ave	0.4543	0.5498		12.1	10.0	21.0	30.0
Isopentane	Ave	0.8949	0.9837		11.0	10.0	9.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.312	1.494		11.4	10.0	13.9	30.0
Trichlorofluoromethane	Ave	4.110	4.888		11.9	10.0	18.9	30.0
n-Pentane	Ave	1.382	1.552		11.2	10.0	12.3	30.0
Ethanol	Ave	0.2834	0.3311		17.5	15.0	16.8	30.0
Ethyl ether	Ave	0.7213	0.8131		11.3	10.0	12.7	30.0
Acrolein	Ave	0.3355	0.3583		10.7	10.0	6.8	30.0
Freon TF	Ave	2.653	3.072		11.6	10.0	15.8	30.0
1,1-Dichloroethene	Ave	1.216	1.382		11.4	10.0	13.7	30.0
Acetone	Ave	1.394	2.068		14.8	10.0	48.3*	30.0
Carbon disulfide	Ave	3.166	3.614		11.4	10.0	14.1	30.0
Isopropyl alcohol	Ave	0.9889	1.058		10.7	10.0	6.9	30.0
3-Chloropropene	Ave	0.8611	0.996		11.6	10.0	15.7	30.0
Acetonitrile	Ave	0.4698	0.5141		10.9	10.0	9.4	30.0
Methylene Chloride	Ave	0.8253	0.9911		12.0	10.0	20.1	30.0
tert-Butyl alcohol	Ave	1.929	2.038		10.6	10.0	5.7	30.0
Methyl tert-butyl ether	Ave	3.333	3.974		11.9	10.0	19.2	30.0
trans-1,2-Dichloroethene	Ave	1.549	1.772		11.4	10.0	14.4	30.0
Acrylonitrile	Ave	0.5524	0.6559		11.9	10.0	18.7	30.0
n-Hexane	Ave	1.468	1.641		11.2	10.0	11.8	30.0
1,1-Dichloroethane	Ave	1.865	2.102		11.3	10.0	12.7	30.0
Vinyl acetate	Ave	1.986	2.154		10.8	10.0	8.5	30.0
cis-1,2-Dichloroethene	Ave	1.303	1.494		11.5	10.0	14.6	30.0
Methyl Ethyl Ketone	Ave	0.5576	0.6539		11.7	10.0	17.3	30.0
Ethyl acetate	Ave	0.1187	0.1315		11.1	10.0	10.8	30.0
Tetrahydrofuran	Ave	0.1689	0.1945		11.5	10.0	15.1	30.0
Chloroform	Ave	2.820	3.258		11.5	10.0	15.5	30.0
Cyclohexane	Ave	0.3406	0.3978		11.7	10.0	16.8	30.0
1,1,1-Trichloroethane	Ave	0.6766	0.8371		12.4	10.0	23.7	30.0
Carbon tetrachloride	Ave	0.7161	0.9196		12.8	10.0	28.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9132	1.084		11.9	10.0	18.7	30.0
Benzene	Ave	0.7411	0.8715		11.8	10.0	17.6	30.0
1,2-Dichloroethane	Ave	0.3676	0.4393		11.9	10.0	19.5	30.0
n-Heptane	Ave	0.2843	0.3432		12.1	10.0	20.7	30.0
n-Butanol	Ave	0.0932	0.0964		10.3	10.0	3.4	30.0
Trichloroethene	Ave	0.3803	0.4652		12.2	10.0	22.3	30.0
1,2-Dichloropropane	Ave	0.2205	0.2637		12.0	10.0	19.6	30.0
Methyl methacrylate	Ave	0.2470	0.2965		12.0	10.0	20.0	30.0
1,4-Dioxane	Ave	0.1219	0.1411		11.6	10.0	15.7	30.0
Dibromomethane	Ave	0.4271	0.5380		12.6	10.0	26.0	30.0
Bromodichloromethane	Ave	0.6064	0.7663		12.6	10.0	26.4	30.0
cis-1,3-Dichloropropene	Ave	0.3873	0.4837		12.5	10.0	24.9	30.0
methyl isobutyl ketone	Ave	0.3478	0.4499		12.9	10.0	29.4	30.0
n-Octane	Ave	0.3628	0.4611		12.7	10.0	27.1	30.0
Toluene	Ave	0.6538	0.7458		11.4	10.0	14.1	30.0
trans-1,3-Dichloropropene	Ave	0.4254	0.5536		13.0	10.0	30.1*	30.0
1,1,2-Trichloroethane	Ave	0.2964	0.3575		12.1	10.0	20.6	30.0
Tetrachloroethene	Ave	0.7581	0.9127		12.0	10.0	20.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3572	0.4413		12.4	10.0	23.5	30.0
Dibromochloromethane	Ave	0.7797	1.005		12.9	10.0	28.9	30.0
1,2-Dibromoethane	Ave	0.6221	0.7571		12.2	10.0	21.7	30.0
Chlorobenzene	Ave	1.001	1.158		11.6	10.0	15.7	30.0
Ethylbenzene	Ave	1.495	1.782		11.9	10.0	19.3	30.0
n-Nonane	Ave	0.4915	0.6009		12.2	10.0	22.2	30.0
m,p-Xylene	Ave	0.5882	0.7021		23.9	20.0	19.4	30.0
Xylene, o-	Ave	0.5805	0.7106		12.2	10.0	22.4	30.0
Styrene	Ave	0.8448	1.043		12.3	10.0	23.5	30.0
Bromoform	Ave	0.7636	1.050		13.7	10.0	37.4*	30.0
Cumene	Ave	1.801	2.240		12.4	10.0	24.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7785	0.9781		12.6	10.0	25.6	30.0
n-Propylbenzene	Ave	1.991	2.571		12.9	10.0	29.1	30.0
1,2,3-Trichloropropane	Ave	0.6200	0.7702		12.4	10.0	24.2	30.0
n-Decane	Ave	0.6662	0.8387		12.6	10.0	25.9	30.0
4-Ethyltoluene	Ave	1.862	2.401		12.9	10.0	28.9	30.0
2-Chlorotoluene	Ave	1.566	1.985		12.7	10.0	26.8	30.0
1,3,5-Trimethylbenzene	Ave	1.707	2.148		12.6	10.0	25.9	30.0
Alpha Methyl Styrene	Ave	0.7433	0.9423		12.7	10.0	26.8	30.0
tert-Butylbenzene	Ave	1.704	2.127		12.5	10.0	24.8	30.0
1,2,4-Trimethylbenzene	Ave	1.645	2.120		12.9	10.0	28.8	30.0
sec-Butylbenzene	Ave	2.299	2.914		12.7	10.0	26.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-20780-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-67984/2 Calibration Date: 02/05/2014 11:56
 Instrument ID: CHW.i Calib Start Date: 12/12/2013 18:12
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/12/2013 23:57
 Lab File ID: 5988_002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	2.033	2.628		12.9	10.0	29.3	30.0
1,3-Dichlorobenzene	Ave	1.109	1.461		13.2	10.0	31.7*	30.0
1,4-Dichlorobenzene	Ave	1.062	1.420		13.4	10.0	33.8*	30.0
Benzyl chloride	Ave	0.9058	1.363		15.0	10.0	50.5*	30.0
n-Undecane	Ave	0.6729	0.8599		12.8	10.0	27.8	30.0
n-Butylbenzene	Ave	1.440	1.905		13.2	10.0	32.2*	30.0
1,2-Dichlorobenzene	Ave	1.085	1.436		13.2	10.0	32.3*	30.0
n-Dodecane	Ave	0.4982	0.5920		11.9	10.0	18.8	30.0
1,2,4-Trichlorobenzene	Ave	0.5669	0.6763		11.9	10.0	19.3	30.0
Hexachlorobutadiene	Ave	0.8601	1.162		13.5	10.0	35.1*	30.0
Naphthalene	Ave	1.056	1.259		11.9	10.0	19.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5260	0.6739		12.8	10.0	28.1	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20735-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20735-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 16:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 19:00	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
200-20735-6	5634	02/06/2014 08:58	0.2	5988_013.d	RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20762-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20762-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 16:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 19:00	0.2		RTX-624 0.32 (mm)
200-20762-12	3217	02/05/2014 20:06	0.2	5988_008.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 08:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20763-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20763-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 16:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
200-20763-7	2631	02/05/2014 19:00	0.2	5988_007.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 08:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20780-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/12/2013 15:40

Analysis Batch Number: 65929 End Date: 12/13/2013 04:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-65929/1		12/12/2013 15:40	1	wak001.d	RTX-624 0.32 (mm)
VIBLK 200-65929/2		12/12/2013 16:35	1		RTX-624 0.32 (mm)
VIBLK 200-65929/3		12/12/2013 17:24	1		RTX-624 0.32 (mm)
IC 200-65929/4		12/12/2013 18:12	1	wak004.d	RTX-624 0.32 (mm)
IC 200-65929/5		12/12/2013 19:03	1	wak005.d	RTX-624 0.32 (mm)
IC 200-65929/6		12/12/2013 19:52	1	wak006.d	RTX-624 0.32 (mm)
IC 200-65929/7		12/12/2013 20:40	1	wak007.d	RTX-624 0.32 (mm)
ICIS 200-65929/8		12/12/2013 21:29	1	wak008.d	RTX-624 0.32 (mm)
IC 200-65929/9		12/12/2013 22:18	1	wak009.d	RTX-624 0.32 (mm)
IC 200-65929/10		12/12/2013 23:07	1	wak010.d	RTX-624 0.32 (mm)
IC 200-65929/11		12/12/2013 23:57	1	wak011.d	RTX-624 0.32 (mm)
VIBLK 200-65929/12		12/13/2013 00:46	1		RTX-624 0.32 (mm)
VIBLK 200-65929/13		12/13/2013 01:36	1		RTX-624 0.32 (mm)
ICV 200-65929/14		12/13/2013 02:26	1	wak014.d	RTX-624 0.32 (mm)
ZZZZZ		12/13/2013 03:16	1		RTX-624 0.32 (mm)
VIBLK 200-65929/16		12/13/2013 04:06	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-20780-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 02/05/2014 11:05

Analysis Batch Number: 67984 End Date: 02/06/2014 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-67984/1		02/05/2014 11:05	1	5988_001.d	RTX-624 0.32 (mm)
CCVIS 200-67984/2		02/05/2014 11:56	1	5988_002.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 12:52	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 13:56	1		RTX-624 0.32 (mm)
LCS 200-67984/25		02/05/2014 14:47	1	5988_025.d	RTX-624 0.32 (mm)
MB 200-67984/26		02/05/2014 15:38	1	5988_026.d	RTX-624 0.32 (mm)
200-20780-8	2523	02/05/2014 16:44	0.2	5988_005.d	RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 17:53	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 19:00	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 20:54	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 21:43	1		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 22:31	2		RTX-624 0.32 (mm)
ZZZZZ		02/05/2014 23:37	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 08:58	0.2		RTX-624 0.32 (mm)
ZZZZZ		02/06/2014 10:05	0.2		RTX-624 0.32 (mm)

Shipping and Receiving Documents

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Arco's</u> Address: <u>10 Friends Lane</u> City/State/Zip: <u>Newtown PA 18940</u> Phone: <u>267-685-1874</u> FAX: <u>267-685-1521</u> Project Name: <u>L.M.C. Utica</u> Site: <u>Utica NY</u> PO #: <u>NT001050</u>		Project Manager: <u>Jeff Binstead</u> Phone: <u>207-685-1674</u> Email: <u>Jeffrey.Binstead@ATAA3-us.com</u> Site Contact: <u>D. Zuck</u> TA Contact: <u>Don Diving</u> Analysis Turnaround Time Standard (Specify): <u>2 wks</u> Rush (Specify):		Samples Collected By: <u>KB/DZ</u> of <u>6</u> COCs																
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
IA-VMP-1B	2/17/14	09:36	1905	-30	-14.5	097018	4442	X							X					
SS-VMP-1B		09:36	1715	-29	-5	09709	3011	X							X					
IA-VMP-2B		09:22	1724	-30	-7.5	10239	2956	X							X					
SS-VMP-2B		09:21	1721	-30	-5.2	09702	4343	X							X					
IA-VMP-2C		09:25	1727	-30	-7.5	4532	4006	X							X					
SS-VMP-2C		09:24	1727	-30	-6	10630	4441	X							X					
Temperature (Fahrenheit) Interior Start Stop Ambient Pressure (inches of Hg) Interior Start Stop Ambient																				
Special Instructions/QC Requirements & Comments: Note: All IA + Dup IA should be under Sample Data Group #1 (S00-1) AM SS + Dup SS should be under Sample Data Group #2 (S00-2)																				
Samples Shipped by: <u>Don Zuck</u> Date/Time: <u>2/13/14 1100</u>															Samples Received by: <u>Jeffrey Binstead</u> Date/Time: <u>2/14/14 1300</u>					
Samples Relinquished by:															Received by:					
Relinquished by:															Received by:					
Lab Use Only															Shipper Name:					
Condition:															Opened by:					



200-20955 Chain of Custody

TestAmerica Burlington
 30 Community Drive
 Suite 11

South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <i>Arad's</i> Address: <i>4000</i> City/State/Zip: <i>Utica NY</i> Phone: <i>518-782-1111</i> FAX: <i>518-782-1111</i> Project Name: <i>LMC UTICA</i> Site: <i>Utica NY</i> PO #: <i>17001050</i>		Project Manager: <i>[Signature]</i> Phone: <i>[Signature]</i> Email: <i>[Signature]</i> Site Contact: <i>[Signature]</i> TA Contact: <i>[Signature]</i> Analysis Turnaround Time: Standard (Specify) <i>24hrs</i> Rush (Specify)		Samples Collected By: <i>KB/DZ</i> 2 of 2 COCs																	
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)		
IA - VMP - 3A	2/12/14	0905	1702	-30	-6.5	10877	5148	X							X						
SS - VMP - 3A		0902	1703	-30	-12.5	4205	5039	X							X						
IA - VMP - 3B		0924	1722	-30	-6	5232	5050	X							X						
SS - VMP - 3B		0923	1725	-30	-22.5	5203	5028	X							X						
IA - VMP - 3D		0930	1632	-31	-5	90660	2786	X							X						
SS - VMP - 3D		0930	1732	-30	-6.5	10660	2639	X							X						
				Temperature (Fahrenheit)																	
				Interior																	
				Ambient																	
				Start																	
				Stop																	
				Interior																	
				Ambient																	
				Start																	
				Stop																	
Special Instructions/QC Requirements & Comments: <i>Page 1 of 6</i>																					
Samples Shipped by: <i>[Signature]</i> Date/Time: <i>2/13/14 1100</i>												Samples Received by: <i>[Signature]</i> <i>2/11/14 1230</i> Received by: <i>[Signature]</i>									
Samples Relinquished by:												Relinquished by:									
Relinquished by:												Relinquished by:									
Lab Use Only												Shipper Name:									
Condition:												Opened by:									

TestAmerica Burlington
 30 Community Drive
 Suite 11

South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager		Samples Collected By: KB/DZ		3 of 6 COCs																							
Company: Aradis		Name: [Signature]		EPA 25C		Other (Please specify in notes section)																							
Address: [Signature]		Phone: [Signature]		EPA 3C		Other (Please specify in notes section)																							
City/State/Zip: [Signature]		Email: [Signature]		MA-APH		Other (Please specify in notes section)																							
Phone: [Signature]		Site Contact: [Signature]		TO-15		Other (Please specify in notes section)																							
FAX: [Signature]		TA Contact: [Signature]		Canister ID		Other (Please specify in notes section)																							
Project Name: ATC/MC UTILO		Analysis Turnaround Time		Flow Controller ID		Other (Please specify in notes section)																							
Site: ATC/MC		Standard (Specify) ZWR		Canister Vacuum in Field, "Hg (Start)		Other (Please specify in notes section)																							
PO # ATC01050		Rush (Specify)		Canister Vacuum in Field, "Hg (Stop)		Other (Please specify in notes section)																							
Sample Identification		Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)										
																				Interior	Ambient								
IA - VMP - 5B		2/12/14	0910	1714	-31	-14	5168	5618	X						X														
SS - VMP - 5B			0910	1713	-30	-21	09708	5104	X						X														
IA - VMP - 6A			0859	1652	-30	-6	10056	4150	X						X														
SS - VMP - 6A			0857	1632	-30	-6	10654	3459	X						X														
IA - VMP - 6B			0908	1708	-29	-6	3736	5160	X						X														
SS - VMP - 6B			0907	1707	-30+	-11	5182	2712	X						X														
Temperature (Fahrenheit)																													
Pressure (inches of Hg)																													
Special Instructions/QC Requirements & Comments:																													
See page # 1 of 6																													
Samples Shipped by: [Signature]															Date/Time: 2/13/14 1100					Samples Received by: [Signature]									
Samples Relinquished by:															Date/Time:					Received by:									
Relinquished by:															Date/Time:					Received by:									
Lab Use Only															Shipped Name:					Opened by:					Condition:				

TestAmerica Burlington
 30 Community Drive
 Suite 11

South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Aradd's</u> Address: <u>See Page # 1 of 6</u> City/State/Zip: <u>VT 05403</u> Phone: <u>802-660-1990</u> FAX: <u>802-660-1919</u>		Project Manager: <u>Jeff Bonstrel</u> Phone: _____ Email: _____ Site Contact: _____ TA Contact: _____		Samples Collected By: <u>KB/DZ</u> of <u>6</u> COCs																				
Project Name: <u>LMC Utica</u> Site: <u>Utica NY</u> PO #: <u>NJ001050</u>		Analysis Turnaround Time Standard (Specify): <u>2 wk</u> Rush (Specify): _____		Other (Please specify in notes section)		Other (Please specify in notes section)																		
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)						
																			Interior	Ambient				
IA - VMP - 3E	2/12/14	0937	1640	-29.5	-6	3123	4550	X						X										
SS - VMP - 3E		0936	1740	-30	-6.5	10587	5615	X						X										
IA - VMP - 4		0930	1730	-30	-7.8	3695	5610	X						X										
SS - VMP - 4		0931	1641	-29	-6	10659	5081	X						X										
IA - VMP - 5A		0855	1655	-28.5	-5.5	10240	4282	X						X										
SS - VMP - 5A		0855	1655	-30	-6	10053	5607	X						X										
Temperature (Fahrenheit) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Interior</td> <td>Ambient</td> </tr> <tr> <td>Start</td> <td></td> </tr> <tr> <td>Stop</td> <td></td> </tr> </table>																			Interior	Ambient	Start		Stop	
Interior	Ambient																							
Start																								
Stop																								
Pressure (inches of Hg) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Interior</td> <td>Ambient</td> </tr> <tr> <td>Start</td> <td></td> </tr> <tr> <td>Stop</td> <td></td> </tr> </table>																			Interior	Ambient	Start		Stop	
Interior	Ambient																							
Start																								
Stop																								
Special Instructions/QC Requirements & Comments: <div style="font-size: 2em; text-align: center;">See Page # 1 of 6</div>																								
Samples Shipped by: <u>[Signature]</u>														Date/Time: <u>2/13/14 1100</u>					Samples Received by: <u>[Signature]</u>					
Samples Relinquished by: _____														Date/Time: _____					Received by: _____					
Relinquished by: _____														Date/Time: _____					Received by: _____					
Lab Use Only														Shipped Name: _____					Opened by: _____ Condition: _____					

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Arad's</u> Address: <u>Collie Ave</u> City/State/Zip: <u>Utica NY</u> Phone: <u>518-487-1050</u> FAX: Project Name: <u>LMC Utica</u> Site: <u>Utica NY</u> PO # <u>NTA01050</u>		Project Manager: <u>Jeff Bonsted</u> Phone: Email: <u>10 of 6</u> Site Contact: TA Contact:		Samples Collected By: <u>KB/DZ</u>		5 of 6 COCs																																			
Analysis Turnaround Time Standard (Specify): <u>ZWS</u> Rush (Specify):		Sample Identification IA-VMP-7 IA-VMP-7 <u>IA-VMP-7</u> <u>IA-VMP-7A</u> <u>SS-VMP-7A</u> <u>IA-VMP-8D</u> <u>SS-Dup-021214</u>		Sample Date(s): <u>2/12/14</u> <u>0854</u> <u>1120</u> <u>0853</u> <u>0914</u> <u>2/12/14</u>		Time Start: <u>1701</u> <u>1815</u> <u>1907</u> <u>1806</u> <u>1634</u> <u>-</u>		Time Stop: <u>1701</u> <u>1815</u> <u>1907</u> <u>1806</u> <u>1634</u> <u>-</u>		Canister Vacuum In Field, "Hg (Start): <u>-30</u> <u>-28</u> <u>-29</u> <u>-30</u> <u>-30</u> <u>-30</u>		Canister Vacuum In Field, "Hg (Stop): <u>-6.9</u> <u>-14.9</u> <u>-5</u> <u>-26</u> <u>-6</u> <u>-20</u>		Flow Controller ID: <u>4056</u> <u>3118</u> <u>4030</u> <u>09912</u> <u>10617</u> <u>-</u>		Canister ID: <u>5083</u> <u>3136</u> <u>4016</u> <u>4488</u> <u>5612</u> <u>3087</u>		TO-15: <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u>		MA-APH: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		EPA 3C: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		EPA 25C: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		ASTM D-1946: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		Other (Please specify in notes section): <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		Sample Type: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		Indoor Air: <u></u> <u>X</u> <u>X</u> <u>X</u> <u>X</u> <u>X</u>		Ambient Air: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		Soil Gas: <u>X</u> <u></u> <u>X</u> <u></u> <u>X</u> <u></u>		Landfill Gas: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>		Other (Please specify in notes section): <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>	
Special Instructions/QC Requirements & Comments: <u>See page # 10 of 6</u>																																									
Samples Shipped by: <u>[Signature]</u>												Date/Time: <u>2/13/14 1102</u>																													
Samples Relinquished by: <u>[Signature]</u>												Date/Time: <u>2/13/14 1102</u>																													
Relinquished by:												Date/Time:																													
Lab Use Only												Shipped Name:																													
Lab Use Only												Shipper Name:																													
Lab Use Only												Opened by:																													
Lab Use Only												Condition:																													

Samples Received by: 2/14/14 1300
 Received by: [Signature]

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

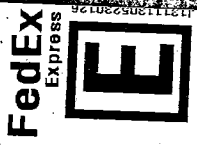
TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Aradis</u> Address: <u>See Page #</u> City/State/Zip: <u>Wino, VT</u> Phone: <u>802-251-1100</u> FAX: <u>802-251-1100</u> Project Name: <u>Wino, VT</u> Site: <u>Wino, VT</u> PO # <u>W1001050</u>		Project Manager: <u>Jeff Bostel</u> Phone: _____ Email: <u>lot@</u> Site Contact: _____ TA Contact: _____ Analysis Turnaround Time Standard (Specify) <u>Week</u> Rush (Specify) _____		Samples Collected By: <u>KB/DE</u> of <u>6</u> COCs																
Sample Identification <u>IA-DUP-021214</u> _____ _____ _____		Sample Date(s) <u>2/12/14</u>	Time Start <u>-</u>	Time Stop <u>-</u>	Canister Vacuum in Field, "Hg (Start) <u>-30</u>	Canister Vacuum in Field, "Hg (Stop) <u>-14.5</u>	Flow Controller ID <u>-</u>	Canister ID <u>3233</u>	TO-15 <u>X</u>	MA-APH <u>-</u>	EPA 3C <u>-</u>	EPA 25C <u>-</u>	ASTM D-1946 <u>-</u>	Other (Please specify in notes section) <u>-</u>	Sample Type <u>-</u>	Indoor Air <u>X</u>	Ambient Air <u>-</u>	Soil Gas <u>-</u>	Landfill Gas <u>-</u>	Other (Please specify in notes section) <u>-</u>
Special Instructions/QC Requirements & Comments: <u>See page # 1 of 6</u>																				
Samples Shipped by: <u>[Signature]</u>										Date/Time: <u>2/12/14 1100</u>										
Samples Relinquished by: _____										Date/Time: _____										
Relinquished by: _____										Date/Time: _____										
Lab Use Only										Shipper Name: _____										
Opened by: _____										Condition: _____										
Received by: _____										Date/Time: _____										
Received by: _____										Date/Time: _____										

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
SAMPLE MANAGEMENT
30 COMMUNITY DRIVE
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

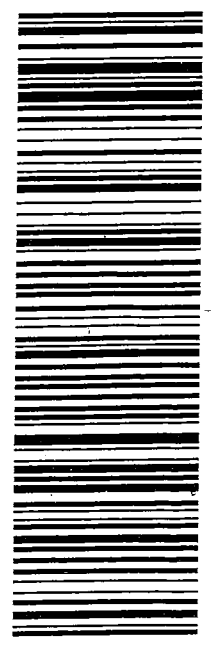
TO **SAMPLE MANAGEMENT**
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1058
REF: 5200-9953



TRK# 5039 4703 0590
0221
RETURNS MON - FRI
PRIORITY OVERNIGHT
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT 3

EK BTVA
05403
VT-US
BTV



FTD 772466 13FEB14 UCAA 51AC1/562F/65DD

ORIGIN ID: BTVA (802) 923-1058
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

TO **KATIE BIDWELL C/O RICH FERRAIOLA**
CONMED CORPORATION
525 FRENCH ROAD

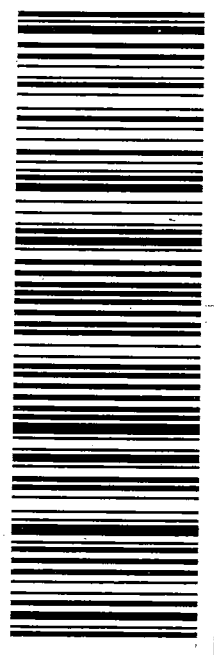
UTICA NY 13502
(518) 250-7387
REF: 5200-9953



MON - 10 FEB AA
** 2DAY **

8 of 10
MPS# 5039 4703 0568
0263
Mstr# 5039 4703 0498

KS UCAA
13502
NY-US SYR



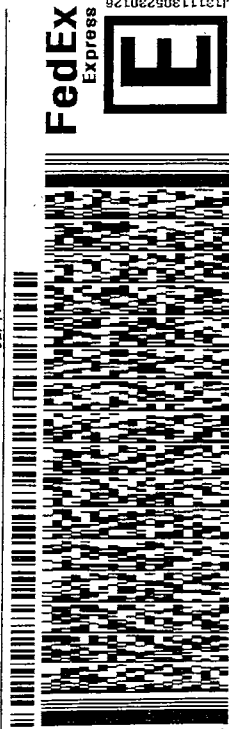
Part # 150148-434 RITZ CM/3

Best America
THE LEADER IN ENVIRONMENTAL

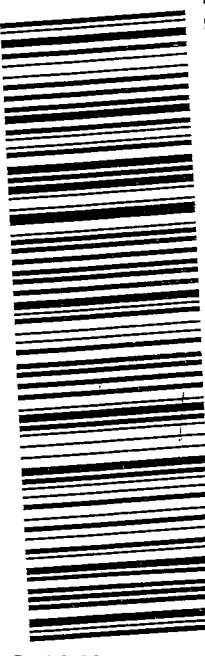
ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
TEST AMERICA CORPORATION
30 COMMUNITY DRIVE
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

TO
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (802) 923-1058
P.O. DEPT:



FTD 772466 13FE814 UCMA 51AC1/562F/650D



EK BTVA

05403
VT-US
BTV

FedEx
TRACKING
5039 4703 0649

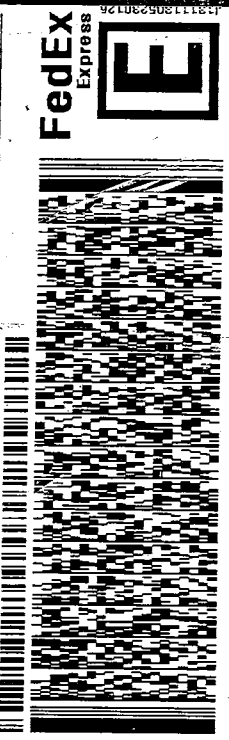
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

ORIGIN ID: BTVA (802) 923-1058
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

TO
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD

UTICA NY 13502
(618) 260-7387

REF: \$200 -- 9953



5 of 10
MON - 10 FEB AA

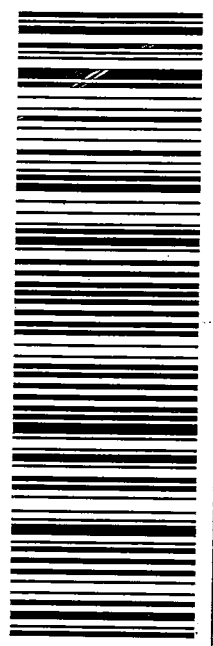
MPS# 5039 4703 0535
Mstr# 5039 4703 0498

KS UCAA

**** 2DAY ****

0201

13502
NY-US
SYR



Part # 169143-434 R172 04/13 **

ORIGIN ID: BTVA (802) 923-1058
SHIP DATE: 06FEB14
ACTWGT: 34.3 LB
CAG: 000890364/CAFE2704
DIM: 20x20x14 IN
BILL SENDER

TO
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403
UNITED STATES US

UTICA NY 13502

(518) 250-7387

REF: \$200-9953



FedEx
Express
E

9 of 10

MPS# 5039 4703 0579

MStr# 5039 4703 0498

0201

KS UCAA

MON - 10 FEB AA

** 2DAY **

13502

NY-US

SYR



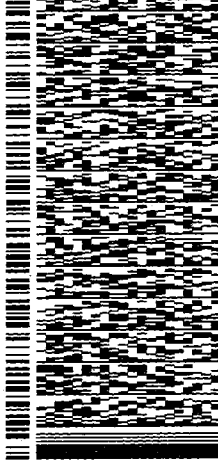
ORIGIN ID: BTVA (518) 250-7387
SHIP DATE: 06FEB14
ACTWGT: 5.0 LB MAN
CAG: 000890364/CAFE2704
DIM: 20x20x14 IN
BILL SENDER

TO
SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1058

REF:

DEPT:



FedEx
Express
E

TRK#
0221

FedEx

TRK#
0221

5039 4703 0660

EK BTVA

05403

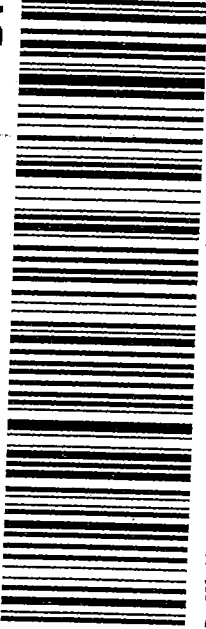
VT-US

BTV

RETURNS MON - FRI

FRI - 14 FEB 10:30A

PRIORITY OVERNIGHT



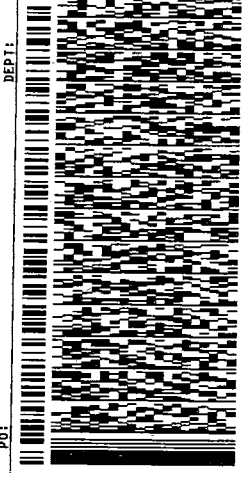
FD 772466 13FEB14 UCAA 51AC1/562F/6500

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDMELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

SHIP DATE: 06FEB14
ACTWGT: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIMS: 20x20x14 IN
BILL SENDER

TO SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (602) 923-1068
INV: PO:



RETURNS MON - FRI
PRIORITY OVERNIGHT
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 5039 4703 0616
0221



TRK# 5039 4703 0616
0221

EK BTVA

05403
VT-US
BTVA



FID 772466 13FEB14 UCAA 51ACT/562F/6500

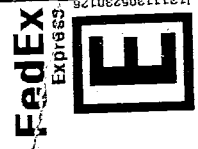
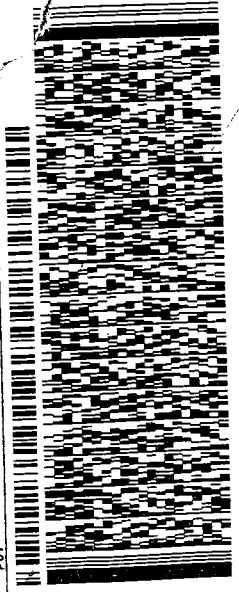
PAV 103143-43 312 0413 33

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDMELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

SHIP DATE: 06FEB14
ACTWGT: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIMS: 20x20x14 IN
BILL SENDER

TO SAMPLE MANAGEMENT
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (602) 923-1068
INV: PO:



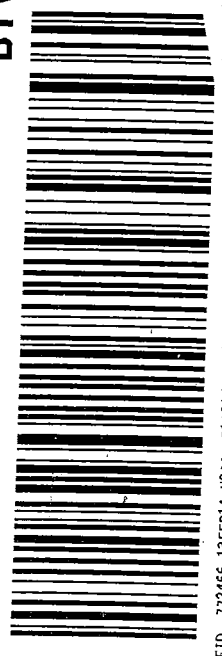
RETURNS MON - FRI
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 5039 4703 0682
0221



EK BTVA

05403
VT-US
BTVA



FID 772466 13FEB14 UCAA 51ACT/562F/6500

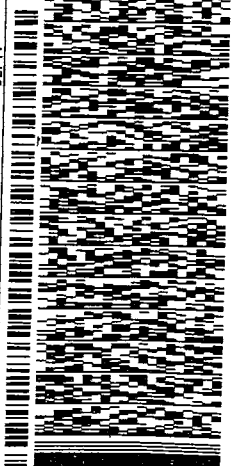
A
0682
0214

716
717

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

TO **SAMPLE MANAGEMENT**
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (802) 923-1068
INVT: POI:

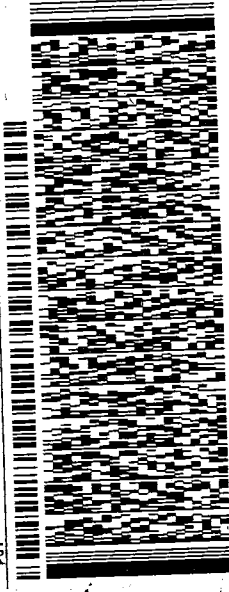


FedEx Express **E**

ORIGIN ID: BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD
UTICA, NY 13502
UNITED STATES US

TO **SAMPLE MANAGEMENT**
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

REF: (802) 923-1068
INVT: POI:



FedEx Express **E**

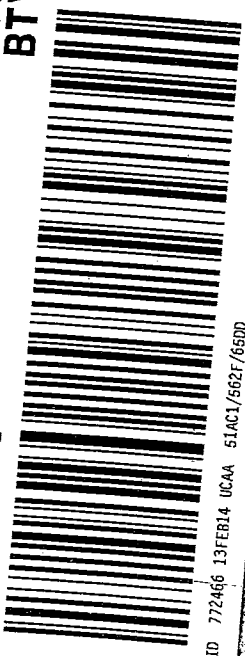
SHIP DATE: 06FEB14
ACTWTG: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIM: 20x20x14 IN
BILL SENDER

RETURNS MON - FRI
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

TRK# 5039 4703 0650

EK BTVA

05403
VT-US
BTV

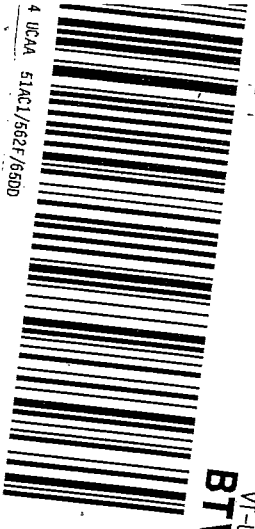


FID 772466 13FEB14 UCAA 51AC1/5627/65DD

RETURNS MON - FRI
PRIORITY OVERNIGHT

TRK# 5039 4703

05403
VT-US
BTV



TVA

4703 0627
FRI - 14 FEB 10:30A
PRIORITY OVERNIGHT

4 UCAA 51AC1/5627/65DD

TestAmerica Burlington

30 Community Drive

Suite 11

South Burlington, VT 05403

phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>Arctidix</u> Address: <u>10 Friends Lane Suite 200</u> City/State/Zip: <u>Newtown PA 18940</u> Phone: <u>207-685-1874</u> FAX: <u>207-685-1801</u> Project Name: <u>L-MC 41100</u> Site: <u>UT11 AM</u> PO #: <u>11000050</u>		Project Manager: <u>T Jeff Burckel</u> Phone: <u>207-685-1874</u> Email: <u>TJeff.Burckel@Arctidix-US.com</u> Site Contact: <u>D. Zwick</u> TA Contact: <u>Don Duricki</u> Analysis Turnaround Time Standard (Specify) <u>2 week</u> Rush (Specify)		Samples Collected By: <u>D. Zwick</u> of <u>1</u> COCs																
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
SS-VMP-713	2/13/14	1030	1658	-31	-5	3484	2706	X												
AMB-021314	2/13/14	1155	2000	-30	-10.5	5178	3015	X							X					
Special Instructions/QC Requirements & Comments: please analyze SS with sample Datas Group #2 (SDG-2) please analyze AMB with SDG-1.																				
Samples Shipped by: <u>[Signature]</u> Date/Time: <u>2/14/14 1500</u>														Samples Received by: <u>[Signature]</u> Date/Time: <u>2/17/14 0800</u>						
Samples Relinquished by: <u>[Signature]</u> Date/Time:														Received by:						
Relinquished by:														Received by:						
Lab Use Only														Shipped by:						
Condition:														Opened by:						



200-20969 Chain of Custody

ORIGIN ID:BTVA (518) 250-7387
KATIE BIDWELL C/O RICH FERRAIOLA
CONMED CORPORATION
525 FRENCH ROAD

SHIP DATE: 08FEB14
ACTWGT: 5.0 LB MAN
CAD: 000890364/CAFE2704
DIMS: 20x20x14 IN

UTICA, NY 13502
UNITED STATES US

BILL SENDER

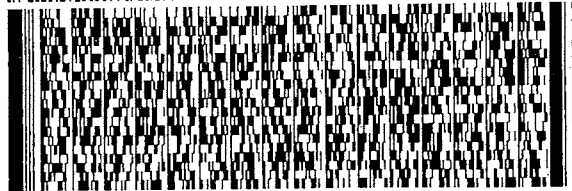
TO **SAMPLE MANAGEMENT**
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 923-1058

REF:

INVT:

DEPT:



FedEx
Express



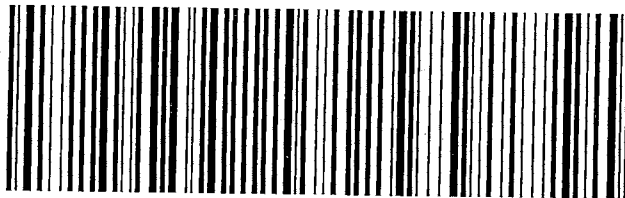
J13111305230126

FedEx
TRK#
0221 5039 4703 0605

MON - 17 FEB 10:30A
PRIORITY OVERNIGHT

KS BTVA

05403
VT-US
BTV



FID 965958 14FEB14 SYRA 51AC1/562F/65DD

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2
SDG Number: 200-20955-2

Login Number: 20955
List Number: 1
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	119091,092,093,094,096,097,118941,942,943
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	AMBIENT
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 200-20955-2
SDG Number: 200-20955-2

Login Number: 20969
List Number: 1
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	118944
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

APPENDIX D

Data Usability Summary Report

Stantec Data Usability Summary Report

Report No. 032014-EC-03

Project Name: Lockheed, Utica, NY	Project Number: 190500800	
Stantec Validator: Elizabeth Crowley	Laboratory: Test America - South Burlington, VA	
Date Validated: 03/14/14	Laboratory Project Number: 200-20995-1	
Sample Start-End Date: 02/12-02/13/14	Laboratory Report Date: 02/28/14	
Parameters Validated: Volatile Organic Compounds by EPA TO-15 Tier III validation		
Samples Validated: 17 air field samples – See Samples Validated Table		
VALIDATION CRITERIA CHECK		
<p>Data review based on <i>USEPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air</i>, Second Edition, Compendium Method TO-15 with NYSDEC ASP 2005 Revision, QA/QC and reporting deliverables requirements., <i>Quality Assurance Program Plan, Solvent Deck Area, Former French Road Facility, Utica, NY</i> October 14, 2009 and <i>USEPA National Functional Guidelines</i> (USEPA, 1999b)</p> <p>Validation Flags Applicable to this Review:</p> <p>U The analyte was analyzed for, but not detected above the reported sample quantitation limit.</p> <p>J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.</p> <p>UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.</p> <p>N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.</p> <p>NJ The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.</p> <p>R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.</p> <p>B The analyte was detected in the method, field and/or trip blank.</p>		
1. Were all the analyses requested for the samples submitted with each COC completed by the lab?	Yes X	No
Comments:		
2. Did the laboratory identify any non-conformances related to the analytical result?	Yes X	No
Comments: Refer to laboratory report.		
3. Were sample Chain-of-Custody forms complete?	Yes X	No
Comments: Minor CofC/Label discrepancies, Lab and PM communication resolved all discrepancies. No qualifying action required.		
4. Were samples received in good condition and at the appropriate temperature?	Yes X	No
Comments		
5. Were sample holding times met?	Yes X	No
Comments:		
6. Were correct concentration units reported?	Yes	No

		X	
Comments:			
7. Were detections found in laboratory blank samples?		Yes X	No
<p>Comments: Batch 68730 – 1,3-Dichlorobenzene = 0.163 µg/m³ and 1,4-Dichlorobenzene = 0.212 µg/m³.</p> <p>Batch 68870 – Multiple analytes reported in method blank, associated sample non-detect for blank reported analytes. No qualifying action required.</p> <p>Sample results below the blank concentration are validated to non-detect and flagged “UJB”. The reporting and/or detection limit is changed to the blank concentration. Sample results greater than the blank concentration and less than 5 times the blank concentration are flagged “JB”. Sample concentrations greater than 5 times the blank concentration require no qualifying.</p> <p>All results greater than 5x concentration. No qualifying action required.</p>			
8. Were detections found in field blank, equipment rinse blank, and/or trip blank samples?	NA	Yes	No
Comments: No blank samples submitted.			
9. Were instrument calibrations within method criteria?		Yes	No X
<p>Comments: Instrument GHC.i – ICAL dated 01/03/14, batch 68870 - %RSD above limits for Naphthalene and CCAL %D above limits for Naphthalene. Associated result flagged “UJ”. Reason Code – ICAL,CCAL</p> <p>Instrument GHG.i – ICAL dated 02/20/14, batches 68679 and 68811 - %SD above limits for 1,2,4-Trichlorobenzene. Associated results flagged “J” if positive or “UJ” if non-detect. Reason Code – ICAL</p> <p>Batch 68811 – CCAL dated 02/25-14 - %D above limits for Hexachlorobutadiene. Associated sample result flagged “UJ”. Reason Code – CCAL.</p> <p>Instrument GHW.i – ICAL dated 02/11/14, batches 68420 and 68730 - %RSD above limits for Naphthalene. Associated sample results flagged “UJ”. Reason Code – ICAL</p>			
10. Were surrogate recoveries within control limits?	NA	Yes	No
Comments: No surrogates required.			
11. Were laboratory control (LC/LD) sample recoveries within control limits?		Yes X	No
Comments: LCS %Rs above limits for analytes which reported non-detect sample results. No qualifying action required.			
12. Were site specific matrix spike (MS/MD) recoveries within control limits?	NA	Yes	No
Comments: No matrix samples required.			
13. Were RPDs within control limits?		Yes X	No
Comments:			

14. Were dilutions required on any samples?	Yes X	No	
Comments: Samples diluted due to high concentrations of analytes. Isopropyl Alcohol reported at the upper limit of the instrument calibration, sample not reanalyzed at greater dilution. Associated sample result flagged "J". Reason Code - EC.			
15. Were Tentatively Identified Compounds (TIC) present?	Yes X	No	
Comments: Sample results below the reporting limit do not possess the degree of qualitative or quantitative confidence required. The value may be a false positive and is an estimated value and is flagged "NJ". Reason Code – SQL			
16. Were organic system performance/instrument tune criteria met?	Yes X	No	
Comments:			
17. Were GC/MS internal standards within method criteria?	Yes X	No	
Comments:			
18. Were inorganic method performance criteria met?	NA	Yes	No
Comments: No inorganic analyses requested.			
19. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	Yes X	No	
Duplicate Sample Nos. IA-DUP-021214 IA-VMP-1B			
Comments: All RPDs within limits. Only results greater than 2x the reporting limit used to calculate RPD.			
20. Were at least 10 percent of the hard copy results compared to the Electronic Data Deliverable Results?	Yes X	No	Initials EAC
Comments:			
21. Other: Poor/Incorrect Chromatogram	Yes X	No	
Comments: The chromatograms for the reported analyte was a poor match or had incorrect peaks for: IA-VMP-1B – 4-Isopropyltoluene and sec-Butylbenzene. IA-VMP-2C – Methyl Methacrylate, sec-Butylbenzene and Tetrahydrofuran. IA-VMP-3E – sec-Butylbenzene and Tetrahydrofuran. IA-VMP-4 – 2-Chlorotoluene, 4-Ethyltoluene, Methyl Methacrylate and sec-Butylbenzene. IA-VMP-7A – Tetrahydrofuran. IA-VMP-7 – Tetrahydrofuran. Associated results flagged "J". Reason Code – ID			

PRECISION, ACCURACY, METHOD COMPLIANCE AND COMPLETENESS ASSESSMENT

Data are usable as flagged. See Form 1s for flagged data.

Precision:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Sensitivity:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Accuracy:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Representativeness:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Method Compliance:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Completeness:	Acceptable X	Unacceptable	Initials EAC
Comments:			

Stantec Data Usability Summary Report

Report No. 032014-EC-04

Project Name: Lockheed, Utica, NY	Project Number: 190500800	
Stantec Validator: Elizabeth Crowley	Laboratory: Test America - South Burlington, VA	
Date Validated: 03/17/14	Laboratory Project Number: 200-20995-2	
Sample Start-End Date: 02/12-02/13/14	Laboratory Report Date: 02/28/14	
Parameters Validated: Volatile Organic Compounds by EPA TO-15 Tier III validation		
Samples Validated: 16 air field samples – See Samples Validated Table		
VALIDATION CRITERIA CHECK		
<p>Data review based on <i>USEPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air</i>, Second Edition, Compendium Method TO-15 with NYSDEC ASP 2005 Revision, QA/QC and reporting deliverables requirements., <i>Quality Assurance Program Plan, Solvent Deck Area, Former French Road Facility, Utica, NY</i> October 14, 2009 and <i>USEPA National Functional Guidelines</i> (USEPA, 1999b)</p> <p>Validation Flags Applicable to this Review:</p> <p>U The analyte was analyzed for, but not detected above the reported sample quantitation limit.</p> <p>J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.</p> <p>UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.</p> <p>N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.</p> <p>NJ The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.</p> <p>R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.</p> <p>B The analyte was detected in the method, field and/or trip blank.</p>		
1. Were all the analyses requested for the samples submitted with each COC completed by the lab?	Yes X	No
Comments:		
2. Did the laboratory identify any non-conformances related to the analytical result?	Yes X	No
Comments: Refer to laboratory report.		
3. Were sample Chain-of-Custody forms complete?	Yes X	No
Comments:		
4. Were samples received in good condition and at the appropriate temperature?	Yes X	No
Comments:		
5. Were sample holding times met?	Yes X	No
Comments:		
6. Were correct concentration units reported?	Yes X	No

Comments:		
7. Were detections found in laboratory blank samples?	Yes X	No
<p>Comments: Batch 68730 – 1,3-Dichlorobenzene = 0.163 µg/m³ and 1,4-Dichlorobenzene = 0.212 µg/m³.</p> <p>Sample results below the blank concentration are validated to non-detect and flagged “UJB”. The detection limit is changed to the blank concentration. Sample results greater than the blank concentration and less than 5 times the blank concentration are flagged “JB”. Sample concentrations greater than 5 times the blank concentration require no qualifying.</p> <p>All sample results greater than 5x concentration. No qualifying action required.</p>		
8. Were detections found in field blank, equipment rinse blank, and/or trip blank samples?	NA	Yes No
Comments: No blank samples submitted.		
9. Were instrument calibrations within method criteria?	Yes	No X
<p>Comments: Instrument GHG.i – ICAL dated 02/20/14, batch 68679 - %SD above limits for 1,2,4-Trichlorobenzene. Associated results flagged “J” if positive or “UJ” if non-detect. Reason Code – ICAL</p> <p>Instrument GHW.i – ICAL dated 02/11/14, batch68730 - %RSD above limits for Naphthalene. Associated sample results flagged “UJ”. Reason Code – ICAL</p>		
10. Were surrogate recoveries within control limits?	NA	Yes No
Comments: No surrogates required.		
11. Were laboratory control (LC/LD) sample recoveries within control limits?	Yes X	No
Comments:		
12. Were site specific matrix spike (MS/MD) recoveries within control limits?	NA	Yes No
Comments: No matrix samples required.		
13. Were RPDs within control limits?	Yes X	No
Comments:		
14. Were dilutions required on any samples?	Yes X	No
Comments: Samples diluted due to high concentrations of analytes. Isopropyl Alcohol reported at the upper limit of the instrument calibration, sample not reanalyzed at greater dilution. Associated sample result flagged “J”. Reason Code - EC.		
15. Were Tentatively Identified Compounds (TIC) present?	Yes X	No
Comments: Sample results below the reporting limit do not possess the degree of qualitative or quantitative confidence required. The value may be a false positive and is an estimated value and is flagged “NJ”. Reason Code – SQL		

16. Were organic system performance/instrument tune criteria met?	Yes X	No	
Comments:			
17. Were GC/MS internal standards within method criteria?	Yes X	No	
Comments:			
18. Were inorganic method performance criteria met?	NA	Yes	No
Comments: No inorganic analyses requested.			
19. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	Yes X	No	
Duplicate Sample Nos. SS-DUP-021214 SS-VMP-7A			
Comments: RPDs above limits for Chloroform, Isopropyl Alcohol, Methyl Ethyl Ketone, Methylene Chloride and Trichloroethene.. Associated results flagged "J" for duplicate and parent samples only. Only results which are 2x the reporting limit are used in calculating the RPDs. Reason Code – FDUP			
20. Were at least 10 percent of the hard copy results compared to the Electronic Data Deliverable Results?	Yes X	No	Initials EAC
Comments:			
21. Other: Poor/Incorrect Chromatogram	Yes X	No	
Comments: The chromatograms for the reported analyte was a poor match or had incorrect peaks for: SS-VMP-1B – 2-Dichlorotetrafluoroethane. SS-VMP-2B – 4-Ethylbenzene SS-VMP-2C – 4-Ethylbenzene SS-VMP-3B – 4-Ethyltoluene and Tetrahydrofuran SS-VMP-6A – Cyclohexane SS-VMP-6B – 2-Chlorotoluene, 4-Ethylbenzene and Cyclohexane SS-VMP-3E – 4-Ethylbenzene and Methyl Methacrylate SS-VMP-4 – 4-Ethylbenzene SS-VMP-5A – Cyclohexane and 1,4-Dioxane SS-VMP-7A – 1,1,1-Trichloroethane and Cyclohexane SS-DUP-021214 – 1,1,1-Trichloroethane, Cyclohexane and Tetrahydrofuran. Associated results flagged "J". Reason Code – ID			
PRECISION, ACCURACY, METHOD COMPLIANCE AND COMPLETENESS ASSESSMENT			
Precision:	Acceptable X	Unacceptable	Initials EAC
Comments:			

Sensitivity:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Accuracy:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Representativeness:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Method Compliance:	Acceptable X	Unacceptable	Initials EAC
Comments:			
Completeness:	Acceptable X	Unacceptable	Initials EAC
Comments:			

APPENDIX E

Chemical Inventory

Appendix E. Product Inventory Form

Make and Model of field instrument used:
MiniRAE Photo Ionization Detector

List specific product found in the residence or area that have the potential to affect indoor air quality (e.g., gasoline or kerosene storage cans, glues, paints, cleaning solvents/products, polishes/waxes, new furniture/carpet, nail polish/hairspray/cologne).

Location	Product Description	Size (units)	Condition	Chemical Ingredients	Field Instrument Reading (units)	Photo Y/N
Molding Facility	Safety First APR-424 Aircraft cleaner	6 gallon bucket	Used	5-10% d-Limonene CAS#5989-27-5, 1-5% Triethanolamine CAS#102-71-6, <2% Ethoxylated alkyl amine CAS#68478-95-5, <2% Sodium metasilicate CAS#6834-92-0, <2% Diethanolamine CAS#111-42-2	0.4	Y
Molding Facility	Speedball 2000 Heavy Duty Cleaner	2 spray bottles (750 mL)	Used	1-5% Monoethanolamine, 1-5% Diethylene glycol monoethyl ether, Benzyl alcohol 1-5%	0.0	Y
Molding Facility	Glass cleaner (MDS for Windex)	2 spray bottles (750 mL)	Used	60-100% Water, 1-5% Isopropyl alcohol CAS#67-63-0, 0.5-1.5% 2-Butoxyethanol CAS#111-76-2, 0.5-1.5% Ethylene glycol hexyl ether CAS#112-25-4	0.0	Y
Mold Storage	Slide on/cycle mold cleaner	12 oz can	8: 7 new, 1 used	30-40% Natural turpene CAS#5989-27-5, 25-30% Isopropanol CAS#67-63-0, 22-32% Aliphatic hydrocarbon CAS#64742-48-9, 8-12% Propane CAS#74-98-6	0.9	Y
Mold Storage (Cabinet #2)	Slide White Rhino Rust Preventative	10 oz can	10 new	50-60% Heptane CAS#00142-82-5, 20-30% Proprietary rust preventative, 10-20% Propane CAS#74-98-6, 5-10% n-Butane CAS#106-97-8, 4-8% Isobutane CAS#75-28-5	0.0	Y
Mold Storage (Cabinet #2)	Slide "PC" Polish Cleaner Compound	10 fl oz	7 used, 12 new	5-70% Water, 2-5% Oxalic Acid, 30-35% Silica, 2-5% Ammonium Hydroxide, 2-5% Isopropanol, 2-5% Oleic Acid	0.0	Y
Mold Storage (Cabinet #2)	Dykem Steel Blue	8 fl oz	1 used	30-50% Butyl Acetate, 20-50% Ethanol, 10-20% Butanol, 1-10% Nitocellulose, 10-20% n-Propyl Acetate, 1-10% Isopropanol, 1-5% Diacetone Alcohol, 1-5% C.I. Solvent Red 160, < 1% Malachite Green, <1% Methyl Violet, < 1% C.I. Solvent Yellow 42, < 1% C.I. Solvent Orange 23, C.I. Solvent Black 13	0.0	Y
Mold Storage	Dykem remover	12 oz	2 used	13-30% Butyl Acetate, 71-90%	0.0	Y

(Cabinet #2)	and cleaner			Ethanol, 1-5% Isopropanol, 1-5% Propyl Acetate		
Mold Storage (Cabinet #2)	Rust-oleum America's finest fast dry all-purpose (flat white)	12 oz	1 used	10% Copolymer alkyd resin CAS#000000-28-1, 15% Acetone CAS#000067-64-1, 10% Ethylbenzene CAS#000100-41-4, 1% Toluene CAS#000108-88-3, 0.1% Cobalt 2-ethylhexanoate CAS#000136-52-7, 5% Calcium carbonate CAS#001317-65-3, 25% Xylene CAS#001330-20-7, 5% Ligroin CAS#008032-32-4, 15% Titanium dioxide CAS#013463-67-7, 5% Talc CAS#014807-96-6, 25% Petroleum gases, liquefied CAS#068476-85-7	0.0	Y
Mold Storage (Cabinet #2)	Rust-oleum gloss protective enamel (fresh blue)	12 oz	2 used	< 30% Acetone CAS#67-64-1, <30% Liquefied petroleum gas CAS#68476-86-8, < 10% Xylene CAS#1330-20-7, <10% n-Butyl acetate CAS#123-86-4, <5% Titanium dioxide CAS#13463-67-7, < 5% Ethylbenzene CAS#100-41-4, <5% Propylene glycol monobutyl ether CAS#5131-66-8	0.0	Y
Mold Storage (Cabinet #2)	Master Appliance Ultratane Butane	12 oz	1 used	Isobutane CAS#75-28-5, Propane CAS#74-98-6, Butane CAS#106-97-8	0.0	Y
Mold Storage (Cabinet #2)	PB Penetrating Catalyst	12 oz	1 used	0-3% Dinonylphenol ethoxylated phosphate, 40-50% Solvent Naphtha, Heavy Aromatic, 20-30% Heavy petroleum distillate, 20-40% Hydrotreated light distillate	0.0	Y
Mold Storage (Cabinet #2)	Gesswein Stoning Oil	2 oz and 4 oz	Used	100% Petroleum distillates hydrotreated middle	0.0	Y
Mold Storage (Cabinet #2)	Slide E-S Regular Silicone Mold Release	16 oz	Used	15-25% Petroleum distillate, 5-10% N-Butane, 4-8% Isobutane, 10-20% Propane	0.0	Y
Mold Storage (Cabinet #2)	Kano ExRust	12 oz	1 used	40-70% Inert non-hazardous ingredient CAS#7732-18-5, 20-40% Phosphoric acid CAS#7664-38-2, 5-10% Glycol ether CAS#111-76-2, 1-5% Triethanolamine CAS#102-71-6, 1-5% Tetrasodium pyrophosphate CAS#7722-88-5, 1-5% Proprietary surfactant	0.9	N
Mold Storage (Cabinet #2)	Loctite Naval Jelly Rust Dissolver	8 oz	1 used	>50% Water, 10-30% Phosphoric acid CAS#7664-38-2, 1-5% Phosphate ester, 1-5% Isopropyl alcohol CAS#67-63-0, 1-5% Polysaccharide, 0.1-1% Sulfuric acid CAS#7664-93-9	0.0	Y
Mold Storage	Parker Super O-	3 boxes,	New	None Present	0.0	Y

(Cabinet #2)	Lube	2 oz				
Mold Storage (Cabinet #2)	LPS premium nickel anti-seize	1 lb	1 used	45-65% Petroleum distillates (hydrotreated heavy naphthenic) CAS#64742-52-5, 15-25% Nickel (metallic) CAS#7440-02-0, 5-20% Residual oils CAS#64742-57-0	0.0	Y
Mold Storage (Cabinet #2)	PPE copper flake anti-seize thread compound	8 oz	1 used	50-60% Petroleum oil CAS#64741-96-4, 5-10% Copper powder CAS#7440-50-8, 1-5% Graphite powder CAS#7782-42-5, 0.5-47% Proprietary compounds	0.0	Y
Mold Storage (Cabinet #2)	Dynatex anti-seize and lubricating compound	4 oz	1 used	50-60% Hydrotreated heavy paraffinic distillates CAS#64742-54-7, 15-20% NJTSRN 80100362-5012P, 15-20% NJTSRN 80100362-5013P, 1-5% Graphite CAS#7782-42-5, 1-5% Aluminum CAS#7429-90-5, 0.5-1% NJTSRN 80100362-5018P	0.0	Y
Mold Storage (Cabinet #2)	Dynatex silicone compound	16 oz tube	Used	25-55% Calcium carbonate CAS#1317-65-3, 10-30% Proprietary non-haz plasticizer, 10-30% Proprietary non-haz polymer, >3% Vinyltrimethoxysilane CAS#2768-02-7, >3% n-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane CAS#1760-24-3	0.0	Y
Mold Storage (Cabinet #2)	Lubriplate No. 1242	411 g	2 used	55-60% Heavy hydrotreated naphthenic distillates (petroleum) CAS#64742-52-5, 10-15% Residual oils (petroleum), solvent dewaxed CAS#64742-62-7, 10-15% Polybutene CAS#9003-29-6, 5-10% Lithium hydroxystearate CAS#7620-77-1, 0-5% Zinc oxide CAS#1314-13-2, 0-5% Proprietary additive package	0.0	Y
Mold Storage (Cabinet #2)	Chevron Delo® Grease EP NLGI 2	14 oz	Used	60-99% Highly refined mineral oil Mixture, 1-5% Zinc dialkyldithiophosphate CAS#68649-42-3	0.0	Y
Mold Storage (Cabinet #2)	Kano KROIL	12 oz can	1 used	30-50% Severely hydrotreated petroleum distillates CAS#64742-52-5, 30-50% Light Petroleum Distillates CAS#64742-95-6/64742-88-7/64742-47-8, 5-15% proprietary ingredients, 1-5% Aliphatic alcohols CAS# 78-92-2/123-42-2, 1-5% Glycol ether CAS#111-76-2	0.0	Y
Mold Storage (Cabinet #2)	Old Bull Mold Grease	8 lbs	Used	70-90% Decene homopolymer CAS#68037-01-4, 5-25%	0.0	Y

				Organophillic clay CAS#68953-58-2,0.1-10% Polytetrafluoroethylene CAS#9002-84-0,0.1-10% Methylene bis dithiocarbonate CAS#10254-57-6, 0.1-10% Zinc oxide CAS#1314-13-2		
Mold Storage (Cabinet #2)	Slide Bulk Super Grease 43900	35 lbs	New	80-90% Base Fluid, 1-5% Teflon, 5-10% Fumed Silica	0.0	Y
Mold Storage (Cabinet #2)	Tri-Cool MD-1	1 gallon	Used	None - vegetable oil based lubricant	0.0	Y
Mold Storage (Cabinet #2)	Mobil Vactra Oil No.2	2, 1 gal jugs	1 new, 1 used	No reportable hazardous or complex substances.	0.0	Y
Molding Facility	PPE copper flake anti-seize thread compound	3 oz tubs	2 new	50-60% Petroleum oil CAS#64741-96-4, 5-10% Copper powder CAS#7440-50-8, 1-5% Graphite powder CAS#7782-42-5, 0.5-47% Proprietary compounds	0.0	Y
Mold Storage (Cabinet #2)	Isopropyl Alcohol	10 gallon tank	Used	100% Isopropyl Alcohol	0.0	Y
Mold Storage (Cabinet #2)	MBB Biodegradable Bulk Mold Cleaner	2, 5 gallon	1 new, 1 used	100% D-Limonene	0.0	Y
Mold Storage (Cabinet #2)	WD-40	5 gallon	New	45-50% Aliphatic Hydrocarbon, < 25% Petroleum Based Oil, 12-18% LVP Aliphatic Hydrocarbon, 2-3% Carbon Dioxide, < 2% Surfactant, < 10% Non-Hazardous ingredients	0.0	Y
Mold Storage (Cabinet #2)	PHARMCO-AAPER Reagent alcohol 190 proof	5 gallon	New	84% Ethanol CAS#64-17-5, 4.6% Isopropanol CAS#67-63-0, 4.4% Methanol CAS#67-56-1, 6.9% Water	0.0	Y
Mold Storage (Cabinet #2)	Acetone	5 gallon	Used	100% Acetone	0.0	Y
Mold Storage (Cabinet #3)	CH Air Tool Oil	15 fl oz	Used	93-97% Hydrotreated light naphthenic distillates, 1-5% Solvent-refined heavy naphthenic distillates, < 1% Zinc, dithiophosphate di-C1-14-alkyl esters	0.0	Y
Mold Storage (Cabinet #3)	Propane	2 canisters	Used	100% Propane	0.0	N
Mold Storage (Cart)	J-B Weld	2, 10 oz tubs	New	5-10% Fatty Acids C18 dimers reaction products with polyethylenepolyamines, 5-10% Iron, 10-30% Limestone, 10-30% Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis, homopolymer, 1-5% formaldehyde, polymer with benzenamine, hydrogenated, 1-5% phenol polymer with formaldehyde, glycidyl ether,	0.0	Y

				0.1-1% Titanium oxide		
Mold Storage (Cart)	3-IN-ONE Multi-Purpose Oil	3 fl oz	Used	>97% Severely Hydrotreated Heavy Naphthenic Oil CAS#64742-52-5, <3% Non-Hazardous Ingredients, <2% Naphtha, petroleum CAS#64742-47-8	0.0	Y
Mold Storage (Cart)	Loctite Color Guard Primer Tough Rubber Coating	14.5 oz can	Used	30-60% Xylenes CAS#1330-20-7, 10-30% Acetone CAS#67-64-1, 10-30% Methyl ethyl ketone CAS#78-93-3, 5-10% Naphtha CAS#8030-30-6, 1-5% n-Hexane CAS#110-54-3, 1-5% Titanium dioxide CAS#13463-67-7, 1-5% Carbon black CAS#1333-86-4, 1-5% Silica, amorphous, fumed, crystal-free CAS#112945-52-5	0.0	Y
Mold Storage (Cart)	Chesterton 690 FG Lubricant	14 oz can	Used	5-10% Propane	0.0	Y
Mold Storage (Cart)	Lubriplate 1200-2	13 oz can	Used	40-45% Residual oils (petroleum), solvent dewaxed, 35-40% Heavy hydrotreated naphthenic distillates (petroleum), 5-10% Zinc oxide, 5-10% 12 hydroxy stearic acid, 0-2% Antimony 0,0-diprophylphosphorodithionate, 0-2% Inedible animal grease, 0-2% Lithium hydroxide monohydrate, 0-1% Butyl zimate, 0-1% Hydroxyalkyl carboxylic acid, 0-1% Methacrylate copolymer	0.0	Y
Mold Storage (Cart)	CRC Contact cleaner 2000	13 oz can	Used	80-95% COzol 401, 5-15% Decafluoropentane (HFC-43-10mee), 3-8% Carbon dioxide	0.0	N
Mold Storage (Cart)	Slipkote Moly Paste	4 oz tube	Used	NO MSDS Available	0.0	N
Mold Storage (Cart)	Super Blue Silicone type 613	3 oz	1 used	5-15% Amorphous Silica	0.0	N
Mold Storage (Cart)	FasSeal-ATS, anaerobic pipe sealant	50 mL	1 used	40-60% Methacrylate ester, 20-30% Polymeric plasticizer, 10-20% Cellulose ester, 1-10% Polytetrafluoroethylene, 1-3% Cumene hydroperoxide, 1-5% Titanium dioxide, 1-3% Saccharin	0.0	Y
Mold Storage (Cart)	Dykem Steel Blue	0.55 oz tube	Used	30-50% Butyl Acetate, 20-50% Ethanol, 10-20% Butanol, 1-10% Nitocellulose, 10-20% n-Propyl Acetate, 1-10% Isopropanol, 1-5% Diacetone Alcohol, 1-5% C.I. Solvent Red 160, < 1% Malachite Green, <1% Methyl Violet, < 1% C.I. Solvent Yellow 42, < 1% C.I. Solvent Orange 23, C.I. Solvent Black 13	0.0	Y

Mold Storage (Cart)	2243 Die Spotting Ink	1.5 oz	Used	20% Nonylphenol Ethoxylate	0.0	Y
Mold Storage (Cart)	INFRA-KOTE Heat Transfer Compound	2 oz jar	Used	20-50% Petroleum Grease CAS#64742-62-7, 10-25% Graphite CAS#7782-42-5, 5-25% Copper CAS#7440-50-8, 0.1-10% Aluminum CAS#7429-90-5, 0.1-10% Corrosion Inhibitor (no Nitrates)	0.0	Y
Mold Storage (Cart)	DAP Kwik Seal Plus® with Microban - Clear	5.5 fl oz	Used	0.1-1% Styrene CAS#100-42-5, 0.1-1% Ethylene glycol CAS#107-21-1, 0.1-1% Formaldehyde CAS#50-00-0	0.0	Y
Mold Storage (Cart)	Parker Super O-Lube	2 oz tubes	Used	None Present	0.0	Y
Mold Storage (Cart)	Slide Bulk Super Grease 43900	2, 10 grams	Used	80-90% Base Fluid, 1-5% Teflon, 5-10% Fumed Silica	0.0	Y
Mold Storage (Cart)	Blue Magic metal polish cream	7 oz	1 used	25-35% Aluminum oxide CAS#1344-28-1, 15-25% Kerosene CAS#8008-20-6, 3-10% Fatty acid CAS#61790-12-3, 1-5% Ammonium hydroxide CAS#7664-41-7	0.0	Y
Mold Storage (Cart)	Slide on/cycle mold cleaner	0.25	Used	30-40% Natural turpene CAS#5989-27-5, 25-30% Isopropanol CAS#67-63-0, 22-32% Aliphatic hydrocarbon CAS#64742-48-9, 8-12% Propane CAS#74-98-6	0.0	Y
Mold Storage (Cart)	Permatex Threadlocker Red Gel	0.35 oz	Used	60-80% Polyglycol Dimethacrylate CAS#25852-47-5, 20-40% Polyester Resin, <3% Dimethylbenzyl Hydroperoxide CAS#80-15-9	0.0	N
Mold Storage (Cart)	Loctite® 567™ PST® Pipe Sealant with PTFE Thread Sealant Part NO. 56747	4 fl oz	Used	30-60% Bisphenol A fumarate resin CAS#39382-25-7, 10-30% Polyglycol dimethacrylate CAS#25852-47-5, 10-30% Polyglycol laurate CAS#9004-81-3, 10-30% Polyethylene glycol monococoate CAS#61791-29-5, 5-10% Ethene, tetrafluoro-, homopolymer CAS#9002-84-0, 1-5% Titanium dioxide CAS#13463-67-7, 1-5% Silica, amorphous, fumed, crystal-free CAS#112945-52-5, 1-5% Saccharin CAS#81-07-2, 1-5% Epichlorohydrin-4,4'-isopropylidene diphenol resin CAS#25068-38-6, 0.1-1% Ethylene glycol CAS#107-21-1, 0.1-1% Cumene CAS#98-82-8	0.0	Y
Mold Storage (Cart)	Happich Simichrome polish	1.76 oz	Used	27% Aluminum oxide, 13% Ammonium oleate, 11% Kerosene, 11% white spirit (without turpentine), <1%	0.0	Y

				glycine, trace iron oxide		
Mold Storage (Cart)	Gorilla Epoxy Resin	0.85 fl oz	New	80-90% Epoxy Resin CAS#25068-38-6, 5-15% Modified Epoxy Resin, 5-15% Alkyl Glycidyl Ether CAS#68609-97-2	1.9-2.4	Y
Mold Storage (Cart)	Loctite Epoxy Resin	0.47 fl oz	New	100% Reaction product of epichlorohydrin & bisphenol A	0.0	Y
Mold Storage	Speedball 2000 Heavy Duty Cleaner	2 spray bottles (750 mL)	Used	1-5% Monoethanolamine, 1-5% Diethylene glycol monoethyl ether, Benzyl alcohol 1-5%	0.0	Y
Mold Machine Repair Shop	Isopropyl Alcohol	2 spray bottles	Used	100% Isopropyl Alcohol	0.0	Y
Mold Machine Repair Shop	Acetone	2 spray bottles	Used	100% Acetone	0.0	N
Mold Machine Repair Shop	Accu-Lube #10 Perfect Tapping Oil	2	Used	Not Applicable	0.0	N
Mold Machine Repair Shop	TAP Magic Cutting Fluid	2, 4 oz	Used	Petroleum Distillate (Aliphatic 90%/Aromatic 10%) CAS #8008-20-6: max 60%, methyl laurate CAS #111-82-0: max 40%, vegetable oil, essential CAS #8007-80-5: max 10%	0.0	N
Mold Machine Repair Shop	GOJO Skin Lotion	5 fl oz	Used	No Hazardous Materials Present	0.0	N
Mold Machine Repair Shop	Slide "PC" Polish Cleaner Compound	3, 10 fl oz	Used	5-70% Water, 2-5% Oxalic Acid, 30-35% Silica, 2-5% Ammonium Hydroxide, 2-5% Isopropanol, 2-5% Oleic Acid	0.0	Y
Mold Machine Repair Shop	Dykem Steel Blue	3, 8 fl oz	New	0-50% Butyl Acetate, 20-50% Ethanol, 10-20% Butanol, 1- 10% Nitocellulose, 10-20% n- Propyl Acetate, 1-10% Isopropanol, 1-5% Diacetone Alcohol, 1-5% C.I. Solvent Red 160, < 1% Malachite Green, <1% Methyl Violet, < 1% C.I. Solvent Yellow 42, < 1% C.I. Solvent Orange 23, C.I. Solvent Black 13	0.0	Y
Mold Machine Repair Shop (Cart)	WD-40	2, 18 oz	Used	45-50% Aliphatic Hydrocarbon, < 25% Petroleum Based Oil, 12- 18% LVP Aliphatic Hydrocarbon, 2-3% Carbon Dioxide, < 2% Surfactant, < 10% Non-Hazardous ingredients	0.0	Y
Mold Machine Repair Shop (Cart)	Dykem remover cleaner	12 oz	Used	13-30% Butyl Acetate, 71-90% Ethanol, 1-5% Isopropanol, 1- 5% Propyl Acetate	0.0	Y
Mold Machine Repair Shop (Cart)	Kano SiliKroil	16.5 oz	Used	30-50% Petroleum based oil, 1- 10% Aliphatic Petroleum Distillates, 1-10% Petroleum Solvent, 1-10% Proprietary mixture, 20-40% Petroleum Naptha, 1-10% Hydrocarbon Solvent, 1-10% Silicone	0.0	N

Mold Machine Repair Shop (Cart)	Chesterton 390 Cutting Oil	14.4 fl oz can	Used	75-85% Distillates (Petroleum), Hydrotreated Naphthenic, 5-10% Petroleum gasses	0.0	N
Mold Machine Repair Shop (Cart)	Parker Super O-Lube	2 oz tubes	Used	None Present	0.0	Y
Mold Machine Repair Shop (Cart)	Purell Hand sanitizer	8 fl oz	Used	62% Ethyl Alcohol CAS#64-17-5, <5% Isopropanol CAS#67-63-0	0.0	Y
Mold Machine Repair Shop (Cart)	CH H-D Plus Air Tool Oil	8 fl oz	Used	95-99% Hydrotreated Heavy Paraffinic Petroleum Distillates, 1-5% Additives	0.0	N
Mold Machine Repair Shop (Cart)	Stoner Xenit foaming cleaner	4 oz	Used	Water, Hydrocarbon propellant CAS#68-476-86-8, NJTSRN 80100382-5094P	0.0	N
Mold Machine Repair Shop	GOJO Fast wipes	Large tub, 225 wipes	Used	Alcohol CAS#64-17-5	0.0	N
Mold Machine Repair Shop	Slide on/cycle mold cleaner	2, 12 oz	Used	30-40% Natural turpene CAS#5989-27-5, 25-30% Isopropanol CAS#67-63-0, 22-32% Aliphatic hydrocarbon CAS#64742-48-9, 8-12% Propane CAS#74-98-6	0.0	Y
Mold Machine Repair Shop	Sicomet – D bond	2 fl oz	Used	100% Nitromethane CAS#75-52-5	0.0	Y
Mold Machine Repair Shop	Dymon Scrubs Hand Cleaner Towels	72 towels	Used	60-100% Water, 5-13% D-Limonene, 1-5% Ethoxylated Alcohols, 1-5% Sodium Lauryl Sulfate	0.0	Y
Mold Machine Repair Shop	Argon - compressed gas	Large canister	Used	100% Argon CAS#7440-37-1	0.0	N
Mold Machine Repair Shop (Tool cabinet)	Loctite 609 Retaining Compound	10 mL	Used	60% Polyethylene glycol 200 dimethacrylate CAS#25852-47-5, 20% 2-Hydroxyethyl methacrylate CAS#868-77-9, 3% Cumene hydroperoxide CAS#80-15-9, 1% Cumene CAS#98-82-8	0.0	Y
Mold Machine Repair Shop (Tool cabinet)	Loctite 569 Retaining Compound	1.2 fl oz	Used	60% Polyethylene glycol 200 dimethacrylate CAS#25852-47-5, 20% 2-Hydroxyethyl methacrylate CAS#868-77-9, 3% Cumene hydroperoxide CAS#80-15-9, 1% Cumene CAS#98-82-8	0.0	Y
Mold Machine Repair Shop (Tool cabinet)	White Lithium Grease	3 oz	Used	85% Mineral oil, 5% Titanium Dioxide CAS#13463-67-7, 5% Zinc Oxide CAS#1314-13-2	0.0	Y
Mold Machine Repair Shop (Tool cabinet)	Thermo – trap heat absorbing paste	11 oz	Used	No information available	0.0	Y
Mold Machine Repair Shop (Tool cabinet)	PPE copper flake anti-seize thread compound	3 oz	Used	50-60% Petroleum oil CAS#64741-96-4, 5-10% Copper powder CAS#7440-50-8, 1-5% Graphite powder CAS#7782-42-5, 0.5-47% Proprietary compounds	0.0	Y
Mold Machine	Clover Lapping	6, 16 oz	Used	30-60% Distillates (petroleum),	0.0	Y

Repair Shop (Tool cabinet)	Compound	canisters		hydrotreated heavy naphthenic CAS#64742-52-5, 30-60% Silicon carbide CAS#409-21-2, 10-30% Tallow, calcium salt CAS#68309-87-5, 0-0.1% Quartz CAS#14808-60-7, 0-0.1% Aluminum CAS#7429-90-5, 0-0.1% Iron CAS#7439-89-6, 0-0.1% Silicon CAS#7440-21-3, 0-0.1% Carbon CAS#7440-44-0		
Mold Machine Repair Shop (Tool cabinet)	Meguiar's Mirror Glaze	3.8 fl oz	1 new, 2 used	20-30% Heavy Alkalyte Naphtha CAS#64741-65-7, 15-25% Polymer Wax Blend, 10-20% Light Distillite CAS#64742-14-9, 10-20% Turpentine #CAS9005-60-7, 10-15% Parrafin Clay CAS#64742-43-4, 5-10% Polysiloxane CAS#63148-62-9	0.0	Y
Mold Machine Repair Shop (Tool cabinet)	Gesswein Stoning Oil	2 oz	Used	100% Petroleum distillates hydrotreated middle	0.0	Y
Mold Main Area (Cart)	Slide white rhino rust preventive	10 oz	Used	50-60% Heptane CAS#00142-82-5, 20-30% Proprietary rust preventive, 10-20% Propane CAS#74-98-6, 5-10% n-Butane CAS#106-97-8, 4-8% Isobutane CAS#75-28-5	3.4	Y
Mold Main Area (Cart)	Blue Magic metal polish cream	7 oz	Used	25-35% Aluminum oxide CAS#1344-28-1, 15-25% Kerosene CAS#8008-20-6, 3-10% Fatty acid CAS#61790-12-3, 1-5% Ammonium hydroxide CAS#7664-41-7	0.0	N
Mold Main Area (Cart)	LPS premium nickel anti-seize	½ lb	Used	45-65% Petroleum distillates (hydrotreated heavy naphthenic) CAS#64742-52-5, 15-25% Nickel (metallic) CAS#7440-02-0, 5-20% Residual oils CAS#64742-57-0	0.0	Y
Mold Main Area (Cart)	Old Bull Mold Grease	2 oz	Used	70-90% Decene homopolymer CAS#68037-01-4, 5-25% Organophillic clay CAS#68953-58-2, 0.1-10% Polytetrafluoroethylene CAS#9002-84-0, 0.1-10% Methylene bis dithiocarbonate CAS#10254-57-6, 0.1-10% Zinc oxide CAS#1314-13-2	0.0	Y
Mold Main Area (Cart)	Slide "PC" Polish Cleaner Compound	10 fl oz	Used	5-70% Water, 2-5% Oxalic Acid, 30-35% Silica, 2-5% Ammonium Hydroxide, 2-5% Isopropanol, 2-5% Oleic Acid	0.0	Y
Mold Main Area (Cart)	Parker Super O-Lube	2 oz	Used	None Present	0.0	Y
Mold Main Area (Cart)	FasSeal-ATS, anaerobic pipe sealant	50 mL	Used	40-60% Methacrylate ester, 20-30% Polymeric plasticizer, 10-20% Cellulose ester, 1-10%	0.0	Y

				Polytetrafluoroethylene, 1-3% Cumene hydroperoxide, 1-5% Titanium dioxide, 1-3% Saccharin		
Molding Machine Shop (Cart)	TAP Magic Cutting Fluid	4 oz	Used	Petroleum Distillate (Aliphatic 90%/Aromatic 10%) CAS #8008-20-6: max 60%, methyl laurate CAS #111-82-0: max 40%, vegetable oil, essential CAS #8007-80-5: max 10%	0.0	Y
Molding Machine Shop (Cart)	Accu-Lube #10 Perfect Tapping Oil	4 oz	Used	Not Applicable	0.0	Y
Molding Machine Shop (Cart)	Slide "PC" Polish Cleaner Compound	10 fl oz	Used	5-70% Water, 2-5% Oxalic Acid, 30-35% Silica, 2-5% Ammonium Hydroxide, 2-5% Isopropanol, 2-5% Oleic Acid	0.0	Y
Molding Machine Shop (Cart)	Viking Pneumatic Oil	4 fl oz	Used	90-99% Hydrotreated Heavy Paraffinic Distillate, 1-3% Proprietary Additives	0.0	Y
Molding Machine Shop (Cart)	Tri-Cool MD-1	8 oz	Used	None - vegetable oil based lubricant	0.0	Y
Mold Main Area	Slide "PC" Polish Cleaner Compound	10 fl oz	Used	5-70% Water, 2-5% Oxalic Acid, 30-35% Silica, 2-5% Ammonium Hydroxide, 2-5% Isopropanol, 2-5% Oleic Acid	0.0	Y
Mold Main Area	Unlabeled cutting oil	3 oz squirt bottle	Used	No MSDS Available	0.0	Y
Mold Main Area (Cart)	Tempco High Temperature Grease	4 oz	Used	80-90% Base fluid, 1-5% Teflon, 5-10% Fumed silica	0.0	Y
Mold Main Area (Table)	Alcohol	3 Spray bottles	Used		1.8	Y
Mold Main Area (Table)	Tempco High Temperature Grease	2 oz jar	Used	80-90% Base fluid, 1-5% Teflon, 5-10% Fumed silica	0.0	Y
Mold Main Area (Cart)	Isopropyl Alcohol	Squirt bottle	Used	100% Isopropyl Alcohol	5.4	Y
Mold Main Area (Cart)	Burn Spray Xpect	2 fl oz	Used	2% Lidocaine Hydrochloride CAS#6108-05-0	0.0	
Mold Main Area (Cart)	WD-40	Spray bottle	Used	45-50% Aliphatic Hydrocarbon, < 25% Petroleum Based Oil, 12-18% LVP Aliphatic Hydrocarbon, 2-3% Carbon Dioxide, < 2% Surfactant, < 10% Non-Hazardous ingredients	0.0	Y
Molding Facility	Speedball 2000 Heavy Duty Cleaner	1.25 gallon jug and 3 spray bottles	Used	1-5% Monoethanolamine, 1-5% Diethylene glycol monoethyl ether, Benzyl alcohol 1-5%	0.0	Y
Molding Facility	Stoner Xenit foaming cleaner	10 oz	Used	Water, Hydrocarbon propellant CAS#68-476-86-8, NJTSRN 80100382-5094P	0.0	Y
Molding Facility	99% Isopropyl alcohol	Small bottle	Used	99% Isopropyl alcohol	0.0	N
Molding Facility	PPE copper flake	8 oz	Used	50-60% Petroleum oil	0.0	Y

(Cart)	anti-seize thread compound			CAS#64741-96-4, 5-10% Copper powder CAS#7440-50-8, 1-5% Graphite powder CAS#7782-42-5, 0.5-47% Proprietary compounds		
Molding Facility (Cart)	Blue Magic metal polish cream	7 oz	Used	25-35% Aluminum oxide CAS#1344-28-1, 15-25% Kerosene CAS#8008-20-6, 3-10% Fatty acid CAS#61790-12-3, 1-5% Ammonium hydroxide CAS#7664-41-7	0.0	Y
Molding Facility (Cart)	Blue Magic metal polish cream	35 oz tube	Used	25-35% Aluminum oxide CAS#1344-28-1, 15-25% Kerosene CAS#8008-20-6, 3-10% Fatty acid CAS#61790-12-3, 1-5% Ammonium hydroxide CAS#7664-41-7	0.0	Y
Molding Facility (Cart)	Dynatex silicone compound	16 oz tube	Used	25-55% Calcium carbonate CAS#1317-65-3, 10-30% Proprietary non-haz plasticizer, 10-30% Proprietary non-haz polymer, >3% Vinyltrimethoxysilane CAS#2768-02-7, >3% n-beta- (aminoethyl)-gamma- aminopropyltrimethoxysilane CAS#1760-24-3	0.0	Y
Molding Facility (Cart)	Slide E-S Regular Silicone Mold Release	11.5 oz	Used	15-25% Petroleum distillate, 5-10% N-Butane, 4-8% Isobutane, 10-20% Propane	0.0	Y
Molding Facility (Cart)	Stoner Xenit foaming cleaner	12 oz	Used	Water, Hydrocarbon propellant CAS#68-476-86-8, NJTSRN 80100382-5094P	0.0	Y
Molding Facility (Cart)	Propane	3 Small tanks	Used	100% Propane	0.0	N
Molding Facility (Cart)	Slide "PC" Polish Cleaner Compound	10 fl oz	Used	5-70% Water, 2-5% Oxalic Acid, 30-35% Silica, 2-5% Ammonium Hydroxide, 2-5% Isopropanol, 2-5% Oleic Acid	0.0	Y
Molding Facility (Cart)	The Reliable 1 Super Spray Cleaner	8 fl oz	Used	<0.20% Caustic Soda CAS#1310-73-2, <1% Sodium mets Silicate CAS#6834-92-0, <5% Ethylene Glycol Butyl Ether CAS#111-76-2	0.0	Y
Molding Facility (Cart)	Slide E-S Regular Silicone Mold Release	11.5 oz	Used	15-25% Petroleum distillate, 5-10% N-Butane, 4-8% Isobutane, 10-20% Propane	0.0	Y
Molding Facility (Cart)	Tempco High Temperature Grease	4 oz	Used	80-90% Base fluid, 1-5% Teflon, 5-10% Fumed silica	0.0	Y
Molding Facility (Cart)	Slide E-S Regular Silicone Mold Release	8 fl oz	Used	15-25% Petroleum distillate, 5-10% N-Butane, 4-8% Isobutane, 10-20% Propane	0.0	Y
Molding Facility (Cart)	Blue Magic metal polish cream	3.5 oz	Used	25-35% Aluminum oxide CAS#1344-28-1, 15-25% Kerosene CAS#8008-20-6, 3-10% Fatty acid	0.0	Y

				CAS#61790-12-3, 1-5% Ammonium hydroxide CAS#7664-41-7		
Molding/Cable Wire Raw Material Storage	Dust-Off Anti-Static Monitor Wipes	80 wipes	Used	1% Isopropyl Alcohol CAS#67-63-0	0.0	N
Molding/Cable Wire Raw Material Storage	Marabu Tampapur black ink / primer paint (#980)	26 cans (1 lt)	Contained in box	5-15% Xylene CAS#1330-20-7, 1-15% Solvent naphtha (petroleum), light aromatic CAS #64742-95-6, 1-10% n-Butyl acetate CAS#123-86-4, 1-10% Butyl glycolate CAS#7397-62-8, 1-5% Ethylbenzene CAS#100-41-4	0.0	Y
Molding/Cable Wire Raw Material Storage	CYTEC Easy proxy	56 tubes, 5938 lbs	New	15-40% Silica, quartz CAS#14808-60-7, 1-5% o-Cresol Glycidyl Ether CAS#2210-79-9	0.0	Y
Warehouse Area J	Weiman Instrument Lubricant	5, 1 gallon jugs	New	None Present	0.0	Y
Warehouse Area J	Timberwolf Waterless Hand Cleaner	128 fl oz	Used	>50% C9-12 Isoparaffin CAS#64741-65-7	0.0	Y
Warehouse Area J	EXPO dry erase board cleaner	2, 8 fl oz	New	Water, Isopropyl Alcohol CAS#67-63-0, Ethylene Glycol Monobutyl Ether CAS#111-76-2	0.0	Y
Warehouse Area J	Branson Cleaner IS Series	3, 1 quart jars	New	<7% 2-Butoxyethanol CAS#111-76-2, <7% Sodium Metasilicate CAS#6834-92-0	0.0	Y
Warehouse Area J	Transtech Thinner VD	1 quart	New	<30% Aromatic Hydrocarbons CAS#64742-95-6, 20-30% Cyclohexanone CAS#108-94-1, 15-20% N-Butyl Acetate CAS#123-86-4, 10-15% 1-Methoxy-2-Propanolacetate CAS#108-65-6, 10-15% 1,2,4-Trimethyl Benzene CAS#95-63-6, <4% Xylenes CAS#1330-20-7	0.0	Y

Bold indicates a product containing one or more compounds analyzed in the VI samples.