Revitalizing Auto Communities
Environmental Response Trust

September 24, 2014

Mr. Robert Edwards
New York State Department of Environmental Conservation
Remedial Bureau D
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: RACER Trust – Former Syracuse IFG Facility and Deferred Media (Registry #7-34-057) Site – Vapor Intrusion Mitigation IRM Completion Report

Dear Mr. Edwards:

Attached please find the Vapor Intrusion Mitigation IRM Completion Report for the Former Syracuse IFG Facility and Deferred Media Site in Syracuse, New York. This report summarizes the installation of a sub-slab depressurization system at the Former IFG Facility, presents monitoring data on the system performance, and provides recommendations based on those data.

Please contact me at (201) 247 – 4890 should you have any questions or require further information.

Sincerely,

Brendan Mullen, P.E.
Cleanup Manager, NY

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COMPLETION REPORT

Vapor Intrusion Mitigation IRM
Former IFG Facility and Deferred Media Site
Syracuse, New York



September 2014

O'BRIEN & GERE

15388 | 51661

Vapor Intrusion Mitigation IRM

Former IFG Facility and Deferred Media Site
Syracuse, New York

Prepared for:

Revitalizing Auto Communities Environmental Response Trust

DOUGLAS M. CRAWFORD, P.E., VICE PRESIDENT
O'Brien & Gere Engineers, Inc.

TABLE OF CONTENTS

Tables ..... **i**
Figures ..... **i**
Appendices ..... **ii**
1.0 Introduction 1
1.1 Objective 1
1.2 Site Background 1
1.3 Summary of Pre-Design Activities 2
2.0 Basis of Design for Phase I VI IRM 2
2.1 System I 3
2.2 System II 3
3.0 Installation of Phase I IRM 3
3.1 Summary of System I Installation 3
3.2 Summary of System II Installation 4
3.3 Construction Debris and Water Disposal 4
4.0 Commissioning and Testing 4
4.1 System Commissioning 4
4.2 Communication Testing 5
4.3 Emission and Indoor Air Testing 5
4.4 2014 Indoor Air Testing 5
5.0 Conclusions and Recommendations 5
References 7

TABLES

Table 1: Post-SSDS Indoor Air Results - 2012

Table 2: Post-SSDS Indoor Air Results - 2014

FIGURES

Figure 1: Site Location

Figure 2. Pre-SSDS Operation Indoor Air Results

Figure 3: Communication Test Locations

Figure 4. Post-SSDS (2012 and 2014) Indoor Air Results

APPENDICES (ON CD)

Appendix A: Photo Log

Appendix B: As-Built Construction Drawings

Appendix C: Debris Reuse

Appendix D: Commissioning Reports

Appendix E: Air Modeling Evaluation Memo

Appendix F. 2012 Post-SSDS Indoor Air Sampling Data Package

Appendix G. 2014 Post-SSDS Indoor Air Sampling Data Package

1.0 INTRODUCTION

This report summarizes the installation of a sub-slab depressurization systems (SSDS) at the Former Inland Fisher Guide Site in Syracuse, NY (Figure 1). The installation of this system occurred as an Interim Remedial Measure (IRM) in 2011. The scope of the IRM was described in the *Revised Vapor Intrusion Mitigation IRM Work Plan for the Former IFG Facility* (O'Brien & Gere 2010a) and the subsequent *Addendum* dated August 16, 2010 (BOW Environmental Solutions 2010) which were approved by the New York State Department of Environmental Conservation (NYSDEC) in its letter dated September 8, 2010 (NYSDEC 2010a). The IRM was constructed based on the *Vapor Intrusion Phase 1 Design* (O'Brien & Gere 2010b) which was approved by NYSDEC in its letter of October 27, 2010 (NYSDEC 2010b).

1.1 OBJECTIVE

The objective of the SSDS IRM was to mitigate sub-slab vapor intrusion to the extent that indoor air concentrations of the site-specific constituents of concern (COC) are reduced below the corresponding guideline values in Table 3.1 contained in the New York State Department of Health (NYSDOH) *FINAL Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYS VI Guidance). The primary COCs for this project are Trichloroethene (TCE), 1,1,1-trichloroethane (TCA) and Tetrachloroethene (PCE). The indoor air guideline values derived by the NYSDOH for TCE and PCE (TCA does not have a guideline value) are as follows:

- TCE in excess of 5 µg/m^3
- PCE in excess of 100 µg/m^3

1.2 SITE BACKGROUND

The Former IFG Facility is classified as a Class 2 site on the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites (Site No. 7-34-057). The former owner (General Motors (GM)) and NYSDEC entered into an Administrative Order on Consent (Index #D-7-0001-97-06; Order) on September 25, 1997 for the development and implementation of a Remedial Investigation/Feasibility Study (RI/FS). The current owner of the facility is Revitalizing Auto Communities Environmental Response (RACER) Trust.

The facility has been redeveloped for tenant use. To date, various tenants occupy space in the main Manufacturing Building. These tenants perform light industrial, packaging and warehousing activities. The former Administration Building is currently used for office space for various tenants.

A Preliminary RI/FS Report that summarized environmental conditions based on historical data collected for the Site was submitted to NYSDEC, consistent with the requirements of the Order, on October 24, 1997. Following the collection of additional environmental data, a Supplemental RI Report (O'Brien & Gere 2000) for the site was submitted to NYSDEC on April 20, 2000. In 2005, NYSDEC requested the investigation of the potential existence and extent of soil gas associated with ground water containing COCs. Since 2005, three rounds of sub-slab vapor and indoor air investigations have been implemented in March 2006, March 2007 and October 2009. The analytical results for TCE, TCA and PCE from these sampling events are summarized on Figure 2. Indoor air concentrations for TCE, for instance, averaged approximately 40 µg/m^3 (based on 28 individual measurements).

Comparison of these data to the NYS VI Guidance indicates that:

- TCE concentrations in some samples of indoor air were greater than 5 ug/m3, and
- TCE concentrations in some sub-slab vapor samples were greater than 250 ug/m3.

In addition to sampling performed in the Manufacturing Building, the following activities have been conducted in connection with potential vapor intrusion conditions at the facility:

- 2006 Building Survey. This effort focused on the condition of the building envelope and interior walls, and concluded that interior air spaces are in constant communication.
- 2006 Fact Sheet provided to building tenants. This fact sheet notified tenants of on-going vapor intrusion investigation and provided 2006 sub-slab vapor and indoor air sampling results (O'Brien & Gere 2006a).
- 2007 Floor Sealing Activities. This effort resulted in the sealing of drain holes in the facility floor and the sealing of sump covers.
- 2008 Diagnostic Sub-Slab Communication Tests. This effort resulted in the completion of sub-slab communication testing in unoccupied spaces over approximately 20% to 25% of the building footprint, and provided communication information beneath for the majority of the Manufacturing Building.
- Discovery of a source of PCE use within the northwest portion of the building in 2008. The tenant, located in the northwest wing of the building, was found to be using a PCE-containing product in its processes. Documentation of PCE use by this tenant was provided to NYSDEC in GM's letter of March 11, 2008 regarding 2008 Vapor Intrusion Evaluation (Hartnett 2008). This is relevant to indoor air testing data.
- 2007 and 2008 Risk Evaluations. The conclusion of these risk evaluations was that hazard indices and cancer risks for 1, 5, 10 and 25 year worker exposures were within USEPA's acceptable ranges.
- 2008 Vapor Intrusion Evaluation. This report summarized risk evaluations, sub-slab communication findings, and provided an evaluation of technologies to address vapor intrusion at the facility (O'Brien & Gere 2008).
- 2010 Fact Sheet provided to building tenants. This fact sheet notified tenants of the on-going vapor intrusion investigation and provided 2006, 2007 and 2009 sub-slab vapor and indoor air sampling results (O'Brien & Gere 2010c).

A *Vapor Intrusion Mitigation Interim Remedial Measure Work Plan* (O'Brien & Gere 2010a) was developed by O'Brien & Gere in June of 2010 that proposed the installation of VI mitigation measures as a two-phase approach consisting of the installation of a partial SSDS as a first phase (Phase I) with sub-slab communication and indoor air testing to evaluate impact on indoor air concentrations. The depressurization system would be expanded under a second phase of construction, if necessary, based on the communication and indoor air evaluation results following completion of the first phase.

1.3 SUMMARY OF PRE-DESIGN ACTIVITIES

Prior to design of the SSDS systems, O'Brien & Gere reviewed and evaluated available record drawings of the foundation and slab construction as well as sub-slab utilities in an effort to recommend the location of SSDS components. Historical record drawings revealed the presence of thick foundations (*e.g.*, former molder pads) and other subsurface features such as foundation walls, sumps and various sewers (*e.g.* sanitary, process, *etc*.).

2.0 BASIS OF DESIGN FOR PHASE I VI IRM

The Phase I VI IRM consisted of two SSDS that were designed to evaluate sub-slab depressurization using different installation methods. System I was installed by directional drilling and System II was installed by conventional trenching through the concrete floor slab. The directional drilling was viewed as the preferred installation method because it was less invasive and would result in reduced impact to existing tenant spaces and operations; however, the implementability due to sub-slab features, particularly molder pads, and other concrete obstructions was uncertain. Conventional trenching was included in Phase I because it was viewed as readily implementable, though more intrusive to existing tenants. Suction points with dedicated fans, as are typically implemented in residential and smaller spaces were viewed as readily implementable, but undesirable due to the limited installation locations (*e.g.,* at building columns) and large number of points required.

Phase II VI IRM design was deemed not necessary based on the post-Phase I VI IRM testing, as described in Section 4.

2.1 SYSTEM I

The following summarizes the design basis for System I:

- Located within facility bays F13 through F24
- 515 linear feet of directionally drilled suction piping
- 4-inch diameter slotted HDPE piping
- Fan: 195 cfm @ 34.6 inches of water column vacuum (static fan pressure)
- Anticipated distance of influence = 90-ft from pipe
- Exterior wall mounted fan with vertical exhaust pipe extending above roof line.

2.2 SYSTEM II

The following summarizes the design basis for System II:

- Located within facility bays E8 through E11
- Trenched suction piping through saw-cut floor slab
- Trench backfilled with combination of #1 and #2 washed stone.
- 4-inch diameter perforated PVC piping
- Fan: 94 cfm @1.04 inches of water column vacuum (static fan pressure)
- Anticipated distance of influence = 90-ft from pipe
- Roof mounted fan and roof exhaust.

3.0 INSTALLATION OF PHASE I IRM

Phase I systems were installed by O'Brien & Gere and subcontracted personnel between December 2010 and May 2011. Commissioning of the installed systems was completed in May and June, 2011. Appendix A includes photos from each installation. Spoils from construction were placed into a roll-off container for characterization prior to disposal.

As-built figures for the Systems I and II, summarized below, are included as Appendix B.

3.1 SUMMARY OF SYSTEM I INSTALLATION

A directional drilling subcontractor mobilized on February 18, 2011. O'Brien & Gere personnel saw cut and removed a 3.5 by 12 foot section of the existing concrete slab, as noted on the As-Built figures, and excavated the subgrade to a depth of 2.5-ft to serve as a launch pit for the horizontal boring. The launch pit was located approximately 215 feet from the western exterior wall as shown on the As-Builts. Installation of System I occurred as two directional drills: one approximately 300 feet, extending east from the launch pit, and one approximately 180 ft west from the launch pit to the rail dock. Directional drilling commenced eastward from the pit on February 24, 2011.

Sub-slab obstructions were encountered seven times. Of these, six were penetrated by changing drill heads and re-attempting the drill. Refusal of the drill was encountered on a foundation grade wall approximately 200 feet east of the launch pit which required an additional floor slab penetration to free the drill rod and remove a portion of the wall to allow the drill to pass. O'Brien & Gere personnel saw cut the slab and excavated the subgrade for access to allow for completion of the bore hole. Installation of the System I piping was completed in April, 2011 with 515-ft of slotted HDPE piping installed. The slab was removed from each end of the two bores where the 4-inch slotted HDPE piping was back pulled through the borehole for installation. The installed pipes from the two boring directions were joined by butt fusion and the floor penetrations were resealed with mixed stone comprising an equal mix of No. 1 and No. 2 Stone and concrete (with reinforcing bars) to grade. The concrete edges were sealed with polyurethane sealant.

O'Brien & Gere installed approximately 30 linear feet of solid wall 4-inch PVC piping through the rail dock fill to connect the HDPE piping to the fan, located beyond the western exterior wall.

The 4-inch exhaust piping was installed through the western wall by core drilling the existing masonry wall with the exhaust fan, filter and controls mounted outside on steel frame supports at grade. System I components comprise an All-Star Regenerative Blower Model RB8-805-3 fan and Soleburg Model CSL-335P-400 filter. System controls were installed in a weather tight enclosure mounted on the exterior building wall immediately to the left of the blower. Exhaust piping is supported vertically along the exterior building wall with a discharge above the roof line. The system is protected by bollards.

The System I installation was completed and operable, pending communication testing and commissioning, on May 10, 2011.

3.2 SUMMARY OF SYSTEM II INSTALLATION

O'Brien & Gere personnel commenced installation of the trenched system on December 2, 2010. The existing concrete slab was saw cut and removed by hoe ram to a length of 100 feet by approximately 30-inches in width. The sub grade was removed with a mini- excavator to establish a trench to a depth of 18-inches below the top of slab. An 8-inch diameter abandoned clay utility sewer was encountered during trench construction and was sealed prior to installation of the suction piping. Eight inches of mixed stone, comprising an equal mix of No. 1 and No. 2 crushed stone, was placed in the trench as bedding for the 4-inch perforated PVC pipe, which included a tee fitting and rolled vertical riser penetrating the slab for exhaust at the adjacent building support column. The pipe was installed and backfilled with mixed stone and the slab was resealed with concrete to match the existing concrete thickness of 3 inches. The remaining slab seams were sealed with GEOCELL 3300 polyurethane sealant.

The 4-inch exhaust piping was installed vertically along the adjoining building support column, as well as the appurtenant fittings and couplings for a supported run along the existing infrastructure to a roof penetration to the fan located above the roof. A 0.5 HP Cincinnati Fan Model HPA was installed on the roof. Controls were mounted in a weather tight cabinet affixed to a column adjacent to system.

The System II installation was completed and operable, pending communication testing and commissioning, on February 14, 2011.

3.3 CONSTRUCTION DEBRIS AND WATER DISPOSAL

A total of two roll-offs of construction debris, comprising concrete and sub-grade materials , and 350 gallons of construction water was generated during installations of the Phase I systems. Solid debris was analyzed for total polychlorinated biphenyls, volatile organic compounds and site-related metals (arsenic, chromium, copper, lead, nickel and zinc). These parameters did not exceed Part 375 commercial or industrial Soil Cleanup Criteria and debris reuse onsite was authorized by NYSDEC. Debris reuse forms, laboratory data and associated NYSDEC approvals are included as Appendix C.

Approximately 40 cubic yards of debris was reused as onsite fill in the area of the former bulk handling building track bed in the southeast property area. Construction water was discharged to the wet well of the on-site treatment system for treatment and discharge.

4.0 COMMISSIONING AND TESTING

Following installation of the SSDS, initial commissioning, sub-slab communication testing, indoor air sampling and emissions testing were completed. Each of these items is discussed in the following sections.

4.1 SYSTEM COMMISSIONING

Commissioning was done following completion of each system and served as the official system evaluation prior to being placed in service on a continuous basis. Commissioning Systems I and II occurred on June 22 and May 17, 2011, respectively. Commissioning reports are included in Appendix D.

4.2 COMMUNICATION TESTING

Following commissioning sub-slab communication was evaluated for each system. Communication was evaluated for each system individually as well as with both systems operating simultaneously.

Communication testing comprised drilling pilot holes in the slab along a grid pattern related to the depressurization systems and measuring the presence and magnitude of vacuum observed at that point. The slab was drilled with a small concrete bit impact drill and a manometer tube was placed into the hole exposing the manometer to the sub slab environment. The manometer tube was run through a rubber stopper thereby sealing the concrete pilot hole to the ambient air. Following measurement, the pilot holes were resealed with polyurethane caulk.

Post-construction communication testing was performed on May 10-11, 2011. Vacuum measurements and pilot hole locations are shown on Figure 3. Based on post-construction communication testing, the sub slab depressurization systems influence approximately 380,000 square feet, about 58% of the facility area.

4.3 EMISSION AND INDOOR AIR TESTING

Emissions. O'Brien & Gere evaluated the potential need for emission control utilizing SCREEN3 and AERMOD air dispersion modeling. Modeling was previously summarized and reported to NYSDEC in a letter dated September 28, 2011 (RACER 2011). This correspondence is included as Appendix E. Based on the modeling results, neither system was expected to result in ambient air concentrations in excess of NYSDEC DAR-1 modeling guidance thresholds. In addition, modeling results indicated that operation of both systems simultaneously was also expected to result in ambient air concentrations below the NTSDEC DAR-1 modeling guidance thresholds for on-site and off-site locations. Based on the modeling, system operation was initiated without emissions controls in October 2011.

Indoor Air. Consistent with the *Revised Vapor Intrusion Mitigation IRM Work Plan for the Former IFG Facility* (O'Brien & Gere 2010a), indoor air samples were collected after 45 days of continuous operation of each system. Seven indoor air samples and one outdoor ambient area sample were collected on March 15, 2012. The samples were collected as 24-hour samples using SUMMA canisters and submitted to TestAmerica for TO-15 low level volatile analysis. Indoor air results are presented in Table 1. Figure 4 summarizes the 2012 post SSDS indoor air concentrations. Post SSDS results indicate that indoor air concentrations are below the corresponding concentrations in Table 3.1 of NYSDOH's Final VI Guidance. Indoor air results were provided to NYSDEC and NYSDOH as part of the monthly progress report for the site. The air sample data package is included as Appendix F.

4.4 2014 INDOOR AIR TESTING

In December 2013, as part of baseline monitoring to establish long-term monitoring protocols, sub-slab communication testing was conducted in the vicinity of the SSDS. Results, summarized on Figure 3, indicated that communication testing results have changed since system start-up. Following discussions with NYSDEC, a round of indoor air sampling was conducted, as described below.

A total of nine indoor air samples and one ambient air sample were collected consistent with methods described in the *VI Investigation Work Plan* and subsequent addendum (O'Brien & Gere 2006, 2009) on March 26, 2014. The samples were collected as 24-hour samples using SUMMA canisters and submitted to TestAmerica for TO-15 low level volatile analysis. Indoor air results are presented in Table 2. Figure 4 summarizes the 2012 and 2014 post SSDS indoor air concentrations. Post SSDS results indicate that indoor air concentrations are below the corresponding concentrations in Table 3.1 of NYSDOH's October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH 2006). The air sample data package is included as Appendix G.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase I VI Mitigation IRM, consisting of two SSDS, was constructed in 2011 at the facility. Initial communication results indicated that the systems collectively provide depressurization of approximately 58% of the facility sub-slab. Air dispersion modeling conducted based on emission testing for the SSDS indicated that system operation without emissions controls is appropriate.

Since the SSDS installation, two rounds of indoor air sampling and one round of communication testing have been completed. Communication testing results in 2014 suggest that the combined systems provide depressurization to approximately 38% of the facility sub-slab (indicated on Figure 3). Indoor air results collected in 2012 and in 2014 at the facility show that indoor air concentrations are being maintained below the corresponding concentrations in Table 3.1 of the NYSDOH Final VI Guidance Average indoor air concentration of TCE, for instance, averaged approximately 1 µg/m^3 in March 2012 and 0.3 µg/m^3 in March 2014. Thus, the SSDS have reduced indoor air concentrations of TCE by approximately 98-99%.

These results indicated that the objective of the SSDS IRM, which was to reduce indoor air concentrations of TCE to levels below 5 µg/m^3 and indoor air concentrations of PCE to 100 µg/m^3 , has been met. Given these results, RACER recommends that a Phase II IRM is not necessary, and the Phase I VI Mitigation IRM be adopted as the VI Mitigation System for the facility.

Once NYSDEC concurs with this recommendation, RACER will complete an operation, maintenance and monitoring (OM&M) plan to document long-term system maintenance and monitoring procedures.

REFERENCES

BOW Environmental Solutions, Inc. 2010. *Addendum to the Revised Vapor Intrusion Mitigation IRM Work Plan for the Former IFG Facility.* August 16, 2010

Hartnett, James F. (GM). 2008. Letter from James F. Hartnett (GM) to Susan Edwards, P.E. (NYSDEC) dated March 11, 2008 regarding VI Evaluation.

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Tables

RACER Trust

Former IFG Facility and Ley Creek Deferred Media Site, Syracuse, New York

Vapor Intrusion Phase I IRM

Table 1. Post-Phase I IRM Indoor Air Analytical Results - 2012

2012 Sample ID	29				30				31				32				33			
Sample Date	3/15/2012				3/15/2012				3/15/2012				3/15/2012				3/15/2012			
Result Unit	ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3	
Chemical Name																				
Ethylbenzene	0.13		0.55		0.91		4		0.23		1		0.39		1.7		0.83		3.6	
1,2-Dichloroethane	0.08	U	0.32	U	0.08	U	0.32	U	0.08	U	0.32	U	0.08	U	0.32	U	0.08	U	0.32	U
Toluene	0.72		2.7		2.2		8.2		1.7		6.3		1.6		6.1		2.6		9.9	
Tetrachloroethene	0.04	U	0.27	U	0.04	U	0.27	U	0.04	U	0.27	U	0.089		0.61		0.04	U	0.27	U
Xylene (total)	0.59		2.5		6.1		26		1.2		5.2		2.2		9.4		4.8		21	
cis-1,2-Dichloroethylene	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.045		0.18	
trans-1,2-Dichloroethylene	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
1,1,1-Trichloroethane	0.04	U	0.22	U	0.04	U	0.22	U	0.04	U	0.22	U	0.04	U	0.22	U	0.04	U	0.22	U
Vinyl Chloride	0.08	U	0.2	U	0.08	U	0.2	U	0.08	U	0.2	U	0.08	U	0.2	U	0.08	U	0.2	U
Methylene chloride	0.78		2.7		0.4	U	1.4	U	0.4	U	1.4	U	0.4	U	1.4	U	0.56		1.9	
1,1-Dichloroethane	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
1,1-Dichloroethylene	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
Trichloroethylene	0.04	U	0.21	U	0.44		2.4		0.17		0.9		0.4		2.2		0.17		0.89	

2012 Sample ID	34				35				36				37				38			
Sample Date	3/15/2012				3/15/2012				3/15/2012				3/15/2012				3/15/2012			
Result Unit	ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3	
Chemical Name																				
Ethylbenzene	1.2		5.3		0.68		3		0.78		3.4		0.62		2.7		0.04	U	0.17	U
1,2-Dichloroethane	0.08	U	0.32	U	0.08	U	0.32	U	0.08	U	0.32	U	0.08	U	0.32	U	0.08	U	0.32	U
Toluene	2.5		9.5		1.9		7.1		1.9		7.2		1.5		5.5		0.14		0.54	
Tetrachloroethene	0.04	U	0.27	U	0.097		0.66		0.11		0.73		0.04	U	0.27	U	0.04	U	0.27	U
Xylene (total)	7.6		33		4.4		19		4.8		21		3.8		16		0.11		0.47	
cis-1,2-Dichloroethylene	0.041		0.16		0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
trans-1,2-Dichloroethylene	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
1,1,1-Trichloroethane	0.04	U	0.22	U	0.04	U	0.22	U	0.04	U	0.22	U	0.04	U	0.22	U	0.04	U	0.22	U
Vinyl Chloride	0.08	U	0.2	U	0.08	U	0.2	U	0.08	U	0.2	U	0.08	U	0.2	U	0.08	U	0.2	U
Methylene chloride	1.2		4.3		0.47		1.6		0.48		1.7		2.1		7.3		0.4	U	1.4	U
1,1-Dichloroethane	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
1,1-Dichloroethylene	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U	0.04	U	0.16	U
Trichloroethylene	0.11		0.57		0.16		0.84		0.16		0.85		0.083		0.45		0.04	U	0.21	U

Notes:

1. Validated results and qualifiers shown.
2. Sample 36 is a blind duplicate of 35.
3. Sample 38 is ambient air sample taken from outside of the facility.

RACER Trust

Former IFG Facility and Ley Creek Deferred Media Site, Syracuse, New York

Vapor Intrusion Phase I IRM

Table 2. Post-Phase I IRM Indoor Air Analytical Results - 2014

2014 Sample ID (2012 Sample ID)	38B (35)				39 (37)				40 (34)				41 (31)				42 (33)			
Sample Date	3/31/2014				3/31/2014				3/31/2014				3/31/2014				3/31/2014			
Result Unit	ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3	
Chemical Name																				
Ethylbenzene	0.13		0.56		2.1	D	9.2	D	0.36	D	1.5	D	0.34	D	1.5	D	0.26	D	1.1	D
1,2-Dichloroethane	0.02	U	0.081	U	0.02	U	0.081	U	0.02	U	0.081	U	0.02	U	0.081	U	0.02	U	0.081	U
Toluene	0.63		2.4		0.83	D	3.1	D	1.4	D	5.1	D	1.2	D	4.5	D	0.89	D	3.4	D
Tetrachloroethene	0.029		0.2		0.014		0.093		0.018		0.12		0.02		0.14		0.019		0.13	
Xylene (total)	0.74		3.2		14	D	60	D	1.9	D	8.1	D	1.7	D	7.5	D	1.4	D	5.9	D
cis-1,2-Dichloroethylene	0.01	U	0.04	U	0.013		0.052		0.027	D	0.11	D	0.081	D	0.32	D	0.027	D	0.11	D
trans-1,2-Dichloroethylene	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U
1,1,1-Trichloroethane	0.01	U	0.055	U	0.01	U	0.055	U	0.014		0.074		0.031	D	0.17	D	0.013		0.073	
Vinyl Chloride	0.02	U	0.051	U	0.02	U	0.051	U	0.02	U	0.051	U	0.02	U	0.051	U	0.02	U	0.051	U
Methylene chloride	0.13		0.45		0.53		1.8		0.1	U	0.35	U	0.1	U	0.35	U	0.11		0.37	
1,1-Dichloroethane	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U
1,1-Dichloroethylene	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U
Trichloroethylene	0.058		0.31		0.046		0.25		0.083	D	0.45	D	0.12	D	0.66	D	0.089	D	0.48	D

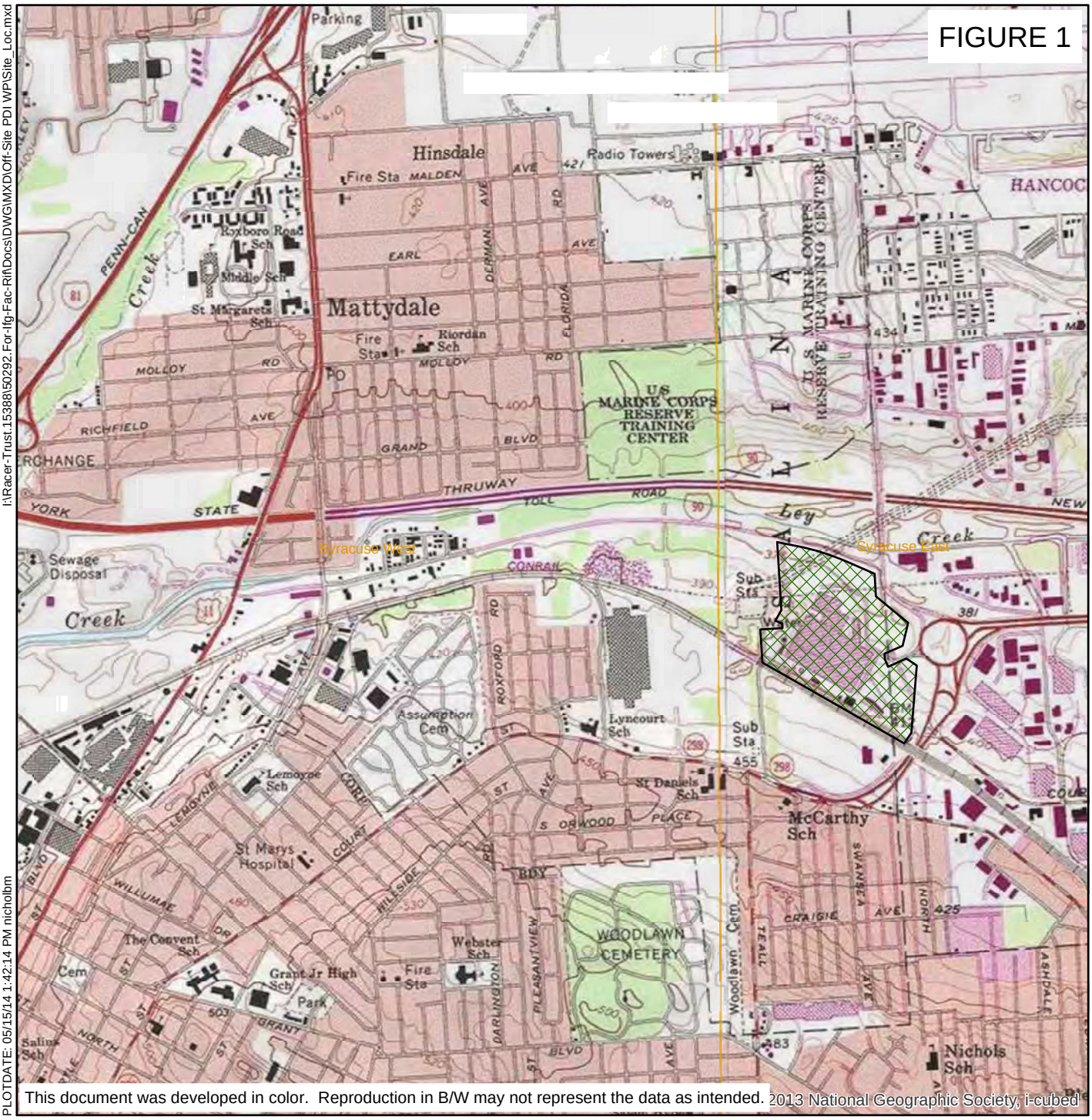
2014 Sample ID (2012 Sample ID)	43 (30)				44 (32)				45 (29)				AA				DUP			
Sample Date	3/31/2014				3/31/2014				3/31/2014				3/31/2014				3/31/2014			
Result Unit	ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3		ppbv		ug/m3	
Chemical Name																				
Ethylbenzene	0.039	D	0.17	D	0.019		0.084		0.2	D	0.88	D	0.01	U	0.043	U	0.25	D	1.1	D
1,2-Dichloroethane	0.02	U	0.081	U	0.02	U	0.081	U	0.02	U	0.081	U	0.02	U	0.081	U	0.02	U	0.081	U
Toluene	1.3	D	4.9	D	0.19		0.73		2.5	D	9.3	D	0.12		0.44		0.88	D	3.3	D
Tetrachloroethene	0.027	D	0.18	D	0.035		0.24		0.014		0.093		0.01	U	0.068	U	0.022		0.15	
Xylene (total)	0.19	D	0.84	D	0.094		0.41		0.85	D	3.7	D	0.032		0.14		1	D	4.4	D
cis-1,2-Dichloroethylene	0.025		0.1		0.024		0.095		0.01	U	0.04	U	0.01	U	0.04	U	0.027	D	0.11	D
trans-1,2-Dichloroethylene	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U
1,1,1-Trichloroethane	0.01	U	0.055	U	0.01	U	0.055	U	0.01	U	0.055	U	0.01	U	0.055	U	0.013		0.07	
Vinyl Chloride	0.02	U	0.051	U	0.02	U	0.051	U	0.02	U	0.051	U	0.02	U	0.051	U	0.02	U	0.051	U
Methylene chloride	0.1	U	0.35	U	0.1	U	0.35	U	0.12		0.42		0.1	U	0.35	U	0.37	D	0.67	
1,1-Dichloroethane	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U
1,1-Dichloroethylene	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U	0.01	U	0.04	U
Trichloroethylene	0.19	D	1	D	0.15		0.82		0.021		0.11		0.01	U	0.054	U	0.093	D	0.5	D

Notes:

1. Validated results and qualifiers shown.
2. Sample DUP is a blind duplicate of 42
3. Sample AA is ambient air sample taken from outside of the facility.

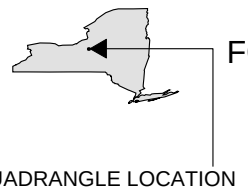
Figures

FIGURE 1



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ADAPTED FROM: SYRACUSE WEST, SYRACUSE EAST NEW YORK USGS QUADRANGLE.



QUADRANGLE LOCATION

RACER TRUST
FORMER INLAND FISHER GUIDE FACILITY
SYRACUSE, NEW YORK

FORMER IFG FACILITY

N

SITE LOCATION

0 1,000 2,000 4,000 6,000 8,000

Feet

1:24,000

15388.51661
MAY 2014

O'BRIEN & GERE

I:\Racer-Trust.15388\50292.For-Ifg-Fac-Rifl\Docs\DWG\MXD\Off-Site PDI WP\Site_Loc.mxd
PLOTDATE: 05/15/14 1:42:14 PM nicholbm

FIGURE 2

LOCATION ID

1	SUBSLAB (GS) 3/28/2006	INDOOR AIR (IA) 3/28/2006
1,1,1–Trichloroethane	ND	0.18
Tetrachloroethene	2.8	0.95
Trichloroethene	5.9	1.9

SAMPLE DATE

CONCENTRATION ug/m3

CHEMICAL NAME

ND DENOTES NOT DETECTED
(NS DENOTES NOT SAMPLED)

13	GS 3/7/2007	IA 3/7/2007
Tetrachloroethene	1.6 J	530/540
Trichloroethene	1.9 J	2.6/2.3

7	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	1.1	ND
Tetrachloroethene	1.9	3.9
Trichloroethene	100	310

21	GS NS	IA 10/15/2009
1,1,1–Trichloroethane	NS	0.11J
Tetrachloroethene	NS	12
Trichloroethene	NS	300

24	GS 10/16/2009	IA NS
1,1,1–TCA	6.1	NS
TCE	340	NS
PCE	1.7J	NS

25	GS 10/16/2009	IA NS
1,1,1–TCA	0.45J	NS
TCE	4.3U	NS
PCE	2.0J	NS

1	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	ND	0.18
Tetrachloroethene	2.8	0.95
Trichloroethene	5.9	1.9

12	GS 3/7/2007	IA 3/7/2007
Tetrachloroethene	ND	1.4
Trichloroethene	2800	130

6	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	ND/ND	ND
Tetrachloroethene	75/56	2.3
Trichloroethene	7000/7000	86

8	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	3.1	1.5
Trichloroethene	100	18

23	GS 10/16/2009	IA NS
1,1,1–TCA	70	NS
TCE	29	NS
PCE	570	NS

22	GS 10/16/2009	IA NS
1,1,1–TCA	360	NS
TCE	640	NS
PCE	5.5	NS

18	GS NS	IA 10/15/2009
1,1,1–Trichloroethane	NS	0.11J
Tetrachloroethene	NS	19
Trichloroethene	NS	62

10	GS 3/7/2007	IA 3/7/2007
Tetrachloroethene	2.6 J	0.99 J
Trichloroethene	610	2.0

26	GS 10/16/2009	IA NS
1,1,1–Trichloroethane	9.4	NS
Tetrachloroethene	2800	NS
Trichloroethene	10U	NS

17	GS NS	IA 10/15/2009
1,1,1–TCA	NS	0.54
TCE	NS	0.87
PCE	NS	0.48

2	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	87	1.5/1.4
Tetrachloroethene	ND	1.7/1.5
Trichloroethene	ND	37/35

9	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	ND	2.9
Trichloroethene	4100	26

20	GS NS	IA 10/16/2009
1,1,1–TCA	NS	0.26
TCE	NS	1.3
PCE	NS	0.43

3	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	65	ND
Tetrachloroethene	ND	1.4
Trichloroethene	190	30

19	GS NS	IA 10/15/2009
1,1,1–Trichloroethane	NS	0.087J
Tetrachloroethene	NS	16
Trichloroethene	NS	0.91

15	GS 3/7/2007	IA 3/7/2007
Tetrachloroethene	ND	ND
Trichloroethene	170	1.8

14	GS 3/7/2007	IA 3/7/2007
Tetrachloroethene	ND	ND
Trichloroethene	6000	17

27	GS 10/16/2009	IA NS
1,1,1–Trichloroethane	3.8J	NS
Tetrachloroethene	390	NS
Trichloroethene	1.6J	NS

11	GS 3/7/2007	IA 3/7/2007
Tetrachloroethene	ND/ND	ND
Trichloroethene	340000/330000	7.9

16	GS NS	IA 10/15/2009
1,1,1–Trichloroethane	NS	0.59
Tetrachloroethene	NS	3.2
Trichloroethene	NS	0.60

5	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	ND	1.6
Trichloroethene	1900000	39

4	GS 3/28/2006	IA 3/28/2006
1,1,1–Trichloroethane	1400	ND
Tetrachloroethene	68	ND
Trichloroethene	970	15

28	GS 10/16/2009	IA NS
1,1,1–TCA	980	NS
TCE	10,000	NS
PCE	43U	NS

AMBIENT AIR WEST OF POND

FACTORY AVENUE

TOWNLINE ROAD

ROUTE 298

MILITARY CIRCLE
(FORMERLY G.M. CIRCLE)

NIAGARA MOHAWK PROPERTY

LEGEND

- PROPERTY LINE
- TREE LINE
- FENCE
- GUARDRAIL
- TENANT SPACE OUTLINES
- OFFICE AREA
- 2ND FLOOR AREA
- SUB–SLAB DEPPRESSURIZATION SYSTEM
- 2012 INDOOR AIR SAMPLING
- 2014 INDOOR AIR SAMPLING
- △ 2009 SUBSLAB & INDOOR AIR SAMPLE LOCATIONS
- ◒ ▲ 2006/2007 SUBSLAB & INDOOR AIR SAMPLE LOCATIONS ABOVE 5ug/M³ IA, AND 50 ug/M ³GS
- ▲ 2007 SUBSLAB & INDOOR AIR SAMPLE LOCATIONS
- ◒ 2006 SUBSLAB & INDOOR AIR SAMPLE LOCATIONS

RACER TRUST
FORMER INLAND FISHER GUIDE FACILITY
SYRACUSE, NEW YORK

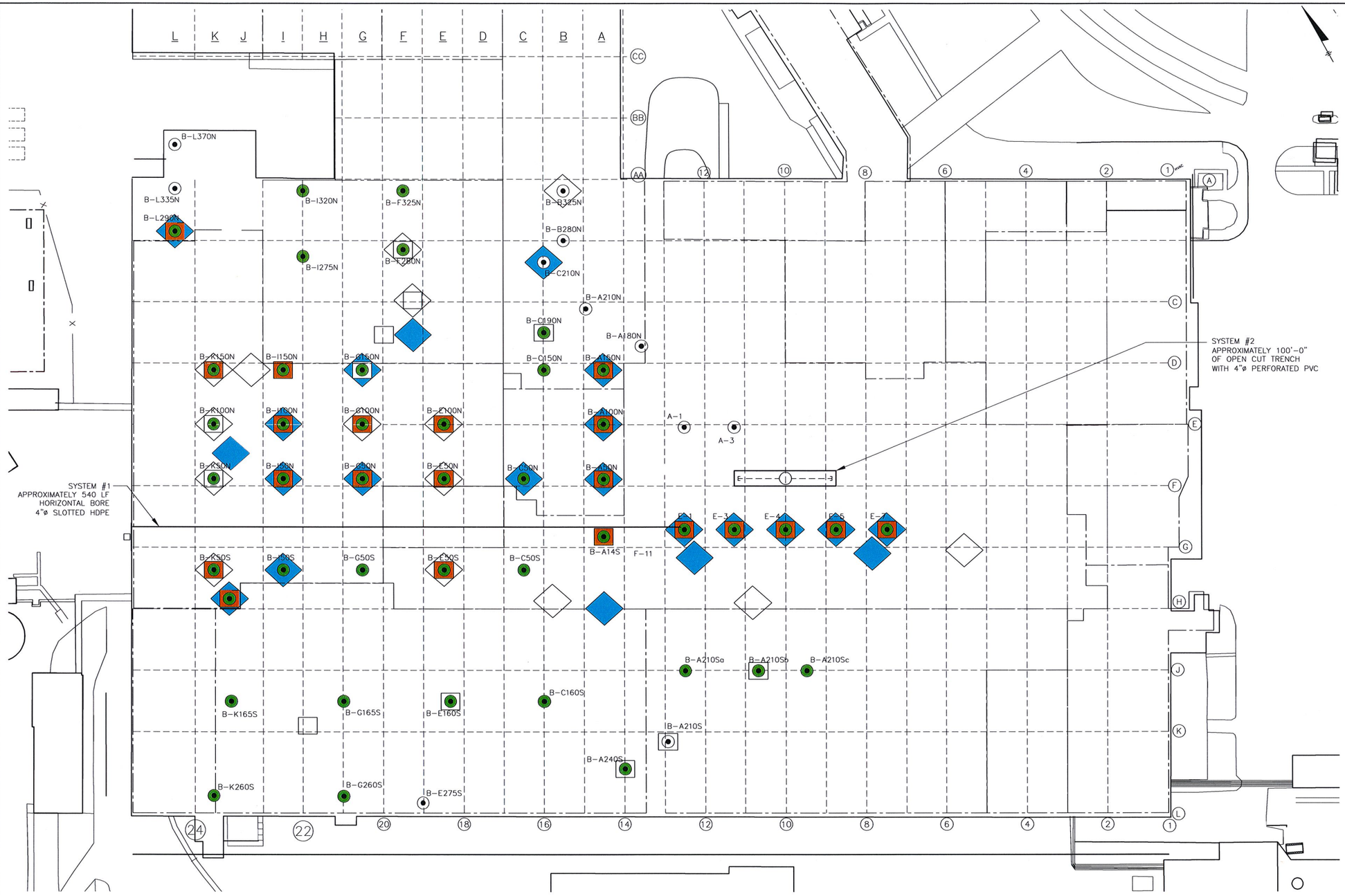
PRE–SSDS SUBSLAB AND INDOOR AIR SAMPLING RESULTS

1"=500' 500 0 500

FILE NO. 15388.51661
MAY 2014

O'BRIEN & GERE

May 15, 2014 - 1:39pm



PLAN
SCALE: 1"=50'

LEGEND

- TENANT SPACE OUTLINES
- LOCATION > 0.004 (MAY 2011)
- TESTED LOCATION (MAY 2011)
- LOCATION >0.004 (DEC 2013)
- TESTED LOCATION (DEC 2013)
- LOCATION >0.004 (MAR 2014)
- TESTED LOCATION (MAR 2014)

NOTES:

1. COMMUNICATION TESTING PERFORMED MAY 2011, DECEMBER 2013 AND MARCH 2014.

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IN CHARGE OF _____

DESIGNED BY _____ CHECKED BY _____

DRAWN BY _____

1"=50' 50 0 50 100

NO.	DATE	REVISION	INIT.

O'BRIEN & GERE

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RACER
FORMER INLAND
FISHER GUIDE FACILITY
SYRACUSE, NY

PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
BORED PIPE COMMUNICATION TESTING
SYSTEM 1

FILE NO. 15388.51661-001

DATE MARCH 2014

FIG 3

I:\Racer-Trust.15388\50664.2013-VI-Mitigat\Docs\DWG\Sheets\50664.001-FIG1.dwg

FIGURE 4

LEY CREEK

AMBIENT AIR WEST OF POND

FACTORY AVENUE

TOWNLINE ROAD

ROUTE 298

MILITARY CIRCLE
(FORMERLY G.M. CIRCLE)

NIAGARA MOHAWK PROPERTY

LOCATION ID

1	SUBSLAB (GS) 3/28/2006	INDOOR AIR (IA) 3/28/2006
1,1,1–Trichloroethane	ND	0.18
Tetrachloroethene	2.8	0.95
Trichloroethene	5.9	1.9

SAMPLE DATE

CHEMICAL NAME

CONCENTRATION ug/m3

ND DENOTES NOT DETECTED
(NS DENOTES NOT SAMPLED)

Ambient Air	31–IA 3/15/2012	41–IA 3/31/2014
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	ND	ND
Trichloroethylene	ND	ND

29	29–IA 3/15/2012	45–IA 3/31/2014
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	ND	0.093
Trichloroethylene	ND	0.11

30	30–IA 3/15/2012	43–IA 3/31/2014
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	ND	0.18
Trichloroethylene	2.40	1.00

31	31–IA 3/15/2012	41–IA 3/31/2014
1,1,1–Trichloroethane	ND	0.17
Tetrachloroethene	ND	0.14
Trichloroethylene	0.90	0.66

32	32–IA 3/15/2012	44–IA 3/31/2014
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	0.61	0.24
Trichloroethylene	2.20	0.82

34	34–IA 3/15/2012	40–IA 3/31/2014
1,1,1–Trichloroethane	ND	0.074
Tetrachloroethene	ND	0.12
Trichloroethylene	0.57	0.45

33	33–IA 3/15/2012	42–1A 3/31/2014	DUP–033114 3/31/2014
1,1,1–Trichloroethane	ND	0.073	0.070
Tetrachloroethene	ND	0.13	0.15
Trichloroethylene	0.89	0.48	0.50

37	37–1A 3/15/2012	39–IA 3/31/2014
1,1,1–Trichloroethane	ND	ND
Tetrachloroethene	ND	ND
Trichloroethylene	0.45	0.25

35	35–1A 3/15/2012	DUP–031512 3/15/2012	38–1A 3/31/2014
1,1,1–Trichloroethane	ND	ND	ND
Tetrachloroethene	0.66	0.73	0.20
Trichloroethylene	0.84	0.85	0.31

LEGEND

- PROPERTY LINE
- TREE LINE
- FENCE
- GUARDRAIL
- TENANT SPACE OUTLINES
- OFFICE AREA
- 2ND FLOOR AREA
- SUB–SLAB DEPPRESSURIZATION SYSTEM
- 2012 INDOOR AIR SAMPLING
- 2014 INDOOR AIR SAMPLING

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POST–SSDS SUBSLAB AND INDOOR AIR SAMPLING RESULTS

1"=500' 500 0 500

FILE NO. 15388.51661–001
MARCH 2014

O'BRIEN & GERE

Appendix A

Photo Log

ATTACHMENT A – PHOTOGRAPHIC LOG

DATE:	3/9/2011

DESCRIPTION

System 1; Horizontal bore rig with bore pit and exhaust discharged through upper windows.



DATE:	3/10/2011

DESCRIPTION

System 1; Horizontal bore rig drill head.



DATE:	3/9/2011

DESCRIPTION

System 1; Horizontal bore rig and launch pit and drilling rod shown.



DATE:	3/10/2011

DESCRIPTION

System 1; Horizontal bore launch pit and drilling entrance below slab.



DATE:	5/6/2011

DESCRIPTION

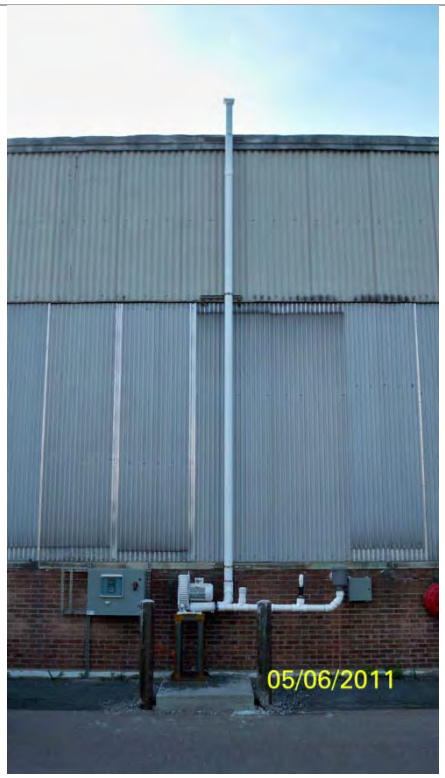
System 1; Fan, controls and piping arrangement; close up.



DATE:	5/6/2011

DESCRIPTION

System 1; Fan, controls and piping view, including full exhaust piping.



DATE:	2/22/2011
DESCRIPTION System 2; Trench excavation.	

DATE:	5/6/2011
DESCRIPTION System 2; Controls; trench immediately beyond H-beam.	

DATE:	5/6/2011

DESCRIPTION

System 2; Vacuum piping to fan (installed on roof); controls mounted to other side of H-beam.



DATE:	5/6/2011

DESCRIPTION

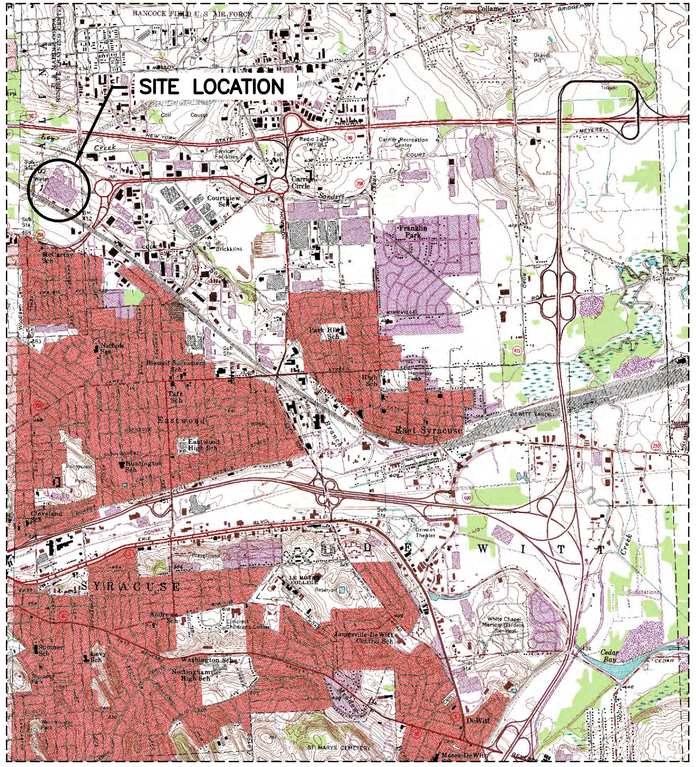
System 2; Fan, exhaust, and vacuum piping from building interior.



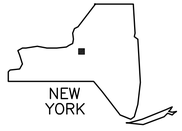
Appendix B

As-Built Construction Drawings

9/15/2014 11:04 AM



SITE LOCATION PLAN
NOT TO SCALE



QUADRANGLE LOCATION

CONTRACT DRAWINGS

FORMER INLAND FISHER GUIDE FACILITY

PHASE 1 VAPOR INTRUSION MITIGATION SYSTEM

RACER TRUST
SYRACUSE, NEW YORK

MAY 2014

O'BRIEN & GERE

333 West Washington Street
Syracuse, NY 13221



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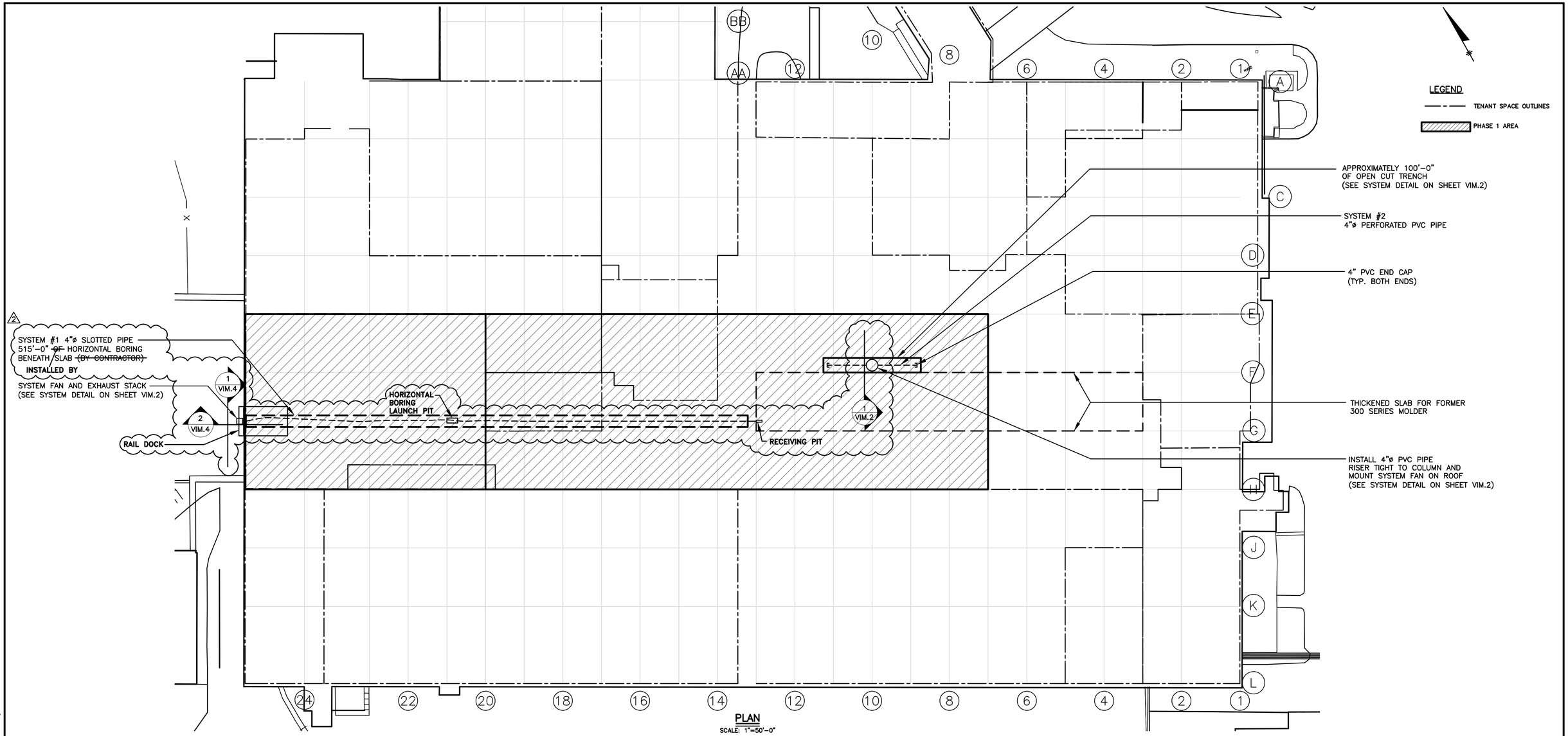
INDEX TO DRAWINGS

	TITLE SHEET
VIM.1	PIPING PLAN
VIM.2	PIPING & FAN DETAILS
VIM.3	PIPING PLAN
VIM.4	PIPING, EQUIPMENT & FAN DETAILS FOR SYSTEM #1
VIM.5a	PIPING, EQUIPMENT & FAN DETAILS FOR SYSTEM #2
VIM.5b	PIPING, EQUIPMENT & FAN DETAILS FOR SYSTEM #2

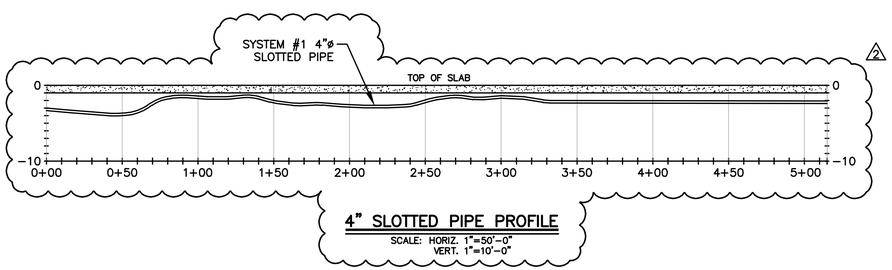
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Sep 15, 2014 – 1:36pm



PLAN
SCALE: 1"=50'-0"



4" SLOTTED PIPE PROFILE
SCALE: HORIZ. 1"=50'-0"
VERT. 1"=10'-0"

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
By: O'BRIEN & GERE ENGINEERS, INC.

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STATE OF NEW YORK · DOUGLAS M CRAWFORD · 088848 · LICENSED PROFESSIONAL ENGINEER

IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

1"=50' 50 0 50 100
1"=10' 10 0 10 20

NO.	DATE	REVISION	INIT.
2	7/21/11	AS-BUILT	
1	9/29/10	ISSUED FOR CONSTRUCTION	
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

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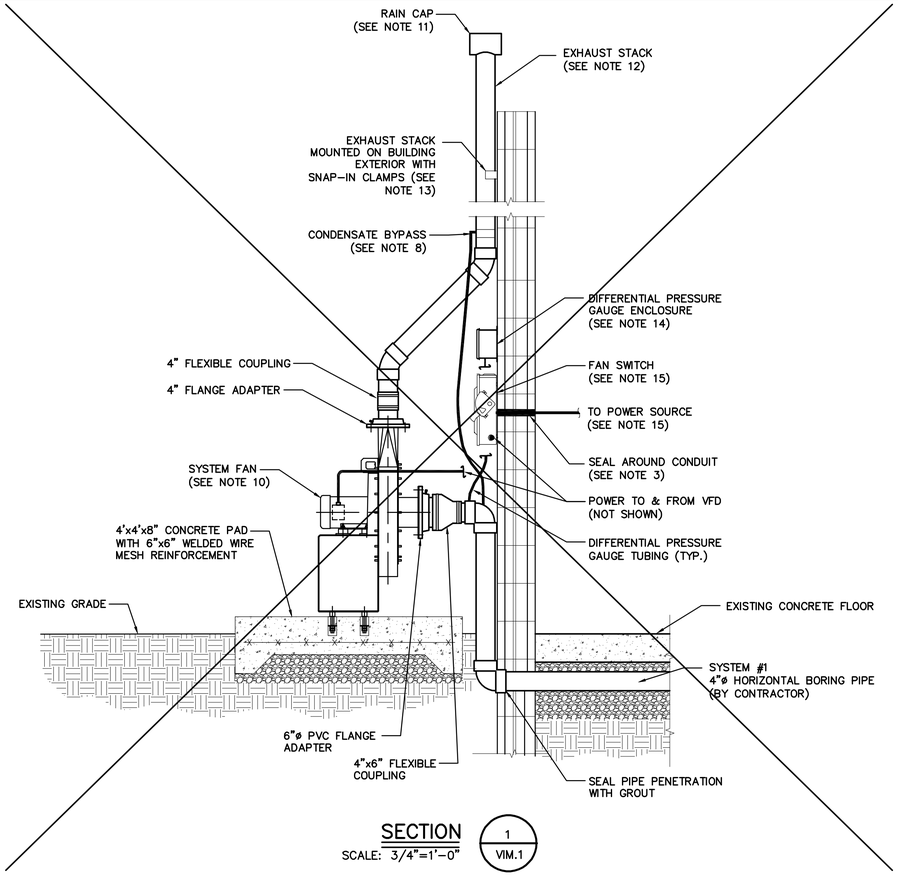
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SYRACUSE, NY

PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING PLAN

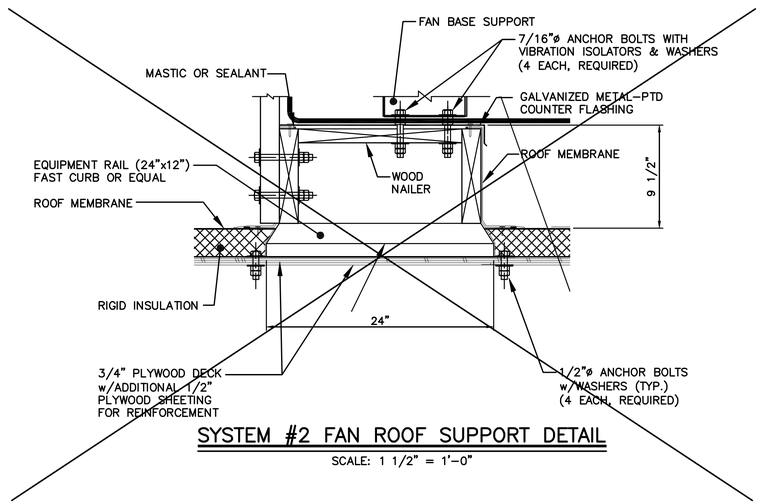
FILE NO. 14774.46380-005
DATE MAY 2014

VIM.1

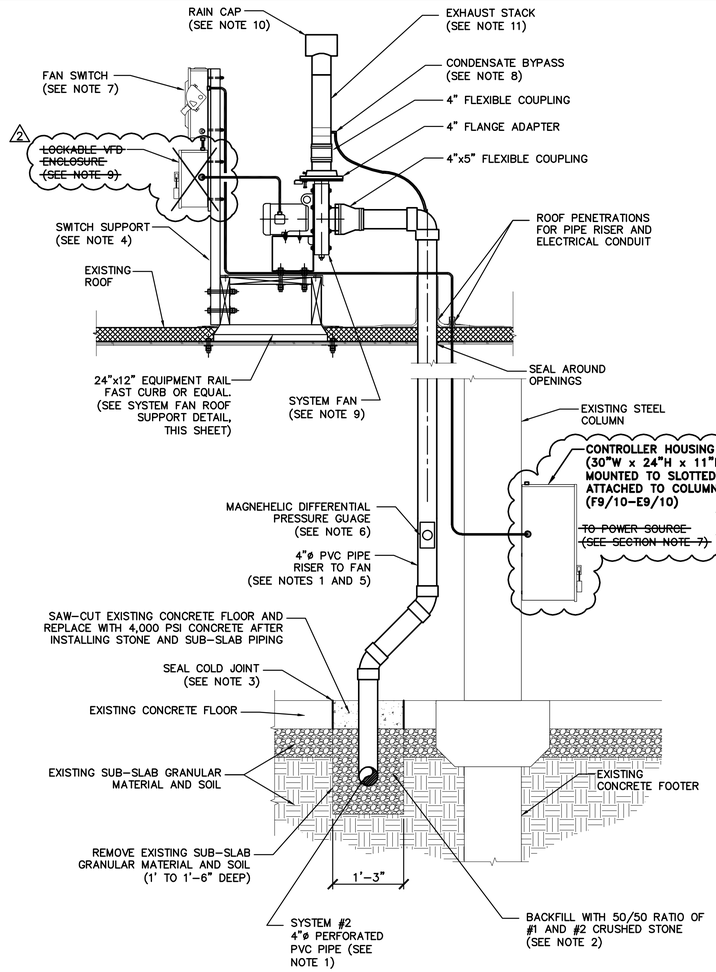
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SECTION (1 / VIM.1)
SCALE: 3/4"=1'-0"



SYSTEM #2 FAN ROOF SUPPORT DETAIL
SCALE: 1 1/2" = 1'-0"



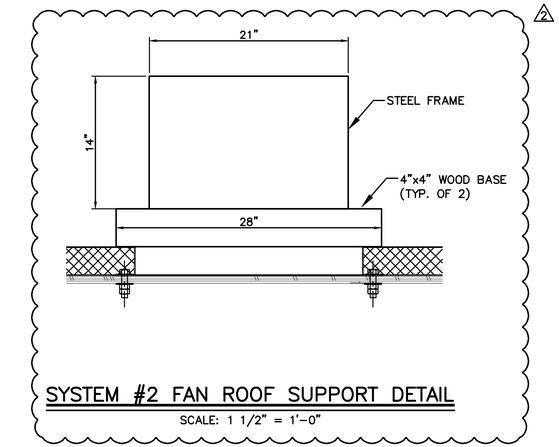
SECTION (2 / VIM.1)
SCALE: 3/4"=1'-0"

NOTES:

1. PVC PIPE WILL BE DUAL RATED DWV/SCHEDULE 40, WITH DRY FITTINGS. JOINTS TO BE SOLVENT WELDED WITH CLEAR LOW VOLATILE ORGANIC COMPOUND (VOC) GLUE AND PRIMER (PS OR HERCULES). PERFORATED PIPE TO BE PERFORATED USING "NEW ENGLAND PERFORATION" PATTERN (TWO ROWS OF 1/2"ø HOLES 120 DEGREES APART, AND 6" CENTERS). PIPE TO BE INSTALLED WITH HOLES DOWN.
2. REQUIREMENTS FOR 50/50 RATIO OF #1 AND #2 CRUSHED STONE:

PERCENTAGE BY WEIGHT PASSING THE FOLLOWING SQUARE HOLE OPENINGS				
	SCREEN SIZE			
SIZE DESIGNATION	1-1/2"	1"	1/2"	1/4"
#1 CRUSHED STONE	--	100	90-100	0-15
#2 CRUSHED STONE	100	90-100	0-15	--

3. GEOCEL 3300 POLYURETHANE SEALANT.
4. UNISTRUT® (OR APPROVED EQUAL), 1-5/8" SLOTTED CHANNEL MODEL #P3300SL-HG (2 REQUIRED) WITH PIPE STRAP MODEL #P2558-40-HG (2 REQUIRED).
5. VERTICAL PIPE RUNS SHALL BE SUPPORTED EVERY 8 FEET (MAXIMUM) OR AS REQUIRED.
6. INSTALL DWYER MAGNEHELIC DIFFERENTIAL PRESSURE GAUGE MODEL #2025-LT (LOW TEMPERATURE OPTION, 1-REQUIRED).
7. PROVIDE MOTOR RATED LOCKABLE WEATHERPROOF SWITCH, SQUARE D CAT. #HU361RB OR EQUAL. CONTRACTOR TO PROVIDE 480VAC, THREE PHASE, 60 HERTZ, 20A CIRCUIT CONNECTION FROM BUS DUCT #8 AND SUBSTATION #2. PROVIDE 3/4" RIGID STEEL CONDUIT WITH 3-#12 AWG AND 1-#12 GROUND FROM BUST DUCT TO DISCONNECT SWITCH. BUS DUCT SWITCH FURNISHED AND INSTALLED BY CONTRACTOR. ALL WORK TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL AND LOCAL CODES. (2-REQUIRED)
8. RCI #FG-43 FAN GUARD KIT (CONDENSATE BYPASS) OR EQUAL (2-REQUIRED).
9. SYSTEM #2 FAN: CINCINNATI FAN HPA (10"x1.5625" WHEEL, ARRANGEMENT 4, CW ROTATION, TH DISCHARGE, AMCA TYPE B SPARK RESISTANT CONSTRUCTION). 1/2 HP MOTOR CONTROLLED FROM A VFD. THE FAN DRAWS A MAXIMUM OF 1 AMP. PROVIDE WEATHER-TIGHT VFD ENCLOSURE AND AC TECH VFD 480 VOLT POWER SUPPLY. VFD CABINET COMPONENTS INCLUDE: DISCONNECT SWITCH (ABBOT40F3), MOTOR PROTECTOR (140M-C2E ADJ. TO 4 AMPS), LINE REACTOR (SOLASLR-2H-480-3), VFD (POWERFLEX4 CAT# 22A-D2P3N104-1HPDRIVE).TEST LOAD CIRCUIT PRIOR TO INSTALLATION OF FAN.
10. RCI RAIN CAP #AM04 OR EQUAL, (1-REQUIRED)
11. INSTALL 4" PVC EXHAUST STACK 1'-0" ABOVE EAVE AND A MINIMUM OF 10'-0" FROM ANY DOORS, WINDOWS, LOUVERS AND AIR INTAKES INTO CONDITIONED OR OTHERWISE OCCUPIED SPACE IF DISCHARGE POINT IS NOT AT LEAST 2'-0" ABOVE THE TOP OF SUCH OPENING.
12. RCI #SIC-04 SNAP-IN CLAMPS, OR EQUAL, MOUNTED TO THE WALL EVERY 8' MAXIMUM, OR AS REQUIRED.



SYSTEM #2 FAN ROOF SUPPORT DETAIL
SCALE: 1 1/2" = 1'-0"

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: _____

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STATE OF NEW YORK DOUGLAS M. CRAWFORD 086849 LICENSED PROFESSIONAL ENGINEER

IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

3/4"=1'-0" 1 0 1 2 3
1 1/2"=1'-0" 1 .5 0 1

NO.	DATE	REVISION	INIT.
2	7/21/11	AS-BUILT	
1	9/29/10	ISSUED FOR CONSTRUCTION	
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

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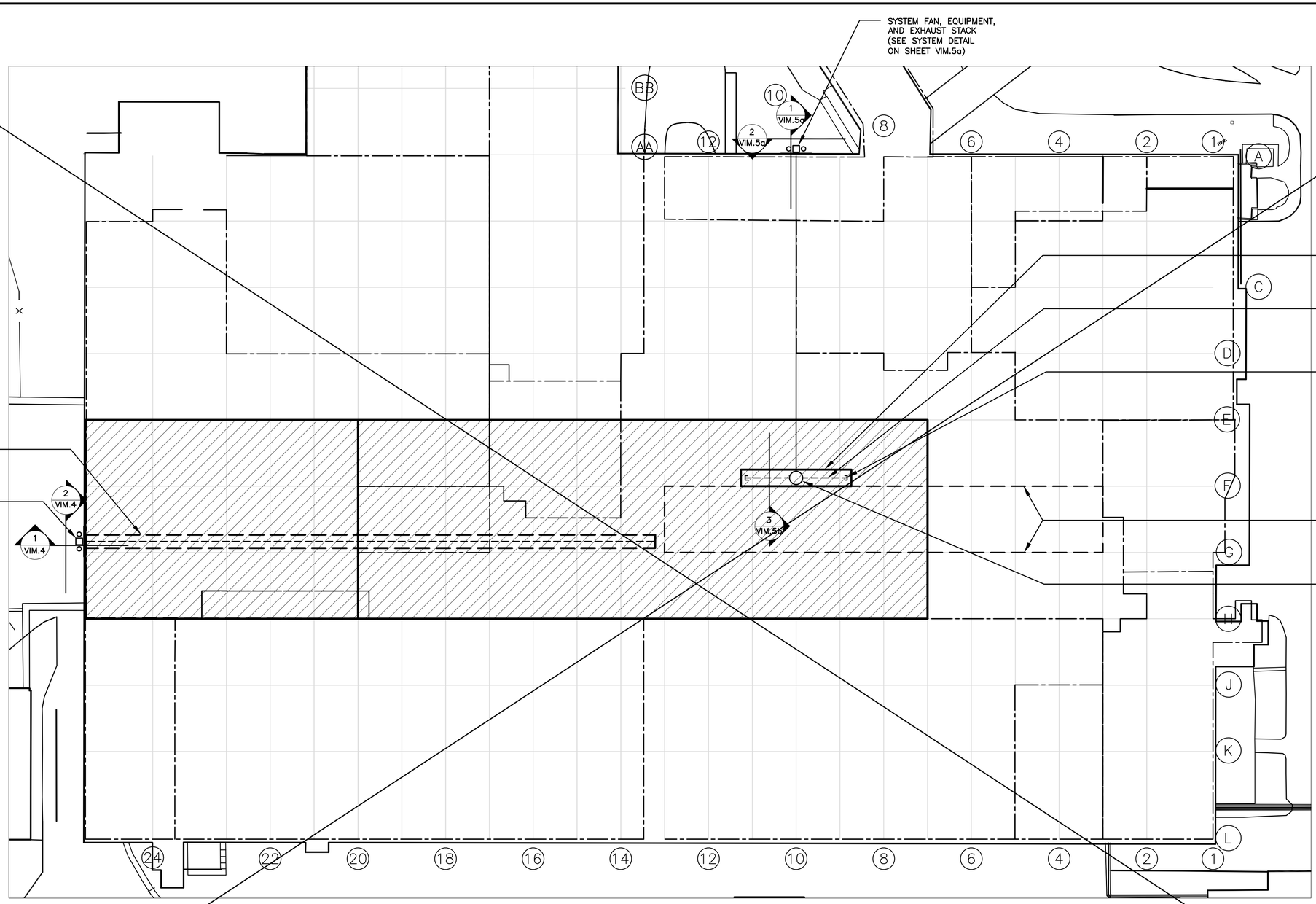
PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING & FAN DETAILS

FILE NO. 14774.46380-006
DATE MAY 2014

VIM.2

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Sep 15, 2014 - 1:32pm



PLAN
SCALE: 1"=50'-0"

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: _____

STATE OF NEW YORK DOUGLAS M. CRAWFORD 068832 LICENSED PROFESSIONAL ENGINEER

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IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

1"=50' 50 0 50 100

NO.	DATE	REVISION	INIT.
2	7/21/11	AS-BUILT	
1	9/29/10	ISSUED FOR CONSTRUCTION	
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

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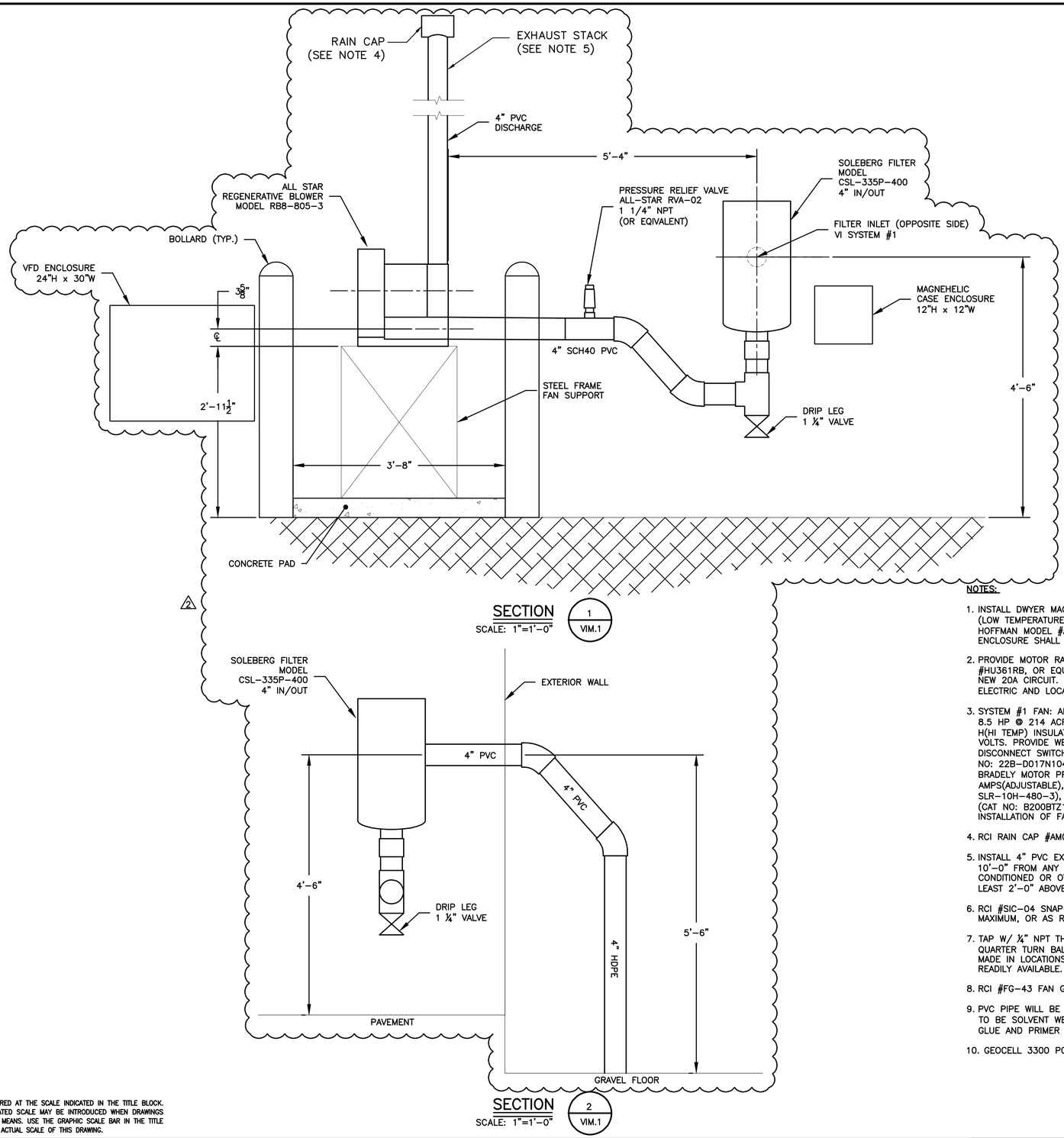
PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING PLAN

FILE NO. 14774.46380-007
DATE MAY 2014

VIM.3

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Sep 15, 2014 - 1:42pm



NOTES:

1. INSTALL DWYER MAGNEHELIC DIFFERENTIAL PRESSURE GAUGE MODEL #2025-LT (LOW TEMPERATURE OPTION, 1-REQUIRED). GAUGE SHALL BE INSTALLED IN HOFFMAN MODEL #A606CHFTC ENCLOSURE (1-REQUIRED) OR EQUAL. ENCLOSURE SHALL BE RATED NEMA 4X.
2. PROVIDE MOTOR RATED LOCKABLE WEATHERPROOF SWITCH, SQUARE D CAT. #HU361RB, OR EQUAL. CONTRACTOR TO FIELD VERIFY 240 VAC SOURCE FOR NEW 20A CIRCUIT. ALL WORK TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC AND LOCAL CODES. (1-REQUIRED)
3. SYSTEM #1 FAN: ALLSTAR REGENERATIVE BLOWER MODEL RB8-805-3 RATED @ 8.5 HP @ 214 ACFM @ 47IN W.G. VACUUM, MOTOR TEFC(IP54) ENCLOSURE H(HI TEMP) INSULATION WITH 1.15 SERVICE FACTOR. POWER SUPPLY IS 480 VOLTS. PROVIDE WEATHER-TIGHT VFD CABINET COMPONENTS THAT INCLUDE: DISCONNECT SWITCH (ABBOT40F3), ALLEN BRADLEY POWERFLEX40 VFDC (CAT NO: 22B-D017N104 SERIES A.) OUTPUT 3 PHASE-480V 48-63 HZ, ALLEN BRADELY MOTOR PROTECTOR (CAT NO: 140M-D8E-C20) RATED @ 20 AMPS(ADJUSTABLE), SOLA SLR SERIES LINE REACTOR (MODEL: SLR-10H-480-3), MICRON CONTROLS TRANSFORMER (MODEL: IMPERVITRAN) (CAT NO: B200BTZ13RBF SERIES 2). TEST LOAD CIRCUIT PRIOR TO INSTALLATION OF FAN.
4. RCI RAIN CAP #AM04 OR EQUAL, (1-REQUIRED)
5. INSTALL 4" PVC EXHAUST STACK 1'-0" ABOVE EAVE AND A MINIMUM OF 10'-0" FROM ANY DOORS, WINDOWS, LOUVERS AND AIR INTAKES INTO CONDITIONED OR OTHERWISE OCCUPIED SPACE IF DISCHARGE POINT IS NOT AT LEAST 2'-0" ABOVE THE TOP OF SUCH OPENING.
6. RCI #SIC-04 SNAP-IN CLAMPS, OR EQUAL, MOUNTED TO THE WALL EVERY 8' MAXIMUM, OR AS REQUIRED.
7. TAP W/ ¼" NPT THREADED TAP. INSTALL ¼" THREADED NIPPLE, ¼" NPT QUARTER TURN BALL VALVE, AND ¼" HOSE BARB, 4 PLACES. TAP SHOULD BE MADE IN LOCATIONS SHOWN AND POSITIONED SO THAT HOSE BARBS ARE READILY AVAILABLE.
8. RCI #FG-43 FAN GUARD KIT (CONDENSATE BYPASS) OR EQUAL.
9. PVC PIPE WILL BE DUAL RATED DWV/SCHEDULE 40, WITH DRY FITTINGS. JOINTS TO BE SOLVENT WELDED WITH CLEAR LOW VOLATILE ORGANIC COMPOUND (VOC) GLUE AND PRIMER (PS OR HERCULES).
10. GEOCELL 3300 POLYEURETHANE SEALANT.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
By: O'BRIEN & GERE ENGINEERS, INC.

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STATE OF NEW YORK · DOUGLAS M. CRAWFORD · 088849 · LICENSED PROFESSIONAL ENGINEER

IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

3/4"=1'-0" (1 0 1 2 3)

NO.	DATE	REVISION	INIT.
2	7/21/11	AS-BUILT	
1	9/29/10	ISSUED FOR CONSTRUCTION	
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

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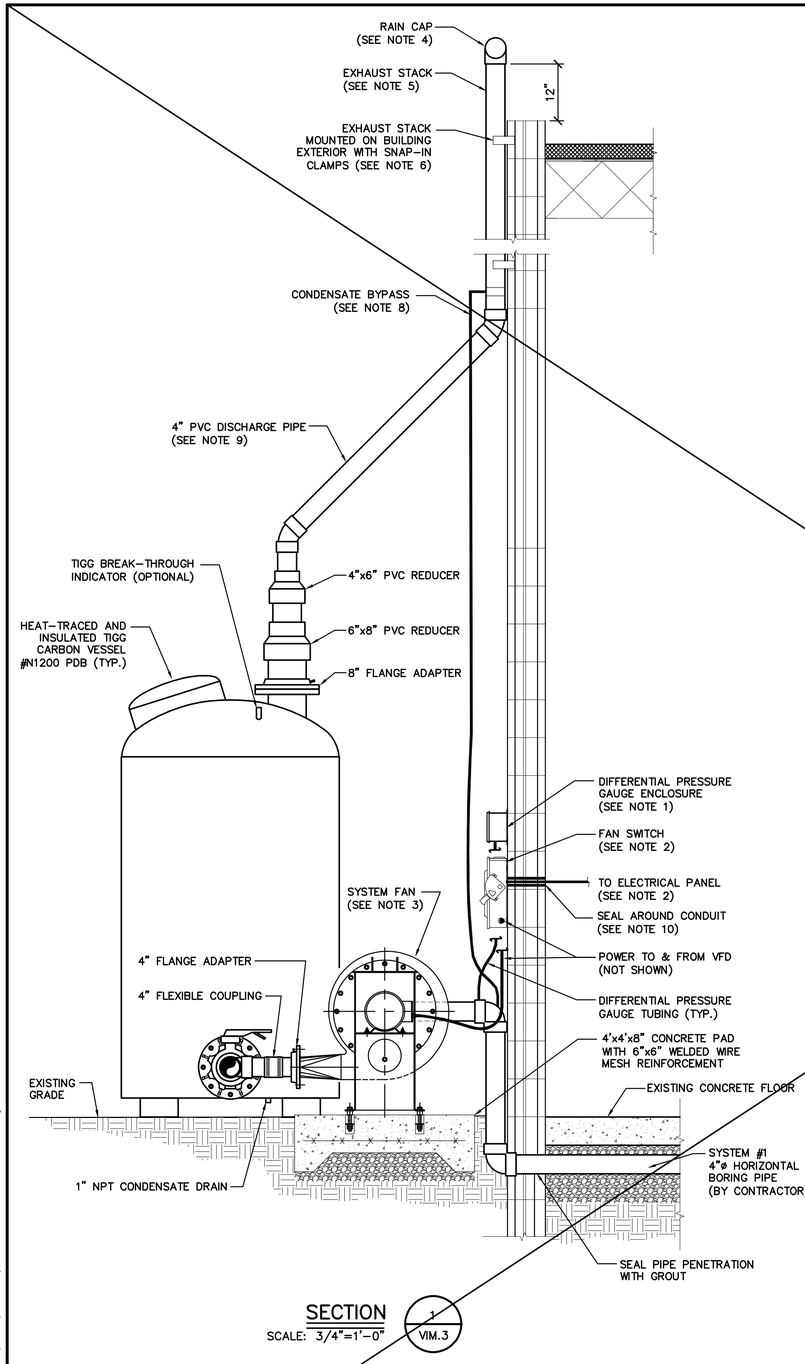
PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING, EQUIPMENT & FAN DETAILS
FOR SYSTEM #1

FILE NO. 14774.46380-011
DATE MAY 2014

VIM.4

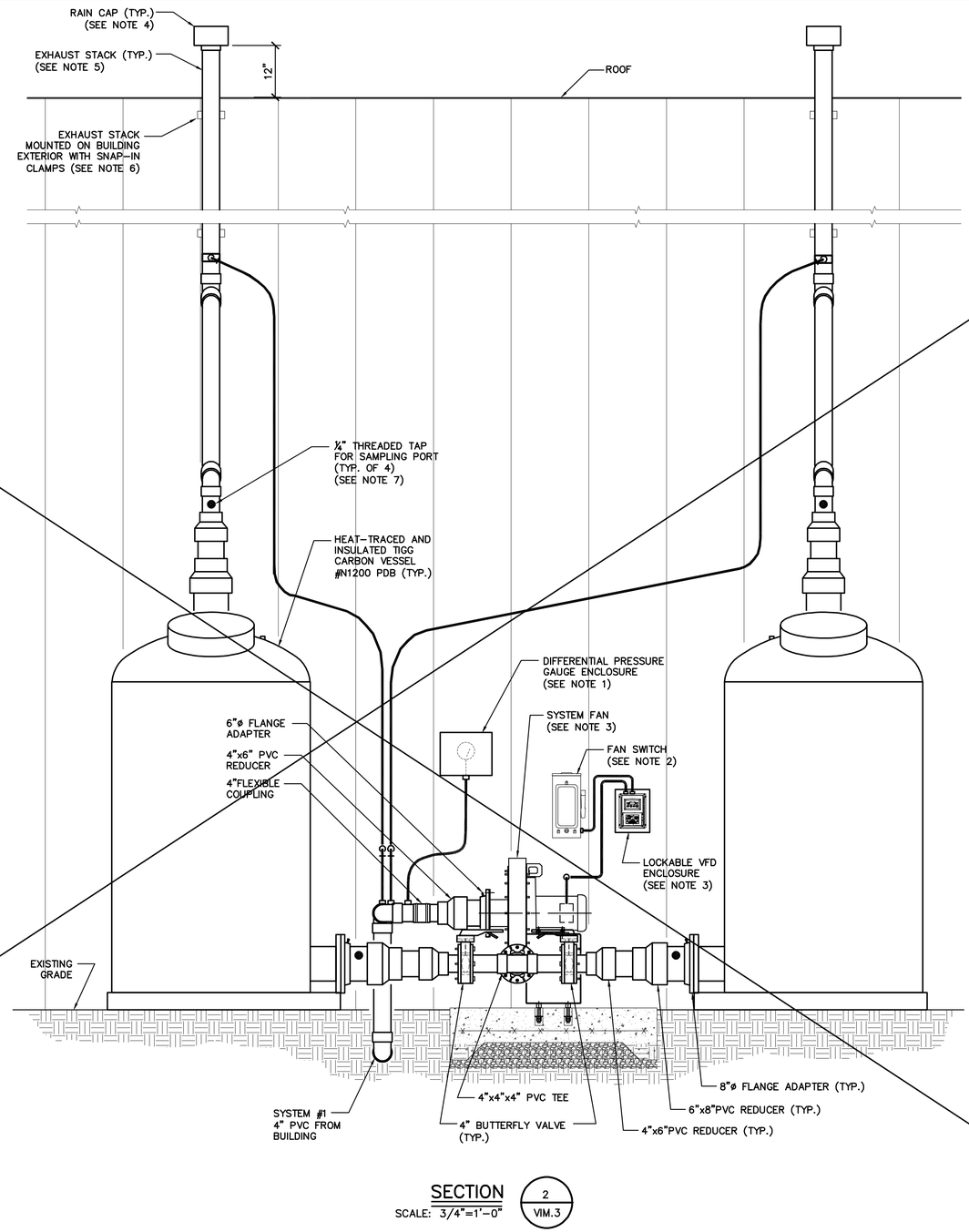
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Sep 15, 2014 - 1:44pm



SECTION
SCALE: 3/4"=1'-0"

1 / VIM.3



SECTION
SCALE: 3/4"=1'-0"

2 / VIM.3

NOTES:

1. INSTALL DWYER MAGNEHELIC DIFFERENTIAL PRESSURE GAUGE MODEL #2025-LT (LOW TEMPERATURE OPTION, 1-REQUIRED). GAUGE SHALL BE INSTALLED IN HOFFMAN MODEL #A606CHFTC ENCLOSURE (1-REQUIRED) OR EQUAL. ENCLOSURE SHALL BE RATED NEMA 4X.
2. PROVIDE MOTOR RATED LOCKABLE WEATHERPROOF SWITCH, SQUARE D CAT. #HU361RB, OR EQUAL. CONTRACTOR TO FIELD VERIFY 240 VAC SOURCE FOR NEW 20A CIRCUIT. ALL WORK TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC AND LOCAL CODES. (1-REQUIRED)
3. SYSTEM #1 FAN: CINCINNATI FAN HP-4A14 (14"x2.875" WHEEL, ARRANGEMENT 4, CW ROTATION, BOTTOM HORIZONTAL DISCHARGE, AMCA TYPE B SPARK RESISTANT CONSTRUCTION) OR EQUAL. 2 HP MOTOR TO BE WIRED FROM A 3-PHASE, 208-230 VAC SUPPLY. THE FAN DRAWS A MAXIMUM OF 6 AMPS AND 1440 WATTS. PROVIDE WEATHER-TIGHT VFD ENCLOSURE (1-REQUIRED) AND AC TECH VFD MODEL #ESV152NO2YXE OR EQUAL (1-REQUIRED). TEST LOAD CIRCUIT PRIOR TO INSTALLATION OF FAN.
4. RCI RAIN CAP #AM04 OR EQUAL, (2-REQUIRED)
5. INSTALL 4" PVC EXHAUST STACK 1'-0" ABOVE EAVE AND A MINIMUM OF 10'-0" FROM ANY DOORS, WINDOWS, LOUVERS AND AIR INTAKES INTO CONDITIONED OR OTHERWISE OCCUPIED SPACE IF DISCHARGE POINT IS NOT AT LEAST 2'-0" ABOVE THE TOP OF SUCH OPENING.
6. RCI #SIC-04 SNAP-IN CLAMPS, OR EQUAL, MOUNTED TO THE WALL EVERY 8' MAXIMUM, OR AS REQUIRED.
7. TAP W/ ¼" NPT THREADED TAP. INSTALL ¼" THREADED NIPPLE, ¼" NPT QUARTER TURN BALL VALVE, AND ¼" HOSE BARB, 4 PLACES. TAP SHOULD BE MADE IN LOCATIONS SHOWN AND POSITIONED SO THAT HOSE BARBS ARE READILY AVAILABLE.
8. RCI #FG-43 FAN GUARD KIT (CONDENSATE BYPASS) OR EQUAL (2-REQUIRED).
9. PVC PIPE WILL BE DUAL RATED DWV/SCHEDULE 40, WITH DRY FITTINGS. JOINTS TO BE SOLVENT WELDED WITH CLEAR LOW VOLATILE ORGANIC COMPOUND (VOC) GLUE AND PRIMER (PS OR HERCULES).
10. GEOCELL 3300 POLYEURETHANE SEALANT.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: _____

STATE OF NEW YORK
DOUGLAS M CRAWFORD
086649
LICENSED PROFESSIONAL ENGINEER

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IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

3/4"=1'-0" 1 0 1 2 3

NO.	DATE	REVISION	INIT.
2	7/21/11	AS-BUILT	
1	9/29/10	ISSUED FOR CONSTRUCTION	
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

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SYRACUSE, NY

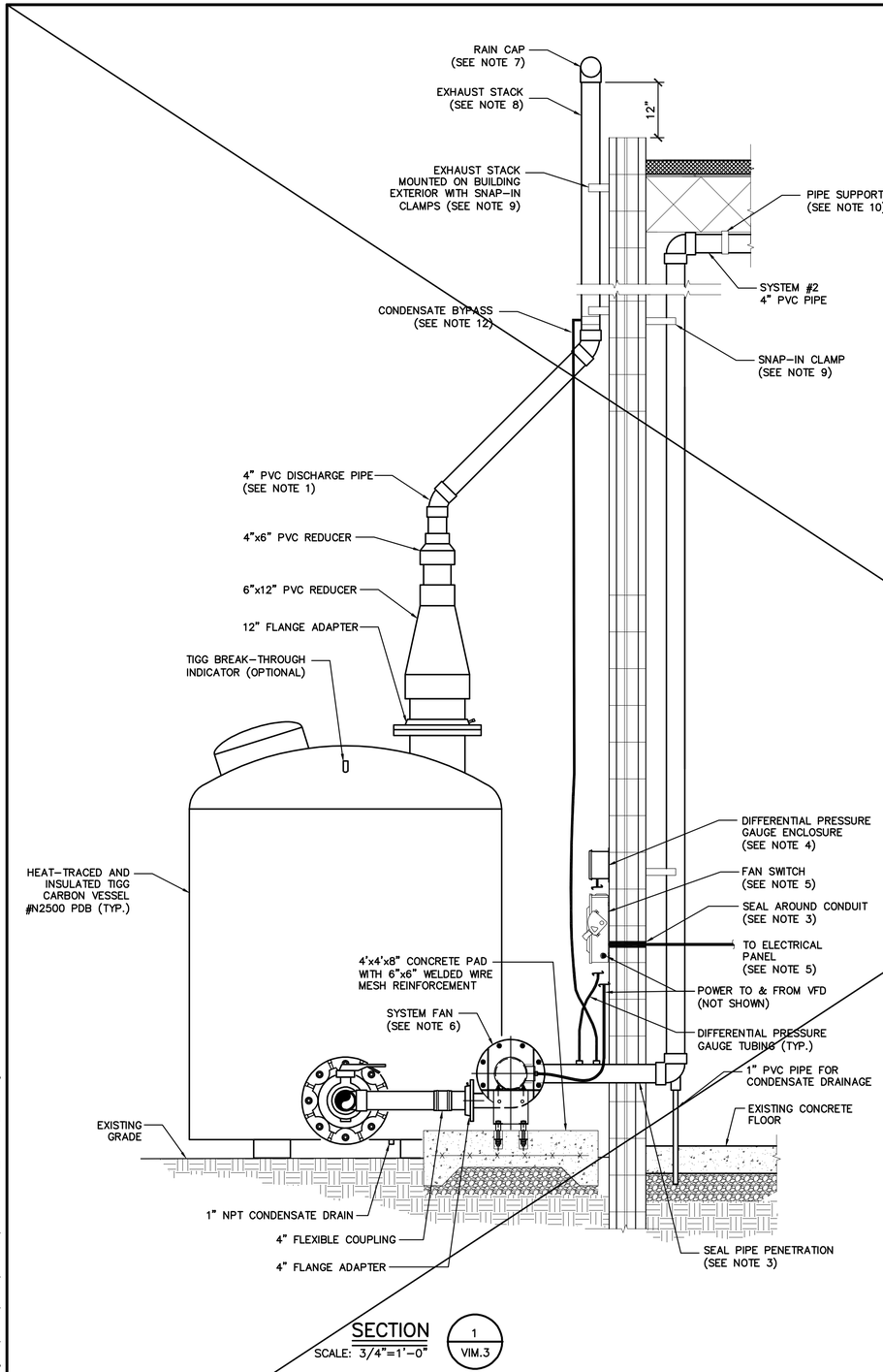
PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING, EQUIPMENT & FAN DETAILS
FOR SYSTEM #1

FILE NO. 14774.46380-008
DATE MAY 2014

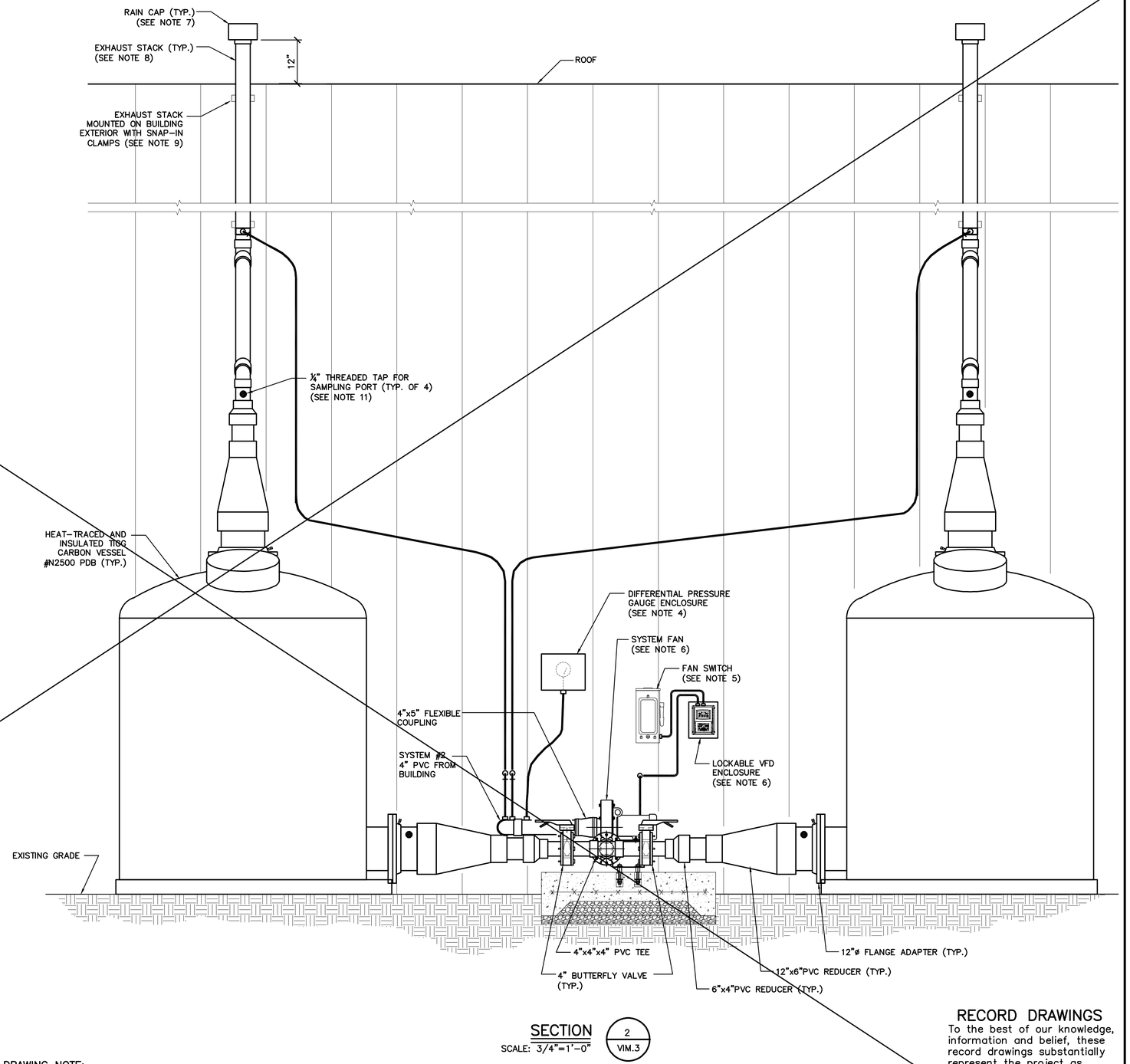
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Sep 15, 2014 - 1:46pm



SECTION
SCALE: 3/4"=1'-0"
1 / VIM.3



SECTION
SCALE: 3/4"=1'-0"
2 / VIM.3

DRAWING NOTE:

1. REFER TO SHEET NUMBER VIM.5b FOR SECTION NOTES.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
O'BRIEN & GERE ENGINEERS, INC.
By: _____

STATE OF NEW YORK
DOUGLAS M. CRAWFORD
088635
LICENSED PROFESSIONAL ENGINEER

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DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

3/4"=1'-0" (1 0 1 2 3)

NO.	DATE	REVISION	INIT.
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0	8/3/10	ISSUED FOR NYSDEC REVIEW	

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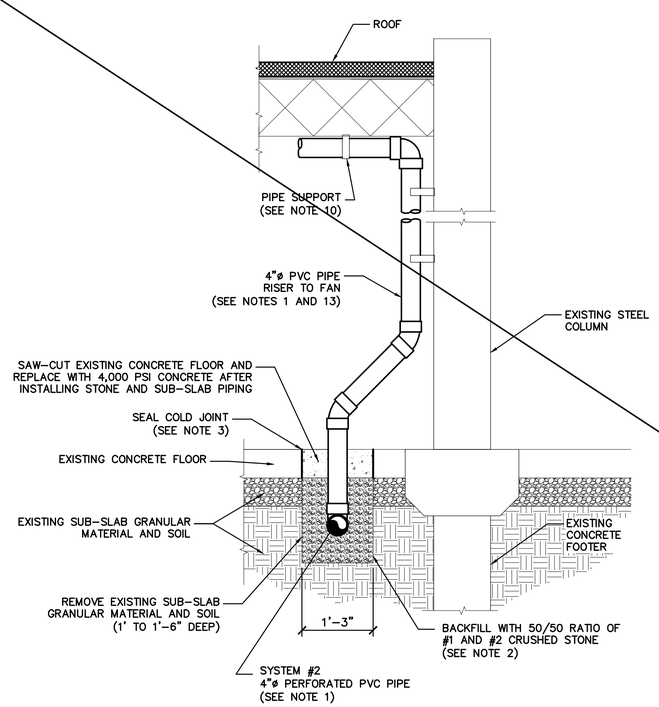
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PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING, EQUIPMENT & FAN DETAILS
FOR SYSTEM #2

FILE NO. 14774.46380-009
DATE MAY 2014
VIM.5a

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Sep 15, 2014 - 1:47pm



SECTION (3 / VIM.3)
SCALE: 3/4"=1'-0"

NOTES:

1. PVC PIPE WILL BE DUAL RATED DWV/SCHEDULE 40, WITH DRY FITTINGS. JOINTS TO BE SOLVENT WELDED WITH CLEAR LOW VOLITILE ORGANIC COMPOUND (VOC) GLUE AND PRIMER (PS OR HERCULES). PERFORATED PIPE TO BE PERFORATED USING "NEW ENGLAND PERFORATION" PATTERN (TWO ROWS OF 1/2"ø HOLES 120 DEGREES APART, AND 6" CENTERS). PIPE TO BE INSTALLED WITH HOLES DOWN.

2. REQUIREMENTS FOR 50/50 RATIO OF #1 AND #2 CRUSHED STONE:

PERCENTAGE BY WEIGHT PASSING THE FOLLOWING SQUARE HOLE OPENINGS				
	SCREEN SIZE			
SIZE DESIGNATION	1-1/2"	1"	1/2"	1/4"
#1 CRUSHED STONE	--	100	90-100	0-15
#2 CRUSHED STONE	100	90-100	0-15	--

3. GEOCEL 3300 POLYURETHANE SEALANT OR EQUAL.

4. INSTALL DWYER MAGNEHELIC DIFFERENTIAL PRESSURE GAUGE MODEL 2010-LT (LOW TEMPERATURE OPTION, 1-REQUIRED). GAUGE SHALL BE INSTALLED IN HOFFMAN MODEL #A606CHFTC ENCLOSURE (1-REQUIRED) OR EQUAL. ENCLOSURE SHALL BE RATED NEMA 4X.

5. PROVIDE MOTOR RATED LOCKABLE WEATHERPROOF SWITCH, SQUARE D CAT. #HU361RB, OR EQUAL. CONTRACTOR TO FIELD VERIFY 240 VAC SOURCE FOR NEW 20A CIRCUIT. ALL WORK TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC AND LOCAL CODES. (1-REQUIRED)

6. SYSTEM #2 FAN: CINCINNATI FAN HPA (10"x1.5625" WHEEL, ARRANGEMENT 4, CW ROTATION, UP BLAST DISCHARGE, AMCA TYPE B SPARK RESISTANT CONSTRUCTION) OR EQUAL. 1/2 HP MOTOR TO BE WIRED FROM A 3-PHASE, 208-230 VAC SUPPLY. THE FAN DRAWS A MAXIMUM OF 2 AMPS AND 460 WATTS. PROVIDE WEATHER-TIGHT VFD ENCLOSURE (1-REQUIRED) AND AC TECH VFD MODEL #ESV371N02YXE OR EQUAL (1-REQUIRED). TEST LOAD CIRCUIT PRIOR TO INSTALLATION OF FAN.

7. RCI RAIN CAP #AM04 OR EQUAL, (2-REQUIRED)

8. INSTALL 4" PVC EXHAUST STACK 1'-0" ABOVE EAVE AND A MINIMUM OF 10'-0" FROM ANY DOORS, WINDOWS, LOUVERS AND AIR INTAKES INTO CONDITIONED OR OTHERWISE OCCUPIED SPACE IF DISCHARGE POINT IS NOT AT LEAST 2'-0" ABOVE THE TOP OF SUCH OPENING.

9. RCI #SIC-04 SNAP-IN CLAMPS, OR EQUAL, MOUNTED TO THE WALL EVERY 8' MAXIMUM, OR AS REQUIRED.

10. SECURE EQUIPMENT AND PIPING TO MINIMIZE ANY MOVEMENT. HORIZONTAL PIPE RUNS SHALL BE SUPPORTED EVERY 6' WITH "J" HOOKS (RCI #HT-4), STRAPS OR EQUAL AND SHALL BE SLOPED TOWARD THE SUCTION HOLE OR CONDENSATE DRAINAGE POINT IN THE FLOOR.

11. TAP W/ ¼" NPT THREADED TAP. INSTALL ¼" THREADED NIPPLE, ¼" NPT QUARTER TURN BALL VALVE, AND ¼" HOSE BARB, 4 PLACES. TAP SHOULD BE MADE IN LOCATIONS SHOWN AND POSITIONED SO THAT HOSE BARBS ARE READILY AVAILABLE.

12. RCI #FG-43 FAN GUARD KIT (CONDENSATE BYPASS) OR EQUAL (2-REQUIRED).

13. VERTICAL PIPE RUNS SHALL BE SUPPORTED EVERY 8 FEET (MAXIMUM) OR AS REQUIRED.

RECORD DRAWINGS
To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.
By: O'BRIEN & GERE ENGINEERS, INC.

STATE OF NEW YORK
DOUGLAS M. CRAWFORD
086439
LICENSED PROFESSIONAL ENGINEER

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IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

3/4"=1'-0" (1 0 1 2 3)

NO.	DATE	REVISION	INIT.
2	7/21/11	AS-BUILT	
1	9/29/10	ISSUED FOR CONSTRUCTION	
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

O'BRIEN & GERE

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RACER TRUST
FORMER INLAND
FISHER GUIDE FACILITY
SYRACUSE, NY

PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING, EQUIPMENT & FAN DETAILS
FOR SYSTEM #2

FILE NO. 14774.46380-010
DATE MAY 2014

VIM.5b

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Appendix C

Debris Reuse

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9676 • **Fax:** (518) 402-9020
Website: www.dec.ny.gov

Joe Martens
Commissioner

March 29, 2011

Pamela Barnett
Bow Environmental Solutions
Motors Liquidation Company
3400 DeWeese Parkway
Dayton, Ohio 45414

Re: General Motors- Former Inland Fisher Guide Facility/ Ley Creek Deferred Media Site
Administrative Order on Consent Index # D-7-0001-97-06
Re-use of Concrete Debris from VI Mitigation IRM Trench Installation

Dear Ms. Barnett:

The New York State Department of Environmental Conservation has reviewed MLC's request of February 9, 2011 for reuse of concrete debris and soil from the VI Mitigation IRM trench installation. Based upon the information supplied in the notice with that letter, which described the origination, characterization, and proposed use of the material, the material may be utilized as specified in the request as on-site fill in the vicinity of the former bulk handling track bed in accordance with 6 NYCRR 360 1.15 (d).

If you have any questions regarding this letter, please call me at 518-402-9676.

Sincerely,

Robert Edwards
Project Manager

c: C. Leary

ec: D. Hesler/File (734057)
M. Sergott- NYSDOH
M. Sheen -Region 7
H. Warner- Region 7
R. Edwards
eDocs: letter.HW734057.2011-03-29.debrisreuse-VI-IRM.pdf

TRANSMITTAL

TO: Robert Edwards
NYSDEC Project Manager
Remedial Bureau D
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

DATE: February 9, 2011

FILE: 14774/46380

RE: Motors Liquidation Company
Former IFG Facility
(Site No. 7-34-057)

WE ARE SENDING YOU:

X herewith under separate cover drawings X descriptive literature letters

If material received is not as listed, please notify us at once.

Quantity	Title	Action*
1	Construction Debris Reuse Characterization for Reuse On-site: concrete and soil from installation of a trench associated with the Phase 1 Vapor Intrusion Mitigation IRM	Y

Action letter code:* ***R**-reviewed* ***N****-reviewed and noted* ***I****-for your information*
S*-resubmit* ***J****-rejected* ***Y****-for your approval*

REMARKS: ENCLOSED IS A FORM DESCRIBING THE RATIONALE FOR CHARACTERIZATION OF CONCRETE AND SOIL THAT IS PROPOSED FOR REUSE ON-SITE. ASSOCIATED LABORATORY RESULTS ARE ALSO INCLUDED.

cc: Pam Barnett - MLC

Very truly yours,

O'Brien & Gere Engineers, Inc.

Judith M. Rank

Judith M. Rank
Project Engineer

I:\Mlc.14774\46380.Mlc-Vi-Mitigati\N-D\Debris Reuse Form\DEC_Transmittal_02-09-11.doc

CONFIDENTIALITY

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Construction Debris Characterization for Reuse On-site
Former IFG Facility (Registry # 7-34-057)
NYSDEC Order on Consent Index # D-7-0001-97-06

Sources of debris:

a) Concrete debris was generated during installation of a trench in Bays E8 through E11 in the former Manufacturing Building at the Former IFG Facility.
b) Soil was generated during installation of a trench in Bays E8 through E11 in the former Manufacturing Building at the Former IFG Facility.

The location of the trench is depicted on the attached figure. The trench was installed as part of the Phase 1 Vapor Intrusion Mitigation IRM

Proposed characterization analyses:

a) PCBs; Analytical results are attached (*MLC VI CONCRETE*).
b) VOCs, PCBs, total metals, TCLP metals; Analytical results attached (*MLC VI SOIL*)

Characterization rationale:

a) Concrete debris generated during installation of the trench was analyzed for PCBs because of historical operations at the facility and because it was not likely to be impacted with other constituents.
b) Soil generated during installation of the trench was analyzed for VOCs, PCBs, total metals and TCLP metals in accordance with the June 2010 *Vapor Mitigation IRM Work Plan* and the August 1999 *Generic Work Plan for Manufacturing Building Floor and Subsurface Soil Removal*.

Proposed on-site use for debris (describe location):

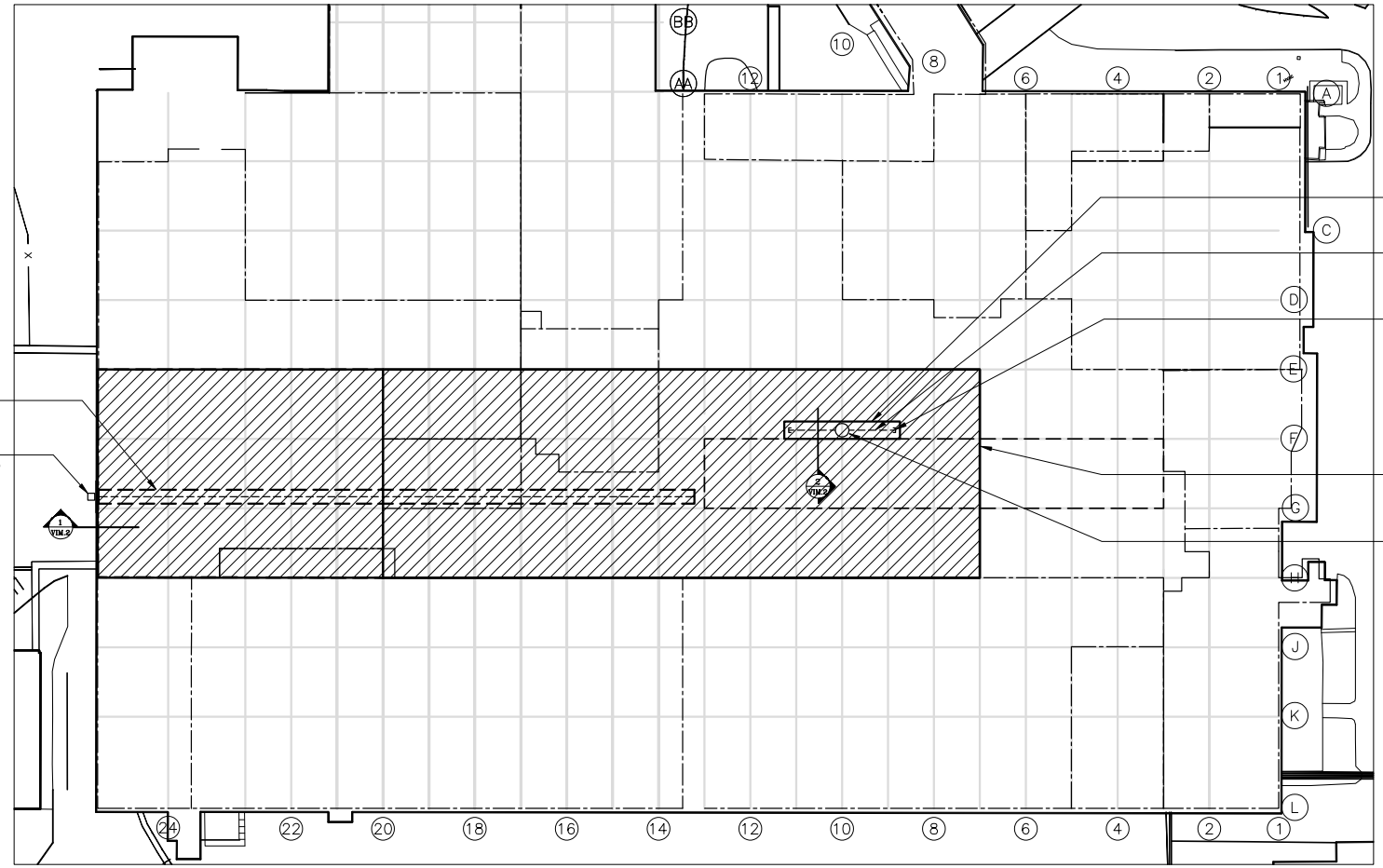
a) Based on the PCB analytical results (0.60 mg/kg), MLC proposes to use the concrete debris generated from trench installation (approximately 9 cubic yards) as fill material in the southeast property area in the vicinity of the former bulk handling building track bed.
b) PCBs, VOCs and metals detected in the soil generated during installation of the trench were below Part 375 Industrial Restricted Use Soil Cleanup Criteria. Therefore, it is proposed that this material (approximately 5 cubic yards) be reused as fill material in the southeast property area in the vicinity of the former bulk handling building track bed.

Pamela L. Barnett

Pamela Barnett
Motors Liquidation Company Project Manager

Date: February 9, 2011

I:\Mlc.14774\46380.Mlc-Vi-Mitigati\N-D\trench debris reuse form_01-17-11.doc



PLAN
SCALE: 1"=50'-0"

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 8/3/10

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IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

1"=50' 50 0 50 100

NO.	DATE	REVISION	INIT.
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

O'BRIEN & GERE

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MOTORS LIQUIDATION COMPANY
FORMER INLAND
FISHER GUIDE FACILITY
SYRACUSE, NY

PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING PLAN

FILE NO. 14774.46380-VIM.1
DATE AUGUST 2010

VIM.1

Aug 03, 2010 - 3:45pm
I:\Mlc.14774\46380.MIc-Vi-Milrpt\Docs\DWG\Sheets\46380 Ph1_VIM 1 and 2.dwg

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RTL1183

Project Description

MLC Former IFG Facility- VI Disposal Analysis

For:

Judith Rank

Motors Liquidation Corp. (OBG)

333 West Washington St., PO Box 4873

Syracuse, NY 13221

Melissa Deyo

Melissa Deyo For Denise Giglia

Project Manager

melissa.deyo@testamericainc.com

Wednesday, January 12, 2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

TestAmerica Buffalo
Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parame ters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Due to the nature of Zinc and Barium in the extractor blank fluid from which the blank spike is created, Zinc and Barium are elevated in the blank spike. All samples are below the TCLP regulatory limit for Barium, therefore data is accepted.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
BT	Analyte detected in the TCLP Extractor Blank. Analyte at least five times less than the TCLP Regulatory limit.
D07	Dilution required due to the nature of the TCLP matrix
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
N1	See case narrative.
QSU	Sulfur (EPA 3660) clean-up performed on extract.
R2	The RPD exceeded the acceptance limit.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1183-01 (MLC VI CONCRETE - Solid)						**Sampled: 12/17/10 09:15**		**Recvd: 12/18/10 10:45**		
Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1248	**600**	QSU	22	4.3	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1254	**270**	QSU	22	4.6	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1260	**41**	QSU	22	10	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
General Chemistry Parameters										
Percent Solids	**75**		0.010	NR	%	1.00	12/21/10 10:13	AV	10L1683	Dry Weight
Sample ID: RTL1183-02 (MLC VI SOIL - Solid)						**Sampled: 12/17/10 08:50**		**Recvd: 12/18/10 10:45**		
Volatile Organic Compounds by EPA 8260B										
Acetone	**6.9**	J	28	4.7	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Methylene Chloride	**5.7**		5.6	2.6	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Xylenes, total	**1.6**	J	11	0.94	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1248	**170**	QSU	18	3.6	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Total Metals by SW 846 Series Methods										
Barium	**29.2**		0.543	0.120	mg/kg dry	1.00	12/22/10 13:01	LMH	10L1676	6010B
Chromium	**0.292**	J	0.543	0.217	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Copper	**0.3**	J	1.1	0.2	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Nickel	**1.85**	J	5.43	0.250	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Zinc	**4.9**	B	2.2	0.2	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Mercury	**0.0162**	J	0.0221	0.0090	mg/kg dry	1.00	01/11/11 12:45	JRK	11A0131	7471A
TCLP Metals										
Barium	**0.528**	BT, N1, B	0.0020	0.0007	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Chromium	**0.0027**	J, B	0.0040	0.0009	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Copper	**0.0024**	J, B	0.0100	0.0015	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Nickel	**0.0170**		0.0100	0.0013	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Zinc	**0.0450**	N1, B	0.0100	0.0036	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
General Chemistry Parameters										
Percent Solids	**89**		0.010	NR	%	1.00	12/21/10 10:15	AV	10L1683	Dry Weight

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MLC VI CONCRETE	RTL1183-01	Solid	12/17/10 09:15	12/18/10 10:45	
MLC VI SOIL	RTL1183-02	Solid	12/17/10 08:50	12/18/10 10:45	

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1183-01 (MLC VI CONCRETE - Solid)						**Sampled: 12/17/10 09:15**		**Recvd: 12/18/10 10:45**		
Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	QSU	22	4.3	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1221	ND	QSU	22	4.3	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1232	ND	QSU	22	4.3	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1242	ND	QSU	22	4.7	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1248	**600**	QSU	22	4.3	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1254	**270**	QSU	22	4.6	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1260	**41**	QSU	22	10	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1262	ND	QSU	22	4.6	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Aroclor 1268	ND	QSU	22	4.6	ug/kg dry	1.00	12/23/10 13:30	tchro	10L1699	8082
Decachlorobiphenyl	*91 %*	*QSU*	*Surr Limits: (34-148%)*				*12/23/10 13:30*	*tchro*	*10L1699*	*8082*
Tetrachloro-m-xylene	*107 %*	*QSU*	*Surr Limits: (35-134%)*				*12/23/10 13:30*	*tchro*	*10L1699*	*8082*
General Chemistry Parameters										
Percent Solids	**75**		0.010	NR	%	1.00	12/21/10 10:13	AV	10L1683	Dry Weight

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

Analytical Report

Sample ID: RTL1183-02 (MLC VI SOIL - Solid) **Sampled: 12/17/10 08:50** **Recvd: 12/18/10 10:45**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		5.6	0.40	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,1,2,2-Tetrachloroethane	ND		5.6	0.90	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,1,2-Trichloroethane	ND		5.6	0.72	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,1,2-Trichlorotrifluoroethane	ND		5.6	1.3	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,1-Dichloroethane	ND		5.6	0.68	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,1-Dichloroethene	ND		5.6	0.68	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dibromo-3-chloropropane	ND		5.6	2.8	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dibromoethane (EDB)	ND		5.6	0.72	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dichlorobenzene	ND		5.6	0.44	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dichloroethane	ND		5.6	0.28	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dichloroethene, Total	ND		11	2.9	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dichloropropane	ND		5.6	2.8	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,3-Dichlorobenzene	ND		5.6	0.29	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,4-Dichlorobenzene	ND		5.6	0.78	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
2-Butanone (MEK)	ND		28	2.0	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
2-Hexanone	ND		28	2.8	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Acetone	**6.9**	J	28	4.7	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Benzene	ND		5.6	0.27	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Bromodichloromethane	ND		5.6	0.75	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Bromoform	ND		5.6	2.8	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Bromomethane	ND		5.6	0.50	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Carbon disulfide	ND		5.6	2.8	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Carbon Tetrachloride	ND		5.6	0.54	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Chlorobenzene	ND		5.6	0.74	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Chlorodibromomethane	ND		5.6	0.71	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Chloroethane	ND		5.6	1.3	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Chloroform	ND		5.6	0.34	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Chloromethane	ND		5.6	0.34	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
cis-1,2-Dichloroethene	ND		5.6	0.71	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Cyclohexane	ND		5.6	0.78	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Dichlorodifluoromethane	ND		5.6	0.46	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Ethylbenzene	ND		5.6	0.38	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Isopropylbenzene	ND		5.6	0.84	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Methyl Acetate	ND		5.6	1.0	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Methyl tert-Butyl Ether	ND		5.6	0.55	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Methylcyclohexane	ND		5.6	0.85	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Methylene Chloride	**5.7**		5.6	2.6	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Styrene	ND		5.6	0.28	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Tetrachloroethene	ND		5.6	0.75	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Toluene	ND		5.6	0.42	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
trans-1,2-Dichloroethene	ND		5.6	0.57	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Trichloroethene	ND		5.6	1.2	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

Analytical Report

Sample ID: RTL1183-02 (MLC VI SOIL - Solid) - cont. **Sampled: 12/17/10 08:50** **Recvd: 12/18/10 10:45**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B - cont.										
Trichlorofluoromethane	ND		5.6	0.53	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Vinyl chloride	ND		5.6	0.68	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
Xylenes, total	**1.6**	J	11	0.94	ug/kg dry	1.00	12/21/10 05:27	CDC	10L1703	8260B
1,2-Dichloroethane-d4	*98 %*		*Surr Limits: (64-126%)*				*12/21/10 05:27*	*CDC*	*10L1703*	*8260B*
4-Bromofluorobenzene	*98 %*		*Surr Limits: (72-126%)*				*12/21/10 05:27*	*CDC*	*10L1703*	*8260B*
Toluene-d8	*100 %*		*Surr Limits: (71-125%)*				*12/21/10 05:27*	*CDC*	*10L1703*	*8260B*
TCLP Volatile Organic Compounds by EPA Method 1311/8260B										
1,1-Dichloroethene	ND	D07	10	2.9	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
1,2-Dichloroethane	ND	D07	10	2.1	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
2-Butanone (MEK)	ND	D07	100	13	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Benzene	ND	D07	10	4.1	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Carbon Tetrachloride	ND	D07	10	2.7	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Chlorobenzene	ND	D07	10	7.5	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Chloroform	ND	D07	10	3.4	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Tetrachloroethene	ND	D07	10	3.6	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Trichloroethene	ND	D07	10	4.6	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
Vinyl chloride	ND	D07	10	9.0	ug/L	10.0	12/22/10 03:19	NMD	10L1818	8260B TCLP
1,2-Dichloroethane-d4	*96 %*	*D07*	*Surr Limits: (66-137%)*				*12/22/10 03:19*	*NMD*	*10L1818*	*8260B TCLP*
4-Bromofluorobenzene	*102 %*	*D07*	*Surr Limits: (73-120%)*				*12/22/10 03:19*	*NMD*	*10L1818*	*8260B TCLP*
Toluene-d8	*92 %*	*D07*	*Surr Limits: (71-126%)*				*12/22/10 03:19*	*NMD*	*10L1818*	*8260B TCLP*
Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	QSU	18	3.6	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1221	ND	QSU	18	3.6	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1232	ND	QSU	18	3.6	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1242	ND	QSU	18	4.0	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1248	**170**	QSU	18	3.6	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1254	ND	QSU	18	3.9	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1260	ND	QSU	18	8.6	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1262	ND	QSU	18	3.9	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Aroclor 1268	ND	QSU	18	3.9	ug/kg dry	1.00	12/23/10 13:45	tchro	10L1699	8082
Decachlorobiphenyl	*81 %*	*QSU*	*Surr Limits: (34-148%)*				*12/23/10 13:45*	*tchro*	*10L1699*	*8082*
Tetrachloro-m-xylene	*100 %*	*QSU*	*Surr Limits: (35-134%)*				*12/23/10 13:45*	*tchro*	*10L1699*	*8082*
Total Metals by SW 846 Series Methods										
Arsenic	ND		2.2	0.4	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Barium	**29.2**		0.543	0.120	mg/kg dry	1.00	12/22/10 13:01	LMH	10L1676	6010B
Chromium	**0.292**	J	0.543	0.217	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Copper	**0.3**	J	1.1	0.2	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Lead	ND		1.1	0.3	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Nickel	**1.85**	J	5.43	0.250	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Zinc	**4.9**	B	2.2	0.2	mg/kg dry	1.00	12/22/10 11:47	LMH	10L1676	6010B
Mercury	**0.0162**	J	0.0221	0.0090	mg/kg dry	1.00	01/11/11 12:45	JRK	11A0131	7471A
TCLP Metals										
Arsenic	ND		0.0100	0.0056	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Barium	**0.528**	BT, N1, B	0.0020	0.0007	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Chromium	**0.0027**	J, B	0.0040	0.0009	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP

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Received: 12/18/10
Reported: 01/12/11 08:26

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1183-02 (MLC VI SOIL - Solid) - cont.						**Sampled: 12/17/10 08:50**		**Recvd: 12/18/10 10:45**		
TCLP Metals - cont.										
Copper	**0.0024**	J, B	0.0100	0.0015	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Lead	ND		0.0050	0.0030	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Nickel	**0.0170**		0.0100	0.0013	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
Zinc	**0.0450**	N1, B	0.0100	0.0036	mg/L	1.00	12/22/10 11:47	LMH	10L1791	6010B TCLP
General Chemistry Parameters										
Percent Solids	**89**		0.010	NR	%	1.00	12/21/10 10:15	AV	10L1683	Dry Weight

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1183-02RE1 (MLC VI SOIL - Solid)						**Sampled: 12/17/10 08:50**		**Recvd: 12/18/10 10:45**		
TCLP Metals										
Mercury	ND		0.0002	0.0001	mg/L	1.00	01/08/11 10:25	JRK	11A0116	7470A TCLP

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SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
Dry Weight	10L1683	RTL1183-01	10.00	g	10.00	g	12/20/10 14:58	CXM	Dry Weight
Dry Weight	10L1683	RTL1183-02	10.00	g	10.00	g	12/20/10 14:58	CXM	Dry Weight
Polychlorinated Biphenyls by EPA Method 8082									
8082	10L1699	RTL1183-01	30.69	g	10.00	mL	12/21/10 10:00	CXM	3550B GC
8082	10L1699	RTL1183-02	30.74	g	10.00	mL	12/21/10 10:00	CXM	3550B GC
TCLP Metals									
6010B TCLP	10L1791	RTL1183-02	50.00	mL	50.00	mL	12/21/10 15:45	MDM	3010A
7470A TCLP	11A0116	RTL1183-02RE1	30.00	mL	50.00	mL	01/07/11 16:25	JRK	7470A
TCLP Volatile Organic Compounds by EPA Method 1311/8260B									
8260B TCLP	10L1818	RTL1183-02	5.00	mL	5.00	mL	12/21/10 21:00	NMD	5030B MS TCLP
Total Metals by SW 846 Series Methods									
6010B	10L1676	RTL1183-02	0.52	g	50.00	mL	12/21/10 10:15	MDM	3050B
6010B	10L1676	RTL1183-02	0.52	g	50.00	mL	12/21/10 10:15	MXM	3050B
7471A	11A0131	RTL1183-02	0.61	g	50.00	mL	01/11/11 11:34	JRK	7471A_
Volatile Organic Compounds by EPA 8260B									
8260B	10L1703	RTL1183-02	5.07	g	5.00	mL	12/20/10 17:24	CDC	5030B MS

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/20/10 (Lab Number:10L1703-BLK1, Batch: 10L1703)											
1,1,1-Trichloroethane			5.0	0.36	ug/kg wet	ND					
1,1,2,2-Tetrachloroethane			5.0	0.81	ug/kg wet	ND					
1,1,2-Trichloroethane			5.0	0.65	ug/kg wet	ND					
1,1,2-Trichlorotrifluoroethane			5.0	1.1	ug/kg wet	ND					
1,1-Dichloroethane			5.0	0.61	ug/kg wet	ND					
1,1-Dichloroethene			5.0	0.61	ug/kg wet	ND					
1,2,4-Trichlorobenzene			5.0	0.30	ug/kg wet	ND					
1,2-Dibromo-3-chloropropane			5.0	2.5	ug/kg wet	ND					
1,2-Dibromoethane (EDB)			5.0	0.64	ug/kg wet	ND					
1,2-Dichlorobenzene			5.0	0.39	ug/kg wet	ND					
1,2-Dichloroethane			5.0	0.25	ug/kg wet	ND					
1,2-Dichloroethene, Total			10	2.6	ug/kg wet	ND					
1,2-Dichloropropane			5.0	2.5	ug/kg wet	ND					
1,3-Dichlorobenzene			5.0	0.26	ug/kg wet	ND					
1,4-Dichlorobenzene			5.0	0.70	ug/kg wet	ND					
2-Butanone (MEK)			25	1.8	ug/kg wet	ND					
2-Hexanone			25	2.5	ug/kg wet	ND					
4-Methyl-2-pentanone (MIBK)			25	1.6	ug/kg wet	ND					
Acetone			25	4.2	ug/kg wet	ND					
Benzene			5.0	0.24	ug/kg wet	ND					
Bromodichloromethane			5.0	0.67	ug/kg wet	ND					
Bromoform			5.0	2.5	ug/kg wet	ND					
Bromomethane			5.0	0.45	ug/kg wet	ND					
Carbon disulfide			5.0	2.5	ug/kg wet	ND					
Carbon Tetrachloride			5.0	0.48	ug/kg wet	ND					
Chlorobenzene			5.0	0.66	ug/kg wet	ND					
Chlorodibromomethane			5.0	0.64	ug/kg wet	ND					
Chloroethane			5.0	1.1	ug/kg wet	ND					
Chloroform			5.0	0.31	ug/kg wet	ND					
Chloromethane			5.0	0.30	ug/kg wet	ND					
cis-1,2-Dichloroethene			5.0	0.64	ug/kg wet	ND					
cis-1,3-Dichloropropene			5.0	0.72	ug/kg wet	ND					
Cyclohexane			5.0	0.70	ug/kg wet	ND					
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND					
Ethylbenzene			5.0	0.34	ug/kg wet	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 12/20/10 (Lab Number:10L1703-BLK1, Batch: 10L1703)											
Isopropylbenzene			5.0	0.75	ug/kg wet	ND					
Methyl Acetate			5.0	0.93	ug/kg wet	1.1					J
Methyl tert-Butyl Ether			5.0	0.49	ug/kg wet	ND					
Methylcyclohexane			5.0	0.76	ug/kg wet	ND					
Methylene Chloride			5.0	2.3	ug/kg wet	ND					
Styrene			5.0	0.25	ug/kg wet	ND					
Tetrachloroethene			5.0	0.67	ug/kg wet	ND					
Toluene			5.0	0.38	ug/kg wet	ND					
trans-1,2-Dichloroethene			5.0	0.52	ug/kg wet	ND					
trans-1,3-Dichloropropene			5.0	2.2	ug/kg wet	ND					
Trichloroethene			5.0	1.1	ug/kg wet	ND					
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND					
Vinyl chloride			5.0	0.61	ug/kg wet	ND					
Xylenes, total			10	0.84	ug/kg wet	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*102*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*104*	*72-126*			
Surrogate: Toluene-d8					*ug/kg wet*		*107*	*71-125*			
LCS Analyzed: 12/20/10 (Lab Number:10L1703-BS1, Batch: 10L1703)											
1,1,1-Trichloroethane		50.0	5.0	0.36	ug/kg wet	51.1	102	77-121			
1,1,2,2-Tetrachloroethane		50.0	5.0	0.81	ug/kg wet	57.4	115	70-122			
1,1,2-Trichloroethane		50.0	5.0	0.65	ug/kg wet	55.2	110	78-122			
1,1,2-Trichlorotrifluoroethane		50.0	5.0	1.1	ug/kg wet	49.9	100	60-140			
1,1-Dichloroethane		50.0	5.0	0.61	ug/kg wet	51.2	102	79-126			
1,1-Dichloroethene		50.0	5.0	0.61	ug/kg wet	42.8	86	65-153			
1,2,4-Trichlorobenzene		50.0	5.0	0.30	ug/kg wet	54.0	108	64-120			
1,2-Dibromo-3-chloropropane		50.0	5.0	2.5	ug/kg wet	59.1	118	63-124			
1,2-Dibromoethane (EDB)		50.0	5.0	0.64	ug/kg wet	57.0	114	78-120			
1,2-Dichlorobenzene		50.0	5.0	0.39	ug/kg wet	55.0	110	75-120			
1,2-Dichloroethane		50.0	5.0	0.25	ug/kg wet	54.2	108	77-122			
1,2-Dichloroethene, Total		100	10	2.6	ug/kg wet	103	103	82-120			
1,2-Dichloropropane		50.0	5.0	2.5	ug/kg wet	53.2	106	75-124			
1,3-Dichlorobenzene		50.0	5.0	0.26	ug/kg wet	53.6	107	74-120			
1,4-Dichlorobenzene		50.0	5.0	0.70	ug/kg wet	52.8	106	73-120			
2-Butanone (MEK)		250	25	1.8	ug/kg wet	310	124	70-134			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 12/20/10 (Lab Number:10L1703-BS1, Batch: 10L1703)											
2-Hexanone		250	25	2.5	ug/kg wet	311	125	59-130			
4-Methyl-2-pentanone (MIBK)		250	25	1.6	ug/kg wet	311	124	65-133			
Acetone		250	25	4.2	ug/kg wet	313	125	61-137			
Benzene		50.0	5.0	0.24	ug/kg wet	51.7	103	79-127			
Bromodichloromethane		50.0	5.0	0.67	ug/kg wet	56.2	112	80-122			
Bromoform		50.0	5.0	2.5	ug/kg wet	48.8	98	68-126			
Bromomethane		50.0	5.0	0.45	ug/kg wet	52.5	105	37-149			
Carbon disulfide		50.0	5.0	2.5	ug/kg wet	50.3	101	64-131			
Carbon Tetrachloride		50.0	5.0	0.48	ug/kg wet	50.5	101	75-135			
Chlorobenzene		50.0	5.0	0.66	ug/kg wet	52.6	105	76-124			
Chlorodibromomethane		50.0	5.0	0.64	ug/kg wet	51.3	103	76-125			
Chloroethane		50.0	5.0	1.1	ug/kg wet	53.4	107	69-135			
Chloroform		50.0	5.0	0.31	ug/kg wet	52.2	104	80-118			
Chloromethane		50.0	5.0	0.30	ug/kg wet	55.8	112	63-127			
cis-1,2-Dichloroethene		50.0	5.0	0.64	ug/kg wet	53.2	106	81-117			
cis-1,3-Dichloropropene		50.0	5.0	0.72	ug/kg wet	54.5	109	82-120			
Cyclohexane		50.0	5.0	0.70	ug/kg wet	50.3	101	70-130			
Dichlorodifluoromethane		50.0	5.0	0.41	ug/kg wet	55.6	111	57-142			
Ethylbenzene		50.0	5.0	0.34	ug/kg wet	52.0	104	80-120			
Isopropylbenzene		50.0	5.0	0.75	ug/kg wet	49.9	100	72-120			
Methyl Acetate		50.0	5.0	0.93	ug/kg wet	113	226	60-140			L,B
Methyl tert-Butyl Ether		50.0	5.0	0.49	ug/kg wet	53.7	107	63-125			
Methylcyclohexane		50.0	5.0	0.76	ug/kg wet	52.4	105	60-140			
Methylene Chloride		50.0	5.0	2.3	ug/kg wet	48.7	97	61-127			
Styrene		50.0	5.0	0.25	ug/kg wet	52.8	106	80-120			
Tetrachloroethene		50.0	5.0	0.67	ug/kg wet	51.0	102	74-122			
Toluene		50.0	5.0	0.38	ug/kg wet	51.0	102	74-128			
trans-1,2-Dichloroethene		50.0	5.0	0.52	ug/kg wet	49.9	100	78-126			
trans-1,3-Dichloropropene		50.0	5.0	2.2	ug/kg wet	55.1	110	73-123			
Trichloroethene		50.0	5.0	1.1	ug/kg wet	51.8	104	77-129			
Trichlorofluoromethane		50.0	5.0	0.47	ug/kg wet	54.8	110	65-146			
Vinyl chloride		50.0	5.0	0.61	ug/kg wet	55.3	111	61-133			
Xylenes, total		150	10	0.84	ug/kg wet	158	106	80-120			
Surrogate: 1,2-Dichloroethane-d4					*ug/kg wet*		*108*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg wet*		*109*	*72-126*			
Surrogate: Toluene-d8					*ug/kg wet*		*109*	*71-125*			

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 12/20/10 (Lab Number:10L1703-BS1, Batch: 10L1703)

Matrix Spike Analyzed: 12/21/10 (Lab Number:10L1703-MS1, Batch: 10L1703)

QC Source Sample: RTL1183-02

1,1,1-Trichloroethane	ND	55.2	5.5	0.40	ug/kg dry	34.1	62	77-121	M8
1,1,2,2-Tetrachloroethane	ND	55.2	5.5	0.89	ug/kg dry	30.1	55	70-122	M8
1,1,2-Trichloroethane	ND	55.2	5.5	0.72	ug/kg dry	38.3	69	78-122	M8
1,1,2-Trichlorotrifluoroethane	ND	55.2	5.5	1.3	ug/kg dry	22.5	41	60-140	M8
1,1-Dichloroethane	ND	55.2	5.5	0.67	ug/kg dry	43.8	79	79-126	
1,1-Dichloroethene	ND	55.2	5.5	0.68	ug/kg dry	33.7	61	65-153	M8
1,2,4-Trichlorobenzene	ND	55.2	5.5	0.34	ug/kg dry	7.48	14	64-120	M8
1,2-Dibromo-3-chloropropane	ND	55.2	5.5	2.8	ug/kg dry	24.1	44	63-124	M8
1,2-Dibromoethane (EDB)	ND	55.2	5.5	0.71	ug/kg dry	36.2	66	78-120	M8
1,2-Dichlorobenzene	ND	55.2	5.5	0.43	ug/kg dry	17.9	32	75-120	M8
1,2-Dichloroethane	ND	55.2	5.5	0.28	ug/kg dry	40.6	74	77-122	M8
1,2-Dichloroethene, Total	ND	110	11	2.9	ug/kg dry	85.3	77	82-120	M8
1,2-Dichloropropane	ND	55.2	5.5	2.8	ug/kg dry	39.8	72	75-124	M8
1,3-Dichlorobenzene	ND	55.2	5.5	0.28	ug/kg dry	16.2	29	74-120	M8
1,4-Dichlorobenzene	ND	55.2	5.5	0.77	ug/kg dry	16.6	30	73-120	M8
2-Butanone (MEK)	ND	276	28	2.0	ug/kg dry	171	62	70-134	M8
2-Hexanone	ND	276	28	2.8	ug/kg dry	180	65	59-130	
4-Methyl-2-pentanone (MIBK)	ND	276	28	1.8	ug/kg dry	197	71	65-133	
Acetone	6.94	276	28	4.6	ug/kg dry	178	62	61-137	
Benzene	ND	55.2	5.5	0.27	ug/kg dry	38.8	70	79-127	M8
Bromodichloromethane	ND	55.2	5.5	0.74	ug/kg dry	40.2	73	80-122	M8
Bromoform	ND	55.2	5.5	2.8	ug/kg dry	24.2	44	68-126	M8
Bromomethane	ND	55.2	5.5	0.50	ug/kg dry	80.0	145	37-149	
Carbon disulfide	ND	55.2	5.5	2.8	ug/kg dry	38.2	69	64-131	
Carbon Tetrachloride	ND	55.2	5.5	0.53	ug/kg dry	26.3	48	75-135	M8
Chlorobenzene	ND	55.2	5.5	0.73	ug/kg dry	28.4	51	76-124	M8
Chlorodibromomethane	ND	55.2	5.5	0.71	ug/kg dry	31.9	58	76-125	M8
Chloroethane	ND	55.2	5.5	1.2	ug/kg dry	63.0	114	69-135	
Chloroform	ND	55.2	5.5	0.34	ug/kg dry	43.0	78	80-118	M8
Chloromethane	ND	55.2	5.5	0.33	ug/kg dry	55.0	100	63-127	
cis-1,2-Dichloroethene	ND	55.2	5.5	0.71	ug/kg dry	44.3	80	81-117	M8
cis-1,3-Dichloropropene	ND	55.2	5.5	0.79	ug/kg dry	38.2	69	82-120	M8
Cyclohexane	ND	55.2	5.5	0.77	ug/kg dry	13.1	24	70-130	M8
Dichlorodifluoromethane	ND	55.2	5.5	0.46	ug/kg dry	46.2	84	57-142	
Ethylbenzene	ND	55.2	5.5	0.38	ug/kg dry	21.6	39	80-120	M8
Isopropylbenzene	ND	55.2	5.5	0.83	ug/kg dry	14.6	27	72-120	M8

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Project: MLC Former IFG Facility- VI Disposal Analysis
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Received: 12/18/10
Reported: 01/12/11 08:26

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Analyzed: 12/21/10 (Lab Number:10L1703-MS1, Batch: 10L1703)											
QC Source Sample: RTL1183-02											
Methyl Acetate	ND	55.2	5.5	1.0	ug/kg dry	71.6	130	60-140			B
Methyl tert-Butyl Ether	ND	55.2	5.5	0.54	ug/kg dry	42.9	78	63-125			
Methylcyclohexane	ND	55.2	5.5	0.84	ug/kg dry	7.64	14	60-140			M8
Methylene Chloride	5.67	55.2	5.5	2.5	ug/kg dry	46.0	73	61-127			
Styrene	ND	55.2	5.5	0.28	ug/kg dry	24.4	44	80-120			M8
Tetrachloroethene	ND	55.2	5.5	0.74	ug/kg dry	18.5	34	74-122			M8
Toluene	ND	55.2	5.5	0.42	ug/kg dry	31.2	57	74-128			M8
trans-1,2-Dichloroethene	ND	55.2	5.5	0.57	ug/kg dry	41.0	74	78-126			M8
trans-1,3-Dichloropropene	ND	55.2	5.5	2.4	ug/kg dry	37.5	68	73-123			M8
Trichloroethene	ND	55.2	5.5	1.2	ug/kg dry	36.6	66	77-129			M8
Trichlorofluoromethane	ND	55.2	5.5	0.52	ug/kg dry	40.0	72	65-146			
Vinyl chloride	ND	55.2	5.5	0.67	ug/kg dry	52.8	96	61-133			
Xylenes, total	1.56	165	11	0.93	ug/kg dry	63.4	37	80-120			M8
Surrogate: 1,2-Dichloroethane-d4					*ug/kg dry*		*91*	*64-126*			
Surrogate: 4-Bromofluorobenzene					*ug/kg dry*		*102*	*72-126*			
Surrogate: Toluene-d8					*ug/kg dry*		*109*	*71-125*			
Matrix Spike Dup Analyzed: 12/21/10 (Lab Number:10L1703-MSD1, Batch: 10L1703)											
QC Source Sample: RTL1183-02											
1,1,1-Trichloroethane	ND	55.7	5.6	0.40	ug/kg dry	39.6	71	77-121	15	20	M8
1,1,2,2-Tetrachloroethane	ND	55.7	5.6	0.90	ug/kg dry	22.0	40	70-122	31	20	M8,R2
1,1,2-Trichloroethane	ND	55.7	5.6	0.72	ug/kg dry	39.8	71	78-122	4	20	M8
1,1,2-Trichlorotrifluoroethane	ND	55.7	5.6	1.3	ug/kg dry	28.6	51	60-140	24	20	M8,R2
1,1-Dichloroethane	ND	55.7	5.6	0.68	ug/kg dry	46.9	84	79-126	7	20	
1,1-Dichloroethene	ND	55.7	5.6	0.68	ug/kg dry	38.0	68	65-153	12	22	
1,2,4-Trichlorobenzene	ND	55.7	5.6	0.34	ug/kg dry	8.54	15	64-120	13	20	M8
1,2-Dibromo-3-chloropropane	ND	55.7	5.6	2.8	ug/kg dry	24.1	43	63-124	0.3	20	M8
1,2-Dibromoethane (EDB)	ND	55.7	5.6	0.72	ug/kg dry	37.8	68	78-120	4	20	M8
1,2-Dichlorobenzene	ND	55.7	5.6	0.44	ug/kg dry	18.1	32	75-120	0.9	20	M8
1,2-Dichloroethane	ND	55.7	5.6	0.28	ug/kg dry	42.2	76	77-122	4	20	M8
1,2-Dichloroethene, Total	ND	111	11	2.9	ug/kg dry	91.3	82	82-120	7	20	
1,2-Dichloropropane	ND	55.7	5.6	2.8	ug/kg dry	42.4	76	75-124	6	20	
1,3-Dichlorobenzene	ND	55.7	5.6	0.29	ug/kg dry	16.7	30	74-120	3	20	M8
1,4-Dichlorobenzene	ND	55.7	5.6	0.78	ug/kg dry	17.2	31	73-120	4	20	M8

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Received: 12/18/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 12/21/10 (Lab Number:10L1703-MSD1, Batch: 10L1703)											
QC Source Sample: RTL1183-02											
2-Butanone (MEK)	ND	279	28	2.0	ug/kg dry	174	62	70-134	2	20	M8
2-Hexanone	ND	279	28	2.8	ug/kg dry	187	67	59-130	4	20	
4-Methyl-2-pentanone (MIBK)	ND	279	28	1.8	ug/kg dry	202	73	65-133	3	20	
Acetone	6.94	279	28	4.7	ug/kg dry	182	63	61-137	2	15	
Benzene	ND	55.7	5.6	0.27	ug/kg dry	42.3	76	79-127	9	20	M8
Bromodichloromethane	ND	55.7	5.6	0.75	ug/kg dry	43.3	78	80-122	7	20	M8
Bromoform	ND	55.7	5.6	2.8	ug/kg dry	26.3	47	68-126	8	20	M8
Bromomethane	ND	55.7	5.6	0.50	ug/kg dry	83.5	150	37-149	4	20	M7
Carbon disulfide	ND	55.7	5.6	2.8	ug/kg dry	42.9	77	64-131	12	20	
Carbon Tetrachloride	ND	55.7	5.6	0.54	ug/kg dry	32.1	58	75-135	20	20	M8
Chlorobenzene	ND	55.7	5.6	0.74	ug/kg dry	30.5	55	76-124	7	25	M8
Chlorodibromomethane	ND	55.7	5.6	0.71	ug/kg dry	34.3	62	76-125	7	20	M8
Chloroethane	ND	55.7	5.6	1.3	ug/kg dry	65.0	117	69-135	3	20	
Chloroform	ND	55.7	5.6	0.34	ug/kg dry	45.5	82	80-118	6	20	
Chloromethane	ND	55.7	5.6	0.34	ug/kg dry	57.3	103	63-127	4	20	
cis-1,2-Dichloroethene	ND	55.7	5.6	0.71	ug/kg dry	46.6	84	81-117	5	20	
cis-1,3-Dichloropropene	ND	55.7	5.6	0.80	ug/kg dry	40.0	72	82-120	5	20	M8
Cyclohexane	ND	55.7	5.6	0.78	ug/kg dry	20.1	36	70-130	43	20	M8,R2
Dichlorodifluoromethane	ND	55.7	5.6	0.46	ug/kg dry	49.5	89	57-142	7	20	
Ethylbenzene	ND	55.7	5.6	0.38	ug/kg dry	24.5	44	80-120	13	20	M8
Isopropylbenzene	ND	55.7	5.6	0.84	ug/kg dry	17.7	32	72-120	19	20	M8
Methyl Acetate	ND	55.7	5.6	1.0	ug/kg dry	67.7	122	60-140	5	20	B
Methyl tert-Butyl Ether	ND	55.7	5.6	0.55	ug/kg dry	43.7	79	63-125	2	20	
Methylcyclohexane	ND	55.7	5.6	0.85	ug/kg dry	16.0	29	60-140	71	20	M8,R2
Methylene Chloride	5.67	55.7	5.6	2.6	ug/kg dry	47.5	75	61-127	3	15	
Styrene	ND	55.7	5.6	0.28	ug/kg dry	25.9	47	80-120	6	20	M8
Tetrachloroethene	ND	55.7	5.6	0.75	ug/kg dry	23.0	41	74-122	22	20	M8,R2
Toluene	ND	55.7	5.6	0.42	ug/kg dry	34.3	62	74-128	10	20	M8
trans-1,2-Dichloroethene	ND	55.7	5.6	0.57	ug/kg dry	44.7	80	78-126	9	20	
trans-1,3-Dichloropropene	ND	55.7	5.6	2.5	ug/kg dry	39.4	71	73-123	5	20	M8
Trichloroethene	ND	55.7	5.6	1.2	ug/kg dry	47.4	85	77-129	26	24	R2
Trichlorofluoromethane	ND	55.7	5.6	0.53	ug/kg dry	44.8	80	65-146	11	20	
Vinyl chloride	ND	55.7	5.6	0.68	ug/kg dry	56.0	101	61-133	6	20	
Xylenes, total	1.56	167	11	0.94	ug/kg dry	71.4	42	80-120	12	20	M8
Surrogate: 1,2-Dichloroethane-d4					*ug/kg dry*		*93*	*64-126*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Matrix Spike Dup Analyzed: 12/21/10 (Lab Number:10L1703-MSD1, Batch: 10L1703)											
QC Source Sample: RTL1183-02											
Surrogate: 4-Bromofluorobenzene					*ug/kg dry*		*105*	*72-126*			
Surrogate: Toluene-d8					*ug/kg dry*		*110*	*71-125*			

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Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
TCLP Volatile Organic Compounds by EPA Method 1311/8260B											
Blank Analyzed: 12/22/10 (Lab Number:10L1818-BLK1, Batch: 10L1818)											
1,1-Dichloroethene			10	2.9	ug/L	ND					D07
1,2-Dichloroethane			10	2.1	ug/L	ND					D07
2-Butanone (MEK)			100	13	ug/L	ND					D07
Benzene			10	4.1	ug/L	ND					D07
Carbon Tetrachloride			10	2.7	ug/L	ND					D07
Chlorobenzene			10	7.5	ug/L	ND					D07
Chloroform			10	3.4	ug/L	ND					D07
Tetrachloroethene			10	3.6	ug/L	ND					D07
Trichloroethene			10	4.6	ug/L	ND					D07
Vinyl chloride			10	9.0	ug/L	ND					D07
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*103*	*66-137*			*D07*
Surrogate: 4-Bromofluorobenzene					*ug/L*		*114*	*73-120*			*D07*
Surrogate: Toluene-d8					*ug/L*		*101*	*71-126*			*D07*
LCS Analyzed: 12/21/10 (Lab Number:10L1818-BS1, Batch: 10L1818)											
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	26.1	104	65-138			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	26.4	105	75-127			
2-Butanone (MEK)		125	10	1.3	ug/L	144	115	57-140			
Benzene		25.0	1.0	0.41	ug/L	25.9	104	71-124			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	27.0	108	72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	24.8	99	72-120			
Chloroform		25.0	1.0	0.34	ug/L	25.3	101	73-127			
Tetrachloroethene		25.0	1.0	0.36	ug/L	26.0	104	74-122			
Trichloroethene		25.0	1.0	0.46	ug/L	26.6	106	74-123			
Vinyl chloride		25.0	1.0	0.90	ug/L	24.9	100	65-133			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*91*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*102*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*90*	*71-126*			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Polychlorinated Biphenyls by EPA Method 8082											
Blank Analyzed: 12/22/10 (Lab Number:10L1699-BLK1, Batch: 10L1699)											
Aroclor 1016			16	3.2	ug/kg wet	ND					QSU
Aroclor 1221			16	3.2	ug/kg wet	ND					QSU
Aroclor 1232			16	3.2	ug/kg wet	ND					QSU
Aroclor 1242			16	3.6	ug/kg wet	ND					QSU
Aroclor 1248			16	3.2	ug/kg wet	ND					QSU
Aroclor 1254			16	3.5	ug/kg wet	ND					QSU
Aroclor 1260			16	7.7	ug/kg wet	ND					QSU
Aroclor 1262			16	3.5	ug/kg wet	ND					QSU
Aroclor 1268			16	3.5	ug/kg wet	ND					QSU
Surrogate: Decachlorobiphenyl					*ug/kg wet*		*103*	*34-148*			*QSU*
Surrogate: Tetrachloro-m-xylene					*ug/kg wet*		*104*	*35-134*			*QSU*
LCS Analyzed: 12/22/10 (Lab Number:10L1699-BS1, Batch: 10L1699)											
Aroclor 1016		166	17	3.2	ug/kg wet	164	99	59-154			QSU
Aroclor 1221			17	3.2	ug/kg wet	ND		0-200			QSU
Aroclor 1232			17	3.2	ug/kg wet	ND		0-200			QSU
Aroclor 1242			17	3.6	ug/kg wet	ND		0-200			QSU
Aroclor 1248			17	3.3	ug/kg wet	ND		0-200			QSU
Aroclor 1254			17	3.5	ug/kg wet	ND		0-200			QSU
Aroclor 1260		166	17	7.8	ug/kg wet	140	84	51-179			QSU
Aroclor 1262			17	3.5	ug/kg wet	ND		0-200			QSU
Aroclor 1268			17	3.5	ug/kg wet	ND		0-200			QSU
Surrogate: Decachlorobiphenyl					*ug/kg wet*		*92*	*34-148*			*QSU*
Surrogate: Tetrachloro-m-xylene					*ug/kg wet*		*102*	*35-134*			*QSU*

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Total Metals by SW 846 Series Methods											
Blank Analyzed: 12/22/10 (Lab Number:10L1676-BLK1, Batch: 10L1676)											
Arsenic			2.0	0.4	mg/kg wet	ND					
Barium			0.491	0.108	mg/kg wet	ND					
Chromium			0.491	0.196	mg/kg wet	ND					
Copper			1.0	0.2	mg/kg wet	ND					
Lead			1.0	0.2	mg/kg wet	ND					
Nickel			4.91	0.226	mg/kg wet	ND					
Zinc			2.0	0.2	mg/kg wet	0.2					B,J
Reference Analyzed: 12/22/10 (Lab Number:10L1676-SRM1, Batch: 10L1676)											
Arsenic		138	2.0	0.4	mg/kg wet	133	96	70.4-129.7			
Barium		269	0.500	0.110	mg/kg wet	278	103	74-126.4			
Chromium		105	0.500	0.200	mg/kg wet	100	95	69.3-130.5			
Copper		110	1.0	0.2	mg/kg wet	109	99	74.4-125.5			
Lead		144	1.0	0.2	mg/kg wet	147	102	72.9-126.4			
Nickel		130	5.00	0.230	mg/kg wet	132	102	72.8-126.9			
Zinc		223	2.0	0.2	mg/kg wet	215	96	70.4-129.6			B
Total Metals by SW 846 Series Methods											
Blank Analyzed: 01/11/11 (Lab Number:11A0131-BLK1, Batch: 11A0131)											
Mercury			0.0191	0.0077	mg/kg wet	ND					
Matrix Spike Analyzed: 01/11/11 (Lab Number:11A0131-MS1, Batch: 11A0131)											
QC Source Sample: RTL1183-02											
Mercury	0.0162	0.350	0.0210	0.0085	mg/kg dry	0.376	103	75-125			
Matrix Spike Dup Analyzed: 01/11/11 (Lab Number:11A0131-MSD1, Batch: 11A0131)											
QC Source Sample: RTL1183-02											
Mercury	0.0162	0.376	0.0226	0.0091	mg/kg dry	0.417	106	75-125	10	20	
Reference Analyzed: 01/11/11 (Lab Number:11A0131-SRM1, Batch: 11A0131)											
Mercury		2.96	0.179	0.0723	mg/kg wet	2.47	83	67.6-132.8			

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
TCLP Metals											
Blank Analyzed: 12/22/10 (Lab Number:10L1791-BLK1, Batch: 10L1791)											
Arsenic			0.0100	0.0056	mg/L	ND					
Barium			0.0020	0.0007	mg/L	0.131					B
Chromium			0.0040	0.0009	mg/L	0.0024					B,J
Copper			0.0100	0.0015	mg/L	0.0064					B,J
Lead			0.0050	0.0030	mg/L	ND					
Nickel			0.0100	0.0013	mg/L	ND					
Zinc			0.0100	0.0036	mg/L	0.0575					B
Blank Analyzed: 12/22/10 (Lab Number:10L1791-BLK2, Batch: 10L1791)											
Arsenic			0.0100	0.0056	mg/L	ND					
Barium			0.0020	0.0007	mg/L	ND					
Chromium			0.0040	0.0009	mg/L	ND					
Copper			0.0100	0.0015	mg/L	ND					
Lead			0.0050	0.0030	mg/L	ND					
Nickel			0.0100	0.0013	mg/L	ND					
Zinc			0.0100	0.0036	mg/L	ND					
LCS Analyzed: 12/22/10 (Lab Number:10L1791-BS1, Batch: 10L1791)											
Arsenic		0.200	0.0100	0.0056	mg/L	0.216	108	80-120			
Barium		0.200	0.0020	0.0007	mg/L	0.320	160	80-120			N1,B
Chromium		0.200	0.0040	0.0009	mg/L	0.205	102	80-120			B
Copper		0.200	0.0100	0.0015	mg/L	0.221	111	80-120			B
Lead		0.200	0.0050	0.0030	mg/L	0.204	102	80-120			
Nickel		0.200	0.0100	0.0013	mg/L	0.212	106	80-120			
Zinc		0.200	0.0100	0.0036	mg/L	0.260	130	80-120			N1,B
TCLP Metals											
Blank Analyzed: 01/08/11 (Lab Number:11A0116-BLK1, Batch: 11A0116)											
Mercury			0.0002	0.0001	mg/L	ND					
Blank Analyzed: 01/08/11 (Lab Number:11A0116-BLK2, Batch: 11A0116)											
Mercury			0.0002	0.0001	mg/L	ND					
LCS Analyzed: 01/08/11 (Lab Number:11A0116-BS1, Batch: 11A0116)											
Mercury		0.00670	0.0002	0.0001	mg/L	0.00663	99	80-120			
Matrix Spike Analyzed: 01/08/11 (Lab Number:11A0116-MS1, Batch: 11A0116)											
QC Source Sample: RTL1183-02RE1											
Mercury	ND	0.00670	0.0002	0.0001	mg/L	0.00712	106	75-125			
Matrix Spike Dup Analyzed: 01/08/11 (Lab Number:11A0116-MSD1, Batch: 11A0116)											

Motors Liquidation Corp. (OBG)
333 West Washington St., PO Box 4873
Syracuse, NY 13221

Work Order: RTL1183

Project: MLC Former IFG Facility- VI Disposal Analysis
Project Number: MLC Former IFG Facility- Disposal Analysis

Received: 12/18/10
Reported: 01/12/11 08:26

LABORATORY QC DATA

Analyte	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
TCLP Metals											
Matrix Spike Dup Analyzed: 01/08/11 (Lab Number:11A0116-MSD1, Batch: 11A0116)											
QC Source Sample: RTL1183-02RE1											
Mercury	ND	0.00670	0.0002	0.0001	mg/L	0.00695	104	75-125	2	20	

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: ED RAHN	Lab PM: Paul Morrow	Carrier Tracking No(s):	COC No: 12152010 15:58_1
Client Contact: Judith Rank	Phone: 315 956-6100	E-Mail: Paul.Morrow@testamericainc.com		Page: 1
Company: Motors Liquidation Corp. (OBG)				Job #:
Address: 333 West Washington St., PO Box 4873	Due Date Requested:			Preservation Codes: A=HCL, Z=Z, B=NaOH, C=Zn Acetate, D=Nitric Acid, I=Ice, N=None, S=H2SO4, V=MCAA
City: Syracuse	TAT Requested (Business Days): 10			Container Codes: A=Amber, T=Tedlar, G=Glass, V=Vial, P=Poly/Plastic, S=Summa
State, Zip: NY, 13221	PO #:			
Phone: (800) 414-9603	WO #: RTL1009			
Email: judy.rank@obg.com	Project #:			
Project Name: MLC Former IFG Facility- VI Disposal Analysis	SSOW#:			
Site:				

Parameter(s) Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, s=solid, o=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Vos	TCLP-VOA::TCLP Vos	PCBs	TCLP-Metals::T-Metals::TCLP MS::PCB	Total Number of containers	Special Instructions/Note:
			Preserv-Cont Code:				I-G	I-G	I-G	I-G		
MLC VI CONCRETE	12/17/10	0915	C	S	N	N			1		1	
MLC VI SOIL	12/17/10	0850	C	S	N	N	2	1		1	4	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Edwin B Rahn	12/17/10 1105	OBG	R. English	12-17-10, 11:05	SyR
R. English	12/17/10 19:00	SyR		12/18/10 1041	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9676 • **Fax:** (518) 402-9020
Website: www.dec.ny.gov

Joe Martens
Commissioner

September 21, 2011

Brendan Mullen
RACER Trust
2930 Ecorse Road
Ypsilanti, Michigan 48198

Re: General Motors- Former Inland Fisher Guide Facility/ Ley Creek Deferred Media Site
Administrative Order on Consent Index # D-7-0001-97-06
Re-use of Concrete Debris and Soils

Dear Mr. Mullen:

The New York State Department of Environmental Conservation has reviewed Racer Trust's request of April 28, 2011 for reuse of concrete debris and soil. Based upon the information supplied in the notice with that letter, which described the origination, characterization, and proposed use of the material, the material may be utilized as specified in the request as on-site fill in the vicinity of the former bulk handling track bed in accordance with 6 NYCRR 360 1.15 (d).

If you have any questions regarding this letter, please call me at 518-402-9676.

Sincerely,

Robert Edwards
Project Manager

ec: C. Leary

INTERNATIONAL YEAR OF FORESTS - 2011

ec: D. Hesler/File (734057)
M. Sergott- NYSDOH
M. Sheen -Region 7
H. Warner- Region 7
R. Edwards
eDOCS: letter.HW734057.2011-03-29.debrisreuse-VI-IRM.pdf

TRANSMITTAL

TO: Robert Edwards
NYSDEC Project Manager
Remedial Bureau D
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

DATE: April 28, 2011

FILE: 14774/46380

RE: RACER Trust
Former IFG Facility
(Site No. 7-34-057)

WE ARE SENDING YOU:

X herewith under separate cover drawings X descriptive literature letters

If material received is not as listed, please notify us at once.

Quantity	Title	Action*
1	Construction Debris Reuse Characterization for Reuse On-site: concrete and soil from installation of a horizontal boring associated with the Phase 1 Vapor Intrusion Mitigation IRM	Y

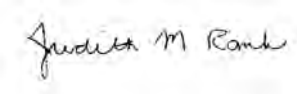
Action letter code:* ***R**-reviewed* ***N****-reviewed and noted* ***I****-for your information*
S*-resubmit* ***J****-rejected* ***Y****-for your approval*

REMARKS: ENCLOSED IS A FORM DESCRIBING THE RATIONALE FOR CHARACTERIZATION OF CONCRETE AND SOIL THAT IS PROPOSED FOR REUSE ON-SITE. ASSOCIATED LABORATORY RESULTS ARE ALSO INCLUDED.

cc: Brendan Mullen – RACER Trust

Very truly yours,

O'Brien & Gere Engineers, Inc.



Judith M. Rank
Project Engineer

I:\Mlc.14774\46380.Mlc-Vi-Mitigati\N-D\Debris Reuse Forms\DEC_Transmittal_04-28-11.doc

CONFIDENTIALITY

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Construction Debris Characterization for Reuse On-site
Former IFG Facility (Registry # 7-34-057)
NYSDEC Order on Consent Index # D-7-0001-97-06

Sources of debris:

a) Concrete debris was generated during installation of a horizontal boring in Bays F13 through F24 in the former Manufacturing Building at the Former IFG Facility.
b) Soil was generated during installation of a horizontal boring in Bays F13 through F24 in the former Manufacturing Building at the Former IFG Facility.

The location of the horizontal boring is depicted on the attached figure. The boring was installed as part of the Phase 1 Vapor Intrusion Mitigation IRM

Proposed characterization analyses:

a) PCBs; Analytical results are attached (*MLC VI-CONCRETE 2*).
b) VOCs, PCBs, site-related metals (As, Ch, Cu, Pb, Ni, Zn); Analytical results attached (*MLV-VI-SOIL 2*)

Characterization rationale:

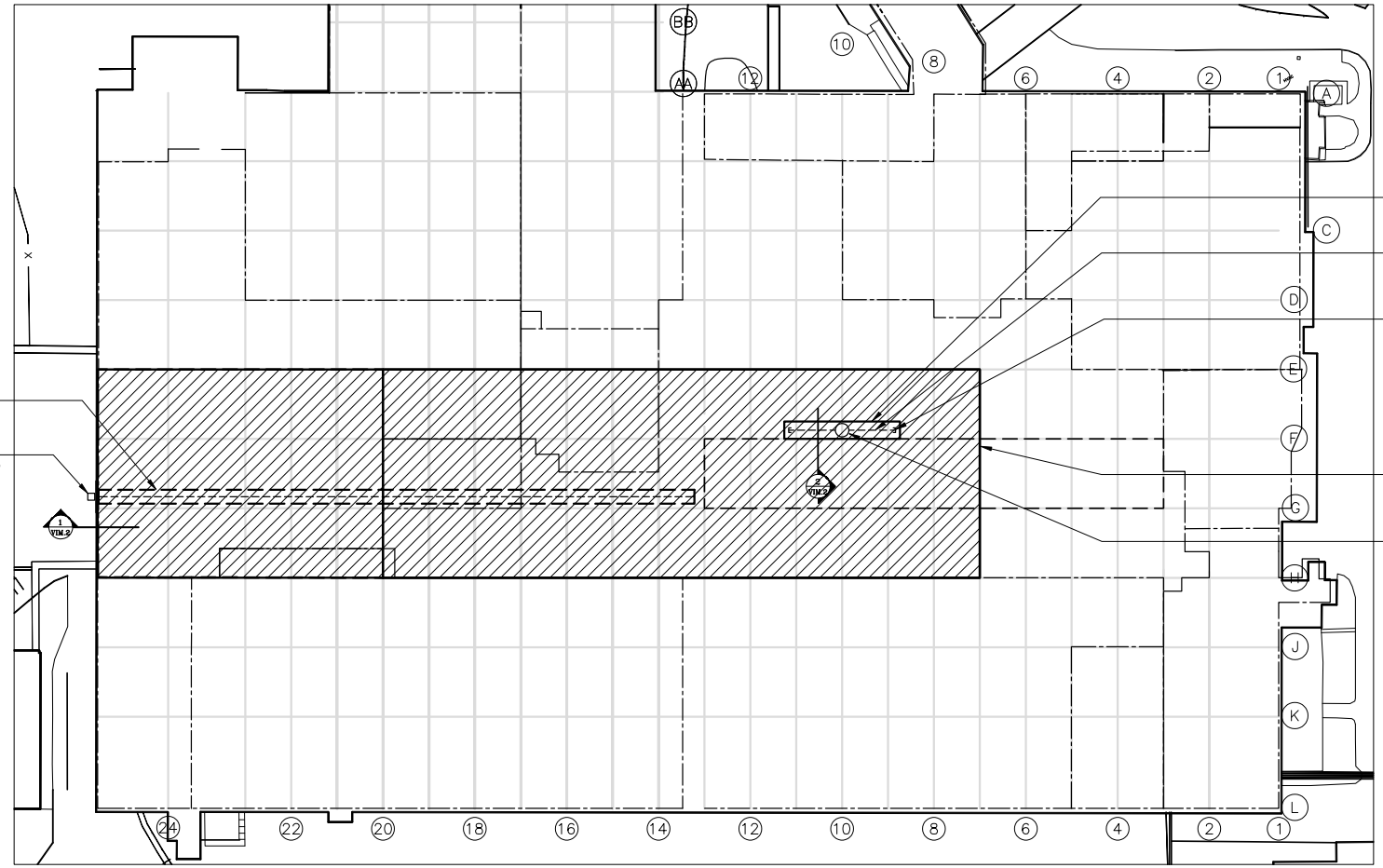
a) Concrete debris generated during installation of the horizontal boring was analyzed for PCBs because of historical operations at the facility and because it was not likely to be impacted with other constituents.
b) Soil generated during installation of the horizontal boring was analyzed for VOCs, PCBs, and site-related metals in accordance with the June 2010 *Vapor Mitigation IRM Work Plan* and the August 1999 *Generic Work Plan for Manufacturing Building Floor and Subsurface Soil Removal*.

Proposed on-site use for debris (describe location):

a) Based on the PCB analytical results (0.29 mg/kg), it is proposed that the concrete debris generated from the horizontal boring installation (approximately 13 cubic yards) be reused as fill material in the southeast property area in the vicinity of the former bulk handling building track bed.
b) PCBs, VOCs and metals detected in the soil generated during installation of the horizontal boring were below both Part 375 Commercial and Industrial Restricted Use Soil Cleanup Criteria. Therefore, it is proposed that this material (approximately 13 cubic yards) be reused as fill material in the southeast property area in the vicinity of the former bulk handling building track bed.

Brendan Mullen RACER Trust Cleanup Manager (NY)	**Date:** April 28, 2011

I:\Mlc.14774\46380.Mlc-Vi-Mitigati\N-D\Debris Reuse Forms\trench debris reuse form_04-2011.doc



PLAN
SCALE: 1"=50'-0"

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 8/3/10

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

IN CHARGE OF JMC
DESIGNED BY JM/NL CHECKED BY NL
DRAWN BY JM

1"=50' 50 0 50 100

NO.	DATE	REVISION	INIT.
0	8/3/10	ISSUED FOR NYSDEC REVIEW	

O'BRIEN & GERE

2010 © O'Brien & Gere Engineers, Inc.

MOTORS LIQUIDATION COMPANY
FORMER INLAND
FISHER GUIDE FACILITY
SYRACUSE, NY

PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
PIPING PLAN

FILE NO. 14774.46380-VIM.1
DATE AUGUST 2010

VIM.1

Aug 03, 2010 - 3:45pm
I:\Mlc.14774\46380.MIc-Vi-Milrpt\Docs\DWG\Sheets\46380 Ph1_VIM 1 and 2.dwg

Client: O'Brien & Gere Technical Services Inc
Project/Site: MLC Former IFG Facility- Weekly

TestAmerica Job ID: 480-2958-1

Client Sample ID: MLC VI-CONCRETE 2
Date Collected: 03/23/11 10:50
Date Received: 03/24/11 10:40

Lab Sample ID: 480-2958-1
Matrix: Solid
Percent Solids: 98.1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		170	33	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10
PCB-1221	ND		170	33	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10
PCB-1232	ND		170	33	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10
PCB-1242	ND		170	36	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10
PCB-1248	**290**		170	33	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10
PCB-1254	ND		170	35	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10
PCB-1260	ND		170	78	ug/Kg	☼	03/30/11 10:20	03/31/11 01:40	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*34 - 148*	*03/30/11 10:20*	*03/31/11 01:40*	*10*
Tetrachloro-m-xylene	*96*		*35 - 134*	*03/30/11 10:20*	*03/31/11 01:40*	*10*

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
O'BRIEN & GERE	CLARE LEARY	3/23/11	166913
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
333 W. WASHINGTON ST.	(315) 956-6472		
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
SYRACUSE	NY	13221		
Project Name and Location (State)	**Carrier/Waybill Number**
MLC VI - SYRACUSE, NY	
Contract/Purchase Order/Quote No	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Conc.	Containers & Preservatives: Unpres.	HCl	HNO3	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCB	Special Instructions/ Conditions of Receipt
MLC VI - CONCRETE 2	3/23/11	1050					X	1					X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other REGULAR

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Edwin B Rohm	3/23/11	1126	[illegible] TALSyr	3-23-11	11:25
2.	[illegible] TAL Syr	3-23-11	18:30	[illegible]	3/24/11	10:40
3.						

Comments

2.9°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Client Sample ID: MLV-VI-SOIL 2 **Lab Sample ID: 480-3125-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.8	J	27	4.6	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	6.1		5.5	2.5	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	150		5.5	1.2	ug/Kg	1	☼	8260B	Total/NA
PCB-1248	740		280	55	ug/Kg	1	☼	8082	Total/NA
PCB-1254	440		280	59	ug/Kg	1	☼	8082	Total/NA
Arsenic	2.8		2.2	0.45	mg/Kg	1	☼	6010B	Total/NA
Chromium	14.4		0.56	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	24.3		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Lead	20.4		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Nickel	24.2		5.6	0.26	mg/Kg	1	☼	6010B	Total/NA
Zinc	37.7		2.2	0.17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: MLV-VI-SOIL 2
Date Collected: 03/29/11 11:00
Date Received: 03/30/11 09:15

Lab Sample ID: 480-3125-1
Matrix: Solid
Percent Solids: 87.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼		04/05/11 04:07	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg	☼		04/05/11 04:07	1
1,1,2-Trichloroethane	ND		5.5	0.71	ug/Kg	☼		04/05/11 04:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼		04/05/11 04:07	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼		04/05/11 04:07	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☼		04/05/11 04:07	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg	☼		04/05/11 04:07	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.7	ug/Kg	☼		04/05/11 04:07	1
1,2-Dibromoethane	ND		5.5	0.70	ug/Kg	☼		04/05/11 04:07	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼		04/05/11 04:07	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼		04/05/11 04:07	1
1,2-Dichloropropane	ND		5.5	2.7	ug/Kg	☼		04/05/11 04:07	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼		04/05/11 04:07	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼		04/05/11 04:07	1
2-Hexanone	ND		27	2.7	ug/Kg	☼		04/05/11 04:07	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg	☼		04/05/11 04:07	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg	☼		04/05/11 04:07	1
Acetone	**7.8**	**J**	27	4.6	ug/Kg	☼		04/05/11 04:07	1
Benzene	ND		5.5	0.27	ug/Kg	☼		04/05/11 04:07	1
Bromodichloromethane	ND		5.5	0.73	ug/Kg	☼		04/05/11 04:07	1
Bromoform	ND		5.5	2.7	ug/Kg	☼		04/05/11 04:07	1
Bromomethane	ND		5.5	0.49	ug/Kg	☼		04/05/11 04:07	1
Carbon disulfide	ND		5.5	2.7	ug/Kg	☼		04/05/11 04:07	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☼		04/05/11 04:07	1
Chlorobenzene	ND		5.5	0.72	ug/Kg	☼		04/05/11 04:07	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg	☼		04/05/11 04:07	1
Chloroethane	ND		5.5	1.2	ug/Kg	☼		04/05/11 04:07	1
Chloroform	ND		5.5	0.34	ug/Kg	☼		04/05/11 04:07	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼		04/05/11 04:07	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg	☼		04/05/11 04:07	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg	☼		04/05/11 04:07	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼		04/05/11 04:07	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg	☼		04/05/11 04:07	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼		04/05/11 04:07	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼		04/05/11 04:07	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼		04/05/11 04:07	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼		04/05/11 04:07	1
Methylcyclohexane	ND		5.5	0.83	ug/Kg	☼		04/05/11 04:07	1
Methylene Chloride	**6.1**		5.5	2.5	ug/Kg	☼		04/05/11 04:07	1
Styrene	ND		5.5	0.27	ug/Kg	☼		04/05/11 04:07	1
Tetrachloroethene	ND		5.5	0.74	ug/Kg	☼		04/05/11 04:07	1
Toluene	ND		5.5	0.41	ug/Kg	☼		04/05/11 04:07	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼		04/05/11 04:07	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼		04/05/11 04:07	1
Trichloroethene	**150**		5.5	1.2	ug/Kg	☼		04/05/11 04:07	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼		04/05/11 04:07	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼		04/05/11 04:07	1
Xylenes, Total	ND		11	0.92	ug/Kg	☼		04/05/11 04:07	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*		*04/05/11 04:07*	*1*

Chain of Custody Record

Temperature on Receipt ___ ___

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
O'BRIEN & GERE	CLARE LEARY	3/29/11	166918
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
333 W. WASHINGTON ST.	315-956-6472		
City	**State**	**Zip Code**	**Site Contact** / **Lab Contact**
SYRACUSE	NY	13221	
Project Name and Location (State)	**Carrier/Waybill Number**		
MLC-VI MITIGATION SYRACUSE, NY			
Contract/Purchase Order/Quote No			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	HNO3	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	PCBs	Site Metals	Special Instructions/ Conditions of Receipt
MLV-VI-SOIL 2	3/29/11	1100				X	3						X	X	X	Site Metals: Arsenic, Chromium, Copper, Lead, Nickel & Zinc

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other REGULAR

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Edwin B Rahn	3/29/11	1135	1. Received By: TAS syr	3-29-11	11:35
2. Relinquished By: REMI/LSL, Syr	03-29-11	16:30	2. Received By:	3/30/11	0915
3. Relinquished By:	Date	Time	3. Received By:	Date	Time

Comments: 2.9°

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Appendix D

Commissioning Reports

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
12-1-10	O'Brien + Gere	MLC Phase I VI install crew

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Mobilization of equip. Review of JSA with OBG Personal as well as Saw cut crew. Saw cut of floor from 8-9:30. 202.5' cut @ 10" Depth. Picked up equip. to continue with project. Break up of 25' of trench line with hoe ram. Sucked up cutting spoils / clean up and Sealed trench with Polly and lumber. Break down of air comp and review of activities.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	Dan DelBarth	Field Tech		
10	Bruce Meigs	Field Tech		
2	Mark Horning	Field Tech		
10	~~Tyce~~ Travis Morales	Safety Tech		

QTY	EQUIPMENT
1	Heavy trailer
1	med. trailer
1	Skidsteer
2	OBG Trucks
1	walk behind saw
1	Hoe ram

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Review of JSA @ 7:30

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
12-2-10	O'Brien + Gere	MLC Phase I VI install crew

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
~~Recieved ten wheeler load of stone~~. 75' of Concrete in trench broken up with hoe ram. Set up of roll off containers. Excavation of trench to 18" depth of concrete and soil. Pick up and clean up. Sealed trench with lumber and Poly. Pick up of Pipe and fittings for Pipe install.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
9.5	Dan DeBarth	Fieldtech		
9.5	John Baker	Fieldtech		
9.5	Theis morales	Safety tech.		

QTY	EQUIPMENT
2	OBG Trucks
1	Skid Steer
1	Hoe ram
1	Mini excavator

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Review of JSA @ 8:00

Crossed 8" clay process lines (deemed abandoned)

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 12-3-10

Date	Company	Crew
12-3-10	O'Brien + Gere	MIC Phase I VI install crew

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Recieved ten wheeler load of stone. 8" of mix stone in all areas except for where utilities were crossed. Pictures of utilities taken and then Utilities Sealed. Return of hoe ram and Medium trailer. 8" of stone filled in over utilities. Install of Piping in trench. 10" of stone filled in over perf. pipe. Then clean up of stone and prep. for concrete. Three yards of concrete poured from 2:30 to 4:00. Clean up break down of air comps. Review of work to be done monday.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
8	Dan DeBarth	Field tech		
8	Bruce Meigs	Field tech		
8	John Baker	Field tech		
8	Thais morales	Safety tech		

QTY	EQUIPMENT
3	OBG Pick ups
1	Dump trailer
1	Med. trailer
1	Skid steer
1	mini excavator

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

8:00 Review of JSA

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.200

Date	Company	Crew
2/8/11	OGINA	3-apple roofing 1-ogina

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Install 4" and 1"pipe onto roof and secure and waterproof	
Install and secure motor base and curb	
Received 1 scissor lift to finish installing pipes	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
8	John Baker	foreman	1	
3	3-men from apple roofing	roofers	1	

QTY	EQUIPMENT / VEHICEL
1	Tool Truck
2	Tool Trucks

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Met with mark from building maintence showed us tie in location

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.200

Date	Company	Crew
2/9/11	OGINA	2-ogina

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Install 4" pipe and secure inside of building	
Install vibration mounts on blower and make mounting brackets	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
8	John Baker	foreman	1	
8	George Sheldon	Pipe fitter	1	

QTY	EQUIPMENT / VEHICEL
2	Tool Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.200

Date	Company	Crew
2/10/11	OGINA	2-ogina 1-electracian

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Install 4" pipe to fan	
Install stack with fan guard and rain cap	
Mount VFD and disconnect and conduit	
38'feet of pipe	
3 90bends	
2 couplings	
1 fan guard and rain cap	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	John Baker	foreman	1	
10	George Sheldon	Pipe fitter	1	
10	Tim	electracian	1	

QTY	EQUIPMENT / VEHICEL
2	Tool Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.200

Date	Company	Crew
2/10/11	OGINA	2-ogina 1-electracian

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Install 4" pipe to fan	
Install stack with fan guard and rain cap	
Mount VFD and disconnect and conduit	
38'feet of pipe	
3 90bends	
2 couplings	
1 fan guard and rain cap	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	John Baker	foreman	1	
10	George Sheldon	Pipe fitter	1	
10	Tim	electracian	1	

QTY	EQUIPMENT / VEHICEL
2	Tool Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.200

Date	Company	Crew
2/10/11	OGINA	2-ogina 1-electracian

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Install 4" pipe to fan	
Install stack with fan guard and rain cap	
Mount VFD and disconnect and conduit	
38'feet of pipe	
3 90bends	
2 couplings	
1 fan guard and rain cap	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	John Baker	foreman	1	
10	George Sheldon	Pipe fitter	1	
10	Tim	electracian	1	

QTY	EQUIPMENT / VEHICEL
2	Tool Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.200

Date	Company	Crew
2/11/11	OGINA	1-ogina 1-electracian

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
George and tim went to MLC to finish up electric I wasn't there not sure of hours or what work was done	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
	George Sheldon	Pipe fitter	1	
	Tim	electracian	1	

QTY	EQUIPMENT / VEHICEL
1	Tool Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

C:\Users\stanietm\Desktop\New folder (3)\contractors daily report 2-11-11.doc

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
02-14-11	O'Brien & Gere	Steve Pierce, Carmen Giocondo, Marc Horning, Steve Thompson

Daily Work	CPM Tasks
Provide a brief description of daily work performed:	
-Carmen did electrical tie-in for VI fan/blower, bumped fan for direction, found it to be backwards, switched the leads at the blower.	
-Shut blower off before we left	
-Set up CAMP equipment with Marc Horning and Steve Thompson in the DEMCO area. Charlie from the facility disarmed the security system and granted us access.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
2	Marc Horning		Foreman	
3	Carmen Giocondo		Electrician	
2	Steve Thompson		H&S Tech	
4	Steve Pierce		Level 8	

QTY	EQUIPMENT / VEHICEL

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

-Near miss with exposed nails, see write-up

Submitted by Steve Pierce Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
02-16-11	O'Brien & Gere	Steve Pierce, Marc Horning, Steve Thompson, Paul Miller (Concor Precision)

	CPM Tasks
Provide a brief description of daily work performed:	
-Tore down CAMP equipment in the DEMCO area with Marc Horning and Steve Thompson	
-Saw-cut 12'X3' entry pit for drilling in DEMCO area	
-Marc laid out some of the grid for communication testing on System 1	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
6	Marc Horning		Foreman	
4	Paul Miller		Cutter	
2	Steve Thompson		H&S Tech	
6	Steve Pierce		Level 8	

QTY	EQUIPMENT / VEHICEL

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Steve Pierce Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
02-18-11	O'Brien & Gere	Steve Pierce, Marc Horning, Mike Bertram, Buddy

	CPM Tasks
Provide a brief description of daily work performed:	
-Directional Technologies mobilized some equipment and brief preparation of work area	
-Steven and Marc worked on communication testing for System 1	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
8	Marc Horning		Foreman	
5	Mike Bertram		Cutter	
5	Buddy		H&S Tech	
8	Steve Pierce		Level 8	

QTY	EQUIPMENT / VEHICEL
1	Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Steve Pierce Approved by: _____

O'Brien & Gere, Inc. of North America

OBG Project MLC

Date	Company O'Brien & Gere	Crew MARC
2-22-11		

Daily Work Digging pit for drillers	CPM Tasks
Provide a brief description of daily work performed:	
Went over JSA with Jamie brought in dumpster had to clean some bricks out of it and there was some snow and ice in it . put the bricks on plastic . Lined the dumpster with three plastic liners . Removed concrete from floor put on plastic . Dug out the pit 3.5 by 12 by 2.5 put the dirt in dumpster . covered hole with plastic .	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
6	Marc Horning			
6	Ted Rasmussen			

QTY	EQUIPMENT / VEHICEL
1	Truck
1	Bob Cat
1	Mini

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by __Marc Horning_____ Approved by:
_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
02-23-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
-Directional Technologies mobilized more equipment and brief preparation of work area	
-DT set up exhaust ducts for drill rig and mixing tanks/generator	
-DT aligned equipment underneath exhaust stacks	
-DT began filling mixing tanks	
-Water Meter/totalizer reading at start: 204921	
-Steve Thompson started CAMP, but shut back down when it was realized that there would be no drilling today and hole was covered back up.	
-Marc moved pallets out of the way that were along the wall	
-Marc went to Home Depot to pick up plywood and 2X4's to cover entry pit	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
4	Marc Horning		Foreman	
8	Mike Bertram		Foreman	
8	Buddy		Driller	
8	Steve Pierce		Level 8	
3	James Cavotta		PM	
6	Steve Thompson		H&S Tech	

QTY	EQUIPMENT / VEHICEL
1	Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Could not access DEMCO area until 7:45 am

Submitted by Steve Pierce Approved by: _____

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
02-24-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
-Directional Technologies final prep for drilling area and rig	
-DT began drilling at approx. 9:30 am	
-Three rods into the drilling (45') no longer had any returns coming back to the entry pit	
-DT topped off mixing tanks	
-Water Meter/totalizer reading: 205860	
-Hit obstruction at 11:15 am (approximately 150' into bore)	
-Pulled rods out, changed head, broke through obstruction at 2:30 pm . It took approx 20min of actual drilling to get through the obstruction.	
-Continued drilling with same head, hit another obstruction about 12' past the first one. (approximately 172' into bore).	
-Broke through the second obstruction, drilled approximately 30 more feet, blew hydraulic/coolant leak (at approx 3:00/3:15) from somewhere on back of drill rig. Shut down and cleaned up with absorbent (speedy dry) and placed into lined drum.	
-Sealed up entry pit and shut down CAMP equipment	
-At the end of the day (approx 5:00PM) a total of 172' of bore was completed	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
9	Marc Horning		Foreman	OBG
10	Mike Bertram		Foreman	DT
10	Buddy		Driller	DT
10	Steve Pierce		Level 8	OBG
	James Cavotta		PM	
8	Steve Thompson		H&S Tech	OBG

QTY	EQUIPMENT / VEHICEL
1	OBG Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by __Steve Pierce_____ Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-07-11	O'Brien & Gere	N/A

	CPM Tasks
Provide a brief description of daily work performed:	
- Received Heavy Snow, Site was closed for the day due to poor roads	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	

QTY	EQUIPMENT / VEHICEL

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
03-08-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
-Directional Technologies continue drilling	
-DT began drilling at approx. 9:00 am, Hit Obstruction start drilling again 10:30	
- Pumping water from excavation in room 10:45 am	
-DT 12:30 running boring machine	
- New cutout for obstruction outside of room	
- 3pm DT Continuing Drilling	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
12	Steve Pierce		Supervisor	OBG
9.5	Steve Thompson		Safety	OBG
10	Patrick Johnson		Supervisor	OBG
13	Mike Bertram		Driller	DT
13	Randy Day		Driller	DT
13	Jason Bedford		Driller	DT
8.5	Jamie Cavotta		PM	OBG

QTY	EQUIPMENT / VEHICEL
1	Loader
1	Water Pump
1	Boring Machine

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-09-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
-First bore completed 3-8-2011	
-8:00am Unsuccessful cut by OBG personnel at end of bore	
-Returned concrete saw to JC Smith and got replacement	
-10:00am Successful saw cut at end of bore and at obstruction area	
-11:45am Jackhammered remaining concrete from end of bore	
-DT attached reamer bit to boring rods	
-3:30 HDPE pulled through bore with no problems	
-OBG Personnel covered excavation at end of bore with plastic and steel plate	
- DT reset equipment for new bore direction and moved exhaust pipe	
-	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

3 workers DT; Steve Peirce and I; 2 OBG Operators

HOURS	NAME	TRADE	CLASS	
12.5	Steve Pierce		Supervisor	OBG
10.5	Patrick Johnson		Supervisor	OBG
.5	Steve Thompson		Safety	OBG
12.5	Mike Bertram		Foreman	DT
12.5	Randy Day		Driller	DT
12.5	Jason Bedford		Driller	DT
9	Marc Horning		Operator	OBG
9	Ted Rasmussen		Operator	OBG

QTY	EQUIPMENT / VEHICEL
1	Concrete Saw Large
1	Concrete Saw Small
1	OBG Truck
1	Bobcat excavator
1	Skidsteer

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
03-10-2011	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
-Directional Technologies has a problem with bit and drilling fluid, removed and cleaned it out	
-OBG personnel filled holes in and outside room (at points of obstruction) with gravel, rebar dowels, prepped for concrete by 10am	
- 10:10am OBG Personnel jackhammered potential obstruction in new direction	
- 11:20 am DT hit first obstruction	
-12:30 hit 2nd obstruction	
- Checked PID 903121 with Steve Thompson, determined it was out of calibration – recalibrated	
- 2:30pm DT hit 3rd obstruction	
- 4:05pm DT hit 4th obstruction	
- Stadium Seating were moved around boring areas with forklift	
- DT Reached Gravel Pit	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS		QTY	EQUIPMENT / VEHICEL
10.5	Patrick Johnson		Supervisor	OBG	1	OBG Truck
12.75	Mike Bertram		Driller	DT	1	Skidsteer w/ Jackhammer
12.75	Randy Day		Driller	DT	1	Drill Rig
12.75	Jason Bedford		Driller	DT	1	Excavator
12.75	Steve Pierce		Supervisor	OBG	1	Forklift
8	George Sheldon		Oper/Labr	OBG		
8	Marc Horning		Oper/Labr	OBG		
7.5	John Baker		Oper/Labr	OBG		
7.5	Ted Rasmussen		Oper/Labr	OBG		
6.0	Derek Kelson		Driller	DT		

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by __Patrick Johnson_____ Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
03-10-2011	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- OBG Personnel prepped 2 excavations for concrete pouring. 9am concrete truck arrived.	
- Concrete was placed and rough finished by 9:30	
- OBG Prepares for excavation in back room (by chairs) near the end of the bore 10:30am	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS		QTY	EQUIPMENT / VEHICEL
5	Patrick Johnson		Supervisor	OBG	1	OBG Truck
5	Marc Horning		Oper/Labr	OBG	1	Skidsteer w/ Jackhammer
4	John Baker		Oper/Labr	OBG	1	Drill Rig
4	Bruce Meigs		Oper/Labr	OBG	1	Excavator
					1	Forklift

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
03-14-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- No work performed by DT or OBG personnel	
-	
-	
-	
-	
-	
-	
-	
-	
-	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	

QTY	EQUIPMENT / VEHICEL

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-15-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- DT Prepares for reaming/pulling HDPE 7am	
- DT - HDPE was pulled through bore 10:45am	
- DT- Cutouts have been vacuumed – mud removed 11:45am	
- DT – prepping for fusing HDPE in drill rig pit 1pm	
- OBG Personnel – prep for saw cut, made saw cuts for broken concrete in room with stadium seating 11-3pm	
- DT Demobilizing equipment: Pump, Drill Rig Removed Stovepipe by 5pm	
-	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
1.5	Steve Pierce		Supervisor	OBG
9	Patrick Johnson		Supervisor	OBG
1.5	Steve Thompson		Safety	OBG
10	Mike Bertram		Foreman	DT
10	Derek Kelson		Driller	DT
10	Jason Bedford		Driller	DT
4	John Baker		Operator	OBG
4	Ted Rasmussen		Operator	OBG

QTY	EQUIPMENT / VEHICEL
1	Concrete Saw Small
1	Pump Truck
1	OBG Truck
1	Bobcat excavator
1	Skidsteer

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-16-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- OBG Personnel removing concrete from cuts in prep for placing concrete 8-10:30	
- DT Spends day demobilizing, cleaning equipment	
- Concrete truck arrives 12pm	
- OBG Personnel – concrete has been placed by1 pm	
- OBG Personnel – concrete has been finished and areas cleaned by 3pm – OBG leaves	
- DT Demobilizing equipment ceases 4:15pm	
-	

Manpower and Equipment
Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
1.5	Steve Pierce		Supervisor	OBG
9	Patrick Johnson		Supervisor	OBG
7	Marc Horning		Operator	OBG
7	John Baker		Operator	OBG
7	Bruce Meiggs		Operator	OBG
7	George Sheldon		Laborer	OBG
9	Jason Bedford		Driller	DT
9	Derek Kelson		Driller	DT

QTY	EQUIPMENT / VEHICEL
1	Skidsteer w/ Hydraulic Jackhammer
1	Bobcat excavator
1	OBG Truck
1	Concrete Truck

Events or Issues
Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Dust track alarm went off at 1pm. Recalibrated equipment and suspended work for lunch
break. Within ½ hour levels had returned to acceptable range. Met with Steve Thompson
to discuss elevated level – strongly suspect that ALARM dust reading was picked up by
monitoring equipment as a result of residual existing dust from stadium seating being blown
directly at monitors by excavator & skid steer exhaust. It is noted that jackhammer did not
elevate dust levels.

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-17-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- OBG Personnel arrived at 8:45 and commenced caulking saw cuts in slab	
- DT arrives at 9:30 and starts work to flush HDPE line	
- OBG Personnel finished caulking and leaves site between 11:30-11:45am,	
- Clean water flush from bore #1 side. 12pm	
- Clean water flush from bore #2 side. 12:15pm	
- 12:40pm Clean water flushed from bore #2 to bore #1 exit	
- Line is flushed with BMR – finished 2:15pm	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
1.75	Steve Thompson		Safety	OBG
8	Patrick Johnson		Supervisor	OBG
3	Marc Horning		Operator	OBG
3	George Sheldon		Operator	OBG
6	Jason Bedford		Driller	DT
6	Derek Kelson		Driller	DT

QTY	EQUIPMENT / VEHICEL
1	OBG Truck
1	
1	
1	

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-18-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- DT started @7:30 am cleanup	
- OBG Personnel arrive @ 8:30 – recaulk and dig trench on Steve Pierces direction. Finish and leave @ 10am	
- DT completes BMR flush @ 10 am	
- DT empties flush tank into dumpster @ 11 am	
- DT removes equipment from inside of building @11:30	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
1	Steve Pierce		Supervisor	OBG
4.5	Patrick Johnson		Supervisor	OBG
1.5	George Sheldon		Operator	OBG
1	Ted Rassmussen		Operator	OBG
4	Jason Bedford		Driller	DT
4	Derek Kelson		Driller	DT

QTY	EQUIPMENT / VEHICEL
1	OBG Truck
1	
1	
1	

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Paul needed to borrow PID for other excavation project onsite.
Calibrated PID 00598 and gave it to Charlie.
Dumpster is leaking water – sent Ted to pick up pans to collect it.
No change in VOC levels have been noted in that area.

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	**Company O'Brien & Gere**	**Crew**
03-23-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- Bore pit #1 and #2 preparation for concrete started 8:15am	
- Placed gravel and installed rebar dowels by 10am in Pit#1	
- Finished pit #1 with dowel and stone	
- Completed ½ of pit #2 (couldn't finish because did not have the HDPE fusing iron)	
- Cut asphalt and prepped for concrete pad for fan work finished 2:30 pm	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
5	Patrick Johnson		Supervisor	OBG
6.5	George Sheldon		Operator	OBG
6	Dave Warren		Operator	OBG

QTY	EQUIPMENT / VEHICEL
1	Skid Steer w bucket and fork

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America
MLC – Former Inland Fisher Guide Facility VI
46380

Date	Company O'Brien & Gere	Crew
03-24-11	O'Brien & Gere	Assorted

	CPM Tasks
Provide a brief description of daily work performed:	
- Remaining preparation for concrete started 9am	
- Fused HDPE and gravel in pit # 2	
- Concrete Poured and finished by 12pm (Pit #1 & #2, and concrete pad outside)	
- Touch Up work and demobilize	
-	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
	Patrick Johnson		Supervisor	OBG
4.5	George Sheldon		Operator	OBG
4.5	Marc Horning		Operator	OBG
3.5	Dave Warren		Operator	OBG
3.5	Bruce Meiggs		Operator	OBG

QTY	EQUIPMENT / VEHICEL
1	Skid Steer w bucket and fork

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Dust track 21223 seems to be malfunctioning. Suspect it is the power supply. Has turned off twice when returning to check dust levels. Made note in Air Monitoring log.
Final reading on Badger water flow meter 021194.

Submitted by Patrick Johnson Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.100

Date	Company	Crew
4/18/11	OGINA	OGINA

Daily Work Description	CPM Tasks
Decanted roll off of water cleaned poly tank of sludge and put into drums	
Decanted all drums of water 2 times today	
Racially trucking onsite took the 2 roll offs from inside building out to parking lot and dumped dirt and concrete and hauled roll offs offsite	
Building stand for vacuum motor	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	John Baker	Operator	Foreman	
8	Ted Rasmussen	Operator	Foreman	

QTY	EQUIPMENT / VEHICEL
1	Drum vac
2	Tool truck
1	welder

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.100

Date	Company	Crew
4/19/11	OGINA	OGINA

Daily Work Description	CPM Tasks
Decanted roll off and drums of water 2 times today	
Put polytank on trailer took to treatment building and dumped 350 gallons of water	
Removed 1 poly tank from site	
Building stand for vacuum motor	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
8	John Baker	Operator	Foreman	
8	Ted Rasmussen	Operator	Foreman	

QTY	EQUIPMENT / VEHICEL
1	Drum vac
2	Tool truck
1	welder

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

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Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.100

Date	Company	Crew
4/20/11	OGINA	OGINA

Daily Work Description	CPM Tasks
Decanted roll off and drums of water 2 times today	
Get 2 yds. sand for pipe bedding	
Removed 2 poly tank from site	
Relocate trench and install hdpe pipe backfill with sand	
Core 5 inch hole in bricks and install pipe to outside	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
8	John Baker	Operator	Foreman	
8	Ted Rasmussen	Operator	Foreman	

QTY	EQUIPMENT / VEHICEL
1	Drum vac
2	Tool truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.100

Date	Company	Crew
4/21/11	OGINA	OGINA

Daily Work Description	CPM Tasks
Decanted roll off and drums of water 2 times today	
Install motor and stand air filter pressure relief valve and piping with stack	
Strip concrete forms and clean up	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
9	John Baker	Operator	Foreman	
9	Ted Rasmussen	Operator	Foreman	

QTY	EQUIPMENT / VEHICEL
1	Drum vac
2	Tool truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

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Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project# 46380 140.100

Date	Company	Crew
4/22/11	OGINA	OGINA

Daily Work Description	CPM Tasks
Provide a brief description of daily work performed:	
Finish up putting brackets on stack and piping	
Mounted vacuum relief valve and drain valve temporarily plug other openings till parts arrive to install	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
9	John Baker	Operator	Foreman	

QTY	EQUIPMENT / VEHICEL
1	Tool Truck

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by John Baker_____ Approved by:

_____

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Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-10-11	OBG	

	CPM Tasks
Went to Lowes for materials.	
Started communication testing.	
Primed second coat on metal stand and bollards.	
Drive to and from MLC.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
11.5	Gene Knapp		**Construction Specialist 1/ Foreman**	
8	Trevor Staniec		Engineer	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Ran fan from10:00am to 4:30 pm and performed comm. tests at 60 Hz. (6.5 hrs)

Submitted by: Gene Knapp Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-11-11	OBG	

	CPM Tasks
Cleaned up work area.	
Continued communication testing.	
Sealed drums.	
Drive to and from MLC.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	Gene Knapp		**Construction Specialist 1/ Foreman**	
8	Treor Staniec		Engineer	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Continued comm. Tests at 60 Hz.Shut fan off at the end of the day.
Ran fan from 8:30 am to 3:00 pm.(6.5 hrs)

Submitted by: Gene Knapp Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-12-11	OBG	

	CPM Tasks
Painted first coat of finish paint on metal stand and bollards.	
Did additional sealing inside.	
Did dailys and usage log.	
Drive to and from MLC.	
Painted second coat of finish paint on bollards.	
Installed inlet plug on stack of system # 2.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
9.5	Gene Knapp		**Construction Specialist 1/ Foreman**	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by: Gene Knapp Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-13-11	OBG	

	CPM Tasks
Did comm. testing in Roth area @ 60 Hz.	
Drive to and from MLC.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	Gene Knapp		**Construction Specialist 1/ Foreman**	
8	Steve Pierce		Sr. const. supervisor.	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Ran fan from 8:30 am to 5:00 pm.(8.5 hrs)

Submitted by: Gene Knapp Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-16-11	OBG	

	CPM Tasks
Continued comm. testing @ 60 Hz.	
Drive to and from MLC.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
6.5	Gene Knapp		**Construction Specialist 1/ Foreman**	
6	Steve Pierce		Sr. const. supervisor.	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Ran fan from 1:00 pm to 5:00 pm.(4 hrs)

Submitted by: Gene Knapp Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-17-11	OBG	

	CPM Tasks
Finished comm. testing @ 60 Hz.	
Drive to and from MLC.	
Performed IC/OC on System #1 & #2	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
11	Gene Knapp		**Construction Specialist 1/ Foreman**	
8	Steve Pierce		Sr. const. supervisor.	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Ran fan from 8:30 am to 4:30 pm.(8 hrs)
Fan ran a total of 33.5 hours over 5 days.

Submitted by: Gene Knapp Approved by: _____

Contractor's Daily Report

O'Brien & Gere, Inc. of North America

OBG Project # 46380

Date	Company	Crew
5-9-11	OBG	

	CPM Tasks
Went to Washington St to meet JMC.	
Saftey orientation at MLC.	
Went over punchlist items withSEP.	
Primed metal stand and bollards.	
Cleaned up debris around pad and bollards.	
Drive to and from MLC.	

Manpower and Equipment

Provide a detailed list of manpower and equipment resources. The Trade field refers to type of manpower, i.e. Carpenter, Electrician, etc. The Classification field refers to qualifications, i.e. Foreman, Journeyman, Apprentice, etc.

HOURS	NAME	TRADE	CLASS	
10	Gene Knapp		**Construction Specialist 1/ Foreman**	

QTY	EQUIPMENT / VEHICLE
1	Company Vehicle

Events or Issues

Provide a description of any significant events or issues to report. Include quantities and units if applicable:

Submitted by: Gene Knapp Approved by: _____

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #1

Performed by KML/SEP **Date:** 6/22/2011

System Performance Data

Fan Inlet Static Pressure (vacuum)

Fan System	1	2	3	4	5
Fan Model	RBCB-805-3				
U-Tube Reading ("w.c.)	23/27				

Is each fan mounted securely?	☑ Yes	☐ No	
Coupling connections secure?	☑ Yes	☐ No	
Is excessive noise heard when fan is running?	☐ Yes	☑ No	
Is set point indicated on speed controller?	☑ Yes	☐ No	☐ NA
Is the pipe and conduit penetration sealed to the structure's exterior?	☑ Yes	☐ No	
If fan vacuum is at maximum, measure velocity at each SSP (record below).			
Does the SSP velocity meet criteria (> 1 ft/min)?	☐ Yes	☐ No	☑ NA

Sub-Slab/Sub-Membrane SSP Static Pressure (vacuum)

SSP#	Static Pressure (" w.c.)	Fan System	Velocity at SSP (ft/min)
1	23 before filter	1	3565
	27 after		

Final Communication Test Results (Sub-Slab)- See Attached Data Table

Communication test point	B-K2605	B-A2405	B-A2105a	B-A2105b	B-A2105C	B-F280
Manometer reading (" w.c. vacuum)	-0.012	-0.004	-0.005	-0.004	-0.009	-0.019
Does smoke enter? (sub-slab ventilation systems only)						

Communication test point	B-L335N	B-F325N	B-B325N	B-A210N	A-3	E-7
Manometer reading (" w.c. vacuum)	-0.002	0	0	-0.003	0	-0.004
Does smoke enter? (sub-slab ventilation systems only)						

Were all fans in operation during final communication test?	☐ Yes	☑ No		system 2 off
Were all valves locked after final communication test?	☐ Yes	☐ No	☑ NA	
Was the pressure reading at each test point ≤ -0.004"w.c.?	☐ Yes	☑ No	☐ NA	
Was maximum building depressurization simulated during test?	☐ Yes	☑ No		
Was there precipitation during the previous 24 hours?	☑ Yes	☐ No		
What was the apparent wind speed?	☑ Calm	☐ Light	☐ Strong	

O'BRIEN & GERE

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #1

Performed by KML/SEP **Date:** 6/22/2011

Accessible Crawlspace Performance Inspection (Sub-membrane Depressurization)

Was each membrane joint and perimeter smoke tested and found to be sealed? ☐ Yes ☐ No ☑ NA

Is the manometer reading ≥ 1/10" w.c. vacuum? ☐ Yes ☐ No ☑ NA

Inaccessible Crawlspace Data (Ventilation)

☑ NA

Hz	Before filter pressure	After filter pressure	Before filter flow	After filter flow	
10	1"H20	1"H20	560 ft/min.	670 ft/min.	
20	4"H20	4"H20	1110 ft/min.	1490 ft/min.	
30	7"H20	9"H20	1650 ft/min.	1820 ft/min.	
40	11"H20	13"H20	2250 ft/min.	2700 ft/min.	
50	16"H20	19"H20	2780 ft/min.	3380 ft/min	
60	22"H20	26"H20	3090 ft/min.	4530 ft/min.	

Backdraft Test Results

Was commissioning backdraft test performed? ☐ Yes ☑ No

Was backdraft test conducted under maximum building depressurization? ☐ Yes ☑ No

On what combustion appliances was a backdraft test performed? * ☐ Hot Water Heater ☐ Dryer ☐ Fireplace (damper closed) ☐ Furnace / Boiler ☐ Fireplace (damper opened) ☐ Other_____

Was any combustion appliance not operable and could not be tested? ☐ Yes ☑ No

If yes, which appliances:

Is there is a backdraft on any appliance? ☐ Yes ☑ No

(If yes, explain) ** NA

Was a previous backdraft condition present during any previous visit? ☐ Yes ☐ No ☑ NA

* Do not operate whole house fan during backdraft test.

** If backdraft exists, shut down SSD system. Backdraft will need to be corrected prior to re-energizing system.

** If backdraft exists, please notify the property owner. Owner was notified on: (date) ___ NA

O'BRIEN & GERE

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #1

Performed by KML/SEP **Date:** 6/22/2011

Electrical System Installation Inspection

Are all electrical connections secure?	☑ Yes	☐ No	
Are all switches locked on?	☐ Yes	☑ No	☐ NA
Are audible alarm(s) present and working?	☐ Yes	☐ No	☑ NA
Is each junction box closed?	☑ Yes	☐ No	☐ NA
Is the conduit/wire properly supported?	☑ Yes	☐ No	☐ NA
Are appliances affected by fan operation?	☐ Yes	☑ No	

Pipe System Performance

Are all pipe runs properly supported (6'-horizontal/8'-vertical)?	☐ Yes	☑ No	
Were 10% of all pipe joints smoke tested?	☑ Yes	☐ No	
Did smoke enter?	☐ Yes	☑ No	
Are manometers installed at each suction point?	☑ Yes	☐ No	☐ NA
Are system suction point seals accessible?	☑ Yes	☐ No	
System suction points are sealed to the slab?	☑ Yes	☐ No	
Each component is installed?	☑ Yes	☐ No	
Excessive noise is heard in piping joints?	☐ Yes	☑ No	

Slab/Wall Repair Performance

Were drawing-identified slab and wall crack repairs/modifications smoke tested?	☑ Yes	☐ No	☐ NA
Did smoke enter?	☐ Yes	☑ No	☐ NA
Are there other visible cracks that did not draw smoke?	☑ Yes	☐ No	
Are there areas of the slab and/or walls that are not visible (e.g. finished areas)?	☑ Yes	☐ No	
Are there areas of the slab and/or walls that are not accessible (e.g. stored items)?	☑ Yes	☐ No	
Are utility penetrations sealed so they don't draw smoke?	☐ Yes	☐ No	☑ NA
Is top course of block wall open?	☐ Yes	☐ No	☑ NA
Did top course of block wall draw smoke after sealing?	☐ Yes	☐ No	☑ NA
Are sump cover(s) present and sealed properly?	☐ Yes	☐ No	☑ NA
Is sump cover structurally sound?	☐ Yes	☐ No	☑ NA
Check and clean Dranjer(s)?	☐ Yes	☐ No	☑ NA
Smoke Dranjer(s)?	☐ Yes	☐ No	☑ NA

Labeling Inspection

Correct labels applied in the proper locations?	☐ Yes	☑ No	
Commisioned value written on SSP sticker?	☐ Yes	☑ No	
Is SSDS breaker identified in the electrical panel?	☐ Yes	☑ No	

O'BRIEN & GERE

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #1

Performed by KML/SEP **Date:** 6/22/2011

System Exhaust

Are there vents to occupiable attic space?	☐ Yes	☑ No	
Are HVAC units installed in attic space?	☐ Yes	☑ No	
Are there any roof mounted air intakes that supply air into the structure?	☐ Yes	☐ No	
Is building equipped with a whole house fan(s)?	☐ Yes	☑ No	
Has Homeowner been informed to only operate the whole house fan(s) with all windows open?	☐ Yes	☐ No	☑ NA
Does the condensate line appear to be functioning correctly?	☑ Yes	☐ No	
Are all fan exhaust stacks installed?	☑ Yes	☐ No	
At least **1 foot** above the eave of the roof?	☑ Yes	☐ No	Distance above eave: ____
At least **10 ft** above ground level?	☑ Yes	☐ No	
At least **10 ft** away from any windows, doors, chimneys, or other openings into conditioned or otherwise occupied spaces?	☑ Yes	☐ No	Distance from opening: _____
If not 10 ft away, at least **2 ft** above windows, doors, chimneys, or other openings into conditioned or otherwise occupied spaces?	☑ Yes	☐ No	Distance above opening: _____ ☐ NA
Is it sufficiently sealed where downspout meets PVC pipe?	☐ Yes	☐ No	☑ NA

Documentation

Were digital photographs taken of post-installation conditions?	☑ Yes	☐ No	
Was Homeowner provided "Operational Fact Sheet"?	☐ Yes	☑ No	
Was a field modification form completed to record installation changes?	☐ Yes	☐ No	☑ NA
Was the drawing updated to show installed components?	☐ Yes	☐ No	

Comments:

Correct equipment to be captured on as-builts. Exhaust stack piping >8' between supports. No acceptable structure to anchor additional supports to.

O'BRIEN & GERE

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #2

Performed by: GPK **Date:** 5/17/2011

System Performance Data

Fan Inlet Static Pressure (vacuum)

Fan System	1	2	3	4	5
Fan Model	1/2 hp Cincinnati HPA Fan				
U-Tube Reading ("w.c.)	5.5				

Is each fan mounted securely?	☑ Yes	☐ No	
Coupling connections secure?	☑ Yes	☐ No	
Is excessive noise heard when fan is running?	☐ Yes	☑ No	
Is set point indicated on speed controller?	☑ Yes	☐ No	☐ NA
Is the pipe and conduit penetration sealed to the structure's exterior?	☑ Yes	☐ No	
If fan vacuum is at maximum, measure velocity at each SSP (record below).			
Does the SSP velocity meet criteria (> 1 ft/min)?	☐ Yes	☐ No	☑ NA

Sub-Slab/Sub-Membrane SSP Static Pressure (vacuum)

SSP#	Static Pressure (" w.c.)	Fan System	Velocity at SSP (ft/min)
1	5.5	2	1865

Final Communication Test Results (Sub-Slab)- See Attached Data Table

Communication test point					
Manometer reading (" w.c. vacuum)					
Does smoke enter? (sub-slab ventilation systems only)					

Communication test point					
Manometer reading (" w.c. vacuum)					
Does smoke enter? (sub-slab ventilation systems only)					

Were all fans in operation during final communication test?	☐ Yes	☑ No	
Were all valves locked after final communication test?	☐ Yes	☐ No	☑ NA
Was the pressure reading at each test point ≤ -0.004"w.c.?	☐ Yes	☑ No	☐ NA
Was maximum building depressurization simulated during test?	☐ Yes	☑ No	
Was there precipitation during the previous 24 hours?	☑ Yes	☐ No	
What was the apparent wind speed?	☐ Calm	☑ Light	☐ Strong

Accessible Crawlspace Performance Inspection (Sub-membrane Depressurization)

Was each membrane joint and perimeter smoke tested and found to be sealed?	☐ Yes	☐ No	☑ NA
Is the manometer reading ≥ 1/10" w.c. vacuum?	☐ Yes	☐ No	☑ NA

Inaccessible Crawlspace Data (Ventilation) ☐ NA

	Crawlspace 1	Crawlspace 2	Crawlspace 3	Crawlspace 4
SSP#	NA			
Crawlspace volume (ft^3)				
Suction pipe diameter (in.)				

O'BRIEN & GERE

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #2

Performed by: GPK **Date:** 5/17/2011

Target velocity (ft/min)				
Measured velocity (ft/min)				
Meets criteria (≥ 90%) - Y or N				

Backdraft Test Results

Was commissioning backdraft test performed? ☐ Yes ☑ No

Was backdraft test conducted under maximum building depressurization? ☐ Yes ☑ No

On what combustion appliances was a backdraft test performed? * ☐ Hot Water Heater ☐ Furnace / Boiler ☐ Other_____ ☐ Dryer ☐ Fireplace (damper opened) ☐ Fireplace (damper closed)

Was any combustion appliance not operable and could not be tested? ☐ Yes ☑ No

If yes, which appliances: _____

Is there is a backdraft on any appliance? ☐ Yes ☑ No

(If yes, explain) ** _____

Was a previous backdraft condition present during any previous visit? ☐ Yes ☐ No ☑ NA

* Do not operate whole house fan during backdraft test.

** If backdraft exists, shut down SSD system. Backdraft will need to be corrected prior to re-energizing system.

** If backdraft exists, please notify the property owner. Owner was notified on: (date) _____

Electrical System Installation Inspection

Are all electrical connections secure?	☑ Yes	☐ No	
Are all switches locked on?	☐ Yes	☑ No	☐ NA
Are audible alarm(s) present and working?	☐ Yes	☐ No	☑ NA
Is each junction box closed?	☑ Yes	☐ No	☐ NA
Is the conduit/wire properly supported?	☑ Yes	☐ No	☐ NA
Are appliances affected by fan operation?	☐ Yes	☑ No	

Pipe System Performance

Are all pipe runs properly supported (6'-horizontal/8'-vertical)?	☑ Yes	☐ No	
Were 10% of all pipe joints smoke tested?	☑ Yes	☐ No	
Did smoke enter?	☐ Yes	☑ No	
Are manometers installed at each suction point?	☑ Yes	☐ No	☐ NA
Are system suction point seals accessible?	☑ Yes	☐ No	
System suction points are sealed to the slab?	☑ Yes	☐ No	
Each component is installed?	☑ Yes	☐ No	
Excessive noise is heard in piping joints?	☐ Yes	☑ No	

Slab/Wall Repair Performance

Were drawing-identified slab and well crack repairs/modifications smoke tested?	☑ Yes	☐ No	☐ NA
Did smoke enter?	☐ Yes	☑ No	☐ NA
Are there other visible cracks that did not draw smoke?	☑ Yes	☐ No	
Are there areas of the slab and/or walls that are not visible (e.g. finished areas)?	☑ Yes	☐ No	
Are there areas of the slab and/or walls that are not accessible (e.g. stored items)?	☑ Yes	☐ No	
Are utility penetrations sealed so they don't draw smoke?	☐ Yes	☐ No	☑ NA

O'BRIEN & GERE

Installation and Operation Commissioning Checklist

Address: 1 General Motors Dr. **Structure ID #:** System #2

Performed by: GPK **Date:** 5/17/2011

Is top course of block wall open?	☐ Yes	☐ No	☑ NA
Did top course of block wall draw smoke after sealing?	☐ Yes	☐ No	☑ NA
Are sump cover(s) present and sealed properly?	☐ Yes	☐ No	☑ NA
Is sump cover structurally sound?	☐ Yes	☐ No	☑ NA
Check and clean Dranjer(s)?	☐ Yes	☐ No	☑ NA
Smoke Dranjer(s)?	☐ Yes	☐ No	☑ NA

Labeling Inspection

Correct labels applied in the proper locations?	☐ Yes	☑ No	
Commisioned value written on SSP sticker?	☐ Yes	☑ No	
Is SSDS breaker identified in the electrical panel?	☐ Yes	☑ No	

System Exhaust

Are there vents to occupiable attic space?	☐ Yes	☑ No	
Are HVAC units installed in attic space?	☐ Yes	☑ No	
Are there any roof mounted air intakes that supply air into the structure?	☐ Yes	☑ No	
Is building equipped with a whole house fan(s)?	☐ Yes	☑ No	
Has Homeowner been informed to only operate the whole house fan(s) with all windows open?	☐ Yes	☐ No	☑ NA
Does the condensate line appear to be functioning correctly?	☑ Yes	☐ No	
Are all fan exhaust stacks installed?	☑ Yes	☐ No	
At least **1 foot** above the eave of the roof?	☑ Yes	☐ No	Distance above eave: _____
At least **10 ft** above ground level?	☑ Yes	☐ No	
At least **10 ft** away from any windows, doors, chimneys, or other openings into conditioned or otherwise occupied spaces?	☑ Yes	☐ No	Distance from opening: _____
If not 10 ft away, at least **2 ft** above windows, doors, chimneys, or other openings into conditioned or otherwise occupied spaces?	☑ Yes	☐ No	Distance above opening: _____ ☐ NA
Is it sufficiently sealed where downspout meets PVC pipe?	☐ Yes	☐ No	☑ NA

Documentation

Were digital photographs taken of post-installation conditions?	☑ Yes	☐ No	
Was Homeowner provided "Operational Fact Sheet"?	☐ Yes	☑ No	
Was a field modification form completed to record installation changes?	☐ Yes	☐ No	☑ NA
Was the drawing updated to show installed components?	☐ Yes	☐ No	

VFD Setting	Flow Rate upstream of filter (l/min)	Monometer reading upstream of filter	Flow rate downstream of filter (l/min)	Monometer reading downstream of filter
60 hz	4250	19	8100	42
50 hz	3500	15	7000	32
40 hz	2850	11	5700	21
30 hz	2200	6	4200	12
20 hz	1500	3	2600	6

Comments: _____

Appendix E

Air Modeling Evaluation Memo

September 28, 2011

Mr. Robert C. Edwards
Bureau of Central Remedial Action
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th floor
Albany, New York 12233

Re: RACER Trust - Former Syracuse IFG Facility and Deferred Media (Registry # 7-34-057) Site – Phase I Vapor Intrusion Mitigation – System 1 Startup

Dear Mr. Edwards:
This letter provides the status of the Phase I Vapor Intrusion (VI) Mitigation Interim Remedial Measure and proposed approach to proceed with startup of the second Phase I sub-slab depressurization system (SSDS).

Consistent with the June 16, 2010 *Revised Vapor Intrusion Mitigation Interim Remedial Measure Work Plan*, Phase I of the IRM has been installed. Phase I consisted of:

- Installation of 100 ft long SSDS using trench technology (System 2)
- Installation of a 510-ft long SSDS using horizontal boring technology (System 1).

System 2
Construction of System 2 (the 100-ft long SSDS) was completed in February 2011. Following installation of System 2, communication testing was performed. The results of the communication testing for System 2 are provided on Figure 1. In addition to communication testing, emission samples were collected for System 2. System 2 emissions testing results indicated relatively low level concentrations of TCE. Detected analytical results for this sampling event are included in Table 1.

Following completion of the emission testing of System 2, the air dispersion model SCREEN3 was used to estimate ground-level air quality effects that could result from operating System 2.

The estimated ground-level air quality impact concentrations resulting from this source, as generated by the model, were compared to NYSDEC's DAR-1 modeling guidelines, including both short-term guideline concentrations (SGCs) and annual guideline concentrations (AGCs). Estimated ground-level air quality impact concentrations of TCE, the primary constituent of concern from System 2, were below TCE's respective SGC and AGC of 14,000 µg/m^3 and 0.5 µg/m^3, respectively. A summary of the SCREEN3 modeling results is provided in Table 2.

System 1

Construction of System 1 (the 510-ft long SSDS) was completed in April, 2011. Following installation of System 1, communication testing was performed. The results of the communication testing for System 1 are provided on Figure 2. In addition to communication testing, emission samples were collected for System 1. Detected analytical results for the System 1 emissions testing are included in Table 3.

Following completion of the emission testing of System 1, the air dispersion model AERMOD was used to estimate the cumulative ground-level air quality impacts associated with operation of both System 1 and System 2. The estimated air quality impacts of TCE were below both the SGC and AGC at both on-site and off-site locations. A summary of the AERMOD results is provided in Table 4.

Proposed approach

Given that the AERMOD air dispersion model predicted that operation of both System 1 and 2 does not result in ambient impact concentrations in excess of NYSDEC DAR-1 modeling guidance thresholds, RACER proposes to initiate operation of System 2 on October 17, 2011 without emission controls.

Consistent with the June 2010 *Revised Vapor Intrusion Mitigation Interim Remedial Measure Work Plan,* RACER proposes to collect indoor air samples following 45 days of continuous operation of System 2. The indoor air samples are proposed to be collected at similar locations to past sampling events, and the sampling will be conducted in accordance with the NYSDEC-approved 2006 *Vapor Intrusion Monitoring Work Plan*, the July 2009 *Vapor Intrusion Monitoring Work Plan*, and the NYSDEC-approved October 2009 *Vapor Intrusion Monitoring Work Plan Addendum*. Results of this sampling event will be used to evaluate whether it is necessary to conduct further VI mitigation activities.

Please contact me at (201) 247–4890 should you have any questions or require further information.
Sincerely,

M. Brendan Mullen
Cleanup Manager (NY)
RACER Trust
I:\Racer-Trust.15388\47774.Vi-Mitigation-C\Corres\bce_VI System 1 Startup.docx

cc: Distribution List

Syracuse Main Plant OU-1 RI/FS Program Distribution List - Government Agencies

1 copy (or 5 copies if plan or report -
1 unbound and 1 on computer diskette):

Robert Edwards
NYSDEC Project Manager
Remedial Bureau D
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

---

1 copy of correspondence (Report cover letters only):

Donald Hesler
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

---

1 copy:

Mark Sergott
Bureau of Environmental Exposure Investigation
New York State Department of Health
Flanigan Square
547 River Street, Room 300
Troy, New York 12180-2216

---

1 copy (or 2 copies if plan or report):

Regional Director, Region 7
NYS Department of Environmental Conservation
615 Erie Blvd. West
Syracuse, New York 13204-2400

---

1 copy (excluding plans or reports):

Argie Cirillo, Esq.
Assistant Regional Counsel
U.S. Environmental Protection Agency, Region II
290 Broadway
New York, New York 10007-1866

---

1 copy (or transmittal letter only if plan or report):

Margaret A. Sheen, Esq.
NYS Department of Environmental Conservation
615 Erie Boulevard West
Syracuse, New York 13204
315-426-7405 315-426-7408

---

1 copy (2 copies if HHRA submittal or 3 copies if BERA submittal):

Patricia Simmons Pierre, RPM
Central New York Remediation Section
NY Remedial Branch
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, New York 10007-1866

Syracuse Main Plant OU-1 RI/FS Program Distribution List - RACER Team

M. Brendan Mullen	RACER Trust 2930 Ecorse Road Ypsilanti, MI 48198 Phone: 313-486-2908
Doug Crawford Maureen Markert Clare Leary	O'Brien and Gere Engineers Inc. 333 W. Washington St P.O. Box 4873 Syracuse, NY 13221-4873 Phone: 315-956-6100 Fax: 315-463-7554

Tables

Table 1 – Summary of Emissions Test Results for System 2
Table 2 – Summary of Air Dispersion Modeling for System 2
Table 1 – Summary of Emissions Test Results for System 1
Table 3 – Summary of Air Dispersion Modeling for System 1

Table 1
Former IFG Facility
RACER Trust
Syracuse, New York
Summary of Emissions Test Results for System 2

Chemical Name	CAS	Units	MLC-VENT-2-021711-1 SSDS Sytem 2 GS 2/17/2011	MLC-VENT-2-021711-2 SSDS System 2 GS 2/17/2011	MLC-VENT-2-021711-3 SSDS System 2 GS 2/17/2011
1,1,1-Trichloroethane	71-55-6	ppbv	4.4	4.1	3.9
1,1-Dichloroethane	75-34-3	ppbv	2 U	1.6 U	1.6 U
1,1-Dichloroethene	75-35-4	ppbv	2 U	1.6 U	1.6 U
1,2-Dichloroethane	107-06-2	ppbv	2 U	1.6 U	1.6 U
cis-1,2-Dichloroethene	156-59-2	ppbv	2 U	1.6 U	1.6 U
Ethylbenzene	100-41-4	ppbv	16	14	13
m&p-Xylene	M/P-XYLENE	ppbv	41	36	32
o-Xylene	95-47-6	ppbv	6.9	7	6.5
Tetrachloroethene	127-18-4	ppbv	2 U	1.6 U	1.6 U
Toluene	108-88-3	ppbv	6.3	12	9.8
trans-1,2-Dichloroethene	156-60-5	ppbv	2 U	1.6 U	1.6 U
Trichloroethene	79-01-6	ppbv	18	32	50
Methylene Chloride	75-09-2	ppbv	5 U	4 U	4 U
Chloroethane	75-00-3	ppbv	5 U	4 U	4 U

Chemical Name	CAS	Units	MLC-VENT-2-021711-1 SSDS Sytem 2 GS 2/17/2011	MLC-VENT-2-021711-2 SSDS System 2 GS 2/17/2011	MLC-VENT-2-021711-3 SSDS System 2 GS 2/17/2011
1,1,1-Trichloroethane	71-55-6	ug/m3	24	23	21
1,1-Dichloroethane	75-34-3	ug/m3	8.1 U	6.5 U	6.5 U
1,1-Dichloroethene	75-35-4	ug/m3	7.9 U	6.3 U	6.3 U
1,2-Dichloroethane	107-06-2	ug/m3	8.1 U	6.5 U	6.5 U
cis-1,2-Dichloroethene	156-59-2	ug/m3	7.9 U	6.3 U	6.3 U
Ethylbenzene	100-41-4	ug/m3	71	61	54
m&p-Xylene	M/P-XYLENE	ug/m3	180	160	140
o-Xylene	95-47-6	ug/m3	30	30	28
Tetrachloroethene	127-18-4	ug/m3	14 U	11 U	11 U
Toluene	108-88-3	ug/m3	24	45	37
trans-1,2-Dichloroethene	156-60-5	ug/m3	7.9 U	6.3 U	6.3 U
Trichloroethene	79-01-6	ug/m3	96	170	270
Methylene Chloride	75-09-2	ug/m3	17 U	14 U	14 U
Chloroethane	75-00-3	ug/m3	13 U	11 U	11 U

List of analytes corresponds to the list of analytes to be analyzed for per the July 9, 2009 Vapor Intrusion Monitoring Work Plan and the October 1, 2009 Vapor Intrusion Monitoring Work Plan Addendum.
U qualifer denotes that the analyte was analyzed for but not detected

Table 2
Former IFG Facility
RACER Trust
Syracuse, New York
Summary of Air Dispersion Modeling Results for System 2

Run 1

Analyte	Concentration in Vent Exhaus (ug/m3)	Volumetric Flow Rate (acfm)	Vent Emission Rate g/sec	Maximum 1-Hour Impact Concentration (ug/m3)	SGC (ug/m3)	% of SGC	Maximum Annual Impact Concentration (ug/m3)	AGC (ug/m3)	% of AGC
1,1,1-Trichloroethane	24	183	2.07E-06	0.00210	9,000	0.0%	0.000210	5,000	0.0%
Tricholoroethene	96	183	8.29E-06	0.00838	14,000	0.0%	0.000838	0.5	0.2%
Toluene	24	183	2.07E-06	0.00210	37,000	0.0%	0.000210	5,000	0.0%
Ethylbenzene	71	183	6.13E-06	0.00620	54,000	0.0%	0.000620	1,000	0.0%
m,p-Xylene	180	183	1.55E-05	0.0157	4,300	0.0%	0.00157	100	0.0%
Xylene, o-	30	183	2.59E-06	0.00262	4,300	0.0%	0.000262	100	0.0%
Xylene (total)	210	183	1.81E-05	0.0183	4,300	0.0%	0.00183	100	0.0%

Run 2

Analyte	Concentration in Vent Exhaus (ug/m3)	Volumetric Flow Rate (acfm)	Vent Emission Rate g/sec	Maximum 1-Hour Impact Concentration (ug/m3)	SGC (ug/m3)	% of SGC	Maximum Annual Impact Concentration (ug/m3)	AGC (ug/m3)	% of AGC
1,1,1-Trichloroethane	23	183	1.99E-06	0.00201	9,000	0.0%	0.000201	5,000	0.0%
Tricholoroethene	170	183	1.47E-05	0.0148	14,000	0.0%	0.00148	0.5	0.3%
Toluene	45	183	3.89E-06	0.00393	37,000	0.0%	0.000393	5,000	0.0%
Ethylbenzene	61	183	5.27E-06	0.00533	54,000	0.0%	0.000533	1,000	0.0%
m,p-Xylene	160	183	1.38E-05	0.0140	4,300	0.0%	0.00140	100	0.0%
Xylene, o-	30	183	2.59E-06	0.00262	4,300	0.0%	0.000262	100	0.0%
Xylene (total)	190	183	1.64E-05	0.0166	4,300	0.0%	0.00166	100	0.0%

Run 3

Analyte	Concentration in Vent Exhaus (ug/m3)	Volumetric Flow Rate (acfm)	Vent Emission Rate g/sec	Maximum 1-Hour Impact Concentration (ug/m3)	SGC (ug/m3)	% of SGC	Maximum Annual Impact Concentration (ug/m3)	AGC (ug/m3)	% of AGC
1,1,1-Trichloroethane	21	183	1.81E-06	0.00183	9,000	0.0%	0.000183	5,000	0.0%
Tricholoroethene	270	183	2.33E-05	0.0236	14,000	0.0%	0.00236	0.5	0.5%
Toluene	37	183	3.20E-06	0.00323	37,000	0.0%	0.000323	5,000	0.0%
Ethylbenzene	54	183	4.66E-06	0.00472	54,000	0.0%	0.000472	1,000	0.0%
m,p-Xylene	140	183	1.21E-05	0.0122	4,300	0.0%	0.00122	100	0.0%
Xylene, o-	28	183	2.42E-06	0.00244	4,300	0.0%	0.000244	100	0.0%
Xylene (total)	170	183	1.47E-05	0.0148	4,300	0.0%	0.00148	100	0.0%

Notes:
NYSDEC "DAR-1 AGC/SGC Tables" Division of Air Resources, Air Toxics Section, October 18, 2010.
Air Model Used: SCREEN3

Table 3
Former IFG Facility
RACER Trust
Syracuse, New York
Summary of Emissions Test Results for System 1

Chemical Name	CAS	Units	VI SYSTEM 1 RUN 1 SSDS Sytem 1 GS 6/28/2011	VI SYSTEM 1 RUN 2 SSDS System 1 GS 6/28/2011	VI SYSTEM 1 RUN 3 SSDS System 1 GS 6/28/2011
1,1,1-Trichloroethane	71-55-6	ppbv	200 U	200 U	200 U
1,1-Dichloroethane	75-34-3	ppbv	200 U	200 U	200 U
1,1-Dichloroethene	75-35-4	ppbv	200 U	200 U	200 U
1,2-Dichloroethane	107-06-2	ppbv	200 U	200 U	200 U
cis-1,2-Dichloroethene	156-59-2	ppbv	1000	990	1000
Ethylbenzene	100-41-4	ppbv	200 U	200 U	200 U
m&p-Xylene	M/P-XYLENE	ppbv	510 U	510 U	500 U
o-Xylene	95-47-6	ppbv	200 U	200 U	200 U
Tetrachloroethene	127-18-4	ppbv	200 U	200 U	200 U
Toluene	108-88-3	ppbv	200 U	200 U	200 U
trans-1,2-Dichloroethene	156-60-5	ppbv	200 U	200 U	200 U
Trichloroethene	79-01-6	ppbv	26000	28000	29000
Methylene Chloride	75-09-2	ppbv	510 U	510 U	500 U
Chloroethane	75-00-3	ppbv	510 U	510 U	500 U

Chemical Name	CAS	Units	MLC-VENT-2-021711-1 SSDS Sytem 2 GS 6/28/2011	MLC-VENT-2-021711-2 SSDS System 2 GS 6/28/2011	MLC-VENT-2-021711-3 SSDS System 2 GS 6/28/2011
1,1,1-Trichloroethane	71-55-6	ug/m3	1100 U	1100 U	1100 U
1,1-Dichloroethane	75-34-3	ug/m3	830 U	830 U	810 U
1,1-Dichloroethene	75-35-4	ug/m3	810 U	810 U	790 U
1,2-Dichloroethane	107-06-2	ug/m3	830 U	830 U	810 U
cis-1,2-Dichloroethene	156-59-2	ug/m3	4000	3900	3900
Ethylbenzene	100-41-4	ug/m3	890 U	890 U	860 U
m&p-Xylene	M/P-XYLENE	ug/m3	2200 U	2200 U	2200 U
o-Xylene	95-47-6	ug/m3	890 U	890 U	860 U
Tetrachloroethene	127-18-4	ug/m3	1400 U	1400 U	1400 U
Toluene	108-88-3	ug/m3	770 U	770 U	750 U
trans-1,2-Dichloroethene	156-60-5	ug/m3	810 U	810 U	790 U
Trichloroethene	79-01-6	ug/m3	140000	15000	160000
Methylene Chloride	75-09-2	ug/m3	1800 U	1800 U	1700 U
Chloroethane	75-00-3	ug/m3	1300 U	1300 U	1300 U

List of analytes corresponds to the list of analytes to be analyzed for per the July 9, 2009 Vapor Intrusion Monitoring Work Plan and the October 1, 2009 Vapor Intrusion Monitoring Work Plan Addendum.
U qualifer denotes that the analyte was analyzed for but not detected

Table 4
Former IFG Facility
Racer Trust
Syracuse, New York
Summary of Air Dispersion Modeling Results for System 1 and System 2

Contaminant	CAS Number	Averaging Period	Predicted Maximum Ambient Concentration (ug/m^3)	AGC/SGC[(a)] (ug/m^3)	Percent AGC/SGC (%)
Trichloroethylene	79-01-6	1-Hour	4.3	14,000	<1
		Annual	0.30	0.5	60

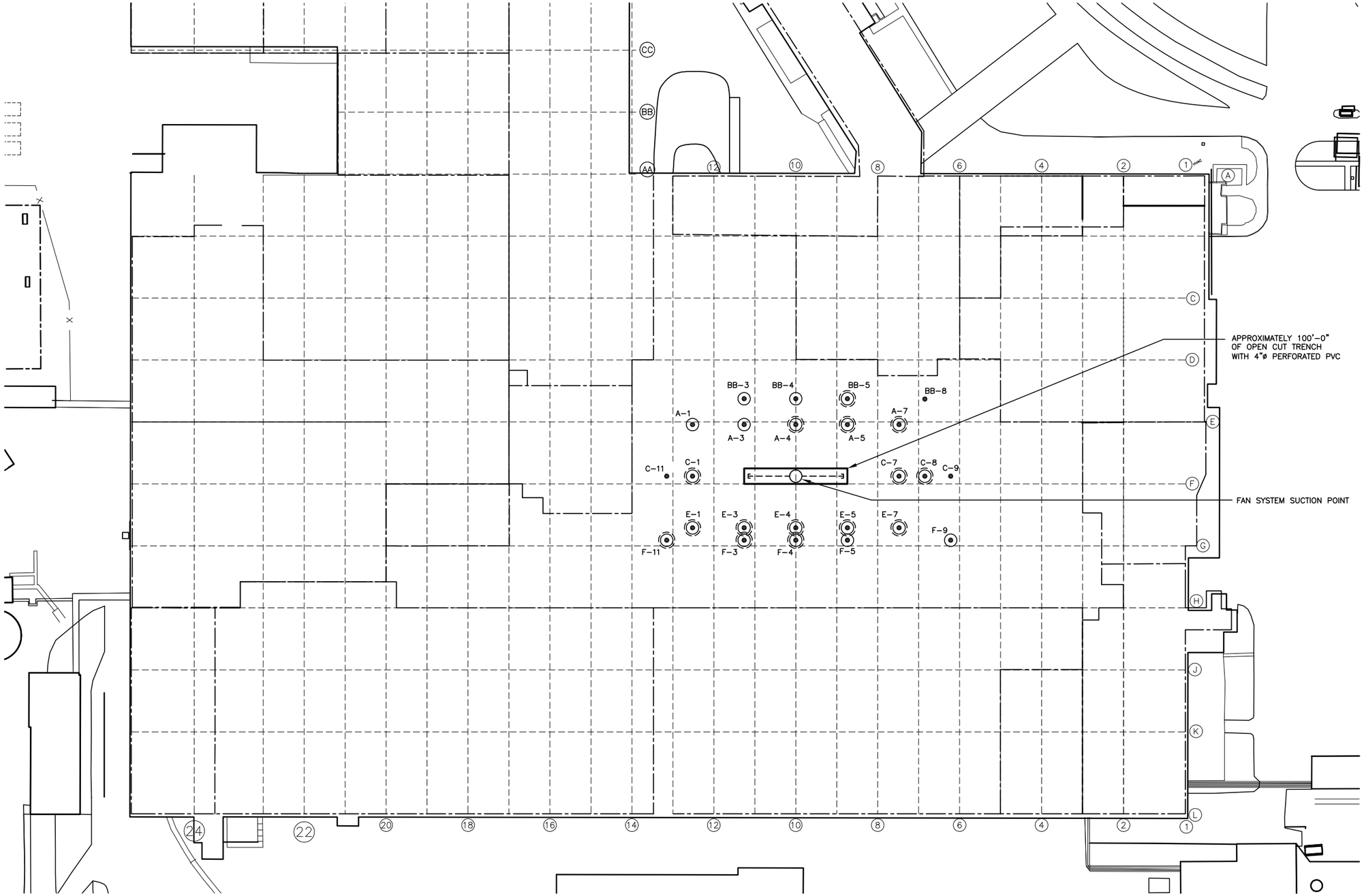
Notes:
(a) NYSDEC "DAR-1 AGC/SGC Tables" Division of Air Resources, Air Toxics Section, October 18, 2010.
Air Dispersion Model used: AERMOD

Figures

Figure 1 – Vapor Intrusion Mitigation System
Trench Pipe Communication Testing – System 2

Figure 2 – Vapor Intrusion Mitigation System
Bored Pipe Communication Testing – System 1

Apr 01, 2011 - 8:52am



PLAN
SCALE: 1"=50'

LEGEND

- TENANT SPACE OUTLINES
- LOCATION > 0.004 @ 60Hz
- LOCATION > 0.004 @ 30Hz

NOTES:

1. COMMUNICATION TESTING PERFORMED ON FEBRUARY 18, 2011.
2. FAN @ 60Hz PRODUCED 5.5" H20 @ 1790 CF/MIN.
3. FAN @ 30Hz PRODUCED 1.5" H20 @ 780 CF/MIN.
4. "DISTANCE FROM SUCTION" IS MEASURED TO THE NEAREST SECTION OF TRENCH.

Location ID	Distance From Suction (ft)	Vacuum @ 60 Hz	Vacuum @ 30 Hz
A1	68.00	−0.015	−0.004
A3	50.00	−0.009	0.000
A4	50.00	−0.082	−0.020
A5	50.00	−0.080	−0.012
A7	71.00	−0.020	−0.008
C1	50.00	−0.028	−0.008
C7	50.00	−0.178	−0.063
C8	75.00	−0.037	−0.010
C9	100.00	−0.002	0.000
C11	75.00	0.000	0.000
E1	67.00	−0.073	−0.027
E3	50.00	−0.185	−0.056
E4	50.00	−1.399	−0.453
E5	50.00	−0.930	−0.298
E7	73.00	−0.160	−0.055
F3	62.00	−0.207	−0.060
F4	62.00	−0.879	−0.222
F5	62.00	−0.008	No Reading
F6	67.00	0.000	−0.004
F8	115.00	−0.001	0.000
F11	96.00	−0.012	0.000
BB3	75.00	+0.010	No Reading
BB4	75.00	+0.010	No Reading
BB5	75.00	+0.005	+0.010
BB8	100.00	0.000	0.000

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DESIGNED BY _____ CHECKED BY _____
DRAWN BY _____

1"=50' 50 0 50 100

NO.	DATE	REVISION	INIT.

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FORMER INLAND
FISHER GUIDE FACILITY
SYRACUSE, NY

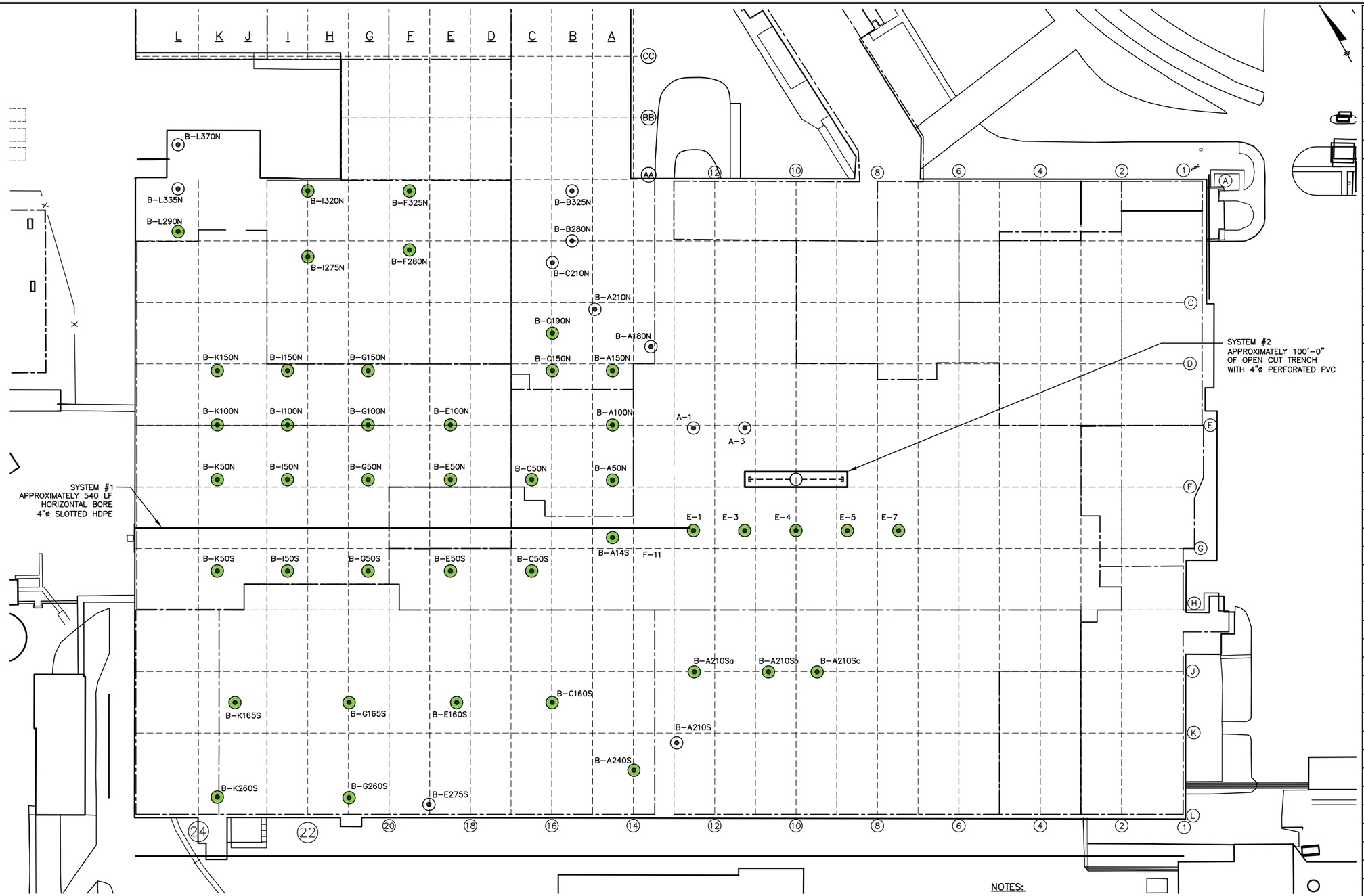
PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
TRENCH PIPE COMMUNICATION TESTING

FILE NO. 14774.46380-011
DATE MARCH 2011

FIG 1

I:\Mlc.14774\46380.Mlc-Vi-Mitigat\Docs\DWG Sheets\46380.011-FIG1.dwg

Jun 02, 2011 - 5:20pm



PLAN
SCALE: 1"=50'

LEGEND

- TENANT SPACE OUTLINES
- LOCATION > 0.004 @ 60Hz
- TESTED LOCATION

NOTES:

1. COMMUNICATION TESTING PERFORMED MAY 2011.
2. FAN @ 60Hz PRODUCED 45" H2O @ 380 CF/MIN.
3. "DISTANCE FROM SUCTION" IS MEASURED PERPENDICULAR TO THE PIPE.
4. "DISTANCE TO FAN" IS MEASURED ALONG THE AXIS OF THE BORED PIPE.
5. SYSTEM #2 NOT OPERATING DURING SYSTEM #1 COMMUNICATION TESTING.

LOCATION ID	DISTANCE FROM FAN (LF)	DISTANCE FROM SUCTION (LF)	READING
B-A210N	440.00	210 North	0.000
B-A180N	495.00	180 North	0.000
B-A150N	460.00	150 North	-0.018
B-A100N	460.00	100 North	-0.025
B-A50N	460.00	50 North	-0.130
B-A14S	460.00	14 South	-0.200
B-A140S	540.00	140 South	-0.014
B-A210Sa	520.00	210 South	0.000
B-A210Sb	612.00	210 South	-0.008
B-A210Sc	655.00	210 South	-0.003
B-A240S	480.00	240 South	-0.009
B-B280N	335.00	280 North	-0.001
B-B325N	335.00	325 North	0.000
B-C150N	400.00	150 North	-0.011
B-C190N	400.00	190 North	-0.012
B-C210N	400.00	210 North	-0.003
B-C50N	385.00	50 North	-0.193
B-C50S	385.00	50 North	-0.028
B-C160S	400.00	160 South	-0.005
B-E100N	305.00	100 North	-0.015
B-E50N	305.00	50 North	-0.026
B-E50S	305.00	50 North	-0.011
B-E160S	305.00	160 South	-0.007
B-E275S	295.00	275 South	0.000
B-F280N	250.00	280 North	-0.015
B-F325N	250.00	325 North	-0.005
B-G150N	225.00	150 North	-0.021
B-G100N	225.00	100 North	-0.018
B-G50N	225.00	50 North	-0.026
B-G50S	225.00	50 North	-0.033
B-G165S	205.00	165 South	-0.018
B-G260S	205.00	260 South	-0.007
B-I150N	145.00	150 North	-0.016
B-I100N	145.00	100 North	-0.037
B-I50N	145.00	50 North	-0.036
B-I50S	145.00	50 South	-0.029
B-I320N	165.00	320 North	-0.005
B-I275N	165.00	275 North	-0.010
B-K155N	80.00	155 North	-0.030
B-K100N	80.00	100 North	-0.031
B-K50N	80.00	50 North	-0.016
B-K50S	80.00	50 North	-0.063
B-K165S	110.00	165 South	-0.020
B-K260S	85.00	260 South	-0.011
B-L290N	40.00	290 North	-0.029
B-L335N	40.00	335 North	-0.003
B-L370N	40.00	370 North	0.000
A-1	540.00	100 North	-0.004
E-1	537.00	27 East	-0.150
E-3	590.00	66 East	-0.033
E-4	627.00	116 East	-0.026
E-5	675.00	154 East	-0.014
E-7	735.00	204 East	-0.005

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DESIGNED BY _____ CHECKED BY _____
DRAWN BY _____

1"=50' 50 0 50 100

NO.	DATE	REVISION	INIT.

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FISHER GUIDE FACILITY
SYRACUSE, NY

PHASE 1
VAPOR INTRUSION MITIGATION SYSTEM
BORED PIPE COMMUNICATION TESTING
SYSTEM 1

FILE NO. 14774.46380-012
DATE MARCH 2011

FIG 2

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Appendix F

2012 Post-SSDS Indoor Air Sampling Data Package

ANALYTICAL REPORT

Job Number: 200-9901-1

SDG Number: 200-9901-1

Job Description: RACER

For:
O'Brien & Gere Inc of North America
PO BOX 4873
333 West Washington St.
Syracuse, NY 13221-4873

Attention: Clare Leary

Approved for release.
Sara S Goff
Project Manager I
3/29/2012 3:21 PM

Designee for
Don C Dawicki
Customer Service Manager
don.dawicki@testamericainc.com
03/29/2012

cc: Mr. Matthew Traister, PE

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 8

Executive Summary 9

Method Summary 19

Method / Analyst Summary 20

Sample Datasheets 21

QC Data Summary 41

Data Qualifiers 44

QC Association Summary 45

Lab Chronicle 46

Certification Summary 49

Organic Sample Data 50

Air - GC/MS VOA 50

Method TO15 Low Level 50

Method TO15 Low Level QC Summary 51

Method TO15 Low Level Sample Data 57

Standards Data 291

Method TO15 Low Level ICAL Data 291

Method TO15 Low Level CCAL Data 343

Raw QC Data 354

Method TO15 Low Level Tune Data 354

Method TO15 Low Level Blank Data 362

Method TO15 Low Level LCS/LCSD Data 369

Table of Contents

Method TO15 Low Level Run Logs 374

Method TO15 Low Level Prep Data 377

Pre-shipment Certification 378

LCS Data 380

Blank Data 382

Tune Data 390

IS/RT Data 392

Clean Canister Data 394

ICAL Data 481

ICV/CCV Data 491

Run Logs 497

Shipping and Receiving Documents 502

Client Chain of Custody 503

Sample Receipt Checklist 506

CASE NARRATIVE

Client: O'Brien & Gere Inc of North America

Project: RACER

Report Number: 200-9901-1

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 03/19/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples IA-031512-CM-29, IA-031512-CM-30, IA-031512-CM-31, IA-031512-CM-32, IA-031512-CM-33, IA-031512-CM-34, IA-031512-CM-35, IA-031512-CM-36-DUP, IA-031512-CM-37 and AA-031512-CM-38 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 03/27/2012.

The continuing calibration verification (CCV) for analytical batch 35718 exceeded control criteria for 3-chloro-1-propene. The data have been qualified and reported.

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Instrument ID: E.i Analysis Batch Number: 31788

Lab Sample ID: IC 200-31788/3 Client Sample ID:

Date Analyzed: 01/04/12 18:42 Lab File ID: eer003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromoform	16.64	Peak not found by the data system	wrd	01/05/12 09:42

Lab Sample ID: IC 200-31788/4 Client Sample ID:

Date Analyzed: 01/04/12 19:37 Lab File ID: eer004.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	10.98	Poor chromatography	jd1	01/05/12 11:21

Lab Sample ID: IC 200-31788/6 Client Sample ID:

Date Analyzed: 01/04/12 21:26 Lab File ID: eer006.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	6.96	Baseline event	wrd	01/05/12 09:50
Methyl methacrylate	12.25	Baseline event	wrd	01/05/12 09:52

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Instrument ID: E.i Analysis Batch Number: 35718

Lab Sample ID: 200-9901-1 Client Sample ID: IA-031512-CM-29

Date Analyzed: 03/27/12 00:48 Lab File ID: eerag15.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	10.29	Baseline event	wrd	03/27/12 08:51
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 08:52

Lab Sample ID: 200-9901-2 Client Sample ID: IA-031512-CM-30

Date Analyzed: 03/27/12 01:42 Lab File ID: eerag16.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 08:55

Lab Sample ID: 200-9901-4 Client Sample ID: IA-031512-CM-32

Date Analyzed: 03/27/12 03:29 Lab File ID: eerag18.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 09:05

Lab Sample ID: 200-9901-5 Client Sample ID: IA-031512-CM-33

Date Analyzed: 03/27/12 04:22 Lab File ID: eerag19.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 09:07

Lab Sample ID: 200-9901-6 Client Sample ID: IA-031512-CM-34

Date Analyzed: 03/27/12 05:16 Lab File ID: eerag20.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 09:09

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Instrument ID: E.i Analysis Batch Number: 35718

Lab Sample ID: 200-9901-8 Client Sample ID: IA-031512-CM-36-DUP

Date Analyzed: 03/27/12 07:04 Lab File ID: eerag22.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 09:11

Lab Sample ID: 200-9901-9 Client Sample ID: IA-031512-CM-37

Date Analyzed: 03/27/12 07:58 Lab File ID: eerag23.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	17.32	Baseline event	wrd	03/27/12 09:14

SAMPLE SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-9901-1	IA-031512-CM-29	Air	03/15/2012 1244	03/19/2012 0945
200-9901-2	IA-031512-CM-30	Air	03/15/2012 1424	03/19/2012 0945
200-9901-3	IA-031512-CM-31	Air	03/15/2012 1440	03/19/2012 0945
200-9901-4	IA-031512-CM-32	Air	03/15/2012 1456	03/19/2012 0945
200-9901-5	IA-031512-CM-33	Air	03/15/2012 1511	03/19/2012 0945
200-9901-6	IA-031512-CM-34	Air	03/15/2012 1516	03/19/2012 0945
200-9901-7	IA-031512-CM-35	Air	03/15/2012 1537	03/19/2012 0945
200-9901-8	IA-031512-CM-36-DUP	Air	03/15/2012 1536	03/19/2012 0945
200-9901-9	IA-031512-CM-37	Air	03/15/2012 1548	03/19/2012 0945
200-9901-10	AA-031512-CM-38	Air	03/15/2012 1525	03/19/2012 0945

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-1	**IA-031512-CM-29**					
Dichlorodifluoromethane		0.41		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.0		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.20		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.1		0.22	ug/m3	TO15 LL
Methylene Chloride		0.78		0.40	ppb v/v	TO15 LL
Methylene Chloride		2.7		1.4	ug/m3	TO15 LL
n-Hexane		0.21		0.080	ppb v/v	TO15 LL
n-Hexane		0.75		0.28	ug/m3	TO15 LL
Chloroform		0.062		0.040	ppb v/v	TO15 LL
Chloroform		0.30		0.20	ug/m3	TO15 LL
Cyclohexane		0.053		0.040	ppb v/v	TO15 LL
Cyclohexane		0.18		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.058		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.36		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.053		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.25		0.19	ug/m3	TO15 LL
Benzene		0.57		0.040	ppb v/v	TO15 LL
Benzene		1.8		0.13	ug/m3	TO15 LL
n-Heptane		0.093		0.040	ppb v/v	TO15 LL
n-Heptane		0.38		0.16	ug/m3	TO15 LL
1,2-Dichloropropane		0.11		0.080	ppb v/v	TO15 LL
1,2-Dichloropropane		0.49		0.37	ug/m3	TO15 LL
Toluene		0.72		0.040	ppb v/v	TO15 LL
Toluene		2.7		0.15	ug/m3	TO15 LL
Ethylbenzene		0.13		0.040	ppb v/v	TO15 LL
Ethylbenzene		0.55		0.17	ug/m3	TO15 LL
o-Xylene		0.15		0.040	ppb v/v	TO15 LL
o-Xylene		0.66		0.17	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.43		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		1.9		0.17	ug/m3	TO15 LL
Xylenes, Total		0.59		0.040	ppb v/v	TO15 LL
Xylenes, Total		2.5		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-2	**IA-031512-CM-30**					
Dichlorodifluoromethane		0.46		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.3		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.30		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.7		0.22	ug/m3	TO15 LL
n-Hexane		0.25		0.080	ppb v/v	TO15 LL
n-Hexane		0.88		0.28	ug/m3	TO15 LL
Cyclohexane		0.047		0.040	ppb v/v	TO15 LL
Cyclohexane		0.16		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.067		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.42		0.25	ug/m3	TO15 LL
Benzene		0.29		0.040	ppb v/v	TO15 LL
Benzene		0.93		0.13	ug/m3	TO15 LL
n-Heptane		0.13		0.040	ppb v/v	TO15 LL
n-Heptane		0.53		0.16	ug/m3	TO15 LL
Trichloroethene		0.44		0.040	ppb v/v	TO15 LL
Trichloroethene		2.4		0.21	ug/m3	TO15 LL
Toluene		2.2		0.040	ppb v/v	TO15 LL
Toluene		8.2		0.15	ug/m3	TO15 LL
Ethylbenzene		0.91		0.040	ppb v/v	TO15 LL
Ethylbenzene		4.0		0.17	ug/m3	TO15 LL
o-Xylene		1.9		0.040	ppb v/v	TO15 LL
o-Xylene		8.4		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.11		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.55		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.22		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		1.1		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		4.2		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		18		0.17	ug/m3	TO15 LL
Xylenes, Total		6.1		0.040	ppb v/v	TO15 LL
Xylenes, Total		26		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-3	**IA-031512-CM-31**					
Dichlorodifluoromethane		0.50		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.5		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.72		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		4.0		0.22	ug/m3	TO15 LL
n-Hexane		0.60		0.080	ppb v/v	TO15 LL
n-Hexane		2.1		0.28	ug/m3	TO15 LL
Cyclohexane		0.15		0.040	ppb v/v	TO15 LL
Cyclohexane		0.51		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.068		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.43		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.13		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.62		0.19	ug/m3	TO15 LL
Benzene		0.33		0.040	ppb v/v	TO15 LL
Benzene		1.0		0.13	ug/m3	TO15 LL
n-Heptane		0.22		0.040	ppb v/v	TO15 LL
n-Heptane		0.92		0.16	ug/m3	TO15 LL
Trichloroethene		0.17		0.040	ppb v/v	TO15 LL
Trichloroethene		0.90		0.21	ug/m3	TO15 LL
Toluene		1.7		0.040	ppb v/v	TO15 LL
Toluene		6.3		0.15	ug/m3	TO15 LL
Ethylbenzene		0.23		0.040	ppb v/v	TO15 LL
Ethylbenzene		1.0		0.17	ug/m3	TO15 LL
o-Xylene		0.31		0.040	ppb v/v	TO15 LL
o-Xylene		1.3		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.085		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.42		0.20	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.88		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		3.8		0.17	ug/m3	TO15 LL
Xylenes, Total		1.2		0.040	ppb v/v	TO15 LL
Xylenes, Total		5.2		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-4	**IA-031512-CM-32**					
Dichlorodifluoromethane		0.46		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.3		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.67		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		3.8		0.22	ug/m3	TO15 LL
n-Hexane		0.30		0.080	ppb v/v	TO15 LL
n-Hexane		1.1		0.28	ug/m3	TO15 LL
Cyclohexane		0.091		0.040	ppb v/v	TO15 LL
Cyclohexane		0.31		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.057		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.36		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.042		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.19		0.19	ug/m3	TO15 LL
Benzene		0.42		0.040	ppb v/v	TO15 LL
Benzene		1.3		0.13	ug/m3	TO15 LL
n-Heptane		0.15		0.040	ppb v/v	TO15 LL
n-Heptane		0.61		0.16	ug/m3	TO15 LL
Trichloroethene		0.40		0.040	ppb v/v	TO15 LL
Trichloroethene		2.2		0.21	ug/m3	TO15 LL
Toluene		1.6		0.040	ppb v/v	TO15 LL
Toluene		6.1		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.089		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.61		0.27	ug/m3	TO15 LL
Ethylbenzene		0.39		0.040	ppb v/v	TO15 LL
Ethylbenzene		1.7		0.17	ug/m3	TO15 LL
o-Xylene		0.53		0.040	ppb v/v	TO15 LL
o-Xylene		2.3		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.087		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.43		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.10		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		0.50		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.6		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		7.1		0.17	ug/m3	TO15 LL
Xylenes, Total		2.2		0.040	ppb v/v	TO15 LL
Xylenes, Total		9.4		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-5	**IA-031512-CM-33**					
Dichlorodifluoromethane		0.46		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.3		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.58		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		3.3		0.22	ug/m3	TO15 LL
Methylene Chloride		0.56		0.40	ppb v/v	TO15 LL
Methylene Chloride		1.9		1.4	ug/m3	TO15 LL
n-Hexane		1.2		0.080	ppb v/v	TO15 LL
n-Hexane		4.3		0.28	ug/m3	TO15 LL
cis-1,2-Dichloroethene		0.045		0.040	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.18		0.16	ug/m3	TO15 LL
Cyclohexane		0.34		0.040	ppb v/v	TO15 LL
Cyclohexane		1.2		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.065		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.41		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.32		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		1.5		0.19	ug/m3	TO15 LL
Benzene		0.77		0.040	ppb v/v	TO15 LL
Benzene		2.5		0.13	ug/m3	TO15 LL
n-Heptane		0.40		0.040	ppb v/v	TO15 LL
n-Heptane		1.7		0.16	ug/m3	TO15 LL
Trichloroethene		0.17		0.040	ppb v/v	TO15 LL
Trichloroethene		0.89		0.21	ug/m3	TO15 LL
Toluene		2.6		0.040	ppb v/v	TO15 LL
Toluene		9.9		0.15	ug/m3	TO15 LL
Ethylbenzene		0.83		0.040	ppb v/v	TO15 LL
Ethylbenzene		3.6		0.17	ug/m3	TO15 LL
o-Xylene		1.2		0.040	ppb v/v	TO15 LL
o-Xylene		5.4		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.17		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.84		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.20		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		0.99		0.39	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.045		0.040	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.18		0.16	ug/m3	TO15 LL
m-Xylene & p-Xylene		3.5		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		15		0.17	ug/m3	TO15 LL
Xylenes, Total		4.8		0.040	ppb v/v	TO15 LL
Xylenes, Total		21		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-6	**IA-031512-CM-34**					
Dichlorodifluoromethane		0.49		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.4		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.52		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		2.9		0.22	ug/m3	TO15 LL
Methylene Chloride		1.2		0.40	ppb v/v	TO15 LL
Methylene Chloride		4.3		1.4	ug/m3	TO15 LL
n-Hexane		1.7		0.080	ppb v/v	TO15 LL
n-Hexane		5.9		0.28	ug/m3	TO15 LL
cis-1,2-Dichloroethene		0.041		0.040	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.16		0.16	ug/m3	TO15 LL
Cyclohexane		0.48		0.040	ppb v/v	TO15 LL
Cyclohexane		1.7		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.067		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.42		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.31		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		1.4		0.19	ug/m3	TO15 LL
Benzene		0.70		0.040	ppb v/v	TO15 LL
Benzene		2.2		0.13	ug/m3	TO15 LL
n-Heptane		0.42		0.040	ppb v/v	TO15 LL
n-Heptane		1.7		0.16	ug/m3	TO15 LL
Trichloroethene		0.11		0.040	ppb v/v	TO15 LL
Trichloroethene		0.57		0.21	ug/m3	TO15 LL
Toluene		2.5		0.040	ppb v/v	TO15 LL
Toluene		9.5		0.15	ug/m3	TO15 LL
Ethylbenzene		1.2		0.040	ppb v/v	TO15 LL
Ethylbenzene		5.3		0.17	ug/m3	TO15 LL
o-Xylene		2.0		0.040	ppb v/v	TO15 LL
o-Xylene		8.8		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.30		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		1.5		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.23		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		1.1		0.39	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.041		0.040	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.16		0.16	ug/m3	TO15 LL
m-Xylene & p-Xylene		5.6		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		24		0.17	ug/m3	TO15 LL
Xylenes, Total		7.6		0.040	ppb v/v	TO15 LL
Xylenes, Total		33		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-7	**IA-031512-CM-35**					
Dichlorodifluoromethane		0.40		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.0		0.20	ug/m3	TO15 LL
1,3-Butadiene		0.14		0.080	ppb v/v	TO15 LL
1,3-Butadiene		0.30		0.18	ug/m3	TO15 LL
Trichlorofluoromethane		0.40		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		2.2		0.22	ug/m3	TO15 LL
Methylene Chloride		0.47		0.40	ppb v/v	TO15 LL
Methylene Chloride		1.6		1.4	ug/m3	TO15 LL
n-Hexane		0.42		0.080	ppb v/v	TO15 LL
n-Hexane		1.5		0.28	ug/m3	TO15 LL
Chloroform		0.082		0.040	ppb v/v	TO15 LL
Chloroform		0.40		0.20	ug/m3	TO15 LL
Cyclohexane		0.12		0.040	ppb v/v	TO15 LL
Cyclohexane		0.42		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.067		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.42		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.063		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.29		0.19	ug/m3	TO15 LL
Benzene		0.74		0.040	ppb v/v	TO15 LL
Benzene		2.4		0.13	ug/m3	TO15 LL
n-Heptane		0.31		0.040	ppb v/v	TO15 LL
n-Heptane		1.3		0.16	ug/m3	TO15 LL
Trichloroethene		0.16		0.040	ppb v/v	TO15 LL
Trichloroethene		0.84		0.21	ug/m3	TO15 LL
Toluene		1.9		0.040	ppb v/v	TO15 LL
Toluene		7.1		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.097		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.66		0.27	ug/m3	TO15 LL
Ethylbenzene		0.68		0.040	ppb v/v	TO15 LL
Ethylbenzene		3.0		0.17	ug/m3	TO15 LL
o-Xylene		1.1		0.040	ppb v/v	TO15 LL
o-Xylene		4.7		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.24		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		1.2		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.29		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		1.4		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		3.4		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		15		0.17	ug/m3	TO15 LL
Xylenes, Total		4.4		0.040	ppb v/v	TO15 LL
Xylenes, Total		19		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-8	**IA-031512-CM-36-DUP**					
Dichlorodifluoromethane		0.43		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.1		0.20	ug/m3	TO15 LL
1,3-Butadiene		0.14		0.080	ppb v/v	TO15 LL
1,3-Butadiene		0.31		0.18	ug/m3	TO15 LL
Trichlorofluoromethane		0.41		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		2.3		0.22	ug/m3	TO15 LL
Methylene Chloride		0.48		0.40	ppb v/v	TO15 LL
Methylene Chloride		1.7		1.4	ug/m3	TO15 LL
n-Hexane		0.39		0.080	ppb v/v	TO15 LL
n-Hexane		1.4		0.28	ug/m3	TO15 LL
Chloroform		0.085		0.040	ppb v/v	TO15 LL
Chloroform		0.41		0.20	ug/m3	TO15 LL
Cyclohexane		0.12		0.040	ppb v/v	TO15 LL
Cyclohexane		0.41		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.069		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.43		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.062		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.29		0.19	ug/m3	TO15 LL
Benzene		0.76		0.040	ppb v/v	TO15 LL
Benzene		2.4		0.13	ug/m3	TO15 LL
n-Heptane		0.31		0.040	ppb v/v	TO15 LL
n-Heptane		1.3		0.16	ug/m3	TO15 LL
Trichloroethene		0.16		0.040	ppb v/v	TO15 LL
Trichloroethene		0.85		0.21	ug/m3	TO15 LL
Toluene		1.9		0.040	ppb v/v	TO15 LL
Toluene		7.2		0.15	ug/m3	TO15 LL
Tetrachloroethene		0.11		0.040	ppb v/v	TO15 LL
Tetrachloroethene		0.73		0.27	ug/m3	TO15 LL
Ethylbenzene		0.78		0.040	ppb v/v	TO15 LL
Ethylbenzene		3.4		0.17	ug/m3	TO15 LL
o-Xylene		1.2		0.040	ppb v/v	TO15 LL
o-Xylene		5.1		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.21		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		1.0		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.29		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		1.4		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		3.6		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		16		0.17	ug/m3	TO15 LL
Xylenes, Total		4.8		0.040	ppb v/v	TO15 LL
Xylenes, Total		21		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-9	**IA-031512-CM-37**					
Dichlorodifluoromethane		0.41		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.0		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.27		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.5		0.22	ug/m3	TO15 LL
Methylene Chloride		2.1		0.40	ppb v/v	TO15 LL
Methylene Chloride		7.3		1.4	ug/m3	TO15 LL
n-Hexane		0.60		0.080	ppb v/v	TO15 LL
n-Hexane		2.1		0.28	ug/m3	TO15 LL
Cyclohexane		0.25		0.040	ppb v/v	TO15 LL
Cyclohexane		0.87		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.055		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.35		0.25	ug/m3	TO15 LL
2,2,4-Trimethylpentane		0.097		0.040	ppb v/v	TO15 LL
2,2,4-Trimethylpentane		0.45		0.19	ug/m3	TO15 LL
Benzene		0.28		0.040	ppb v/v	TO15 LL
Benzene		0.91		0.13	ug/m3	TO15 LL
n-Heptane		0.21		0.040	ppb v/v	TO15 LL
n-Heptane		0.86		0.16	ug/m3	TO15 LL
Trichloroethene		0.083		0.040	ppb v/v	TO15 LL
Trichloroethene		0.45		0.21	ug/m3	TO15 LL
Toluene		1.5		0.040	ppb v/v	TO15 LL
Toluene		5.5		0.15	ug/m3	TO15 LL
Ethylbenzene		0.62		0.040	ppb v/v	TO15 LL
Ethylbenzene		2.7		0.17	ug/m3	TO15 LL
o-Xylene		1.0		0.040	ppb v/v	TO15 LL
o-Xylene		4.3		0.17	ug/m3	TO15 LL
4-Ethyltoluene		0.12		0.040	ppb v/v	TO15 LL
4-Ethyltoluene		0.59		0.20	ug/m3	TO15 LL
1,3,5-Trimethylbenzene		0.092		0.080	ppb v/v	TO15 LL
1,3,5-Trimethylbenzene		0.45		0.39	ug/m3	TO15 LL
m-Xylene & p-Xylene		2.8		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		12		0.17	ug/m3	TO15 LL
Xylenes, Total		3.8		0.040	ppb v/v	TO15 LL
Xylenes, Total		16		0.17	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-9901-10	**AA-031512-CM-38**					
Dichlorodifluoromethane		0.44		0.040	ppb v/v	TO15 LL
Dichlorodifluoromethane		2.2		0.20	ug/m3	TO15 LL
Trichlorofluoromethane		0.18		0.040	ppb v/v	TO15 LL
Trichlorofluoromethane		1.0		0.22	ug/m3	TO15 LL
n-Hexane		0.13		0.080	ppb v/v	TO15 LL
n-Hexane		0.45		0.28	ug/m3	TO15 LL
Cyclohexane		0.049		0.040	ppb v/v	TO15 LL
Cyclohexane		0.17		0.14	ug/m3	TO15 LL
Carbon tetrachloride		0.067		0.040	ppb v/v	TO15 LL
Carbon tetrachloride		0.42		0.25	ug/m3	TO15 LL
Benzene		0.16		0.040	ppb v/v	TO15 LL
Benzene		0.50		0.13	ug/m3	TO15 LL
n-Heptane		0.085		0.040	ppb v/v	TO15 LL
n-Heptane		0.35		0.16	ug/m3	TO15 LL
Toluene		0.14		0.040	ppb v/v	TO15 LL
Toluene		0.54		0.15	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.075		0.040	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.33		0.17	ug/m3	TO15 LL
Xylenes, Total		0.11		0.040	ppb v/v	TO15 LL
Xylenes, Total		0.47		0.17	ug/m3	TO15 LL

METHOD SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	TAL BUR	EPA TO15 LL	
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: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Method	Analyst	Analyst ID
EPA TO15 LL	Desjardins, William R	WRD

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-29**

Lab Sample ID: 200-9901-1
Client Matrix: Air

Date Sampled: 03/15/2012 1244
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag15.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0048			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0048			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.41		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.20		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.78		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.21		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.062		0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.053		0.040
Carbon tetrachloride	0.058		0.040
2,2,4-Trimethylpentane	0.053		0.040
Benzene	0.57		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.093		0.040
Trichloroethene	0.040	U	0.040
1,2-Dichloropropane	0.11		0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	0.72		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.13		0.040
o-Xylene	0.15		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.040	U	0.040
1,3,5-Trimethylbenzene	0.080	U	0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.43		0.040
Xylenes, Total	0.59		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.0		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-29**

Lab Sample ID: 200-9901-1
Client Matrix: Air

Date Sampled: 03/15/2012 1244
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag15.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0048			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0048			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.1		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	2.7		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	0.75		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.30		0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.18		0.14
Carbon tetrachloride	0.36		0.25
2,2,4-Trimethylpentane	0.25		0.19
Benzene	1.8		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.38		0.16
Trichloroethene	0.21	U	0.21
1,2-Dichloropropane	0.49		0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	2.7		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.55		0.17
o-Xylene	0.66		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.39	U	0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	1.9		0.17
Xylenes, Total	2.5		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-30**

Lab Sample ID: 200-9901-2
Client Matrix: Air

Date Sampled: 03/15/2012 1424
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag16.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0142			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0142			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.46		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.30		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.25		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.047		0.040
Carbon tetrachloride	0.067		0.040
2,2,4-Trimethylpentane	0.040	U	0.040
Benzene	0.29		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.13		0.040
Trichloroethene	0.44		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	2.2		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.91		0.040
o-Xylene	1.9		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.11		0.040
1,3,5-Trimethylbenzene	0.22		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	4.2		0.040
Xylenes, Total	6.1		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.3		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-30**

Lab Sample ID: 200-9901-2
Client Matrix: Air

Date Sampled: 03/15/2012 1424
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag16.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0142			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0142			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.7		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	0.88		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.16		0.14
Carbon tetrachloride	0.42		0.25
2,2,4-Trimethylpentane	0.19	U	0.19
Benzene	0.93		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.53		0.16
Trichloroethene	2.4		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	8.2		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	4.0		0.17
o-Xylene	8.4		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.55		0.20
1,3,5-Trimethylbenzene	1.1		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	18		0.17
Xylenes, Total	26		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-31**

Lab Sample ID: 200-9901-3
Client Matrix: Air

Date Sampled: 03/15/2012 1440
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag17.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0236			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0236			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.50		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.72		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.60		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.15		0.040
Carbon tetrachloride	0.068		0.040
2,2,4-Trimethylpentane	0.13		0.040
Benzene	0.33		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.22		0.040
Trichloroethene	0.17		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.7		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.23		0.040
o-Xylene	0.31		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.085		0.040
1,3,5-Trimethylbenzene	0.080	U	0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.88		0.040
Xylenes, Total	1.2		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.5		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-31**

Lab Sample ID: 200-9901-3
Client Matrix: Air

Date Sampled: 03/15/2012 1440
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag17.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0236			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0236			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	4.0		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	2.1		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.51		0.14
Carbon tetrachloride	0.43		0.25
2,2,4-Trimethylpentane	0.62		0.19
Benzene	1.0		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.92		0.16
Trichloroethene	0.90		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	6.3		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	1.0		0.17
o-Xylene	1.3		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.42		0.20
1,3,5-Trimethylbenzene	0.39	U	0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	3.8		0.17
Xylenes, Total	5.2		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-32**

Lab Sample ID: 200-9901-4
Client Matrix: Air

Date Sampled: 03/15/2012 1456
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag18.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0329			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0329			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.46		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.67		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.30		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.091		0.040
Carbon tetrachloride	0.057		0.040
2,2,4-Trimethylpentane	0.042		0.040
Benzene	0.42		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.15		0.040
Trichloroethene	0.40		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.6		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.089		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.39		0.040
o-Xylene	0.53		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.087		0.040
1,3,5-Trimethylbenzene	0.10		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	1.6		0.040
Xylenes, Total	2.2		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.3		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-32**

Lab Sample ID: 200-9901-4
Client Matrix: Air

Date Sampled: 03/15/2012 1456
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag18.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0329			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0329			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	3.8		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	1.1		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.31		0.14
Carbon tetrachloride	0.36		0.25
2,2,4-Trimethylpentane	0.19		0.19
Benzene	1.3		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.61		0.16
Trichloroethene	2.2		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	6.1		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.61		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	1.7		0.17
o-Xylene	2.3		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.43		0.20
1,3,5-Trimethylbenzene	0.50		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	7.1		0.17
Xylenes, Total	9.4		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-33**

Lab Sample ID: 200-9901-5
Client Matrix: Air

Date Sampled: 03/15/2012 1511
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag19.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0422			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0422			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.46		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.58		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.56		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	1.2		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.045		0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.34		0.040
Carbon tetrachloride	0.065		0.040
2,2,4-Trimethylpentane	0.32		0.040
Benzene	0.77		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.40		0.040
Trichloroethene	0.17		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	2.6		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.83		0.040
o-Xylene	1.2		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.17		0.040
1,3,5-Trimethylbenzene	0.20		0.080
1,2-Dichloroethene, Total	0.045		0.040
m-Xylene & p-Xylene	3.5		0.040
Xylenes, Total	4.8		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.3		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-33**

Lab Sample ID: 200-9901-5
Client Matrix: Air

Date Sampled: 03/15/2012 1511
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag19.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0422			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0422			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	3.3		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.9		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	4.3		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.18		0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	1.2		0.14
Carbon tetrachloride	0.41		0.25
2,2,4-Trimethylpentane	1.5		0.19
Benzene	2.5		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.7		0.16
Trichloroethene	0.89		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	9.9		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	3.6		0.17
o-Xylene	5.4		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.84		0.20
1,3,5-Trimethylbenzene	0.99		0.39
1,2-Dichloroethene, Total	0.18		0.16
m-Xylene & p-Xylene	15		0.17
Xylenes, Total	21		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-34**

Lab Sample ID: 200-9901-6
Client Matrix: Air

Date Sampled: 03/15/2012 1516
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag20.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0516			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0516			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.49		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.52		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	1.2		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	1.7		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.041		0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.48		0.040
Carbon tetrachloride	0.067		0.040
2,2,4-Trimethylpentane	0.31		0.040
Benzene	0.70		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.42		0.040
Trichloroethene	0.11		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	2.5		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	1.2		0.040
o-Xylene	2.0		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.30		0.040
1,3,5-Trimethylbenzene	0.23		0.080
1,2-Dichloroethene, Total	0.041		0.040
m-Xylene & p-Xylene	5.6		0.040
Xylenes, Total	7.6		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.4		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-34**

Lab Sample ID: 200-9901-6
Client Matrix: Air

Date Sampled: 03/15/2012 1516
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag20.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0516			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0516			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	2.9		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	4.3		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	5.9		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16		0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	1.7		0.14
Carbon tetrachloride	0.42		0.25
2,2,4-Trimethylpentane	1.4		0.19
Benzene	2.2		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.7		0.16
Trichloroethene	0.57		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	9.5		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	5.3		0.17
o-Xylene	8.8		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	1.5		0.20
1,3,5-Trimethylbenzene	1.1		0.39
1,2-Dichloroethene, Total	0.16		0.16
m-Xylene & p-Xylene	24		0.17
Xylenes, Total	33		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-35**

Lab Sample ID: 200-9901-7
Client Matrix: Air

Date Sampled: 03/15/2012 1537
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag21.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0610			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0610			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.40		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.14		0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.40		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.47		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.42		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.082		0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.12		0.040
Carbon tetrachloride	0.067		0.040
2,2,4-Trimethylpentane	0.063		0.040
Benzene	0.74		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.31		0.040
Trichloroethene	0.16		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.9		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.097		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.68		0.040
o-Xylene	1.1		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.24		0.040
1,3,5-Trimethylbenzene	0.29		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	3.4		0.040
Xylenes, Total	4.4		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.0		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-35**

Lab Sample ID: 200-9901-7
Client Matrix: Air

Date Sampled: 03/15/2012 1537
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag21.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0610			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0610			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.30		0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	2.2		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.6		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	1.5		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.40		0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.42		0.14
Carbon tetrachloride	0.42		0.25
2,2,4-Trimethylpentane	0.29		0.19
Benzene	2.4		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.3		0.16
Trichloroethene	0.84		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	7.1		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.66		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	3.0		0.17
o-Xylene	4.7		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	1.2		0.20
1,3,5-Trimethylbenzene	1.4		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	15		0.17
Xylenes, Total	19		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-36-DUP**

Lab Sample ID: 200-9901-8
Client Matrix: Air

Date Sampled: 03/15/2012 1536
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag22.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0704			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0704			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.43		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.14		0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.41		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.48		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.39		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.085		0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.12		0.040
Carbon tetrachloride	0.069		0.040
2,2,4-Trimethylpentane	0.062		0.040
Benzene	0.76		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.31		0.040
Trichloroethene	0.16		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.9		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.11		0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.78		0.040
o-Xylene	1.2		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.21		0.040
1,3,5-Trimethylbenzene	0.29		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	3.6		0.040
Xylenes, Total	4.8		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.1		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-36-DUP**

Lab Sample ID: 200-9901-8
Client Matrix: Air

Date Sampled: 03/15/2012 1536
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag22.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0704			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0704			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.31		0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	2.3		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.7		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	1.4		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.41		0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.41		0.14
Carbon tetrachloride	0.43		0.25
2,2,4-Trimethylpentane	0.29		0.19
Benzene	2.4		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	1.3		0.16
Trichloroethene	0.85		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	7.2		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.73		0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	3.4		0.17
o-Xylene	5.1		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	1.0		0.20
1,3,5-Trimethylbenzene	1.4		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	16		0.17
Xylenes, Total	21		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-37**

Lab Sample ID: 200-9901-9
Client Matrix: Air

Date Sampled: 03/15/2012 1548
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag23.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0758			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0758			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.41		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.27		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	2.1		0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.60		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.25		0.040
Carbon tetrachloride	0.055		0.040
2,2,4-Trimethylpentane	0.097		0.040
Benzene	0.28		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.21		0.040
Trichloroethene	0.083		0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	1.5		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.62		0.040
o-Xylene	1.0		0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.12		0.040
1,3,5-Trimethylbenzene	0.092		0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	2.8		0.040
Xylenes, Total	3.8		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.0		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **IA-031512-CM-37**

Lab Sample ID: 200-9901-9
Client Matrix: Air

Date Sampled: 03/15/2012 1548
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag23.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0758			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0758			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.5		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	7.3		1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	2.1		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.87		0.14
Carbon tetrachloride	0.35		0.25
2,2,4-Trimethylpentane	0.45		0.19
Benzene	0.91		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.86		0.16
Trichloroethene	0.45		0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	5.5		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	2.7		0.17
o-Xylene	4.3		0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.59		0.20
1,3,5-Trimethylbenzene	0.45		0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	12		0.17
Xylenes, Total	16		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **AA-031512-CM-38**

Lab Sample ID: 200-9901-10
Client Matrix: Air

Date Sampled: 03/15/2012 1525
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag24.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0853			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0853			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	RL
Dichlorodifluoromethane	0.44		0.040
1,2-Dichlorotetrafluoroethane	0.040	U	0.040
Vinyl chloride	0.080	U	0.080
1,3-Butadiene	0.080	U	0.080
Bromomethane	0.080	U	0.080
Chloroethane	0.080	U	0.080
Bromoethene(Vinyl Bromide)	0.080	U	0.080
Trichlorofluoromethane	0.18		0.040
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.080	U	0.080
Methylene Chloride	0.40	U	0.40
Methyl tert-butyl ether	0.040	U	0.040
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.13		0.080
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.040	U	0.040
1,1,1-Trichloroethane	0.040	U	0.040
Cyclohexane	0.049		0.040
Carbon tetrachloride	0.067		0.040
2,2,4-Trimethylpentane	0.040	U	0.040
Benzene	0.16		0.040
1,2-Dichloroethane	0.080	U	0.080
n-Heptane	0.085		0.040
Trichloroethene	0.040	U	0.040
1,2-Dichloropropane	0.080	U	0.080
Bromodichloromethane	0.040	U	0.040
cis-1,3-Dichloropropene	0.040	U	0.040
Toluene	0.14		0.040
trans-1,3-Dichloropropene	0.040	U	0.040
1,1,2-Trichloroethane	0.040	U	0.040
Tetrachloroethene	0.040	U	0.040
Dibromochloromethane	0.040	U	0.040
1,2-Dibromoethane	0.040	U	0.040
Ethylbenzene	0.040	U	0.040
o-Xylene	0.040	U	0.040
Bromoform	0.040	U	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040
4-Ethyltoluene	0.040	U	0.040
1,3,5-Trimethylbenzene	0.080	U	0.080
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.075		0.040
Xylenes, Total	0.11		0.040

Analyte	Result (ug/m3)	Qualifier	RL
Dichlorodifluoromethane	2.2		0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Client Sample ID: **AA-031512-CM-38**

Lab Sample ID: 200-9901-10
Client Matrix: Air

Date Sampled: 03/15/2012 1525
Date Received: 03/19/2012 0945

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-35718	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eerag24.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	03/27/2012 0853			Final Weight/Volume:	500 mL
Prep Date:	03/27/2012 0853			Injection Volume:	500 mL

Analyte	Result (ug/m3)	Qualifier	RL
1,2-Dichlorotetrafluoroethane	0.28	U	0.28
Vinyl chloride	0.20	U	0.20
1,3-Butadiene	0.18	U	0.18
Bromomethane	0.31	U	0.31
Chloroethane	0.21	U	0.21
Bromoethene(Vinyl Bromide)	0.35	U	0.35
Trichlorofluoromethane	1.0		0.22
1,1-Dichloroethene	0.16	U	0.16
3-Chloropropene	0.25	U	0.25
Methylene Chloride	1.4	U	1.4
Methyl tert-butyl ether	0.14	U	0.14
trans-1,2-Dichloroethene	0.16	U	0.16
n-Hexane	0.45		0.28
1,1-Dichloroethane	0.16	U	0.16
cis-1,2-Dichloroethene	0.16	U	0.16
Chloroform	0.20	U	0.20
1,1,1-Trichloroethane	0.22	U	0.22
Cyclohexane	0.17		0.14
Carbon tetrachloride	0.42		0.25
2,2,4-Trimethylpentane	0.19	U	0.19
Benzene	0.50		0.13
1,2-Dichloroethane	0.32	U	0.32
n-Heptane	0.35		0.16
Trichloroethene	0.21	U	0.21
1,2-Dichloropropane	0.37	U	0.37
Bromodichloromethane	0.27	U	0.27
cis-1,3-Dichloropropene	0.18	U	0.18
Toluene	0.54		0.15
trans-1,3-Dichloropropene	0.18	U	0.18
1,1,2-Trichloroethane	0.22	U	0.22
Tetrachloroethene	0.27	U	0.27
Dibromochloromethane	0.34	U	0.34
1,2-Dibromoethane	0.31	U	0.31
Ethylbenzene	0.17	U	0.17
o-Xylene	0.17	U	0.17
Bromoform	0.41	U	0.41
1,1,2,2-Tetrachloroethane	0.27	U	0.27
4-Ethyltoluene	0.20	U	0.20
1,3,5-Trimethylbenzene	0.39	U	0.39
1,2-Dichloroethene, Total	0.16	U	0.16
m-Xylene & p-Xylene	0.33		0.17
Xylenes, Total	0.47		0.17

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Method Blank - Batch: 200-35718

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	MB 200-35718/4	Analysis Batch:	200-35718	Instrument ID:	E.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	eerag04.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	03/26/2012 1451	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	03/26/2012 1451			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.010	U	0.010
1,2-Dichlorotetrafluoroethane	0.010	U	0.010
Vinyl chloride	0.020	U	0.020
1,3-Butadiene	0.020	U	0.020
Bromomethane	0.020	U	0.020
Chloroethane	0.020	U	0.020
Bromoethene(Vinyl Bromide)	0.020	U	0.020
Trichlorofluoromethane	0.010	U	0.010
1,1-Dichloroethene	0.010	U	0.010
3-Chloropropene	0.020	U	0.020
Methylene Chloride	0.10	U	0.10
Methyl tert-butyl ether	0.010	U	0.010
trans-1,2-Dichloroethene	0.010	U	0.010
n-Hexane	0.020	U	0.020
1,1-Dichloroethane	0.010	U	0.010
cis-1,2-Dichloroethene	0.010	U	0.010
Chloroform	0.010	U	0.010
1,1,1-Trichloroethane	0.010	U	0.010
Cyclohexane	0.010	U	0.010
Carbon tetrachloride	0.010	U	0.010
2,2,4-Trimethylpentane	0.010	U	0.010
Benzene	0.010	U	0.010
1,2-Dichloroethane	0.020	U	0.020
n-Heptane	0.010	U	0.010
Trichloroethene	0.010	U	0.010
1,2-Dichloropropane	0.020	U	0.020
Bromodichloromethane	0.010	U	0.010
cis-1,3-Dichloropropene	0.010	U	0.010
Toluene	0.010	U	0.010
trans-1,3-Dichloropropene	0.010	U	0.010
1,1,2-Trichloroethane	0.010	U	0.010
Tetrachloroethene	0.010	U	0.010
Dibromochloromethane	0.010	U	0.010
1,2-Dibromoethane	0.010	U	0.010
Ethylbenzene	0.010	U	0.010
o-Xylene	0.010	U	0.010
Bromoform	0.010	U	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010
4-Ethyltoluene	0.010	U	0.010
1,3,5-Trimethylbenzene	0.020	U	0.020
1,2-Dichloroethene, Total	0.010	U	0.010
m-Xylene & p-Xylene	0.010	U	0.010
Xylenes, Total	0.010	U	0.010

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Method Blank - Batch: 200-35718

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	MB 200-35718/4	Analysis Batch:	200-35718	Instrument ID:	E.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	eerag04.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	03/26/2012 1451	Units:	ug/m3	Final Weight/Volume:	500 mL
Prep Date:	03/26/2012 1451			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL
Dichlorodifluoromethane	0.049	U	0.049
1,2-Dichlorotetrafluoroethane	0.070	U	0.070
Vinyl chloride	0.051	U	0.051
1,3-Butadiene	0.044	U	0.044
Bromomethane	0.078	U	0.078
Chloroethane	0.053	U	0.053
Bromoethene(Vinyl Bromide)	0.087	U	0.087
Trichlorofluoromethane	0.056	U	0.056
1,1-Dichloroethene	0.040	U	0.040
3-Chloropropene	0.063	U	0.063
Methylene Chloride	0.35	U	0.35
Methyl tert-butyl ether	0.036	U	0.036
trans-1,2-Dichloroethene	0.040	U	0.040
n-Hexane	0.070	U	0.070
1,1-Dichloroethane	0.040	U	0.040
cis-1,2-Dichloroethene	0.040	U	0.040
Chloroform	0.049	U	0.049
1,1,1-Trichloroethane	0.055	U	0.055
Cyclohexane	0.034	U	0.034
Carbon tetrachloride	0.063	U	0.063
2,2,4-Trimethylpentane	0.047	U	0.047
Benzene	0.032	U	0.032
1,2-Dichloroethane	0.081	U	0.081
n-Heptane	0.041	U	0.041
Trichloroethene	0.054	U	0.054
1,2-Dichloropropane	0.092	U	0.092
Bromodichloromethane	0.067	U	0.067
cis-1,3-Dichloropropene	0.045	U	0.045
Toluene	0.038	U	0.038
trans-1,3-Dichloropropene	0.045	U	0.045
1,1,2-Trichloroethane	0.055	U	0.055
Tetrachloroethene	0.068	U	0.068
Dibromochloromethane	0.085	U	0.085
1,2-Dibromoethane	0.077	U	0.077
Ethylbenzene	0.043	U	0.043
o-Xylene	0.043	U	0.043
Bromoform	0.10	U	0.10
1,1,2,2-Tetrachloroethane	0.069	U	0.069
4-Ethyltoluene	0.049	U	0.049
1,3,5-Trimethylbenzene	0.098	U	0.098
1,2-Dichloroethene, Total	0.040	U	0.040
m-Xylene & p-Xylene	0.043	U	0.043
Xylenes, Total	0.043	U	0.043

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Control Sample - Batch: 200-35718

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	LCS 200-35718/3	Analysis Batch:	200-35718	Instrument ID:	E.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	eerag03.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	03/26/2012 1357	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	03/26/2012 1357			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	0.200	0.187	94	70 - 130	
1,2-Dichlorotetrafluoroethane	0.200	0.168	84	70 - 130	
Vinyl chloride	0.200	0.153	77	70 - 130	
1,3-Butadiene	0.200	0.143	72	70 - 130	
Bromomethane	0.200	0.160	80	70 - 130	
Chloroethane	0.200	0.155	78	70 - 130	
Bromoethene(Vinyl Bromide)	0.200	0.167	84	70 - 130	
Trichlorofluoromethane	0.200	0.173	87	70 - 130	
1,1-Dichloroethene	0.200	0.183	92	70 - 130	
3-Chloropropene	0.200	0.154	77	70 - 130	
Methylene Chloride	0.200	0.191	96	70 - 130	
Methyl tert-butyl ether	0.200	0.183	92	70 - 130	
trans-1,2-Dichloroethene	0.200	0.162	81	70 - 130	
n-Hexane	0.200	0.163	82	70 - 130	
1,1-Dichloroethane	0.200	0.151	76	70 - 130	
cis-1,2-Dichloroethene	0.200	0.169	85	70 - 130	
Chloroform	0.200	0.168	84	70 - 130	
1,1,1-Trichloroethane	0.200	0.177	89	70 - 130	
Cyclohexane	0.200	0.181	91	70 - 130	
Carbon tetrachloride	0.200	0.176	88	70 - 130	
2,2,4-Trimethylpentane	0.200	0.162	81	70 - 130	
Benzene	0.200	0.159	80	70 - 130	
1,2-Dichloroethane	0.200	0.171	86	70 - 130	
n-Heptane	0.200	0.155	78	70 - 130	
Trichloroethene	0.200	0.170	85	70 - 130	
1,2-Dichloropropane	0.200	0.172	86	70 - 130	
Bromodichloromethane	0.200	0.184	92	70 - 130	
cis-1,3-Dichloropropene	0.200	0.159	80	70 - 130	
Toluene	0.200	0.172	86	70 - 130	
trans-1,3-Dichloropropene	0.200	0.155	78	70 - 130	
1,1,2-Trichloroethane	0.200	0.166	83	70 - 130	
Tetrachloroethene	0.200	0.170	85	70 - 130	
Dibromochloromethane	0.200	0.191	96	70 - 130	
1,2-Dibromoethane	0.200	0.171	86	70 - 130	
Ethylbenzene	0.200	0.180	90	70 - 130	
o-Xylene	0.200	0.192	96	70 - 130	
Bromoform	0.200	0.196	98	70 - 130	
1,1,2,2-Tetrachloroethane	0.200	0.187	94	70 - 130	
4-Ethyltoluene	0.200	0.199	100	70 - 130	
1,3,5-Trimethylbenzene	0.200	0.183	92	70 - 130	
m-Xylene & p-Xylene	0.399	0.387	97	70 - 130	

DATA REPORTING QUALIFIERS

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
Sdg Number: 200-9901-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-35718					
LCS 200-35718/3	Lab Control Sample	T	Air	TO15 LL	
MB 200-35718/4	Method Blank	T	Air	TO15 LL	
200-9901-1	IA-031512-CM-29	T	Air	TO15 LL	
200-9901-2	IA-031512-CM-30	T	Air	TO15 LL	
200-9901-3	IA-031512-CM-31	T	Air	TO15 LL	
200-9901-4	IA-031512-CM-32	T	Air	TO15 LL	
200-9901-5	IA-031512-CM-33	T	Air	TO15 LL	
200-9901-6	IA-031512-CM-34	T	Air	TO15 LL	
200-9901-7	IA-031512-CM-35	T	Air	TO15 LL	
200-9901-8	IA-031512-CM-36-DUP	T	Air	TO15 LL	
200-9901-9	IA-031512-CM-37	T	Air	TO15 LL	
200-9901-10	AA-031512-CM-38	T	Air	TO15 LL	

Report Basis
T = Total

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
SDG: 200-9901-1

Laboratory Chronicle

Lab ID: 200-9901-1 **Client ID:** IA-031512-CM-29

Sample Date/Time: 03/15/2012 12:44 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-1		200-35718		03/27/2012 00:48	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-1		200-35718		03/27/2012 00:48	4	TAL BUR	WRD

Lab ID: 200-9901-2 **Client ID:** IA-031512-CM-30

Sample Date/Time: 03/15/2012 14:24 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-2		200-35718		03/27/2012 01:42	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-2		200-35718		03/27/2012 01:42	4	TAL BUR	WRD

Lab ID: 200-9901-3 **Client ID:** IA-031512-CM-31

Sample Date/Time: 03/15/2012 14:40 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-3		200-35718		03/27/2012 02:36	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-3		200-35718		03/27/2012 02:36	4	TAL BUR	WRD

Lab ID: 200-9901-4 **Client ID:** IA-031512-CM-32

Sample Date/Time: 03/15/2012 14:56 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-4		200-35718		03/27/2012 03:29	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-4		200-35718		03/27/2012 03:29	4	TAL BUR	WRD

Lab ID: 200-9901-5 **Client ID:** IA-031512-CM-33

Sample Date/Time: 03/15/2012 15:11 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-5		200-35718		03/27/2012 04:22	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-5		200-35718		03/27/2012 04:22	4	TAL BUR	WRD

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
SDG: 200-9901-1

Laboratory Chronicle

Lab ID: 200-9901-6 **Client ID:** IA-031512-CM-34

Sample Date/Time: 03/15/2012 15:16 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-6		200-35718		03/27/2012 05:16	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-6		200-35718		03/27/2012 05:16	4	TAL BUR	WRD

Lab ID: 200-9901-7 **Client ID:** IA-031512-CM-35

Sample Date/Time: 03/15/2012 15:37 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-7		200-35718		03/27/2012 06:10	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-7		200-35718		03/27/2012 06:10	4	TAL BUR	WRD

Lab ID: 200-9901-8 **Client ID:** IA-031512-CM-36-DUP

Sample Date/Time: 03/15/2012 15:36 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-8		200-35718		03/27/2012 07:04	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-8		200-35718		03/27/2012 07:04	4	TAL BUR	WRD

Lab ID: 200-9901-9 **Client ID:** IA-031512-CM-37

Sample Date/Time: 03/15/2012 15:48 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-9		200-35718		03/27/2012 07:58	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-9		200-35718		03/27/2012 07:58	4	TAL BUR	WRD

Lab ID: 200-9901-10 **Client ID:** AA-031512-CM-38

Sample Date/Time: 03/15/2012 15:25 Received Date/Time: 03/19/2012 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-9901-A-10		200-35718		03/27/2012 08:53	4	TAL BUR	WRD
A:TO15 LL	200-9901-A-10		200-35718		03/27/2012 08:53	4	TAL BUR	WRD

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
SDG: 200-9901-1

Laboratory Chronicle

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 200-35718/4		200-35718		03/26/2012 14:51	1	TAL BUR	WRD
A:TO15 LL	MB 200-35718/4		200-35718		03/26/2012 14:51	1	TAL BUR	WRD

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 200-35718/3		200-35718		03/26/2012 13:57	1	TAL BUR	WRD
A:TO15 LL	LCS 200-35718/3		200-35718		03/26/2012 13:57	1	TAL BUR	WRD

Lab References:
TAL BUR = TestAmerica Burlington

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: RACER

TestAmerica Job ID: 200-9901-1
SDG: 200-9901-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAC Secondary AB	4	E87467
TestAmerica Burlington	Louisiana	NELAC Secondary AB	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC Secondary AB	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 TO15 Low Level

Volatile Organic Compounds - Low level (GC/MS) by Method TO 15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Matrix: Air Level: Low Lab File ID: eerag03.d

Lab ID: LCS 200-35718/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.187	94	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.168	84	70-130	
Vinyl chloride	0.200	0.153	77	70-130	
1,3-Butadiene	0.200	0.143	72	70-130	
Bromomethane	0.200	0.160	80	70-130	
Chloroethane	0.200	0.155	78	70-130	
Bromoethene(Vinyl Bromide)	0.200	0.167	84	70-130	
Trichlorofluoromethane	0.200	0.173	87	70-130	
1,1-Dichloroethene	0.200	0.183	92	70-130	
3-Chloropropene	0.200	0.154	77	70-130	
Methylene Chloride	0.200	0.191	96	70-130	
Methyl tert-butyl ether	0.200	0.183	92	70-130	
trans-1,2-Dichloroethene	0.200	0.162	81	70-130	
n-Hexane	0.200	0.163	82	70-130	
1,1-Dichloroethane	0.200	0.151	76	70-130	
cis-1,2-Dichloroethene	0.200	0.169	85	70-130	
Chloroform	0.200	0.168	84	70-130	
1,1,1-Trichloroethane	0.200	0.177	89	70-130	
Cyclohexane	0.200	0.181	91	70-130	
Carbon tetrachloride	0.200	0.176	88	70-130	
2,2,4-Trimethylpentane	0.200	0.162	81	70-130	
Benzene	0.200	0.159	80	70-130	
1,2-Dichloroethane	0.200	0.171	86	70-130	
n-Heptane	0.200	0.155	78	70-130	
Trichloroethene	0.200	0.170	85	70-130	
1,2-Dichloropropane	0.200	0.172	86	70-130	
Bromodichloromethane	0.200	0.184	92	70-130	
cis-1,3-Dichloropropene	0.200	0.159	80	70-130	
Toluene	0.200	0.172	86	70-130	
trans-1,3-Dichloropropene	0.200	0.155	78	70-130	
1,1,2-Trichloroethane	0.200	0.166	83	70-130	
Tetrachloroethene	0.200	0.170	85	70-130	
Dibromochloromethane	0.200	0.191	96	70-130	
1,2-Dibromoethane	0.200	0.171	86	70-130	
Ethylbenzene	0.200	0.180	90	70-130	
o-Xylene	0.200	0.192	96	70-130	
Bromoform	0.200	0.196	98	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.187	94	70-130	
4-Ethyltoluene	0.200	0.199	100	70-130	
1,3,5-Trimethylbenzene	0.200	0.183	92	70-130	
m-Xylene & p-Xylene	0.399	0.387	97	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab File ID: eerag04.d Lab Sample ID: MB 200-35718/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: E.i Date Analyzed: 03/26/2012 14:51

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 200-35718/3	eerag03.d	03/26/2012 13:57
IA-031512-CM-29	200-9901-1	eerag15.d	03/27/2012 00:48
IA-031512-CM-30	200-9901-2	eerag16.d	03/27/2012 01:42
IA-031512-CM-31	200-9901-3	eerag17.d	03/27/2012 02:36
IA-031512-CM-32	200-9901-4	eerag18.d	03/27/2012 03:29
IA-031512-CM-33	200-9901-5	eerag19.d	03/27/2012 04:22
IA-031512-CM-34	200-9901-6	eerag20.d	03/27/2012 05:16
IA-031512-CM-35	200-9901-7	eerag21.d	03/27/2012 06:10
IA-031512-CM-36-DUP	200-9901-8	eerag22.d	03/27/2012 07:04
IA-031512-CM-37	200-9901-9	eerag23.d	03/27/2012 07:58
AA-031512-CM-38	200-9901-10	eerag24.d	03/27/2012 08:53

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab File ID: eer001.d BFB Injection Date: 01/04/2012

Instrument ID: E.i BFB Injection Time: 16:58

Analysis Batch No.: 31788

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.7	
75	30.0 - 66.0% of mass 95	52.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.3	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	92.5	
175	4.0 - 9.0 % of mass 174	6.4	(6.9)1
176	93.0 - 101.0% of mass 174	90.0	(97.3)1
177	5.0 - 9.0% of mass 176	5.9	(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 200-31788/3	eer003.d	01/04/2012	18:42
	IC 200-31788/4	eer004.d	01/04/2012	19:37
	IC 200-31788/5	eer005.d	01/04/2012	20:32
	IC 200-31788/6	eer006.d	01/04/2012	21:26
	ICIS 200-31788/7	eer007.d	01/04/2012	22:21
	IC 200-31788/8	eer008.d	01/04/2012	23:16
	IC 200-31788/9	eer009.d	01/05/2012	00:10
	IC 200-31788/10	eer010.d	01/05/2012	01:05
	IC 200-31788/11	eer011.d	01/05/2012	02:00
	IC 200-31788/12	eer012.d	01/05/2012	02:54
	ICV 200-31788/14	eer014.d	01/05/2012	04:44

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab File ID: eerag01.d BFB Injection Date: 03/26/2012

Instrument ID: E.i BFB Injection Time: 12:01

Analysis Batch No.: 35718

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	16.3	
75	30.0 - 66.0% of mass 95	51.9	
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	95.0	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	90.9	(95.6)1
177	5.0 - 9.0% of mass 176	5.8	(6.3)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 200-35718/2	eerag02.d	03/26/2012	13:02
	LCS 200-35718/3	eerag03.d	03/26/2012	13:57
	MB 200-35718/4	eerag04.d	03/26/2012	14:51
IA-031512-CM-29	200-9901-1	eerag15.d	03/27/2012	00:48
IA-031512-CM-30	200-9901-2	eerag16.d	03/27/2012	01:42
IA-031512-CM-31	200-9901-3	eerag17.d	03/27/2012	02:36
IA-031512-CM-32	200-9901-4	eerag18.d	03/27/2012	03:29
IA-031512-CM-33	200-9901-5	eerag19.d	03/27/2012	04:22
IA-031512-CM-34	200-9901-6	eerag20.d	03/27/2012	05:16
IA-031512-CM-35	200-9901-7	eerag21.d	03/27/2012	06:10
IA-031512-CM-36-DUP	200-9901-8	eerag22.d	03/27/2012	07:04
IA-031512-CM-37	200-9901-9	eerag23.d	03/27/2012	07:58
AA-031512-CM-38	200-9901-10	eerag24.d	03/27/2012	08:53

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Sample No.: ICIS 200-31788/7 Date Analyzed: 01/04/2012 22:21

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): eer007.d Heated Purge: (Y/N) N

Calibration ID: 12699

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		804710	9.99	3926162	11.43	3478570	15.54
UPPER LIMIT		1126594	10.32	5496627	11.76	4869998	15.87
LOWER LIMIT		482826	9.66	2355697	11.10	2087142	15.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-31788/14		897583	9.98	4383408	11.43	3818789	15.54

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 TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Sample No.: CCVIS 200-35718/2 Date Analyzed: 03/26/2012 13:02

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): eerag02.d Heated Purge: (Y/N) N

Calibration ID: 12699

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		549949	9.97	2649195	11.41	2410103	15.53
UPPER LIMIT		769929	10.30	3708873	11.74	3374144	15.86
LOWER LIMIT		329969	9.64	1589517	11.08	1446062	15.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-35718/3		549782	9.97	2642731	11.41	2426002	15.53
MB 200-35718/4		457968	9.97	2594966	11.41	1858865	15.53
200-9901-1	IA-031512-CM-29	671208	9.97	3332518	11.41	2975432	15.53
200-9901-2	IA-031512-CM-30	596695	9.97	2842737	11.41	2593705	15.53
200-9901-3	IA-031512-CM-31	520839	9.97	2542958	11.41	2415811	15.53
200-9901-4	IA-031512-CM-32	601360	9.97	3018310	11.41	2746868	15.53
200-9901-5	IA-031512-CM-33	609084	9.97	2975201	11.41	2587612	15.53
200-9901-6	IA-031512-CM-34	541321	9.97	2680408	11.41	2495481	15.53
200-9901-7	IA-031512-CM-35	622808	9.97	3058051	11.41	2754627	15.53
200-9901-8	IA-031512-CM-36-DUP	613851	9.97	2963611	11.41	2639623	15.53
200-9901-9	IA-031512-CM-37	627310	9.97	3063817	11.41	2683902	15.53
200-9901-10	AA-031512-CM-38	608083	9.97	2944687	11.41	2609262	15.53

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO15 LL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-29 Lab Sample ID: 200-9901-1

Matrix: Air Lab File ID: eerag15.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 12:44

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 00:48

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.20		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.78		0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.21		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.062		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.053		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.058		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.053		0.040	0.040
71-43-2	Benzene	78.11	0.57		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.093		0.040	0.040
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.11		0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	0.72		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.13		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-29 Lab Sample ID: 200-9901-1

Matrix: Air Lab File ID: eerag15.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 12:44

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 00:48

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.15		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.080	U	0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.43		0.040	0.040
1330-20-7	Xylenes, Total	106.17	0.59		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-29 Lab Sample ID: 200-9901-1

Matrix: Air Lab File ID: eerag15.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 12:44

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 00:48

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.1		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	2.7		1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	0.75		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.30		0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.18		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.36		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.25		0.19	0.19
71-43-2	Benzene	78.11	1.8		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.38		0.16	0.16
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.49		0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	2.7		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	0.55		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-29 Lab Sample ID: 200-9901-1

Matrix: Air Lab File ID: eerag15.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 12:44

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 00:48

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.66		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.39	U	0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	1.9		0.17	0.17
1330-20-7	Xylenes, Total	106.17	2.5		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-1
Client Smp ID: IA-031512-CM-29
Inj Date : 27-MAR-2012 00:48
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-1
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 15
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

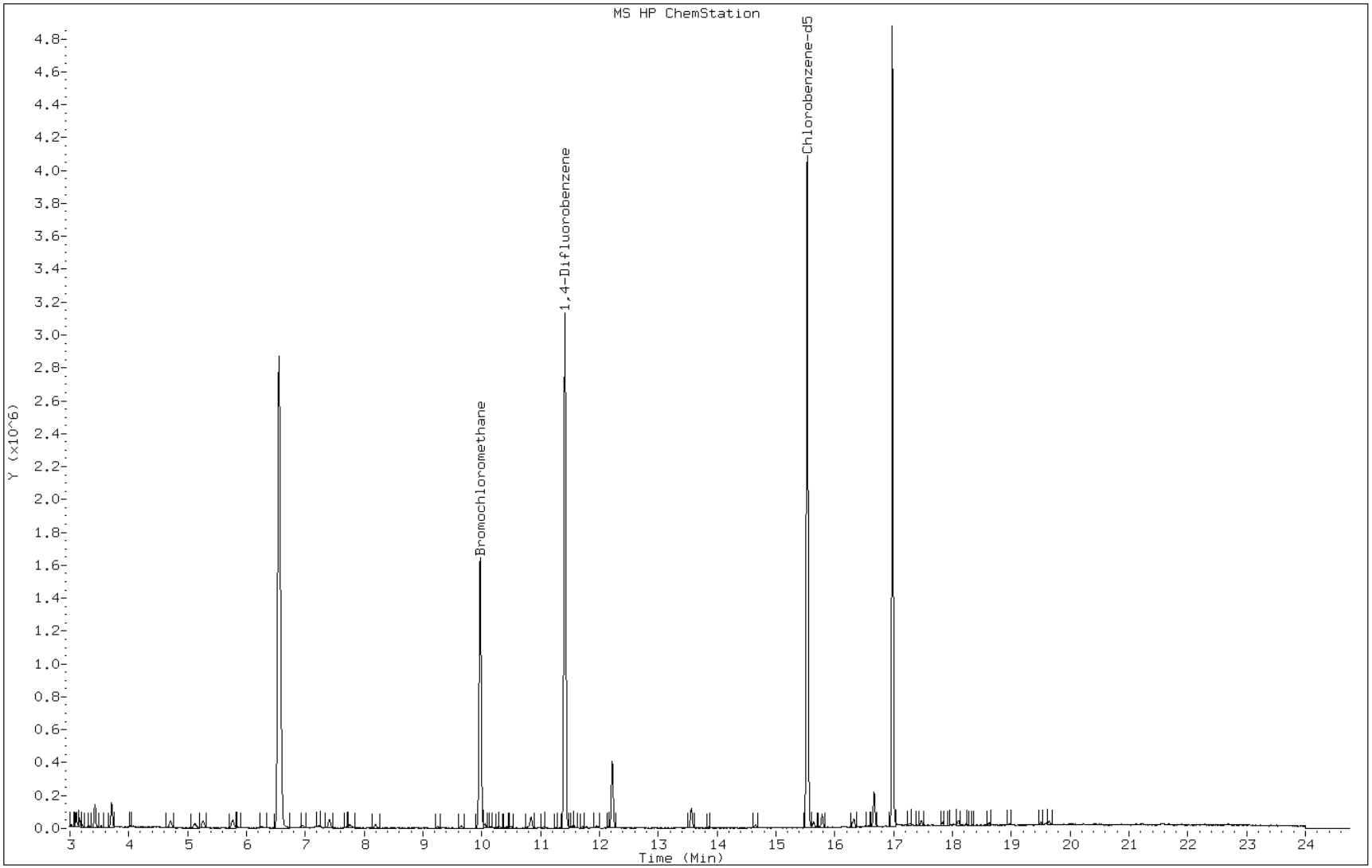
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	49909	0.10302	0.41
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.821	3.827	(0.383)	1527	0.01680	0.067(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.127	5.138	(0.514)	35738	0.04993	0.20
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	6864	0.01471	0.059(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.416	7.433	(0.744)	34088	0.19544	0.78
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.187	8.203	(0.821)	13050	0.05299	0.21
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
*	36 Bromochloromethane	128	9.973	9.990	(1.000)	671208	2.00000	
	39 Chloroform	83	10.059	10.075	(1.009)	7510	0.01540	0.062
	40 Cyclohexane	84	10.289	10.305	(0.902)	3979	0.01330	0.053(QM)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.492	10.514	(0.919)	10495	0.01450	0.058
	43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.946)	10020	0.01326	0.053(Q)
	44 Benzene	78	10.845	10.851	(0.950)	79957	0.14163	0.57
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.070	11.076	(0.970)	5344	0.02314	0.092
*	47 1,4-Difluorobenzene	114	11.412	11.429	(1.000)	3332518	2.00000	
	49 Trichloroethene	95	11.766	11.782	(1.031)	2370	0.00760	0.030(a)
	50 1,2-Dichloropropane	63	12.145	12.162	(1.064)	4141	0.02674	0.11(Q)
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.563	13.579	(0.873)	66118	0.17908	0.72
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2975432	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	22043	0.03154	0.13
	69 Xylene (m,p)	106	15.783	15.799	(1.016)	26252	0.10858	0.43
M	70 Xylene, Total	106				35046	0.14664	0.59
	71 Xylene (o)	106	16.297	16.318	(1.049)	8794	0.03806	0.15(Q)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.324	17.340	(1.115)	3416	0.00761	0.030(aM)
	81 1,3,5-Trimethylbenzene	105	17.393	17.404	(1.120)	2958	0.00765	0.030(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eerag15.d	Date:	27-MAR-2012 00:48
Client ID:	IA-031512-CM-29	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-1		
Lab Sample ID:	200-9901-1		



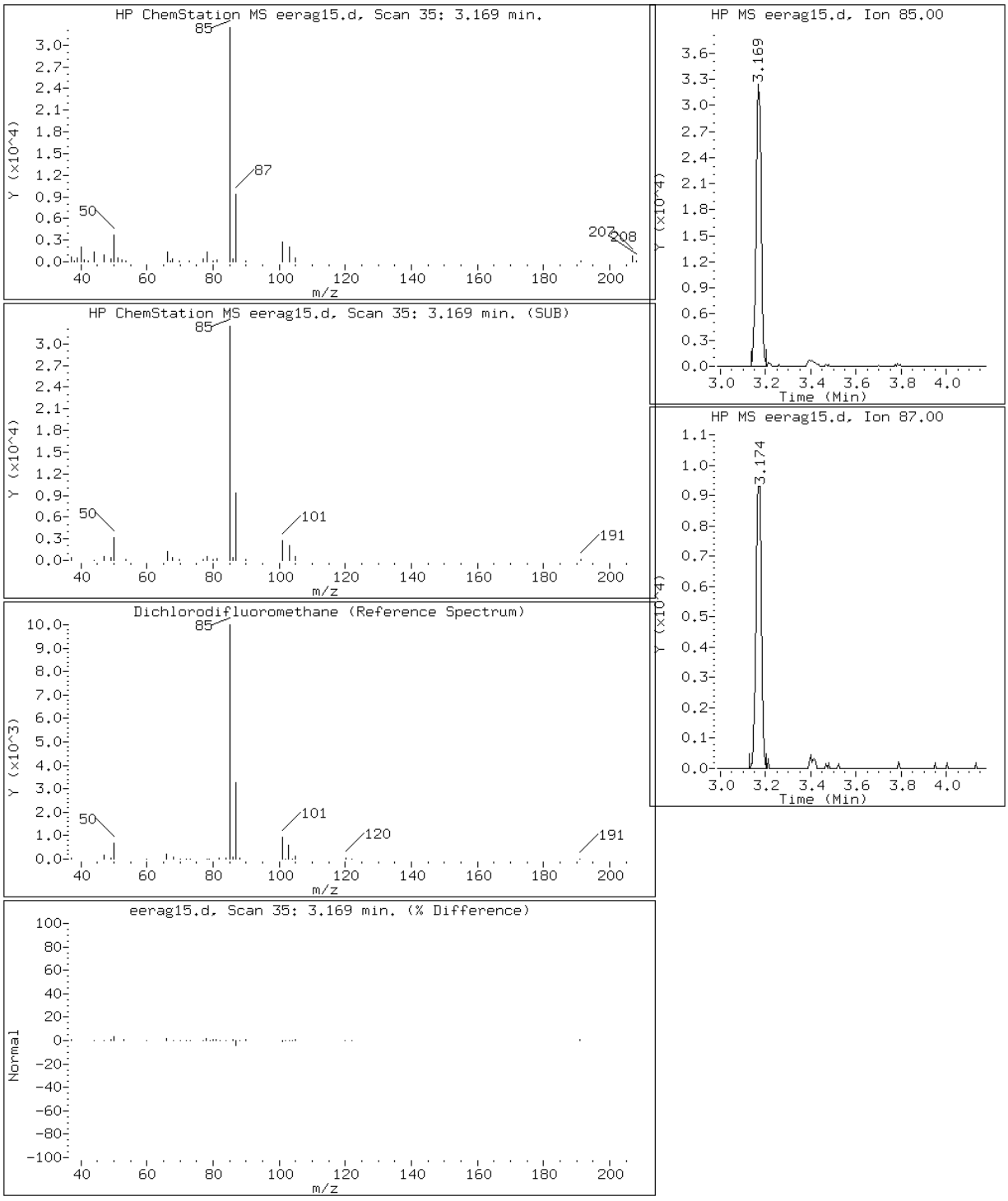
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

2 Dichlorodifluoromethane



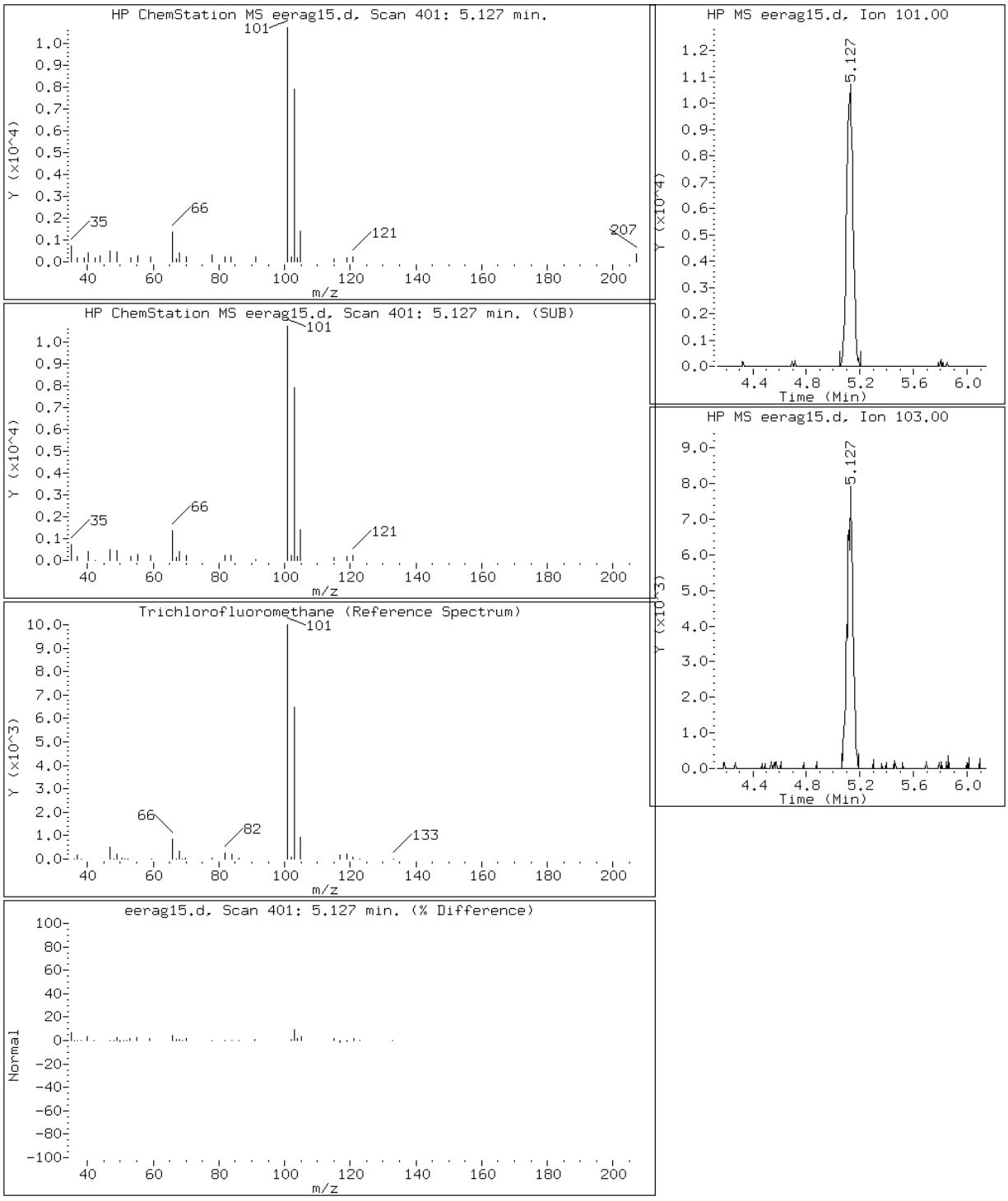
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Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

13 Trichlorofluoromethane



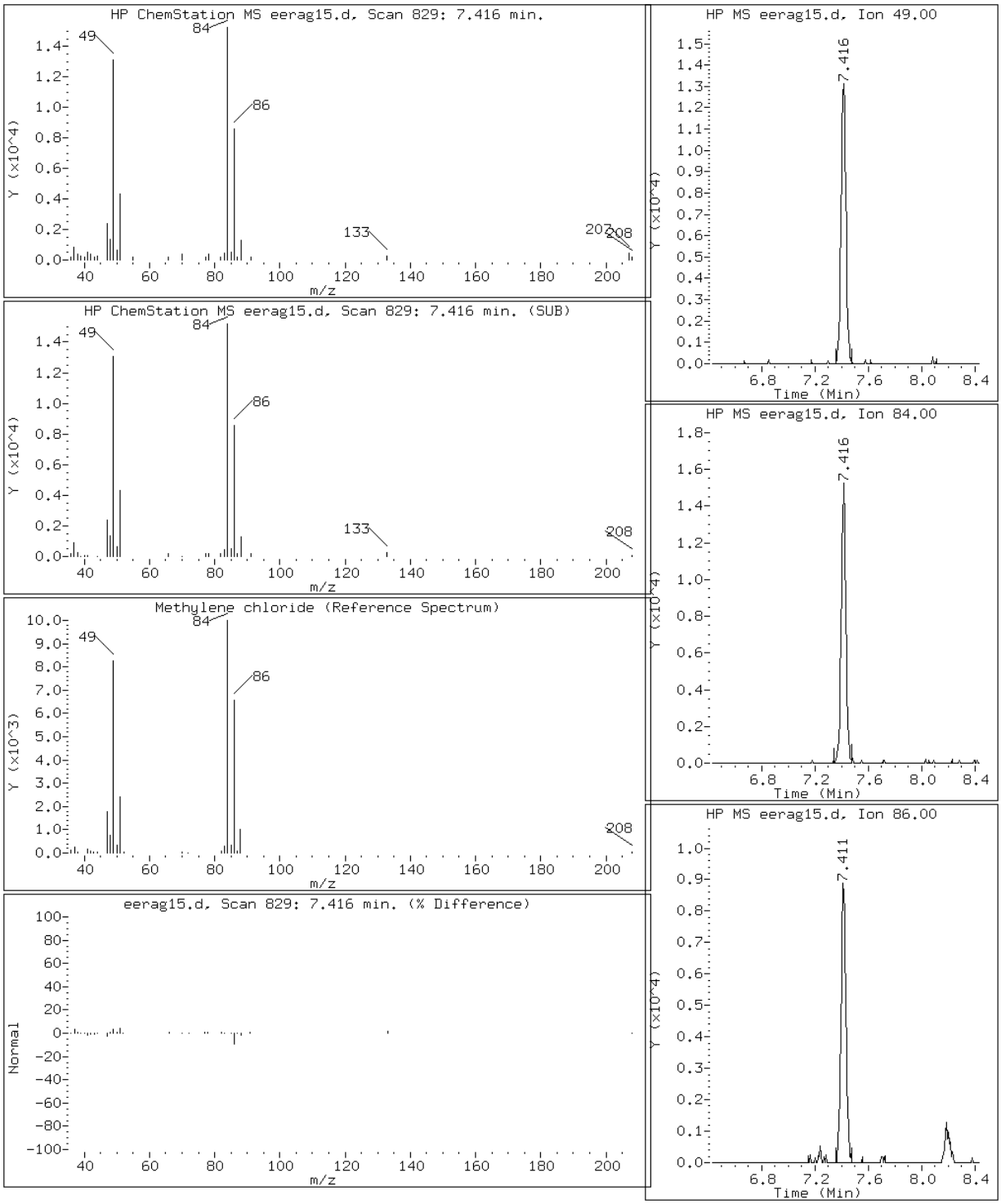
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

25 Methylene chloride



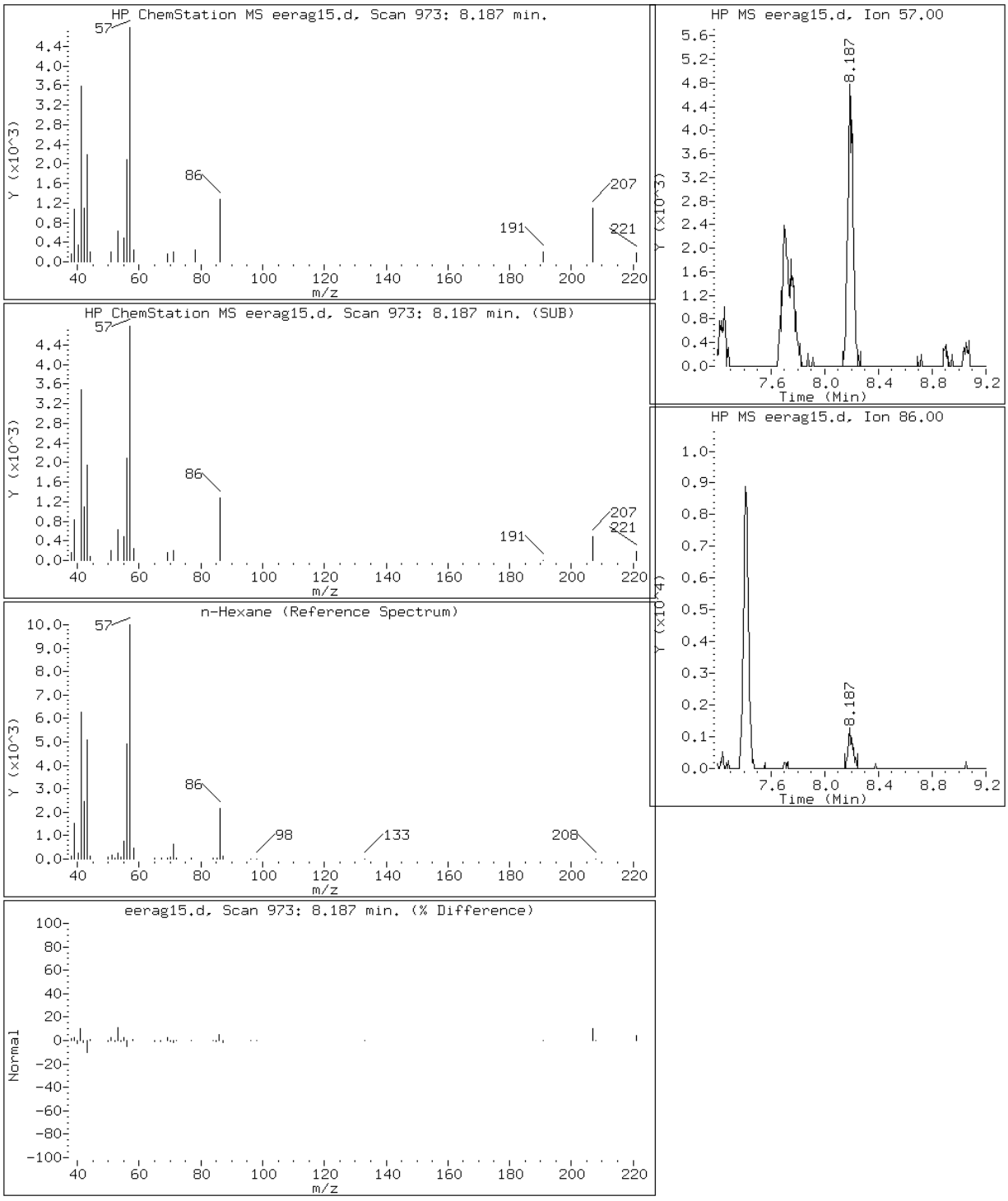
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

30 n-Hexane



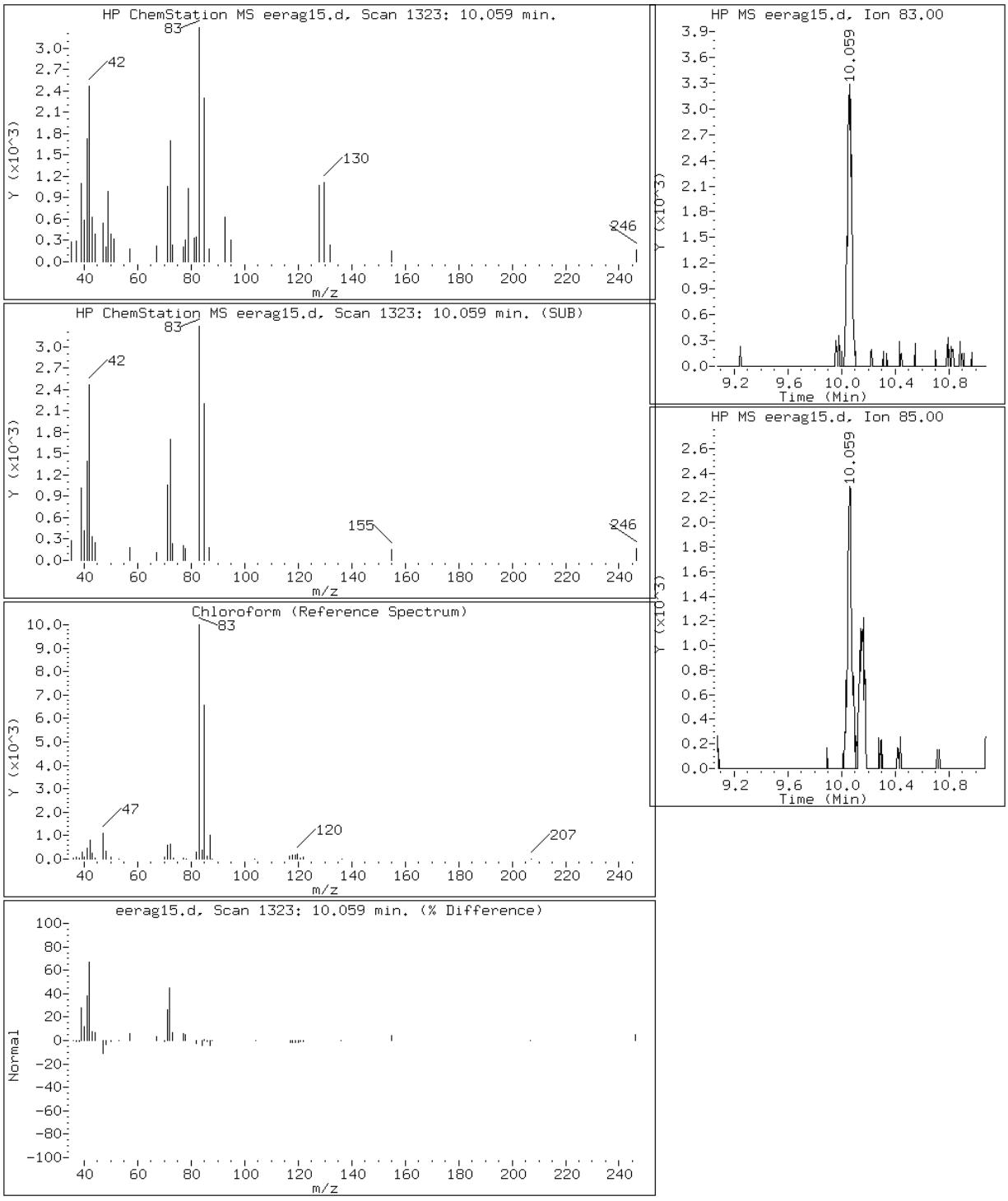
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

39 Chloroform



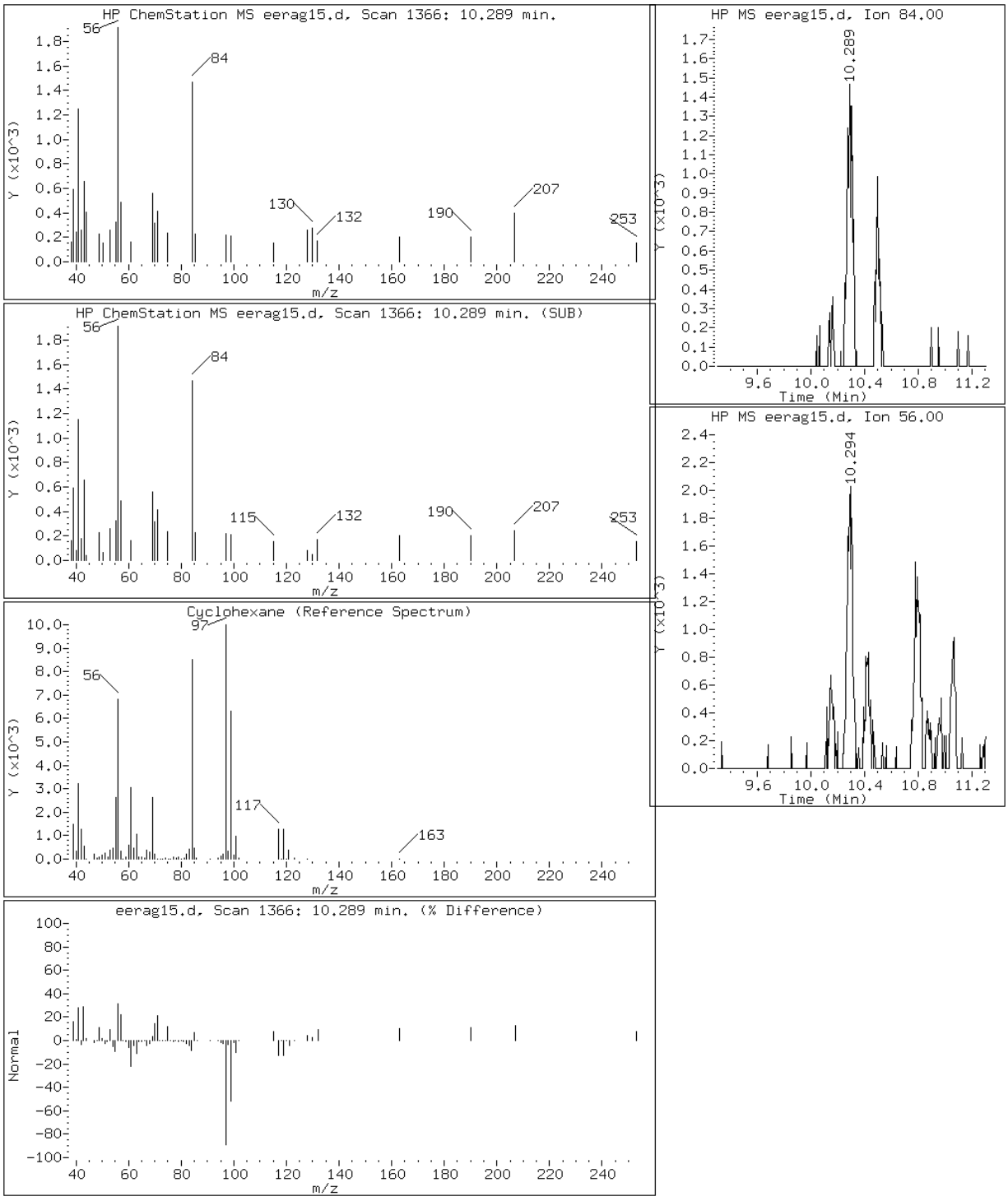
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

40 Cyclohexane



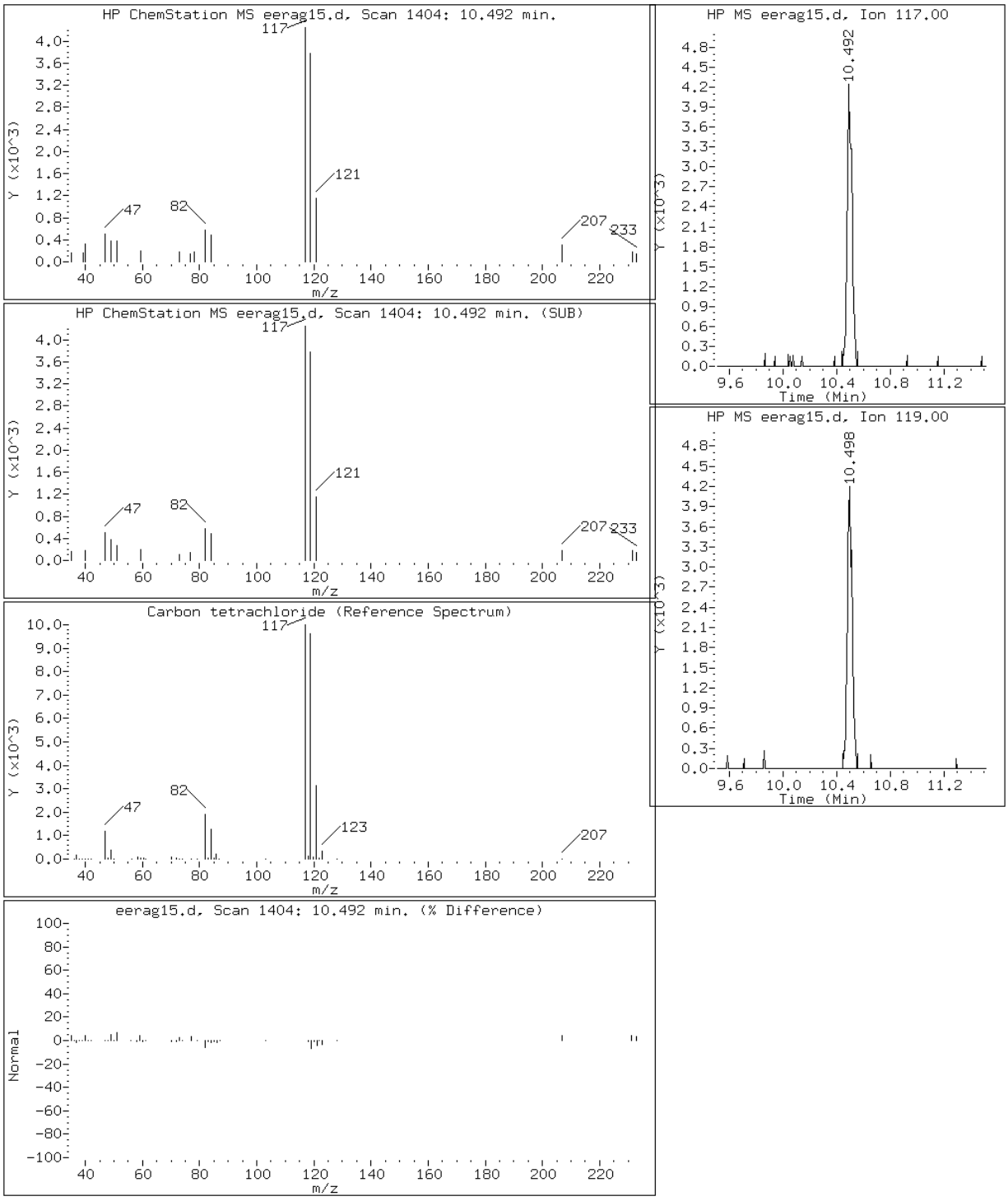
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

42 Carbon tetrachloride



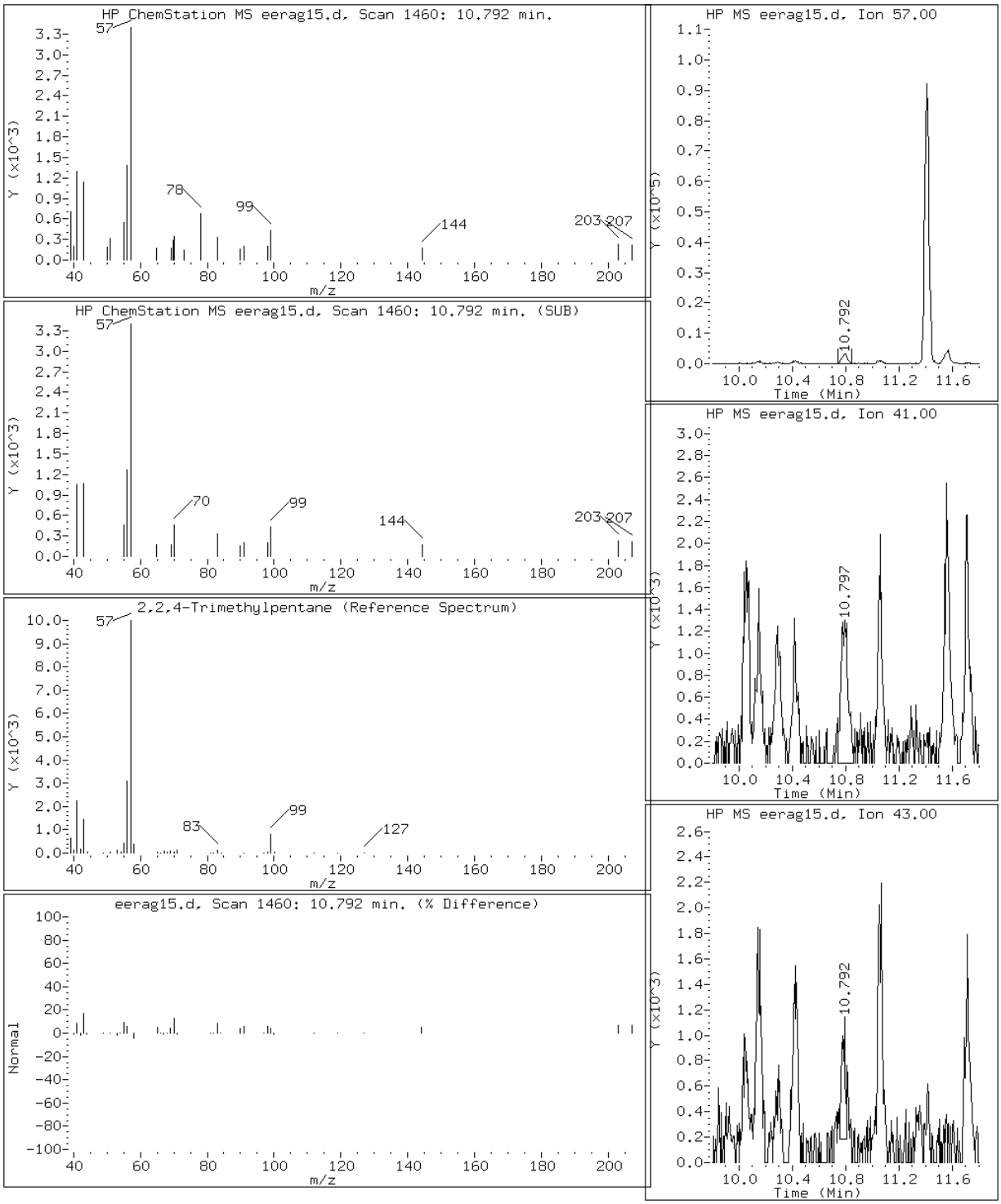
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

43 2,2,4-Trimethylpentane



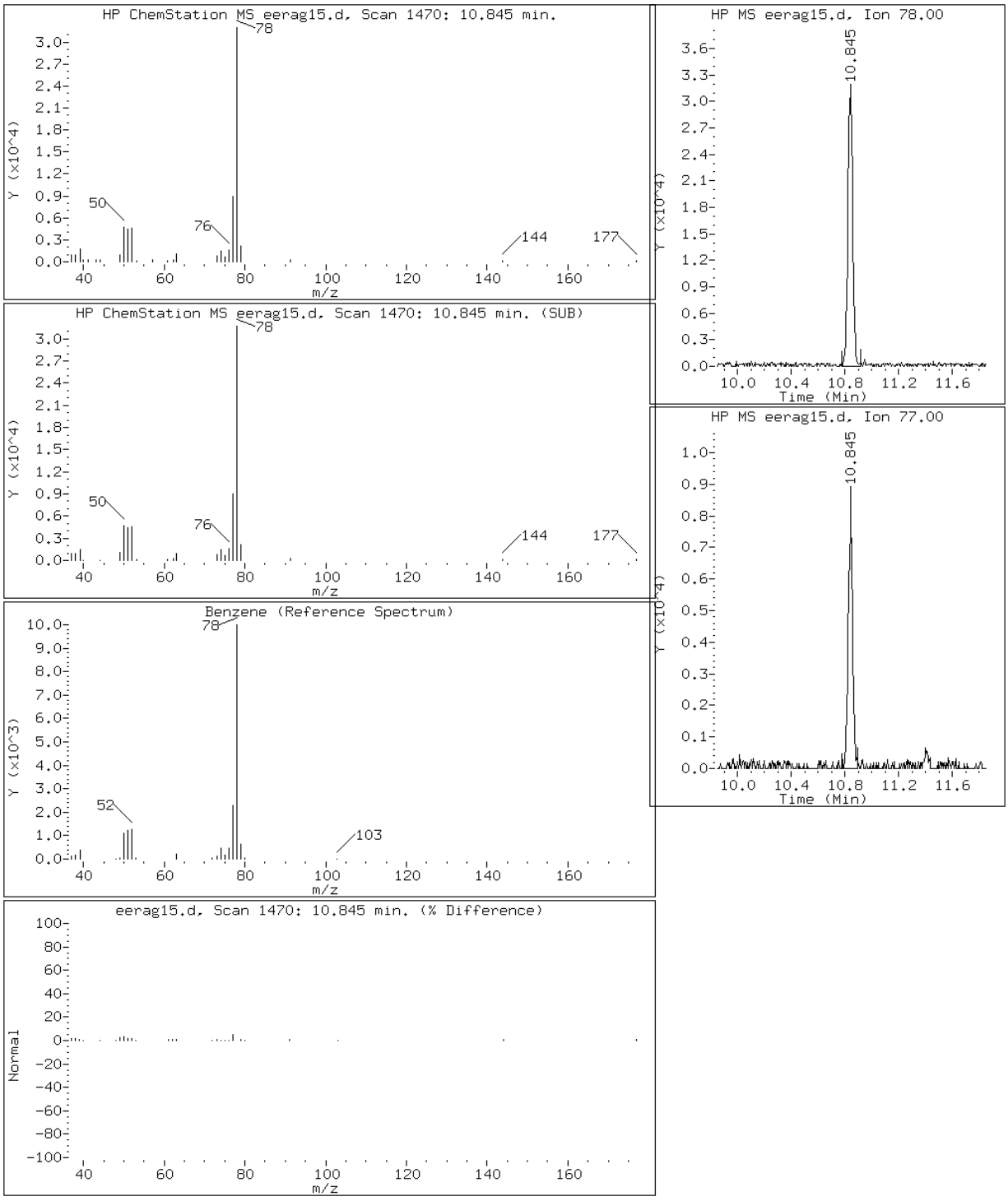
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

44 Benzene



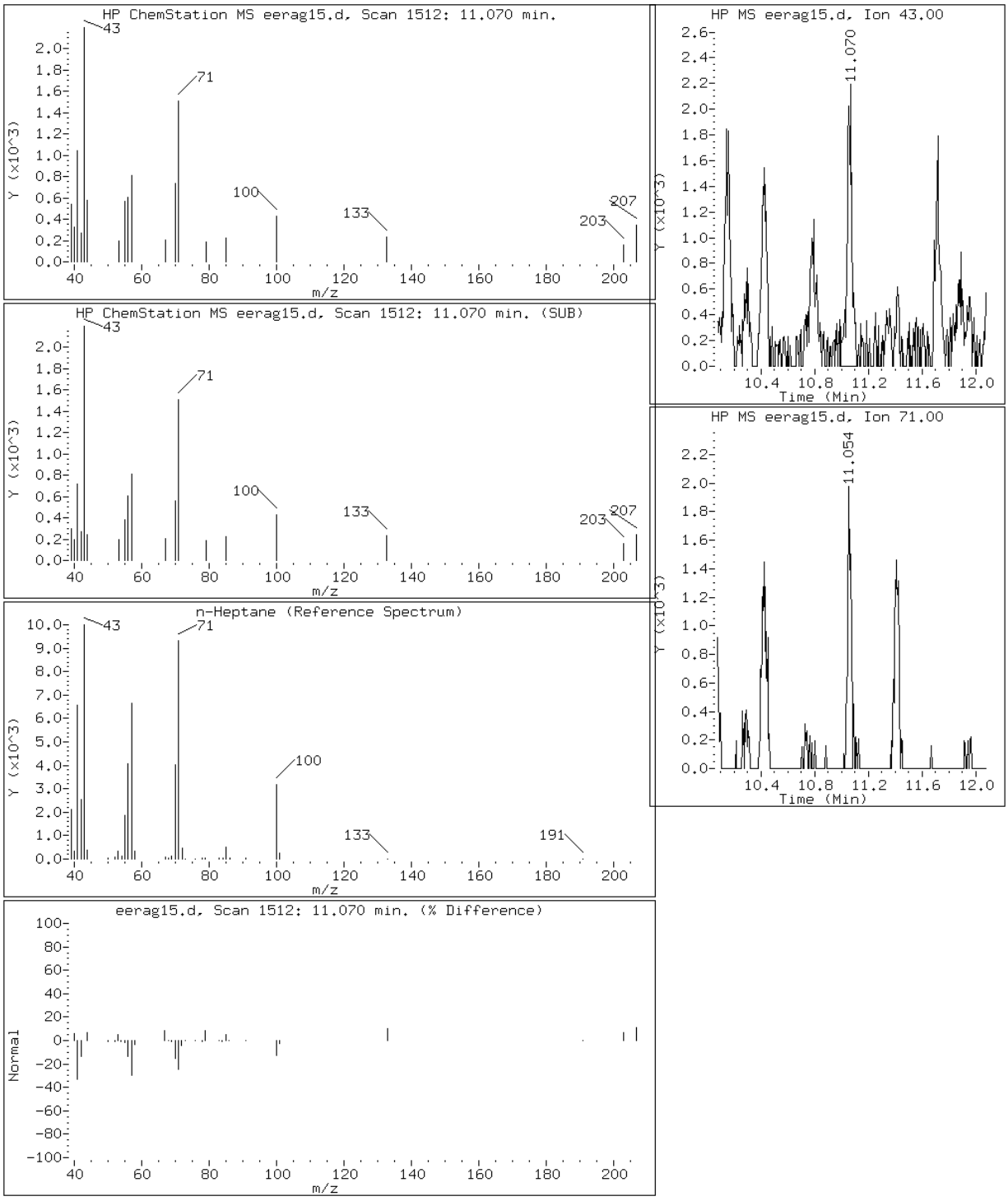
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

46 n-Heptane



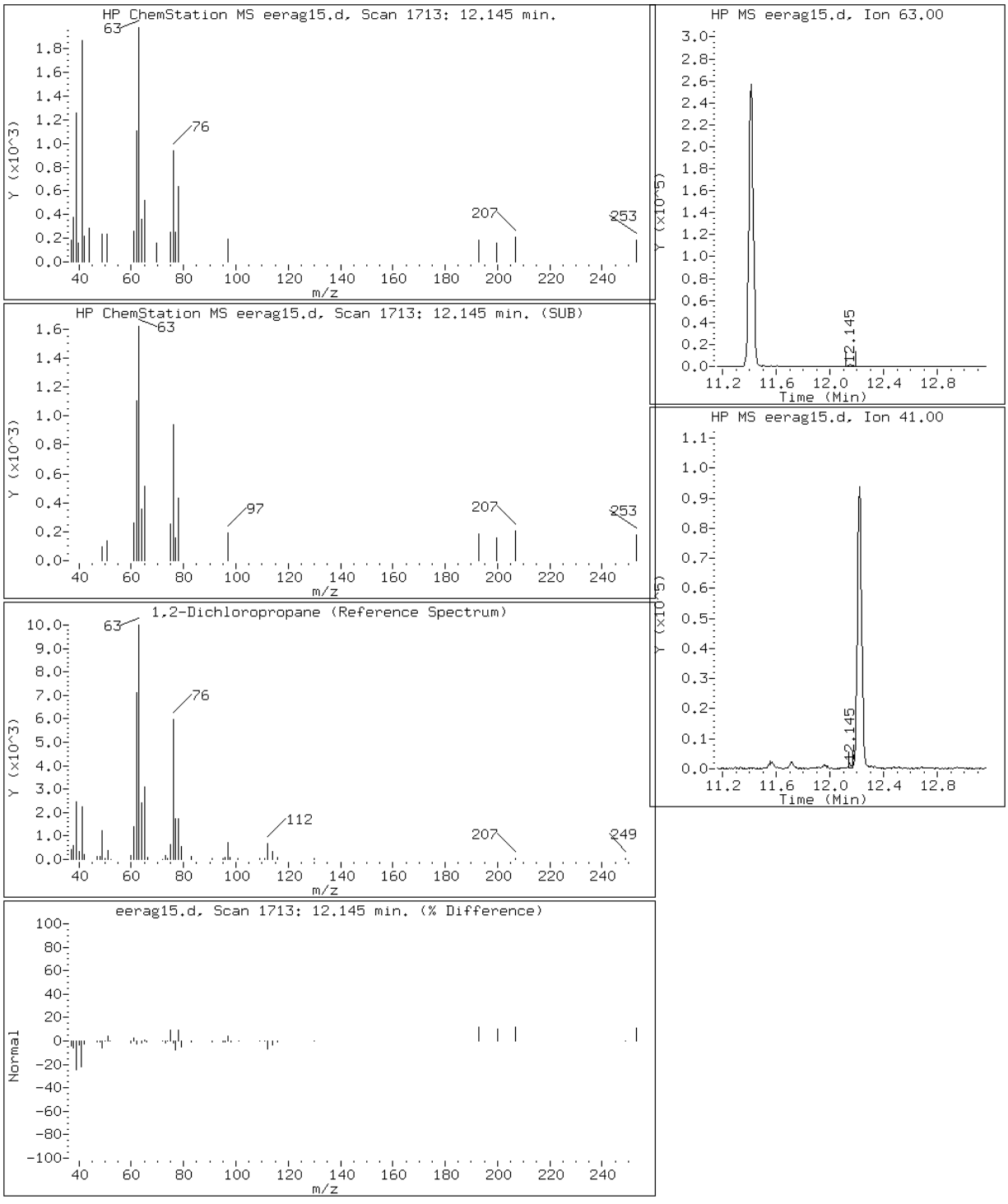
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

50 1,2-Dichloropropane



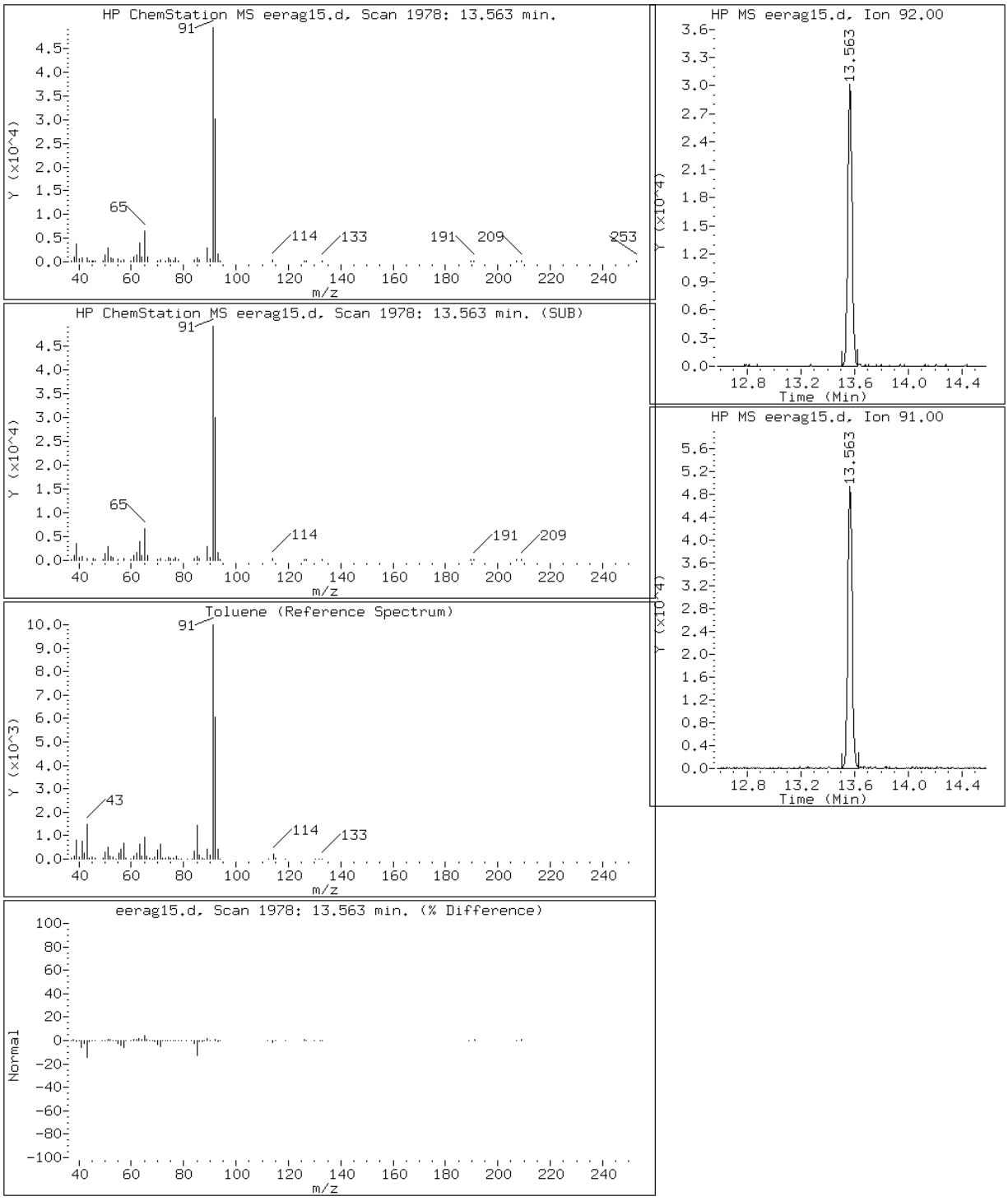
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

58 Toluene



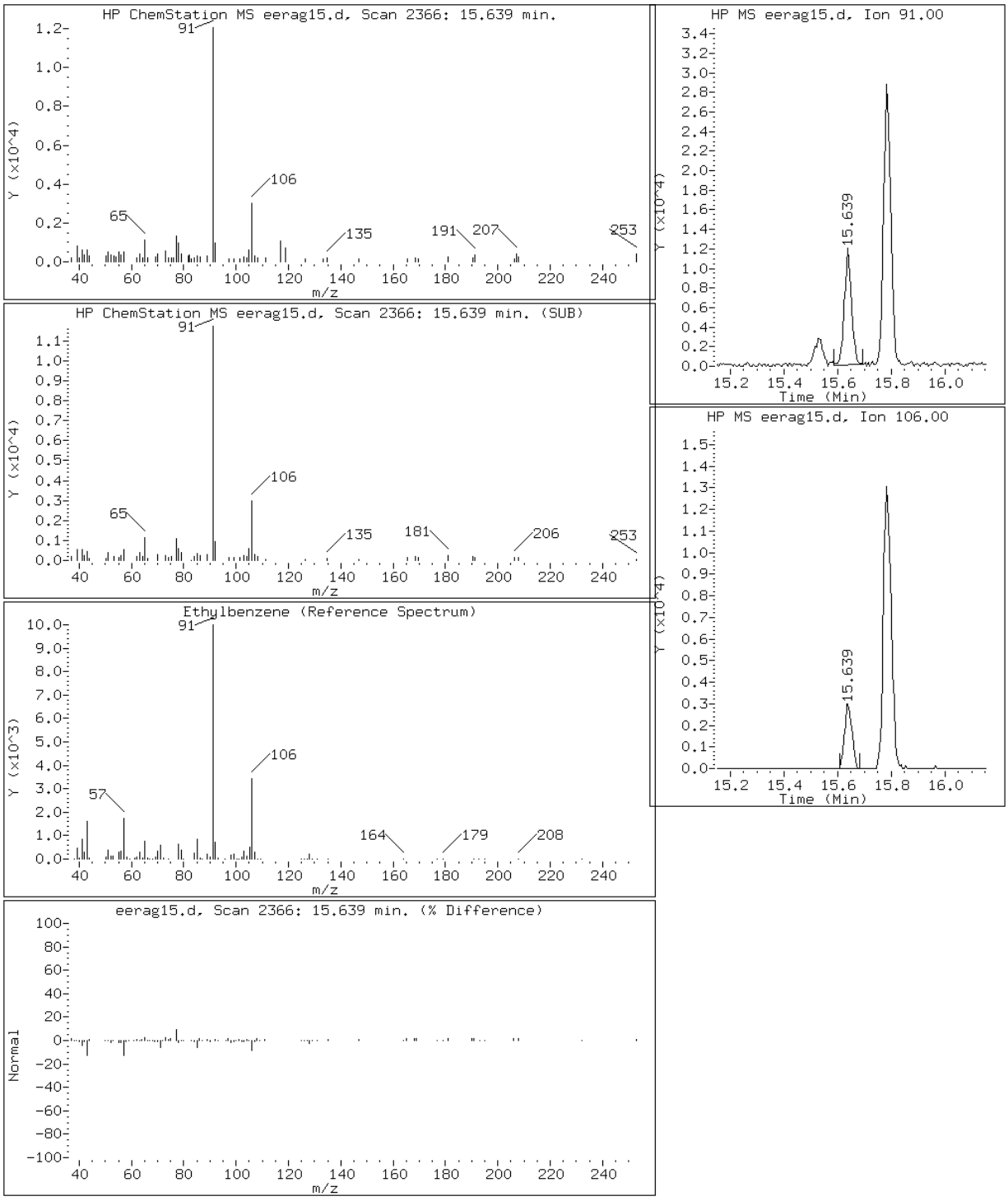
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

67 Ethylbenzene



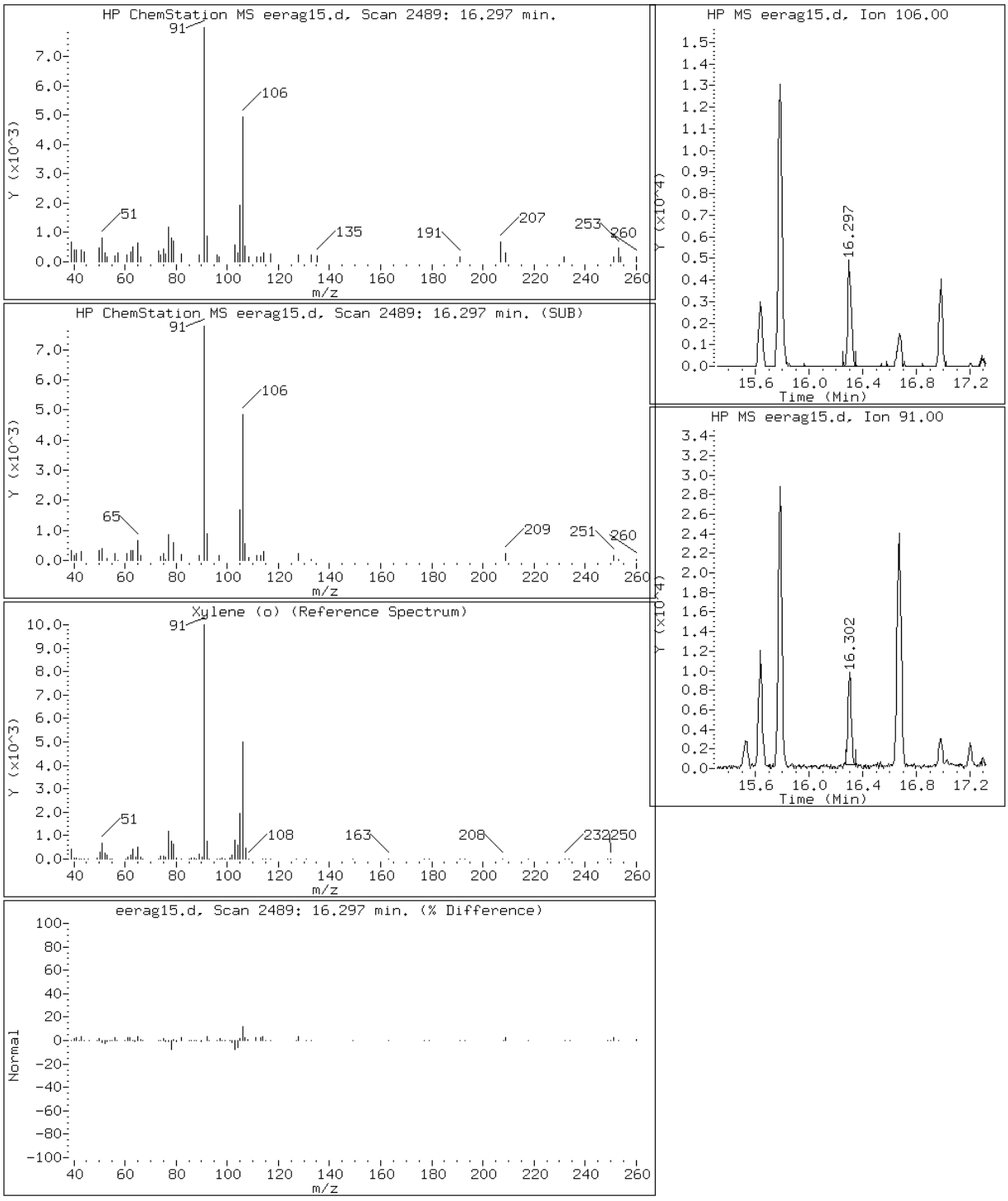
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

71 Xylene (o)



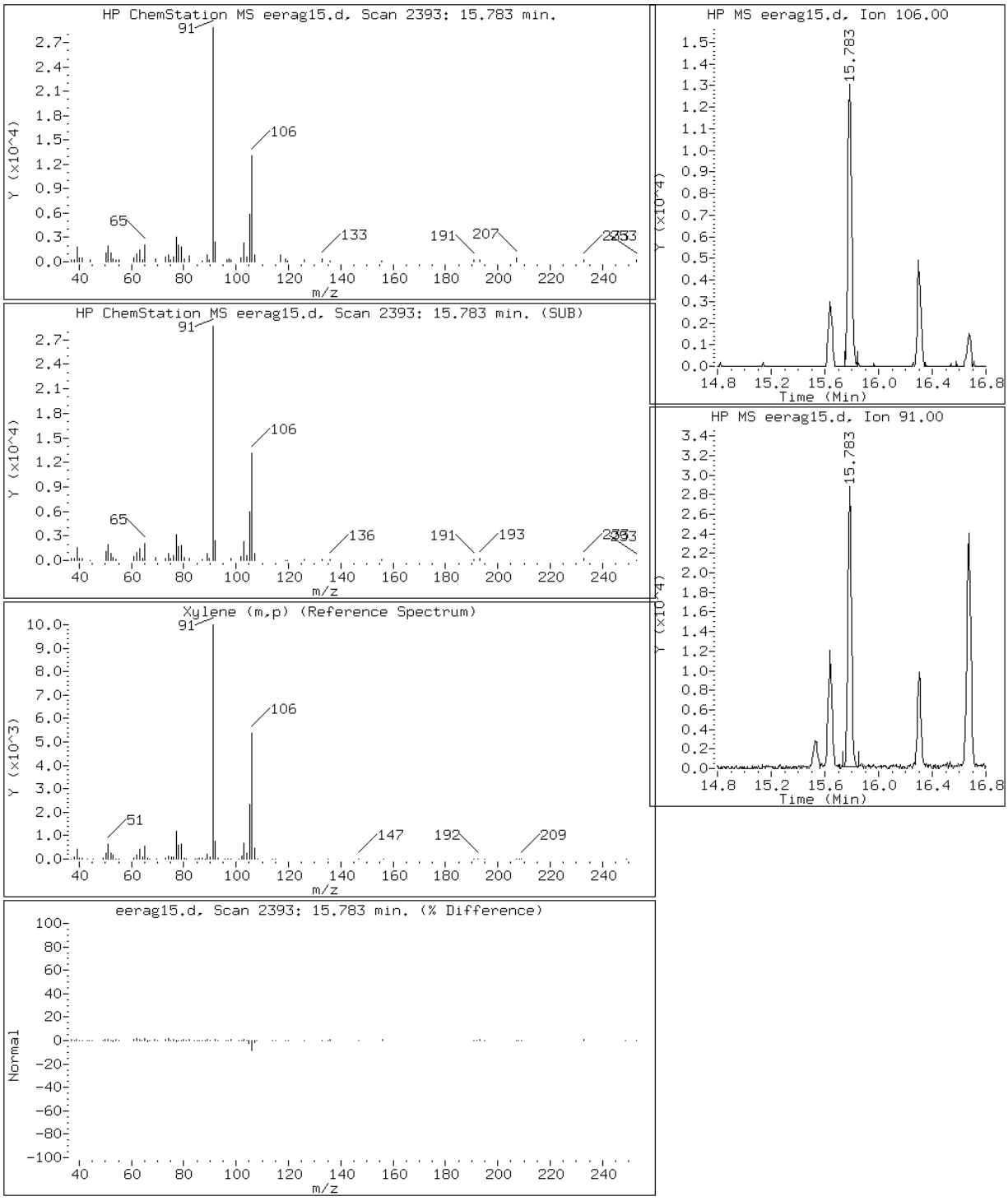
Data File: eerag15.d

Lab Sample ID: 200-9901-1 Date: 27-MAR-2012 00:48

Client ID: IA-031512-CM-29 Instrument: E.i

Sample Info: 200-9901-A-1 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: eerag15.d
Lab Sample ID: 200-9901-1
Inj. Date and Time: 27-MAR-2012 00:48
Instrument ID: E.i
Client ID: IA-031512-CM-29
Compound: 40 Cyclohexane
CAS #: 110-82-7
Report Date: 03/27/2012

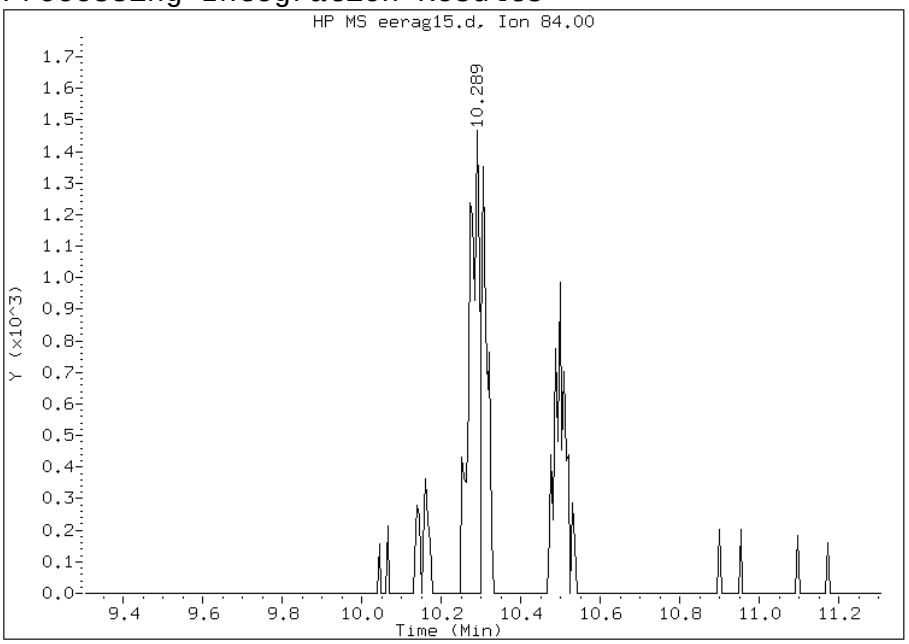
Processing Integration Results

RT: 10.29

Response: 2762

Amount: 0.009230

Conc: 0.036920



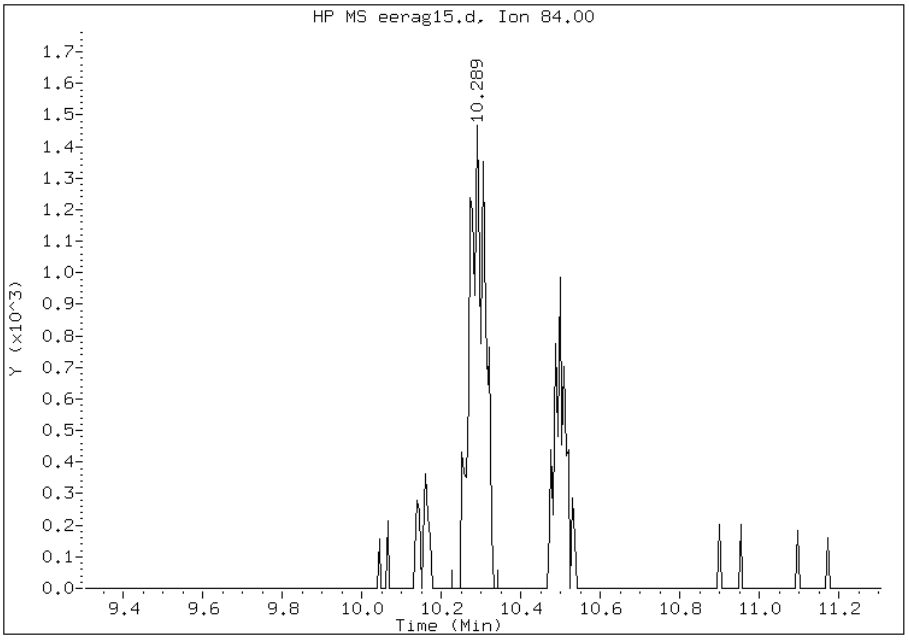
Manual Integration Results

RT: 10.29

Response: 3979

Amount: 0.013297

Conc: 0.053187



File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: eerag15.d
Lab Sample ID: 200-9901-1
Inj. Date and Time: 27-MAR-2012 00:48
Instrument ID: E.i
Client ID: IA-031512-CM-29
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

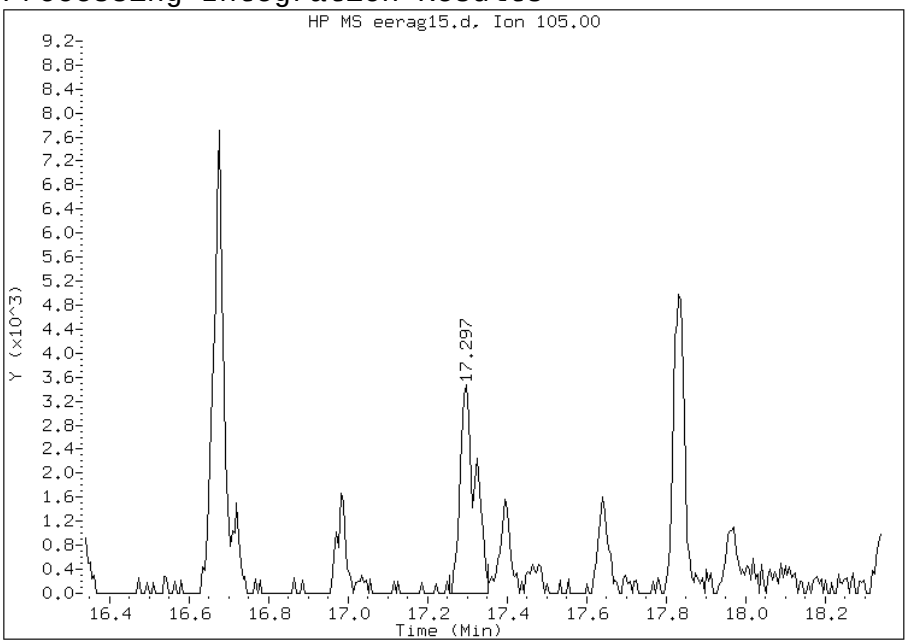
Processing Integration Results

RT: 17.30

Response: 9373

Amount: 0.020883

Conc: 0.083533



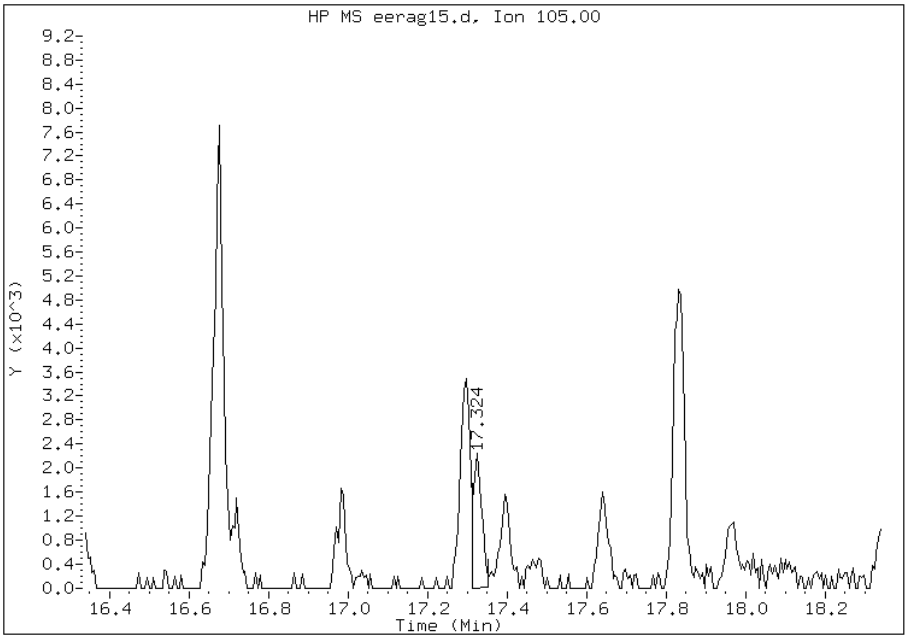
Manual Integration Results

RT: 17.32

Response: 3416

Amount: 0.007611

Conc: 0.030444



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-30 Lab Sample ID: 200-9901-2

Matrix: Air Lab File ID: eerag16.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:24

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 01:42

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.30		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.25		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.047		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.067		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.040	0.040
71-43-2	Benzene	78.11	0.29		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.13		0.040	0.040
79-01-6	Trichloroethene	131.39	0.44		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	2.2		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.91		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-30 Lab Sample ID: 200-9901-2

Matrix: Air Lab File ID: eerag16.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:24

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 01:42

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	1.9		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.11		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.22		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	4.2		0.040	0.040
1330-20-7	Xylenes, Total	106.17	6.1		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-30 Lab Sample ID: 200-9901-2

Matrix: Air Lab File ID: eerag16.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:24

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 01:42

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.7		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	0.88		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.16		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.42		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.19	0.19
71-43-2	Benzene	78.11	0.93		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.53		0.16	0.16
79-01-6	Trichloroethene	131.39	2.4		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	8.2		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	4.0		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-30 Lab Sample ID: 200-9901-2

Matrix: Air Lab File ID: eerag16.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:24

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 01:42

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	8.4		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.55		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	18		0.17	0.17
1330-20-7	Xylenes, Total	106.17	26		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-2
Client Smp ID: IA-031512-CM-30
Inj Date : 27-MAR-2012 01:42
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-2
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 16
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

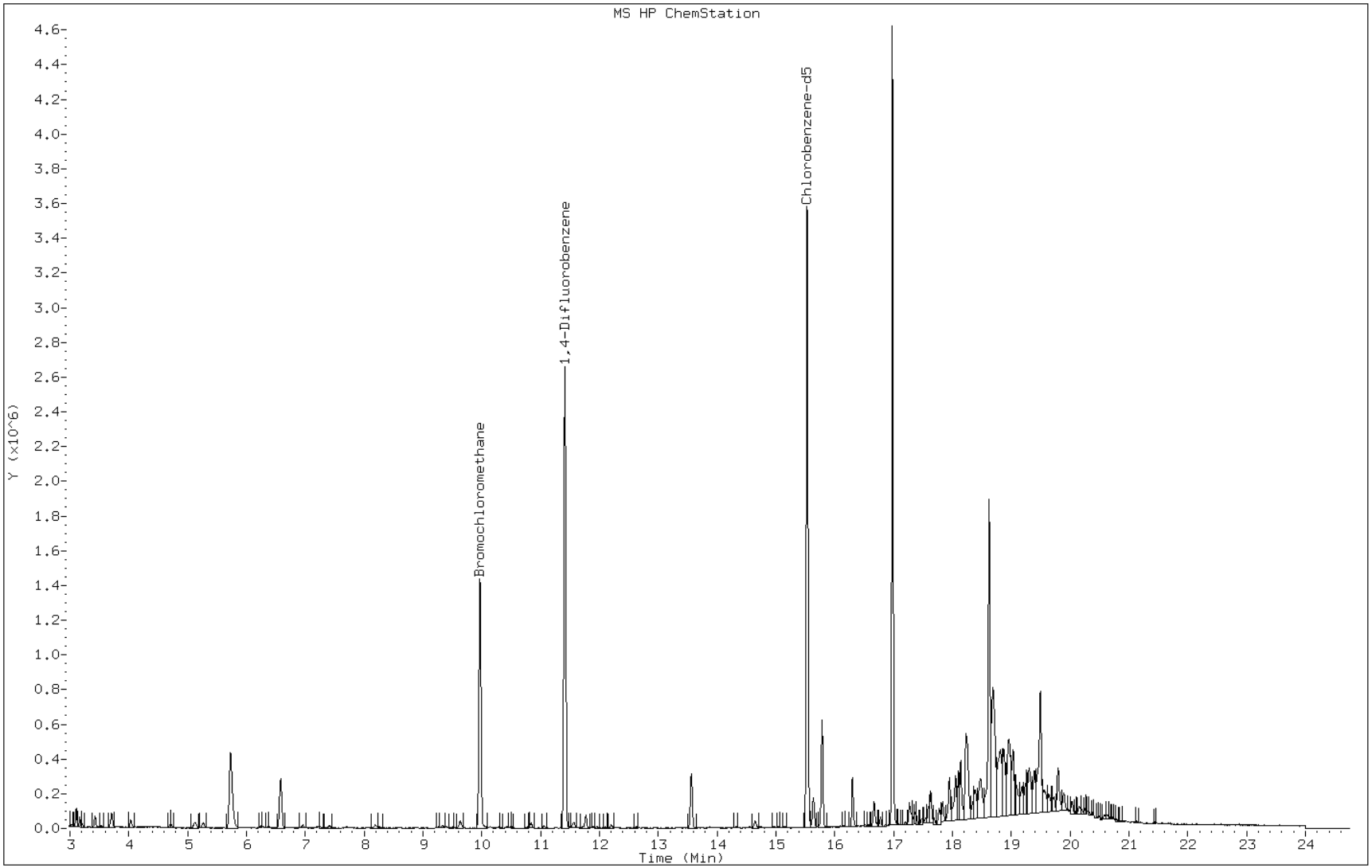
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	49321	0.11452	0.46
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.816	3.827	(0.383)	980	0.01213	0.048(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.132	5.138	(0.515)	47596	0.07480	0.30
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.250	6.282	(0.627)	7095	0.01710	0.068(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.416	7.433	(0.744)	9037	0.05828	0.23(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.192	8.203	(0.822)	13616	0.06219	0.25
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61				1442	0.00789	0.032(a)
	34 1,2-Dichloroethene (cis)	96	9.578	9.605	(0.961)	1442	0.00789	0.032(a)
*	36 Bromochloromethane	128	9.968	9.990	(1.000)	596695	2.00000	
	39 Chloroform	83	10.064	10.075	(1.010)	2279	0.00526	0.021(a)
	40 Cyclohexane	84	10.294	10.305	(0.902)	2994	0.01173	0.047(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.503	10.514	(0.920)	10384	0.01681	0.067
	43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.946)	4664	0.00724	0.029(aQ)
	44 Benzene	78	10.845	10.851	(0.950)	34896	0.07246	0.29
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.059	11.076	(0.969)	6333	0.03214	0.13
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	2842737	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	29124	0.10947	0.44
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.568	13.579	(0.874)	174957	0.54362	2.2
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.317	14.344	(0.922)	3996	0.00934	0.037(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2593705	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	138738	0.22773	0.91
	69 Xylene (m,p)	106	15.783	15.799	(1.016)	218901	1.03860	4.2
M	70 Xylene, Total	106				316436	1.52287	6.1
	71 Xylene (o)	106	16.302	16.318	(1.050)	97535	0.48427	1.9
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.324	17.340	(1.115)	11014	0.02815	0.11(M)
	81 1,3,5-Trimethylbenzene	105	17.393	17.404	(1.120)	18655	0.05533	0.22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eerag16.d	Date:	27-MAR-2012 01:42
Client ID:	IA-031512-CM-30	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-2		
Lab Sample ID:	200-9901-2		



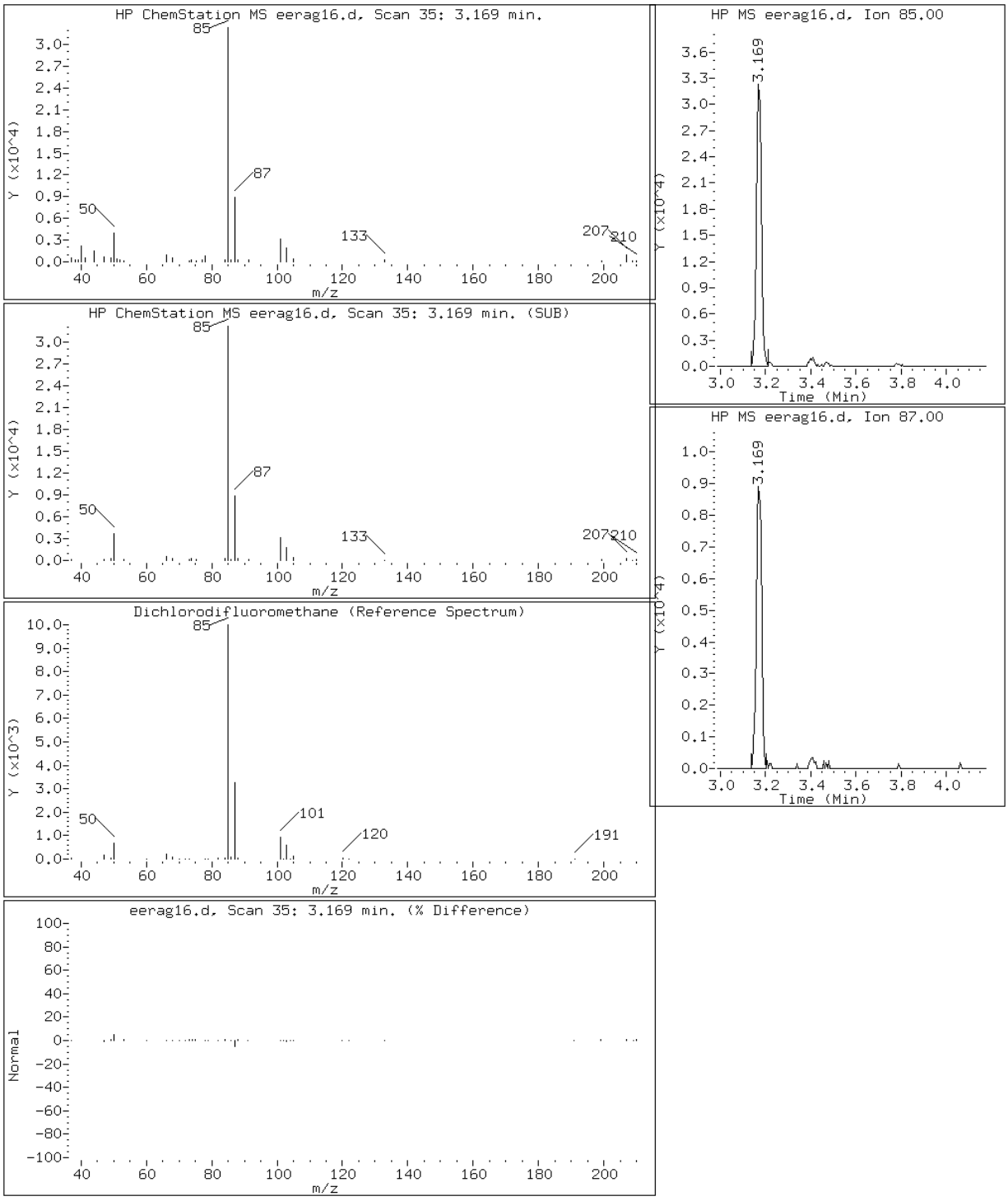
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

2 Dichlorodifluoromethane



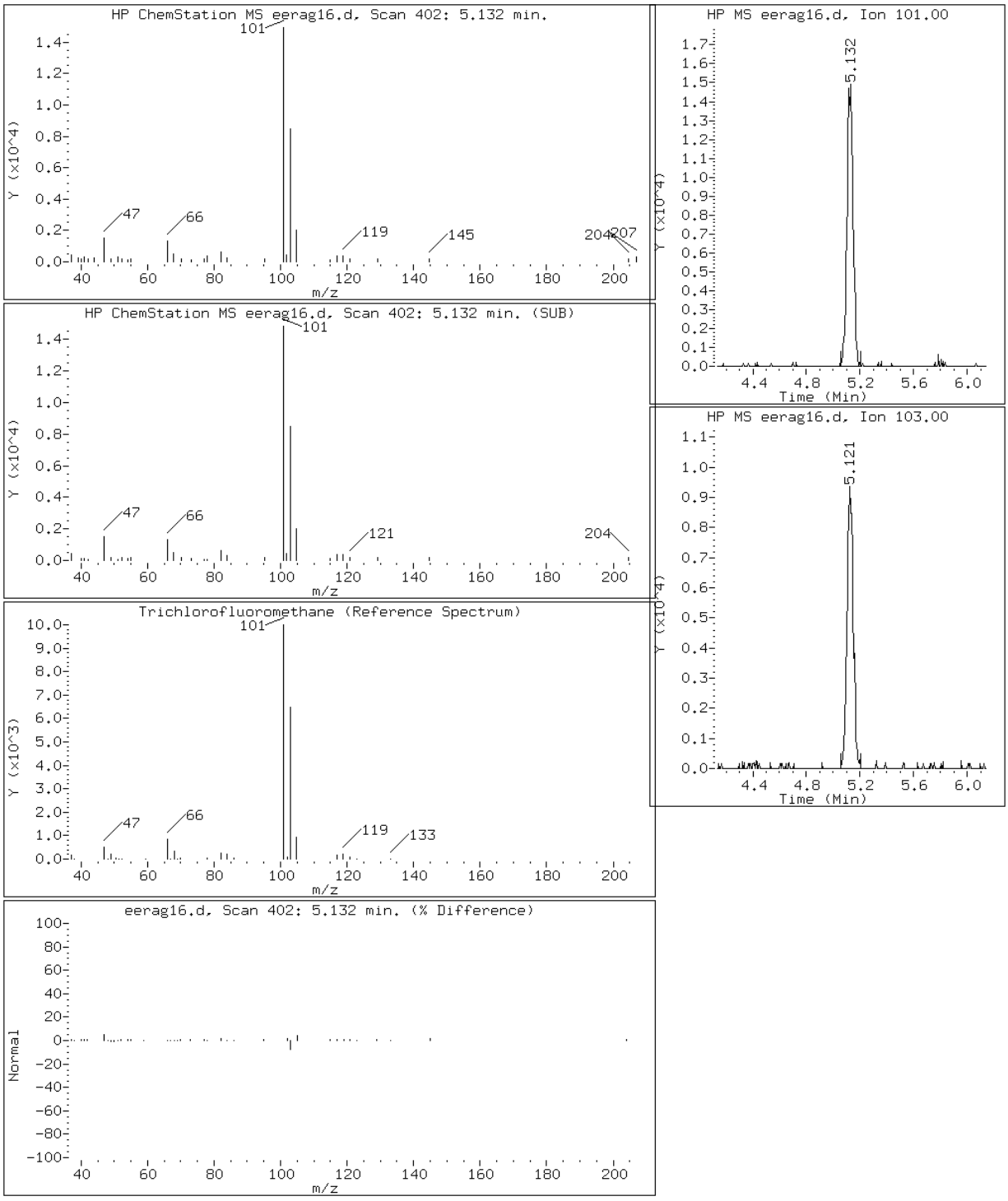
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

13 Trichlorofluoromethane



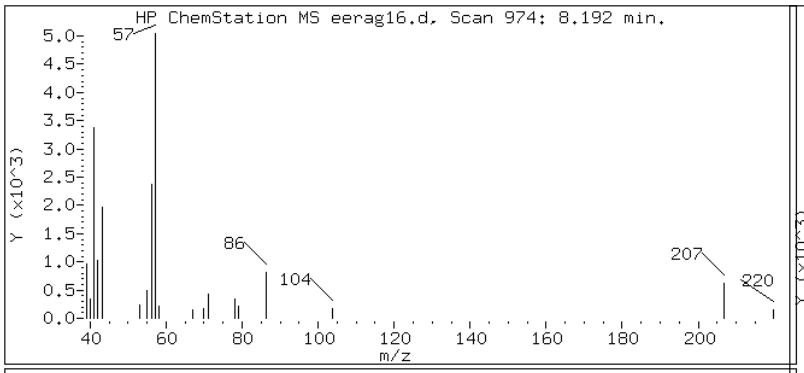
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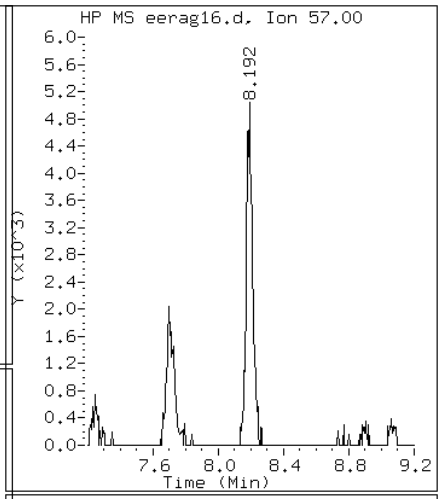
Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

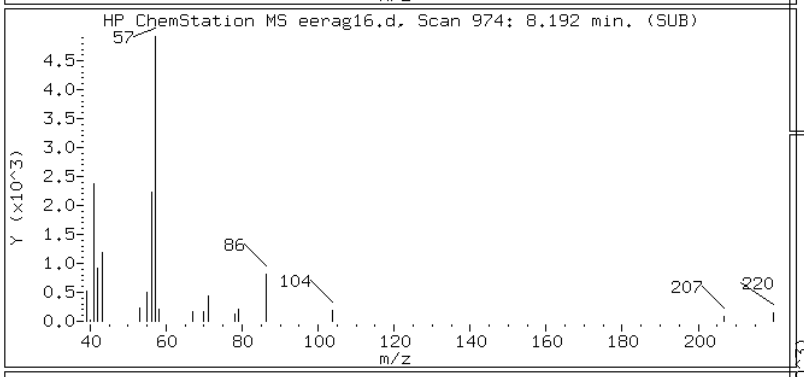
Client ID: IA-031512-CM-30 Instrument: E.i

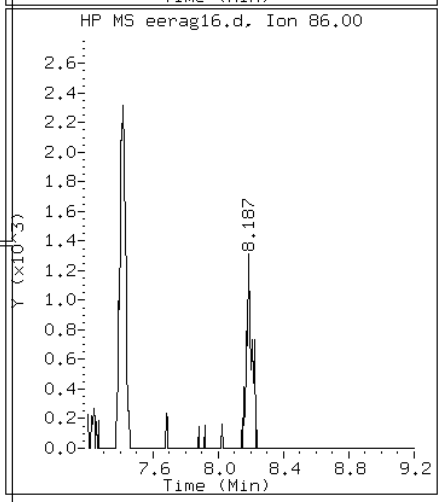
Sample Info: 200-9901-A-2 Operator: wrd

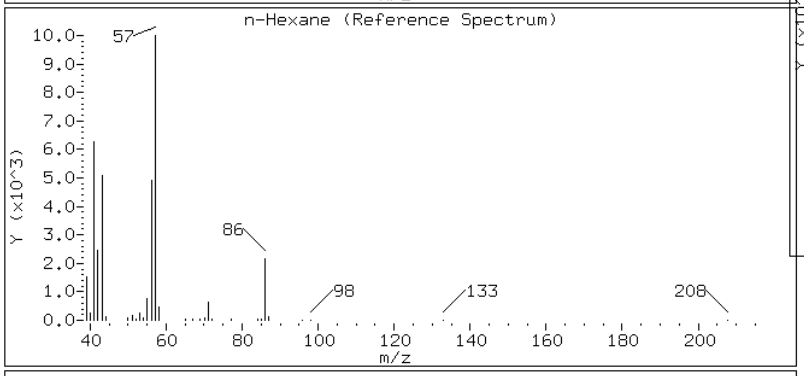
30 n-Hexane

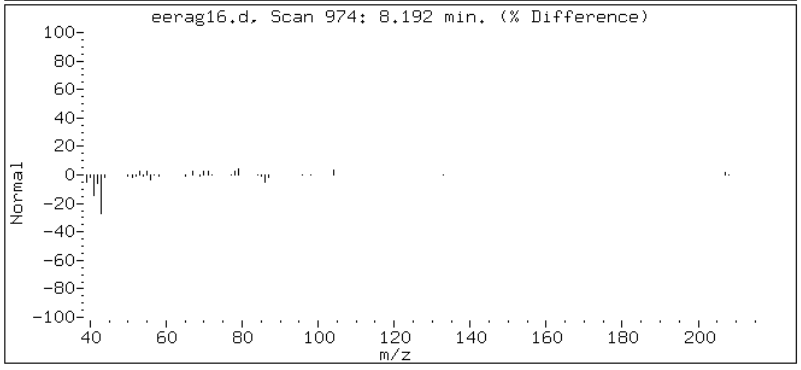












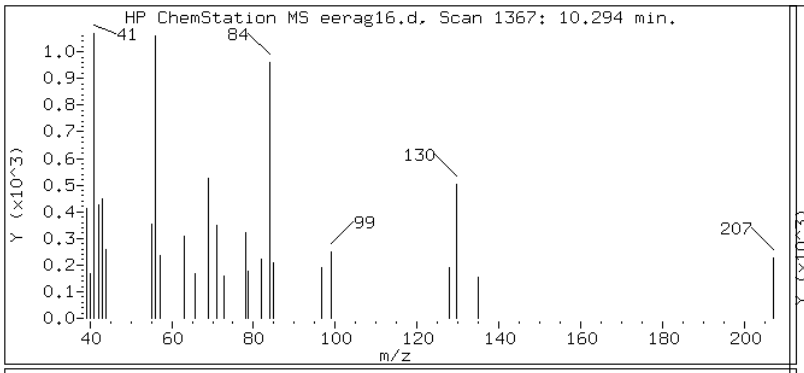
Data File: eerag16.d

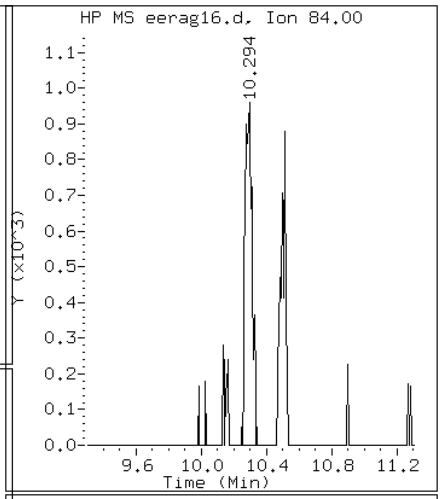
Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

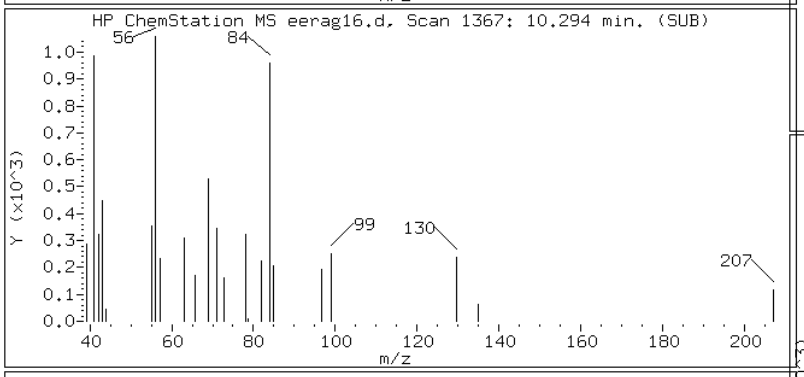
Client ID: IA-031512-CM-30 Instrument: E.i

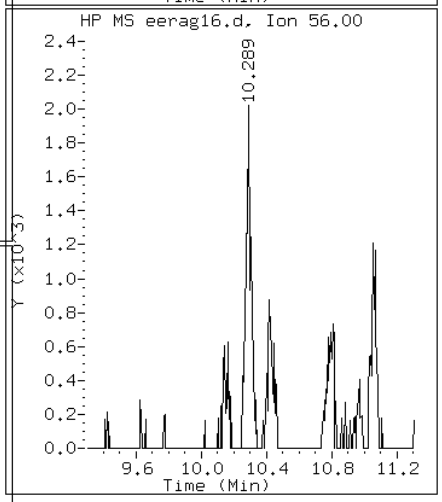
Sample Info: 200-9901-A-2 Operator: wrd

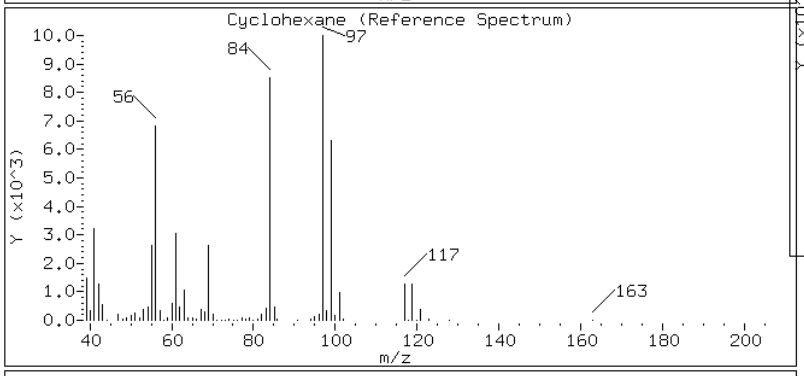
40 Cyclohexane

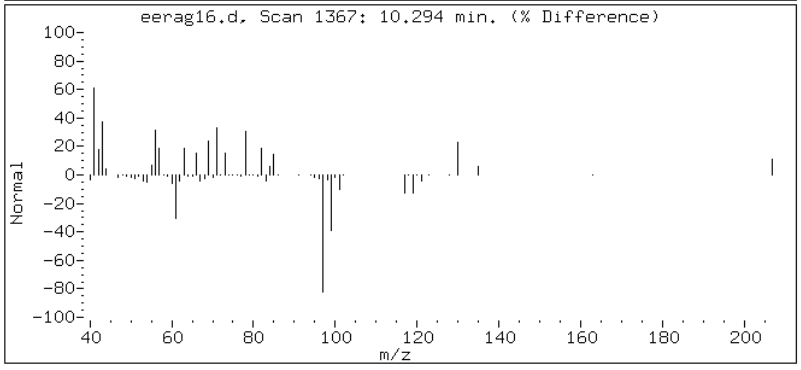












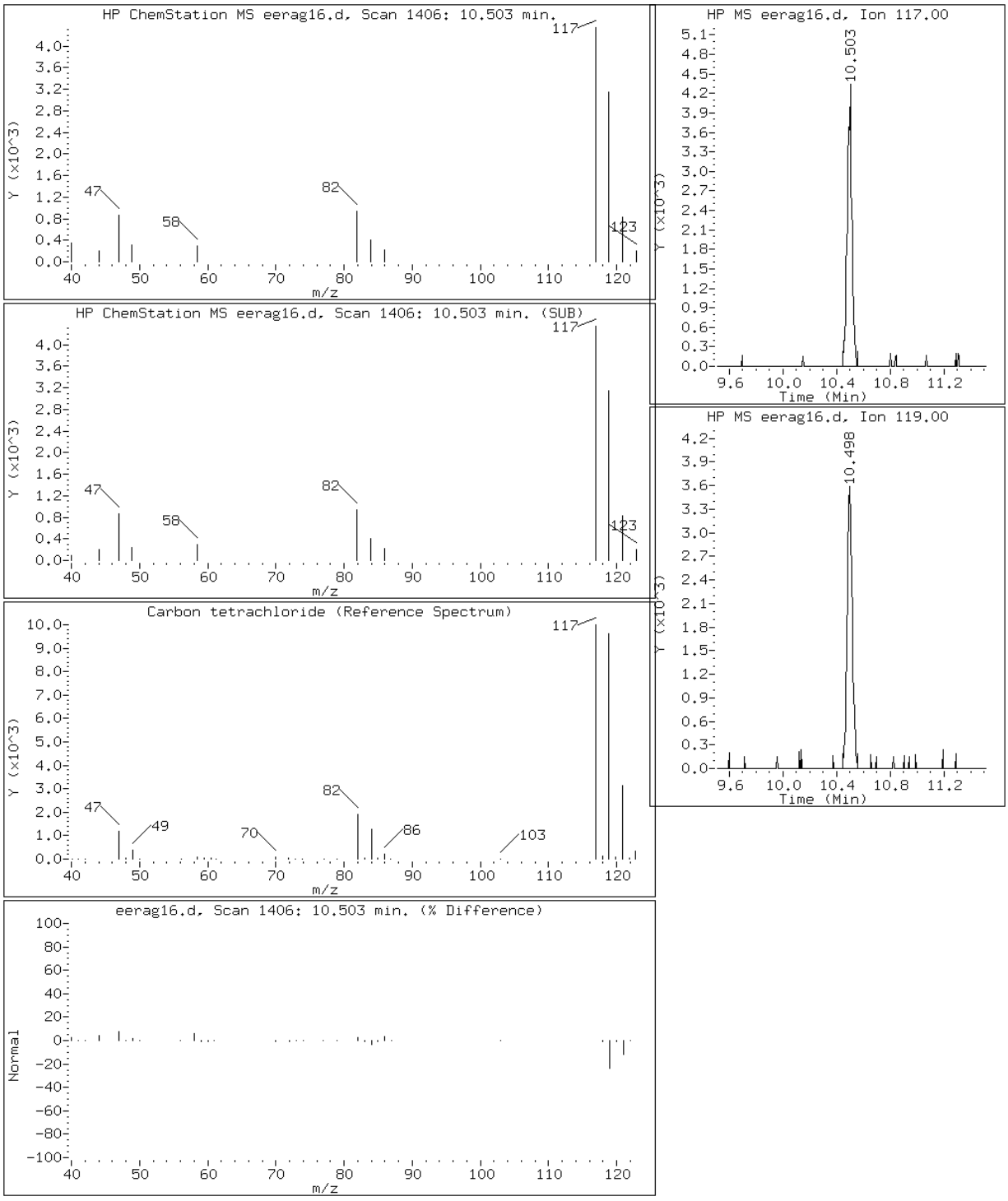
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

42 Carbon tetrachloride



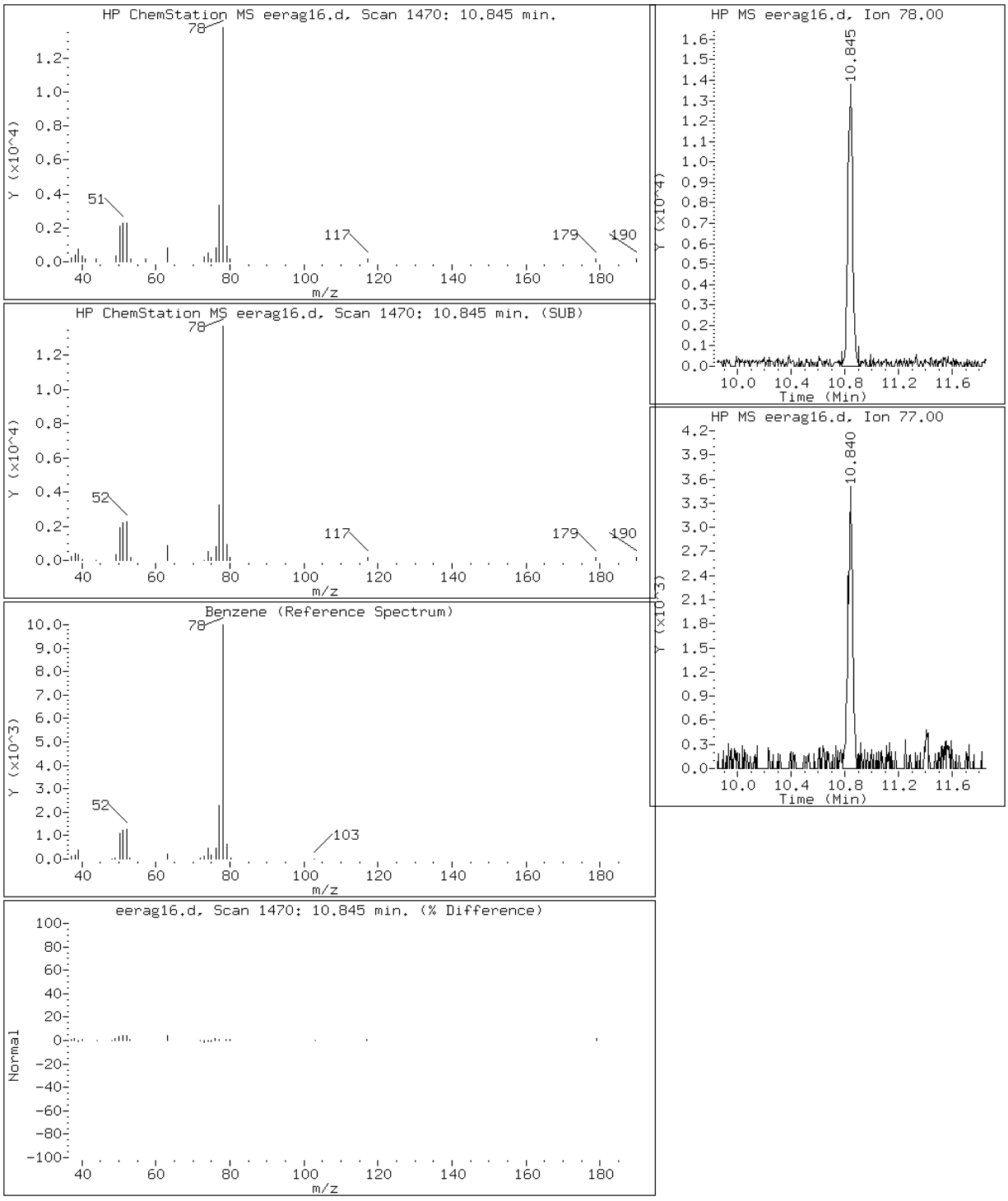
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

44 Benzene



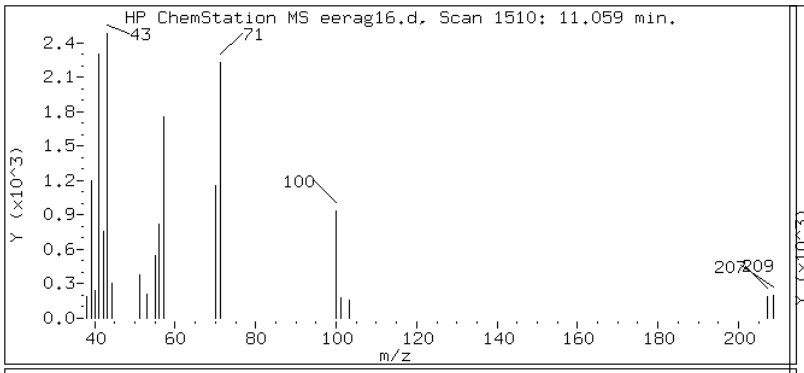
Data File: eerag16.d

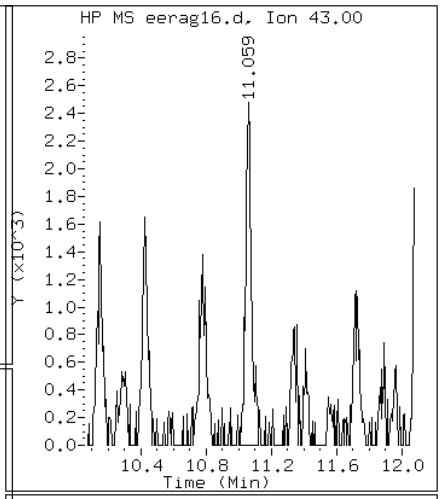
Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

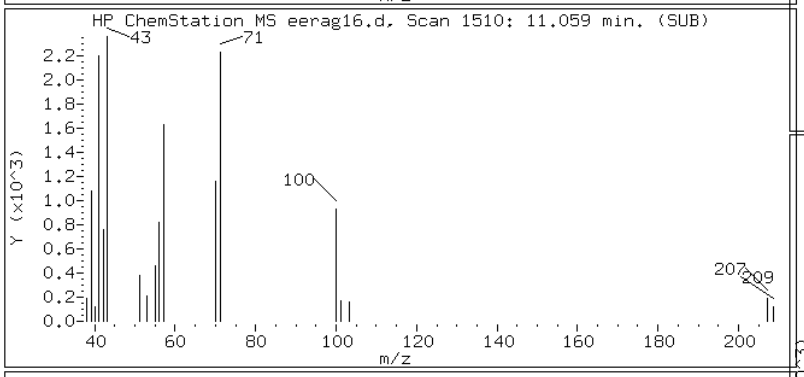
Client ID: IA-031512-CM-30 Instrument: E.i

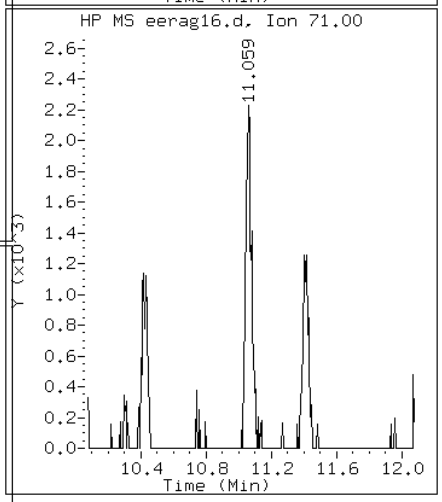
Sample Info: 200-9901-A-2 Operator: wrd

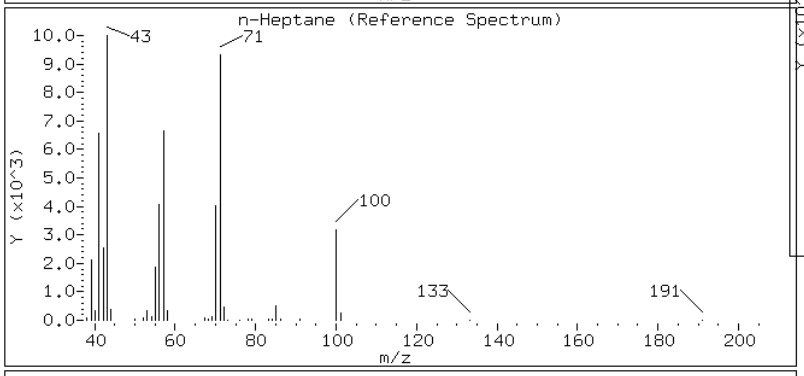
46 n-Heptane

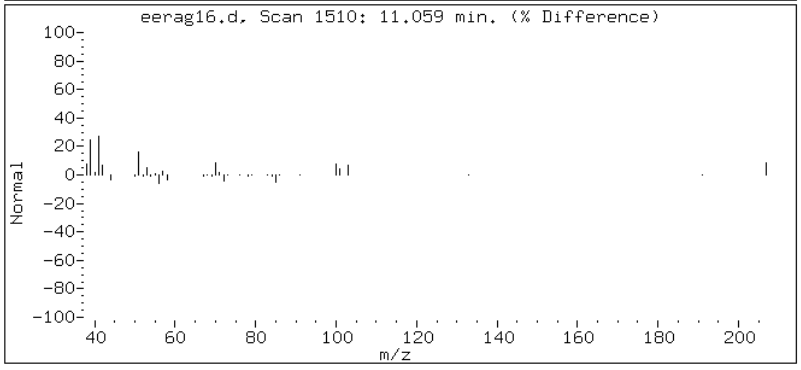












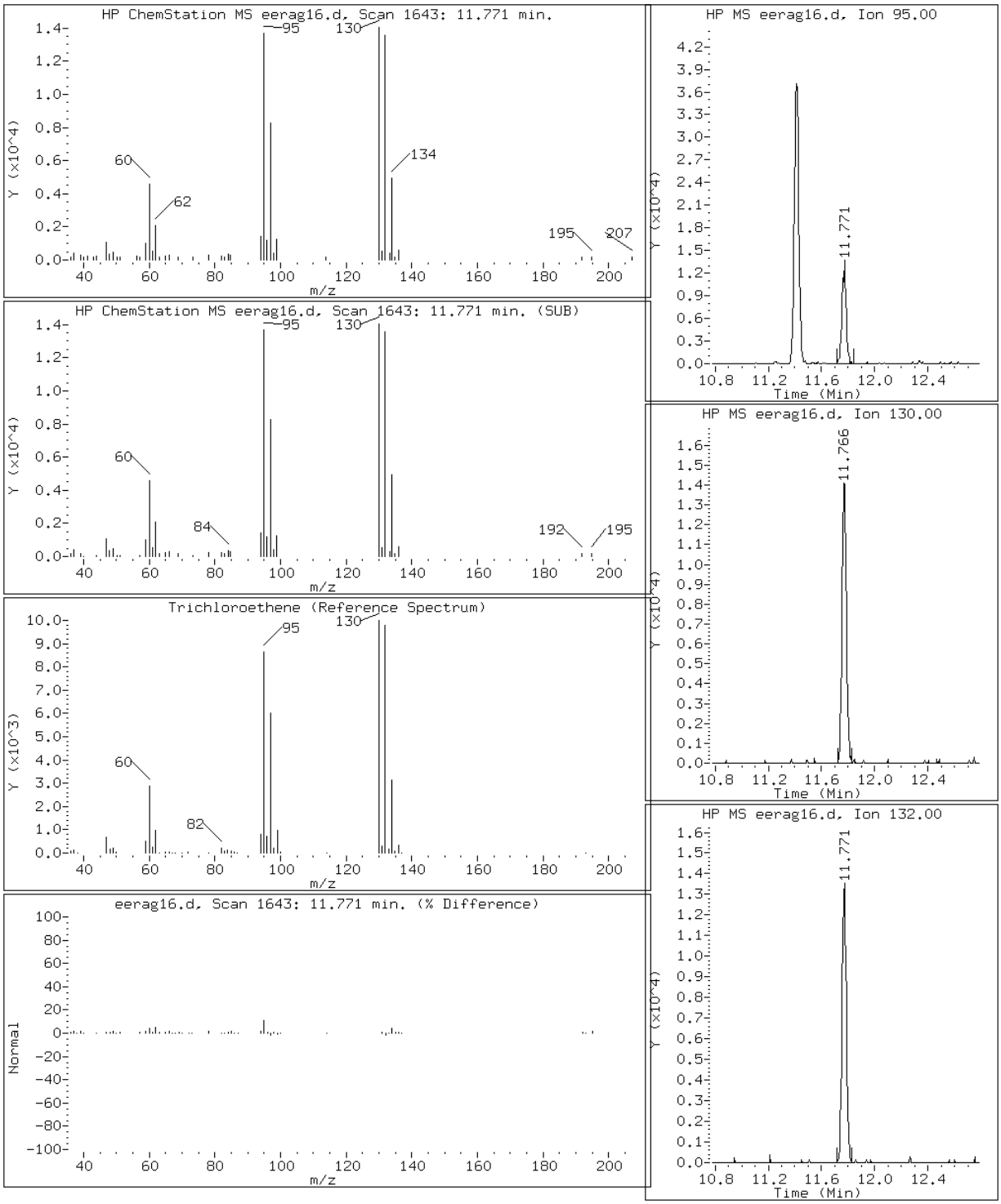
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

49 Trichloroethene



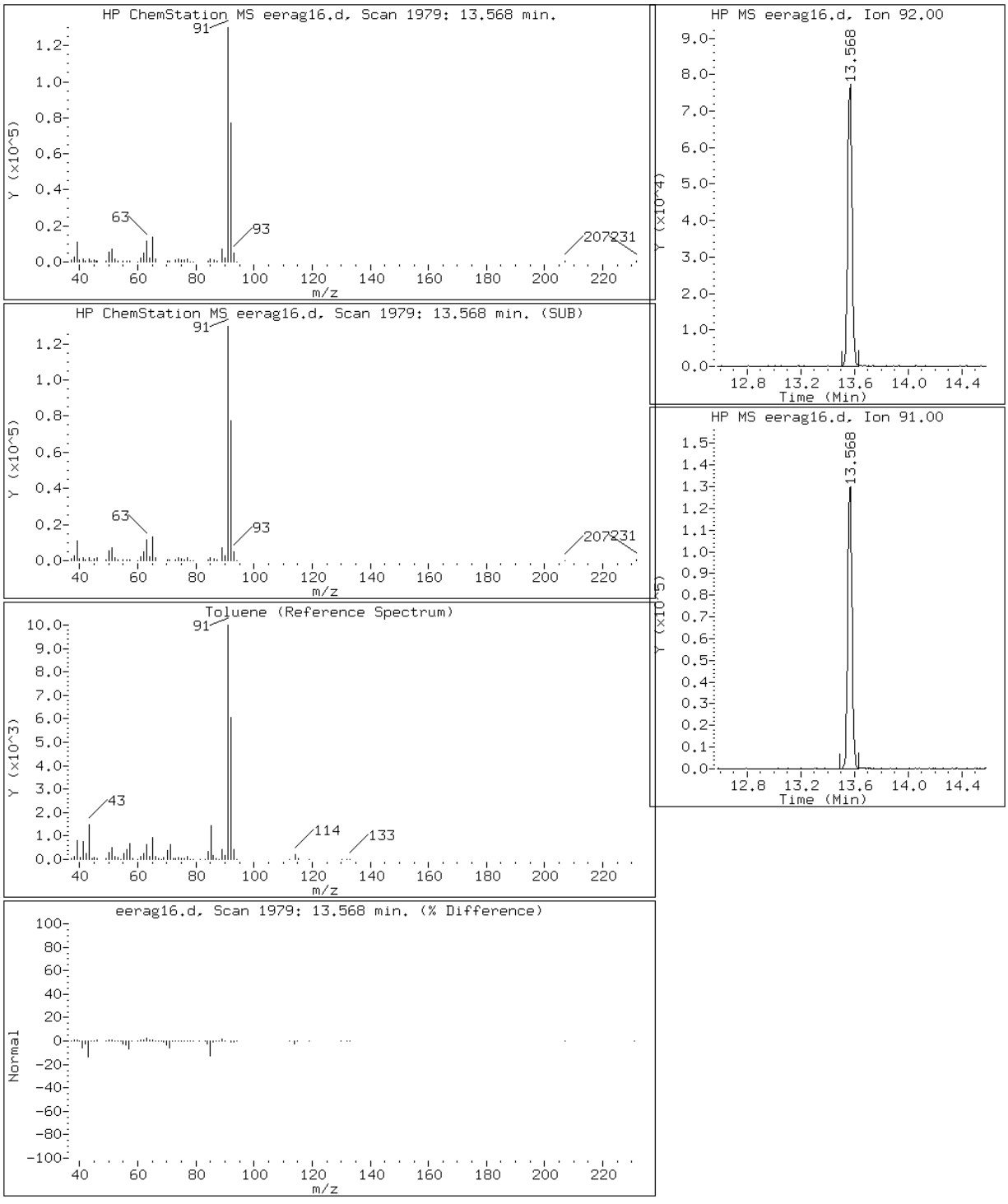
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

58 Toluene



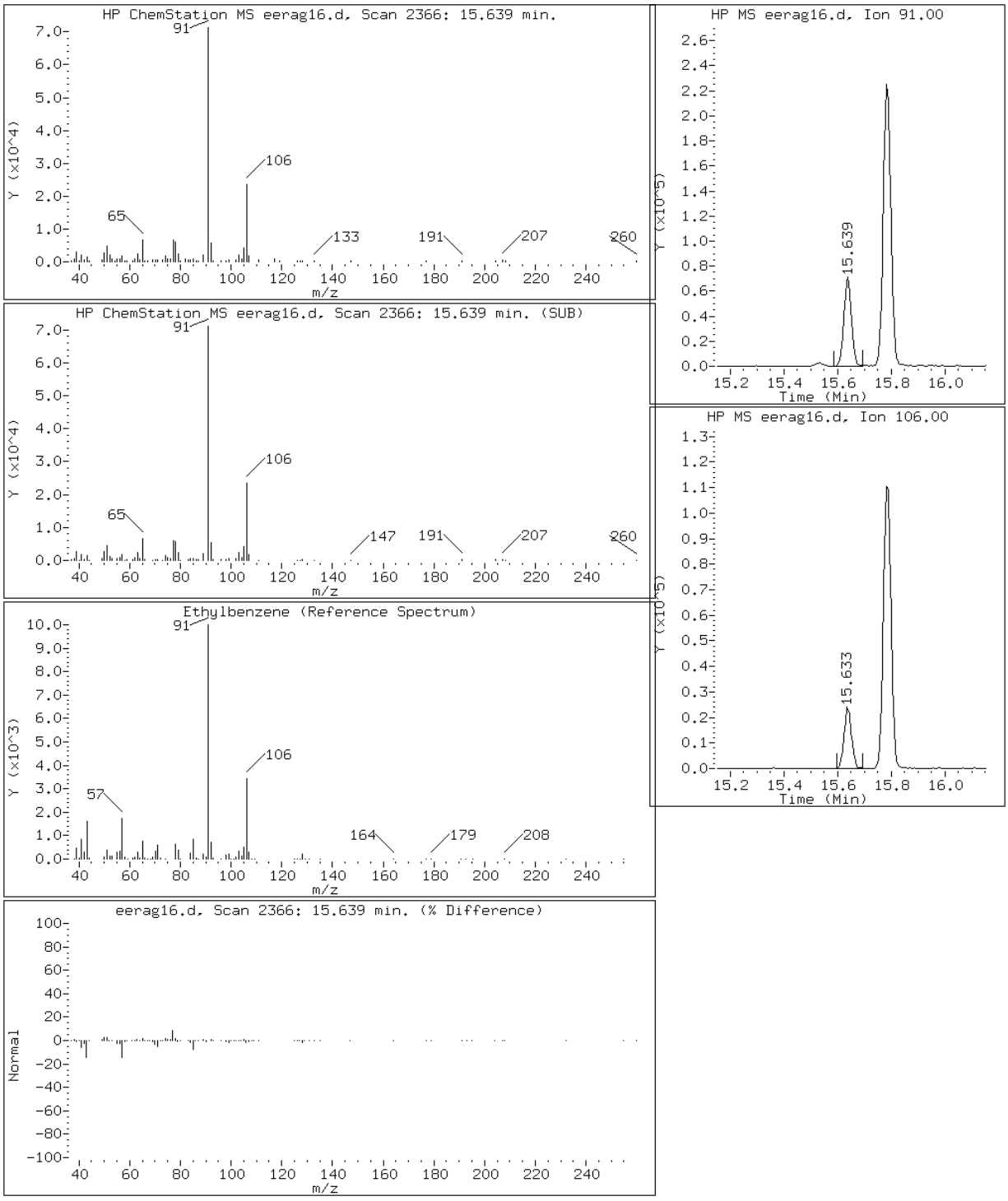
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

67 Ethylbenzene



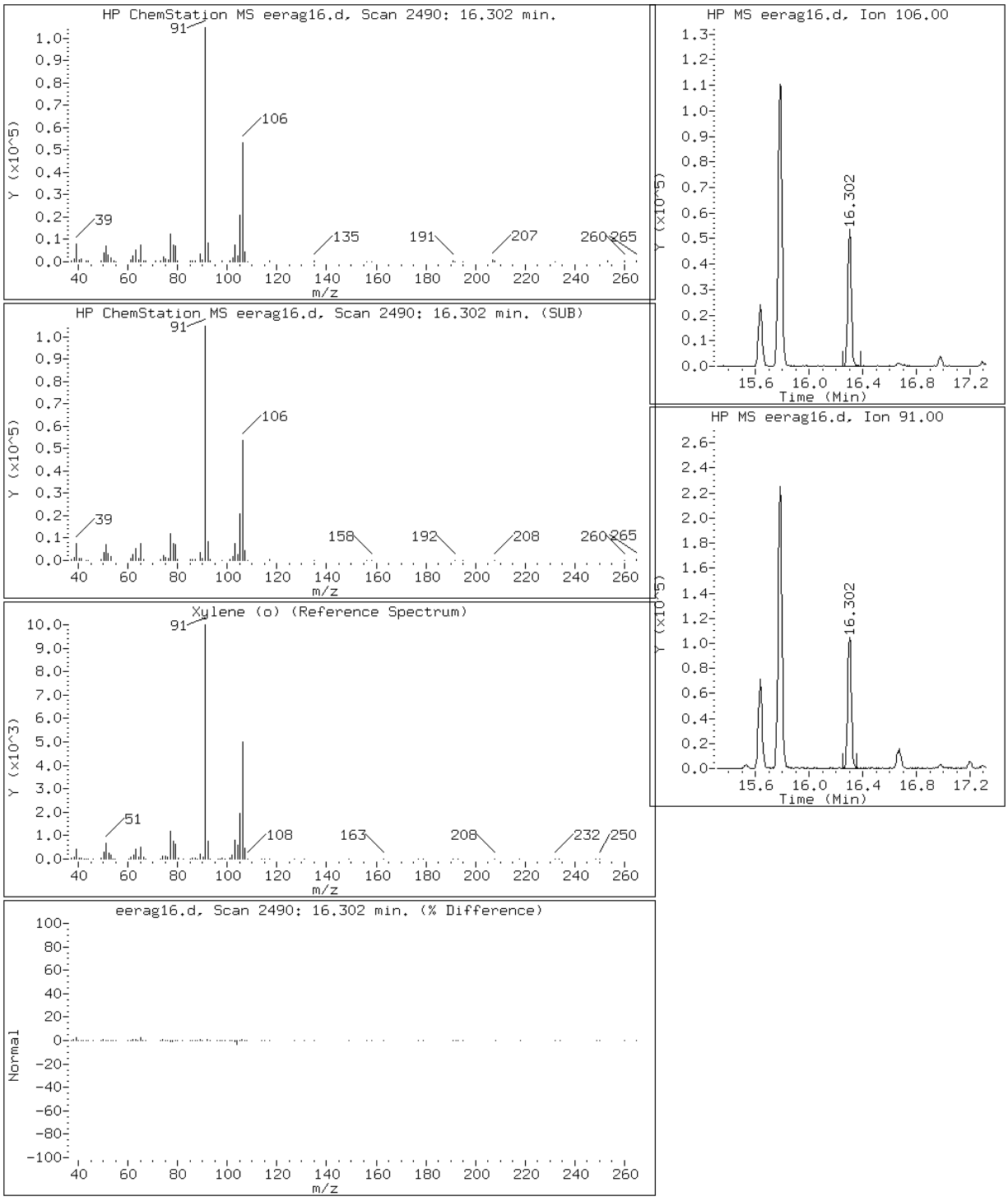
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

71 Xylene (o)



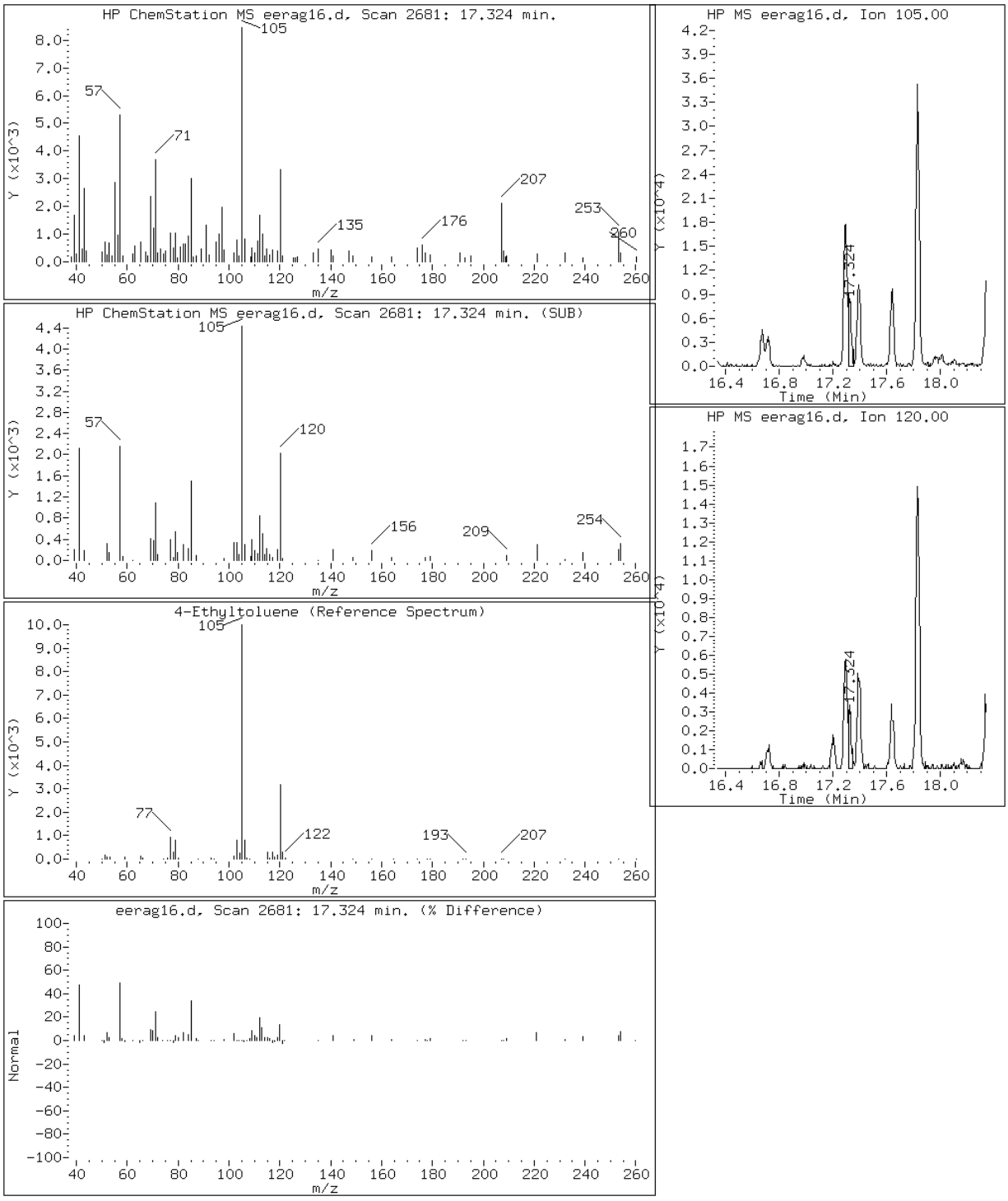
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

79 4-Ethyltoluene



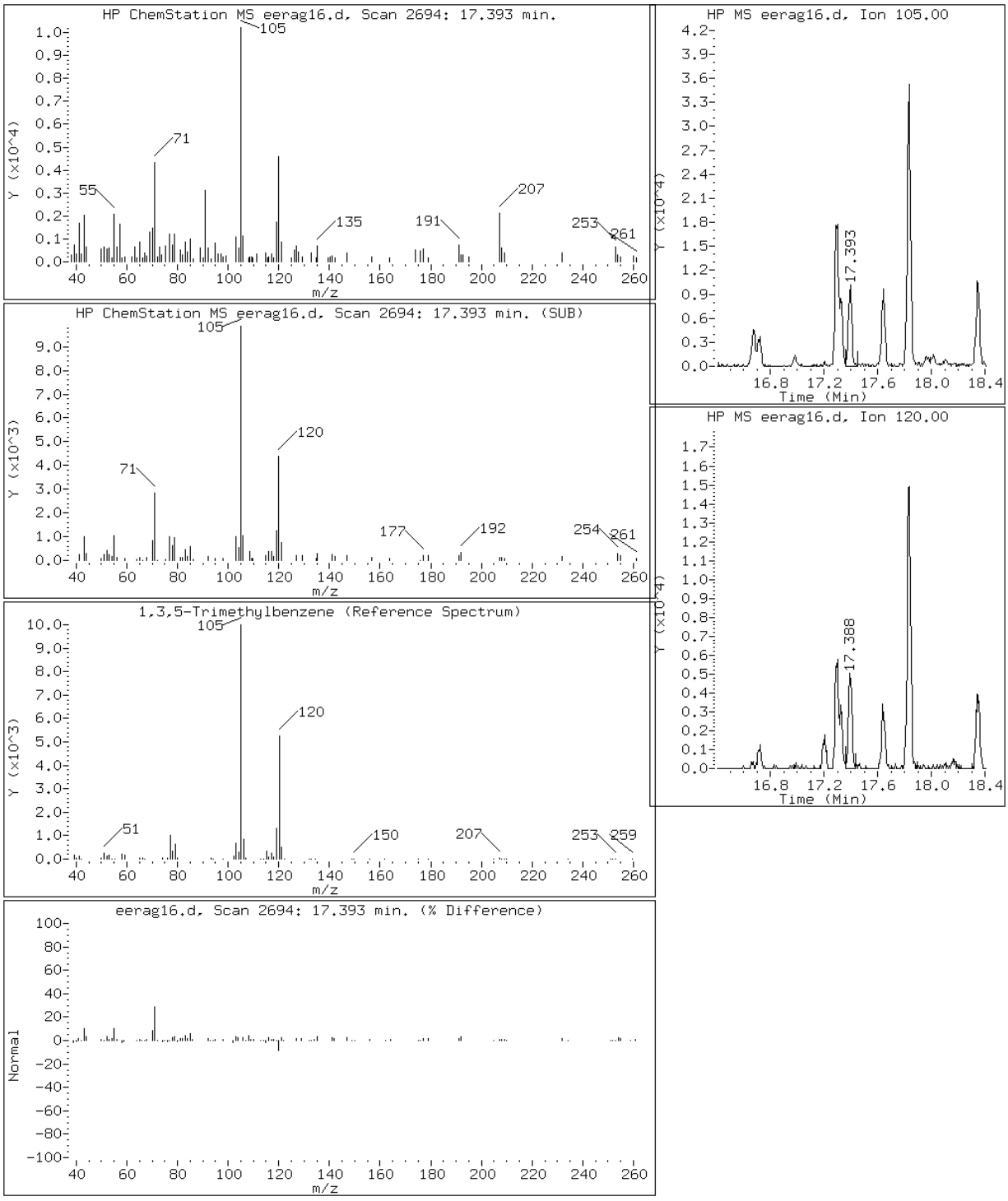
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

81 1,3,5-Trimethylbenzene



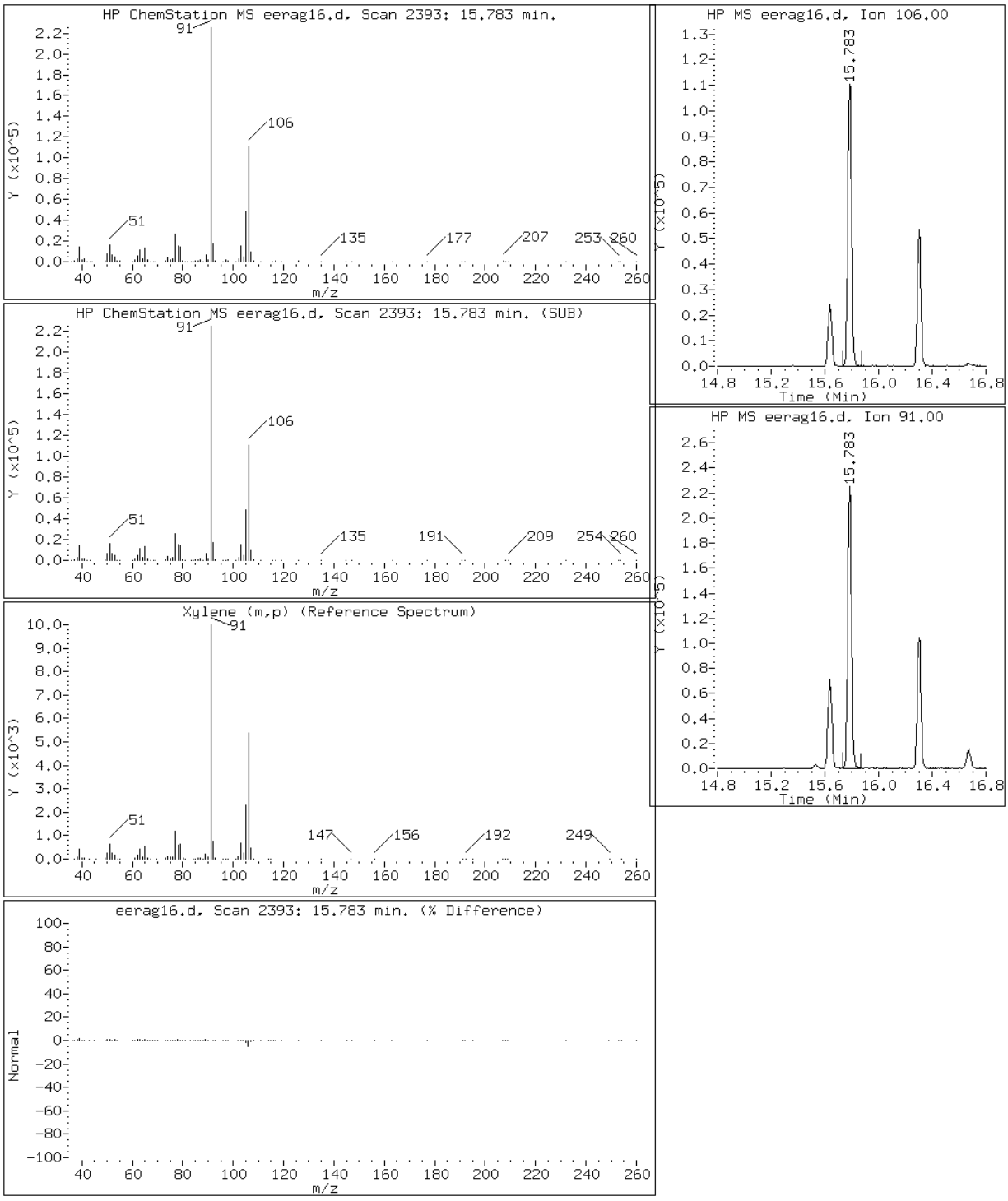
Data File: eerag16.d

Lab Sample ID: 200-9901-2 Date: 27-MAR-2012 01:42

Client ID: IA-031512-CM-30 Instrument: E.i

Sample Info: 200-9901-A-2 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: eerag16.d
Lab Sample ID: 200-9901-2
Inj. Date and Time: 27-MAR-2012 01:42
Instrument ID: E.i
Client ID: IA-031512-CM-30
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

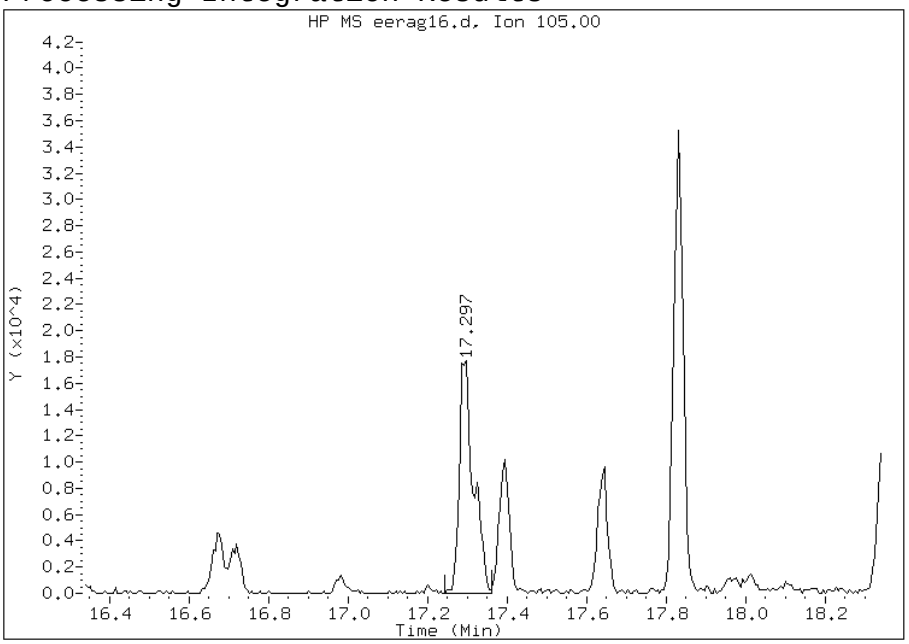
Processing Integration Results

RT: 17.30

Response: 44667

Amount: 0.114166

Conc: 0.456665



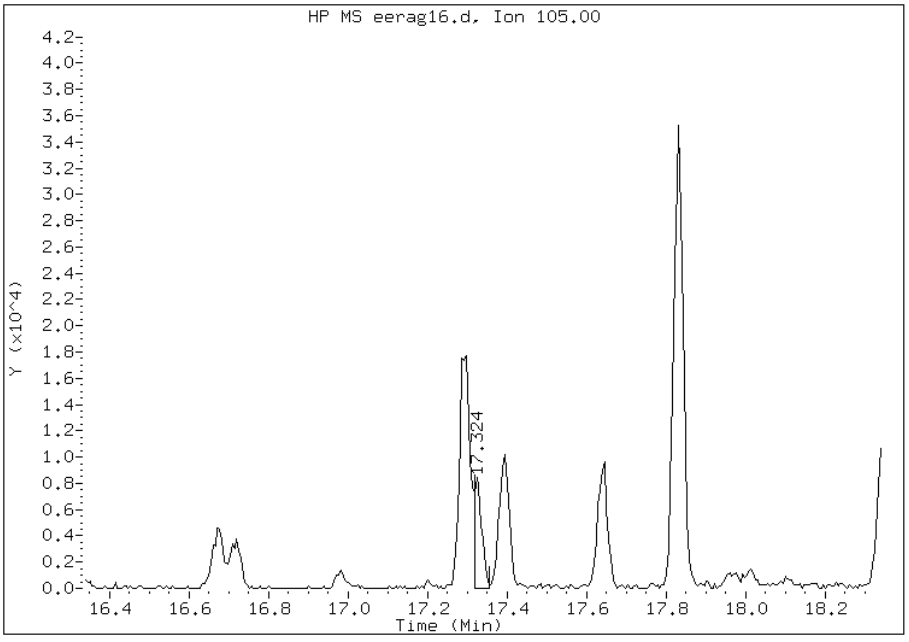
Manual Integration Results

RT: 17.32

Response: 11014

Amount: 0.028151

Conc: 0.112605



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-31 Lab Sample ID: 200-9901-3

Matrix: Air Lab File ID: eerag17.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:40

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 02:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.72		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.60		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.15		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.068		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.13		0.040	0.040
71-43-2	Benzene	78.11	0.33		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.22		0.040	0.040
79-01-6	Trichloroethene	131.39	0.17		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.7		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.23		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-31 Lab Sample ID: 200-9901-3

Matrix: Air Lab File ID: eerag17.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:40

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 02:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.31		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.085		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.080	U	0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.88		0.040	0.040
1330-20-7	Xylenes, Total	106.17	1.2		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-31 Lab Sample ID: 200-9901-3

Matrix: Air Lab File ID: eerag17.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:40

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 02:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	4.0		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	2.1		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.51		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.43		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.62		0.19	0.19
71-43-2	Benzene	78.11	1.0		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.92		0.16	0.16
79-01-6	Trichloroethene	131.39	0.90		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	6.3		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	1.0		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-31 Lab Sample ID: 200-9901-3

Matrix: Air Lab File ID: eerag17.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:40

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 02:36

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	1.3		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.42		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.39	U	0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	3.8		0.17	0.17
1330-20-7	Xylenes, Total	106.17	5.2		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-3
Client Smp ID: IA-031512-CM-31
Inj Date : 27-MAR-2012 02:36
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-3
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 1
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

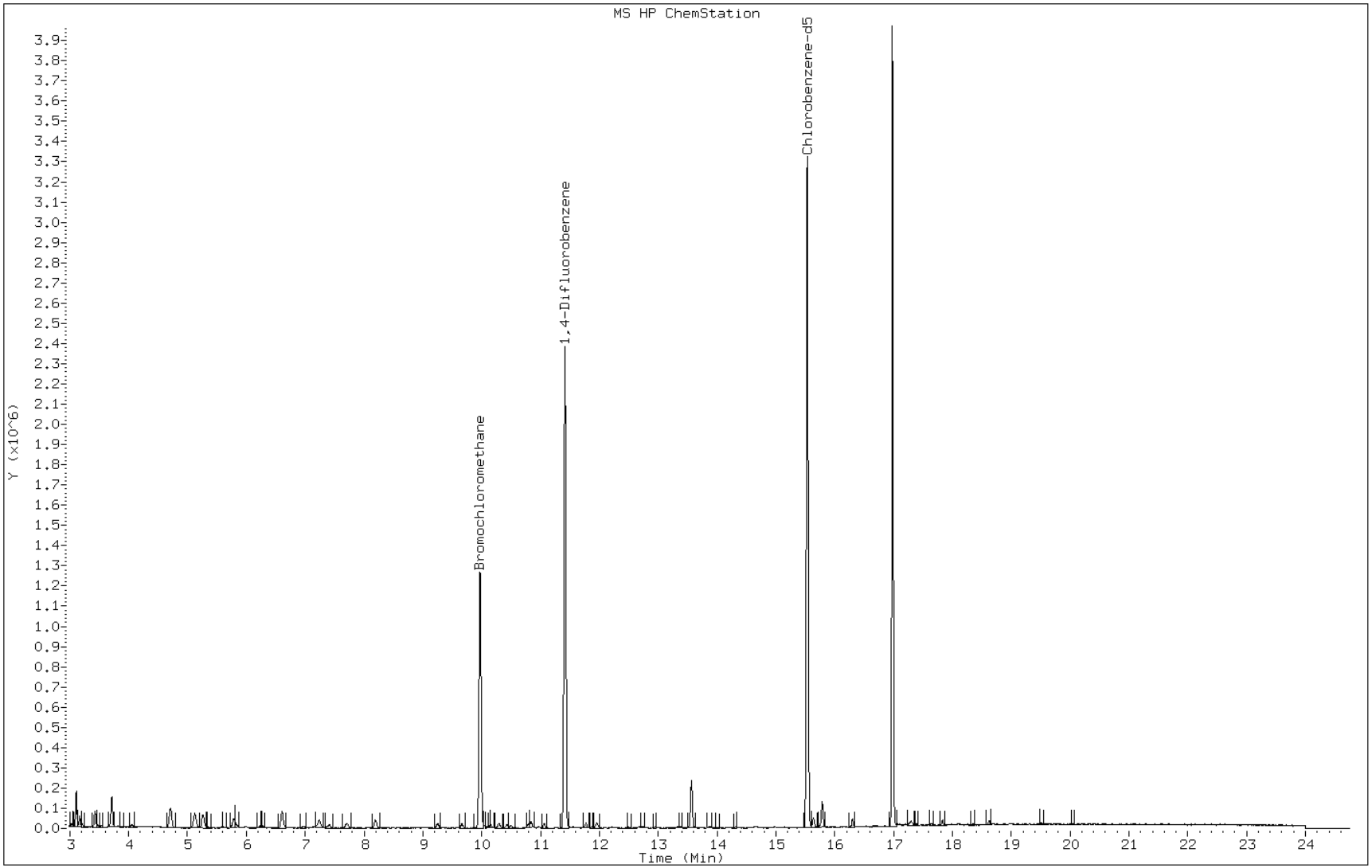
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	47429	0.12616	0.50
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.121	5.138	(0.513)	99924	0.17991	0.72
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	7053	0.01948	0.078(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.416	7.433	(0.744)	10404	0.07687	0.31(aQ)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.192	8.203	(0.821)	28708	0.15022	0.60
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61				1398	0.00876	0.035(a)
	34 1,2-Dichloroethene (cis)	96	9.588	9.605	(0.961)	1398	0.00876	0.035(a)
*	36 Bromochloromethane	128	9.974	9.990	(1.000)	520839	2.00000	
	39 Chloroform	83	10.054	10.075	(1.008)	1912	0.00505	0.020(a)
	40 Cyclohexane	84	10.295	10.305	(0.902)	8517	0.03730	0.15(Q)
	41 1,1,1-Trichloroethane	97	10.305	10.316	(0.903)	2471	0.00519	0.021(aQ)
	42 Carbon tetrachloride	117	10.503	10.514	(0.920)	9401	0.01702	0.068
	43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.946)	19159	0.03324	0.13
	44 Benzene	78	10.846	10.851	(0.950)	35392	0.08216	0.33
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.060	11.076	(0.969)	9848	0.05588	0.22
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	2542958	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	9959	0.04185	0.17
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.569	13.579	(0.874)	126213	0.42105	1.7
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.323	14.344	(0.922)	3187	0.00800	0.032(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2415811	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	33067	0.05827	0.23
	69 Xylene (m,p)	106	15.789	15.799	(1.017)	43262	0.22038	0.88
M	70 Xylene, Total	106				57630	0.29697	1.2
	71 Xylene (o)	106	16.313	16.318	(1.050)	14368	0.07659	0.31
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.319	17.340	(1.115)	7752	0.02127	0.085(Q)
	81 1,3,5-Trimethylbenzene	105	17.399	17.404	(1.120)	5508	0.01754	0.070(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	eerag17.d	Date:	27-MAR-2012 02:36
Client ID:	IA-031512-CM-31	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-3		
Lab Sample ID:	200-9901-3		



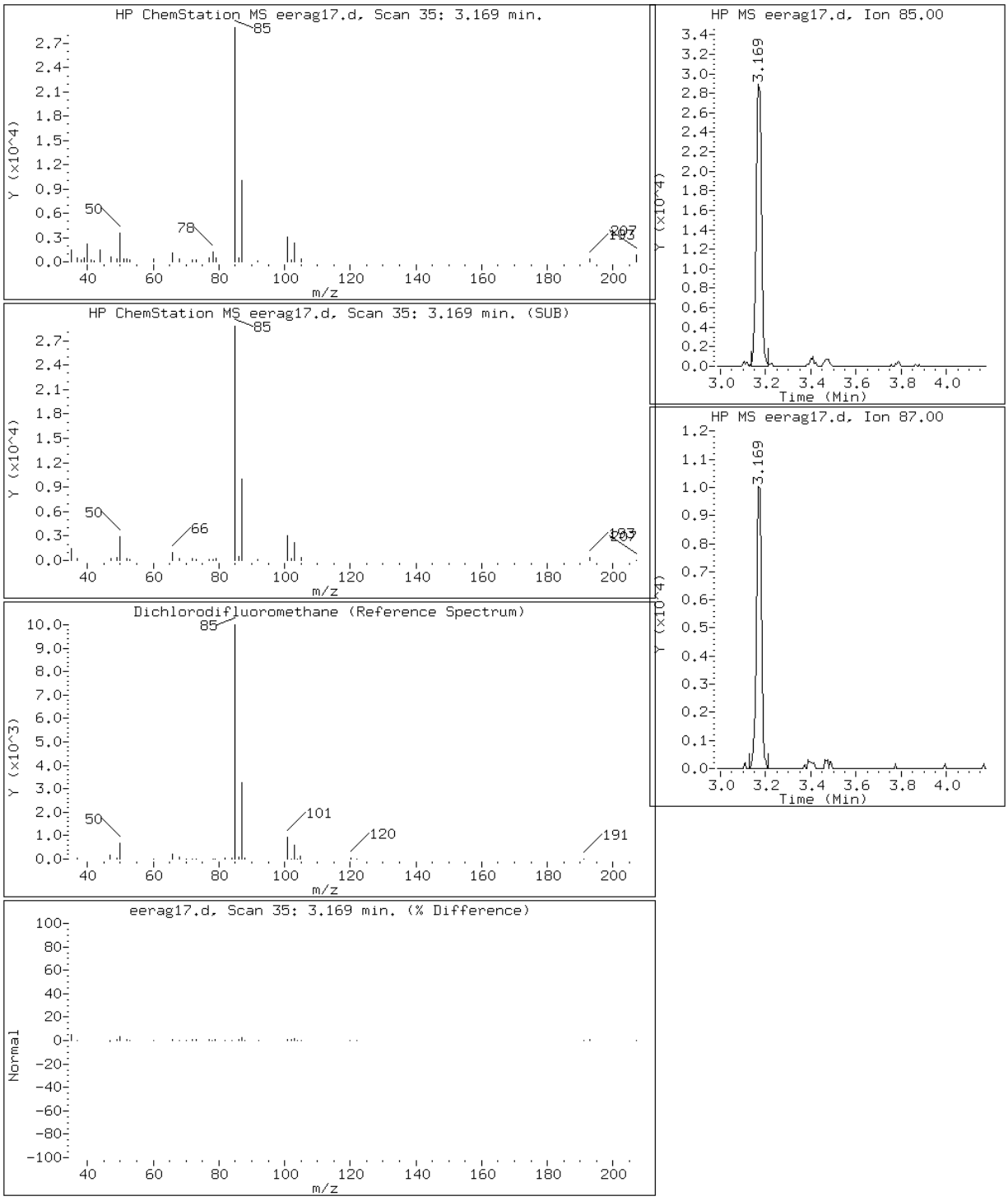
Data File: eerag17.d

Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

2 Dichlorodifluoromethane



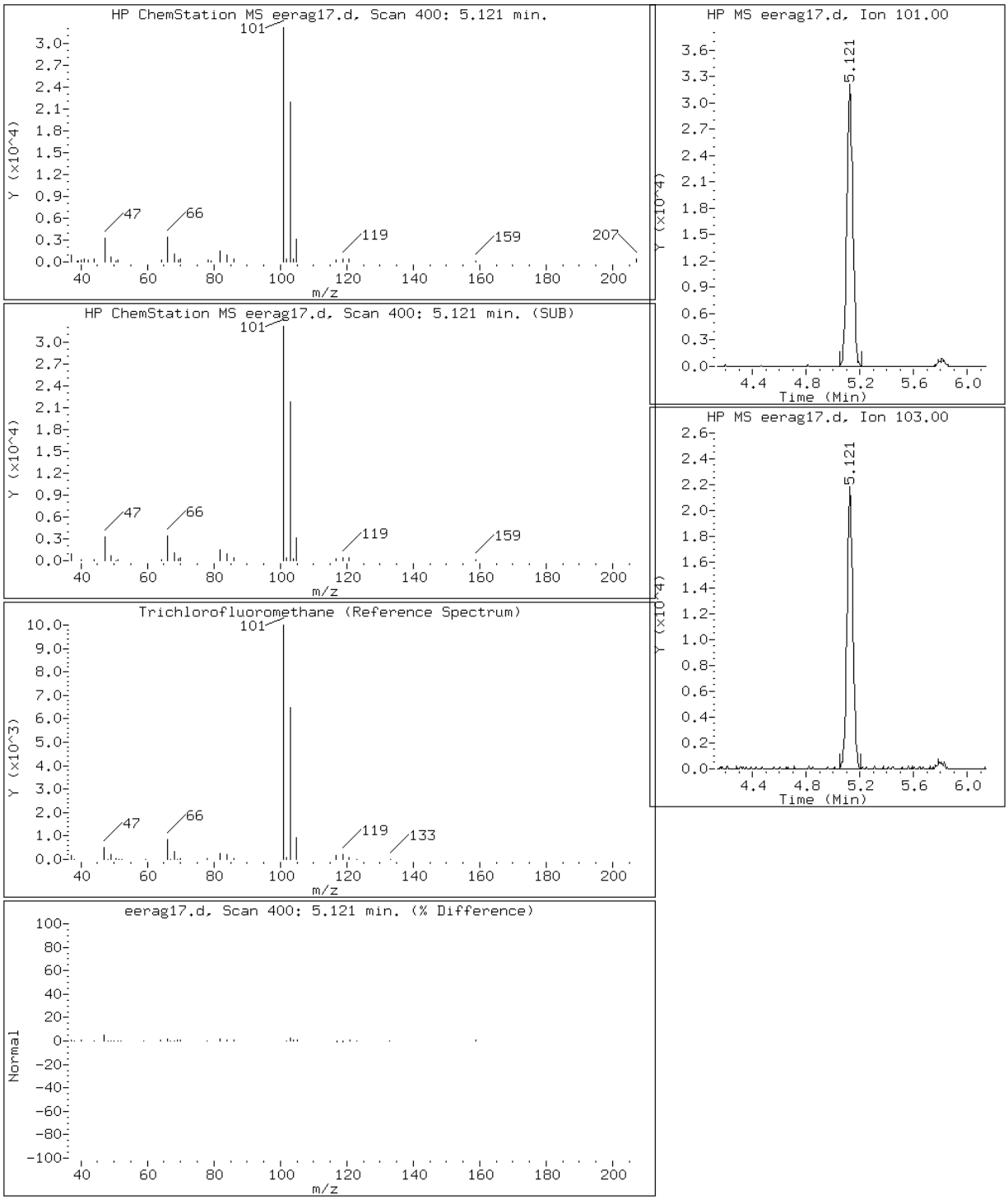
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

13 Trichlorofluoromethane



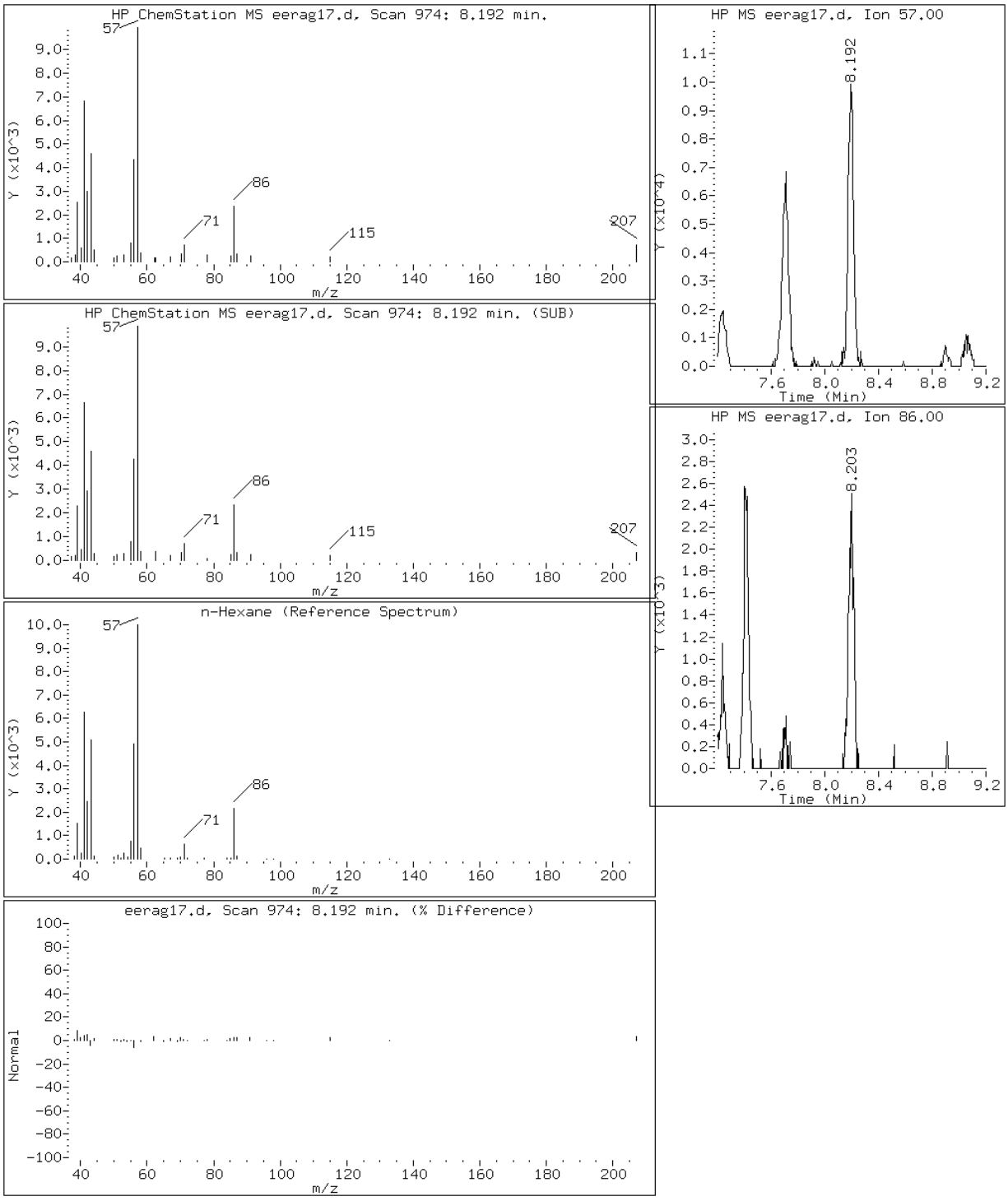
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

30 n-Hexane



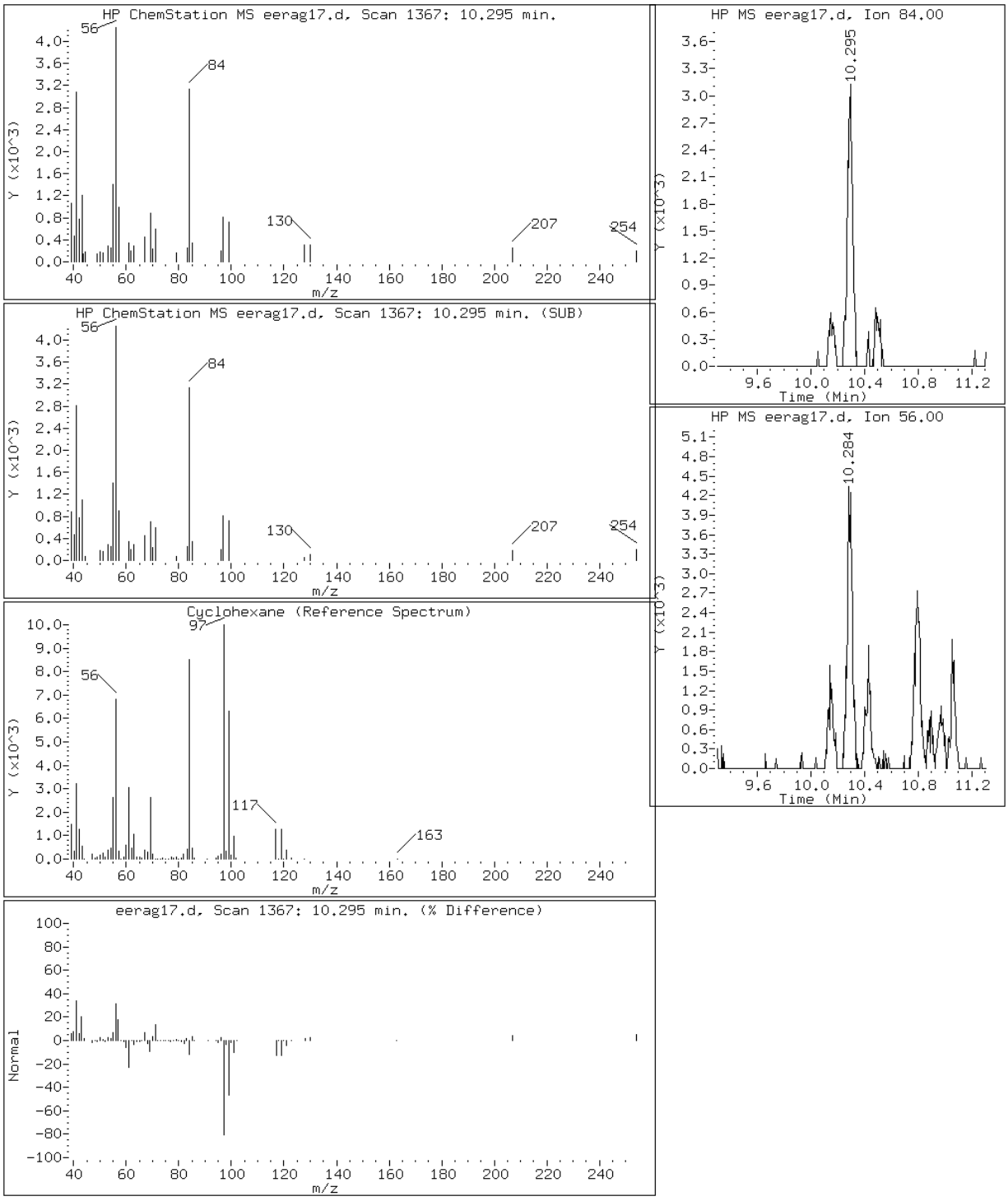
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

40 Cyclohexane



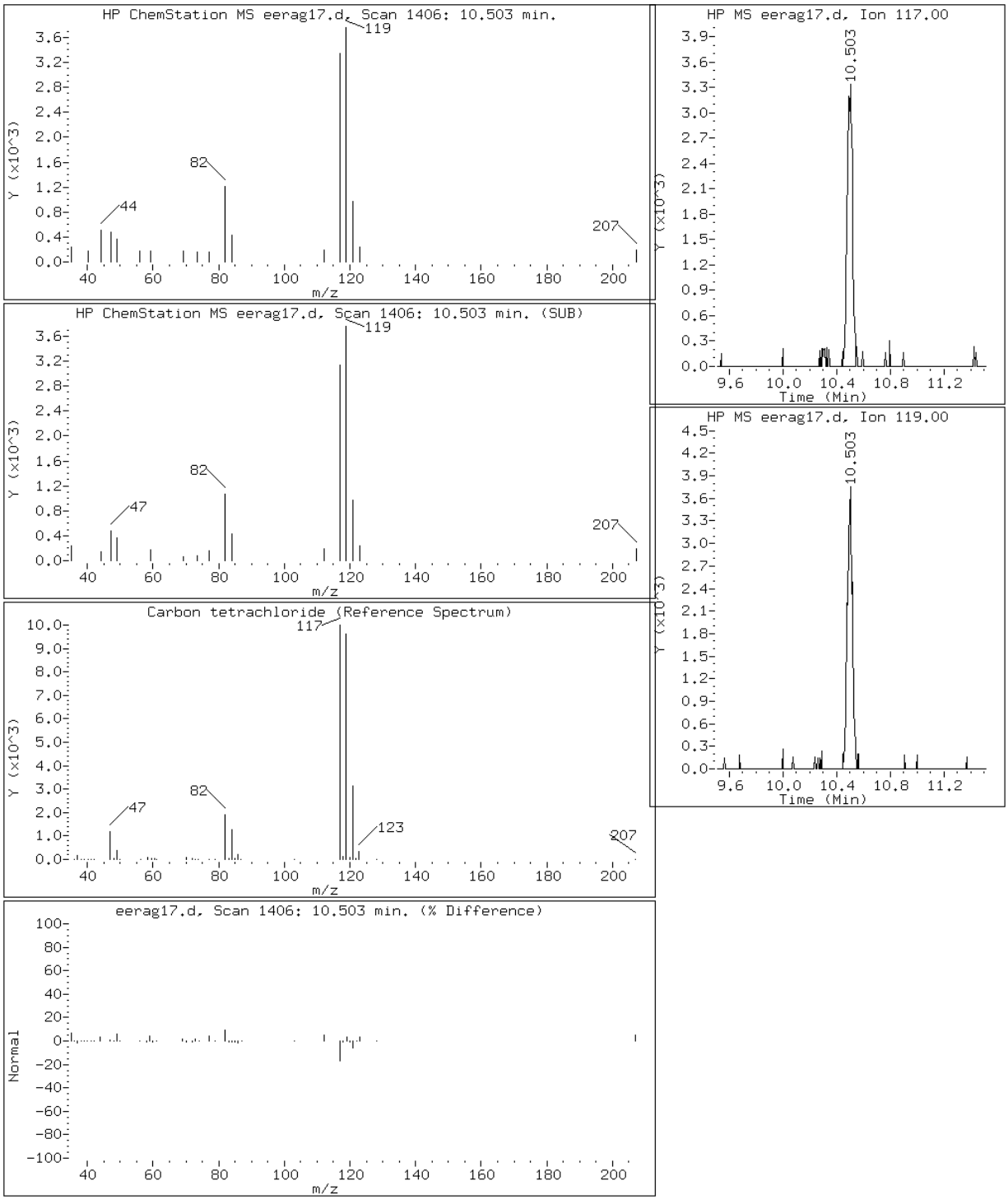
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

42 Carbon tetrachloride



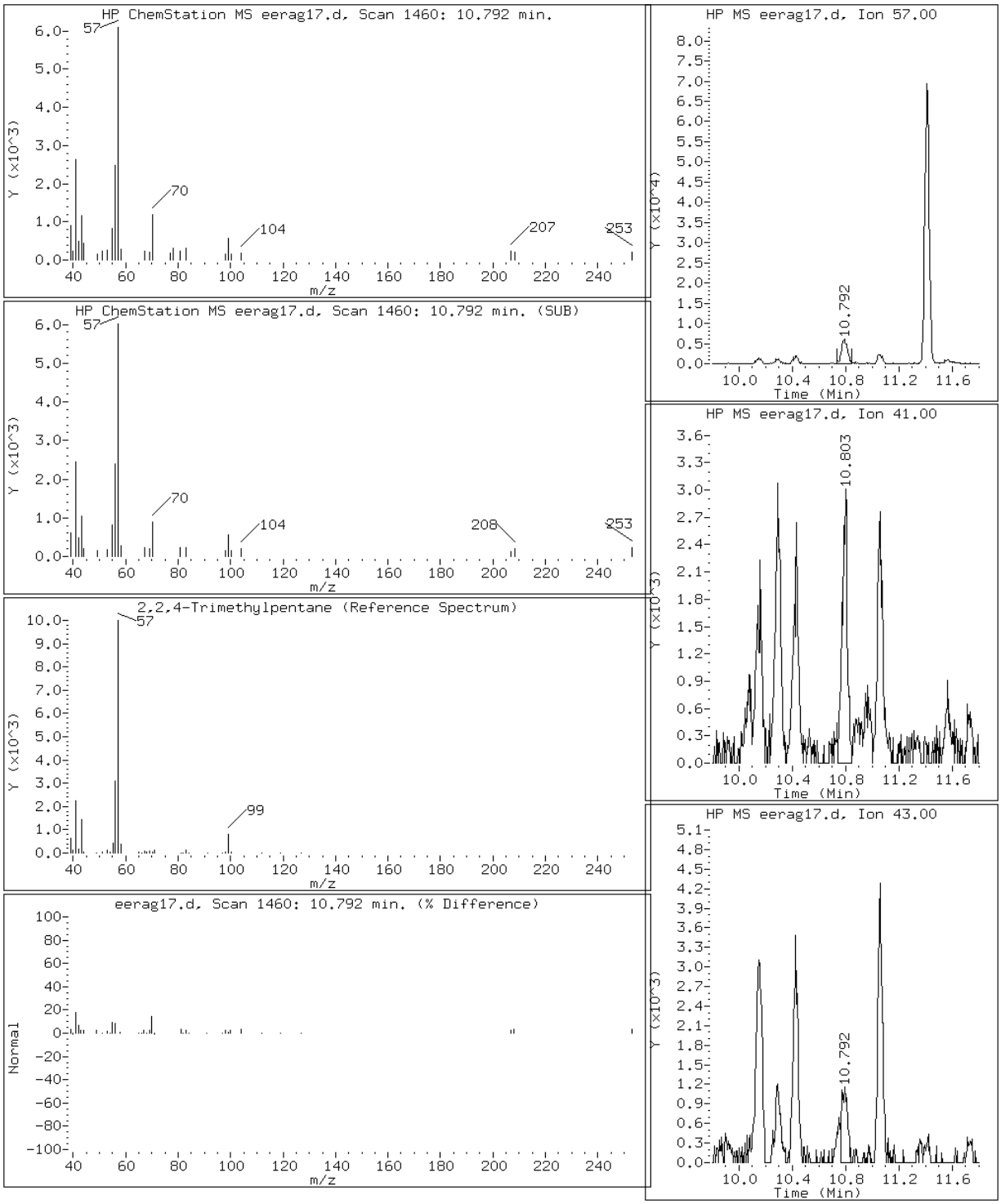
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

43 2,2,4-Trimethylpentane



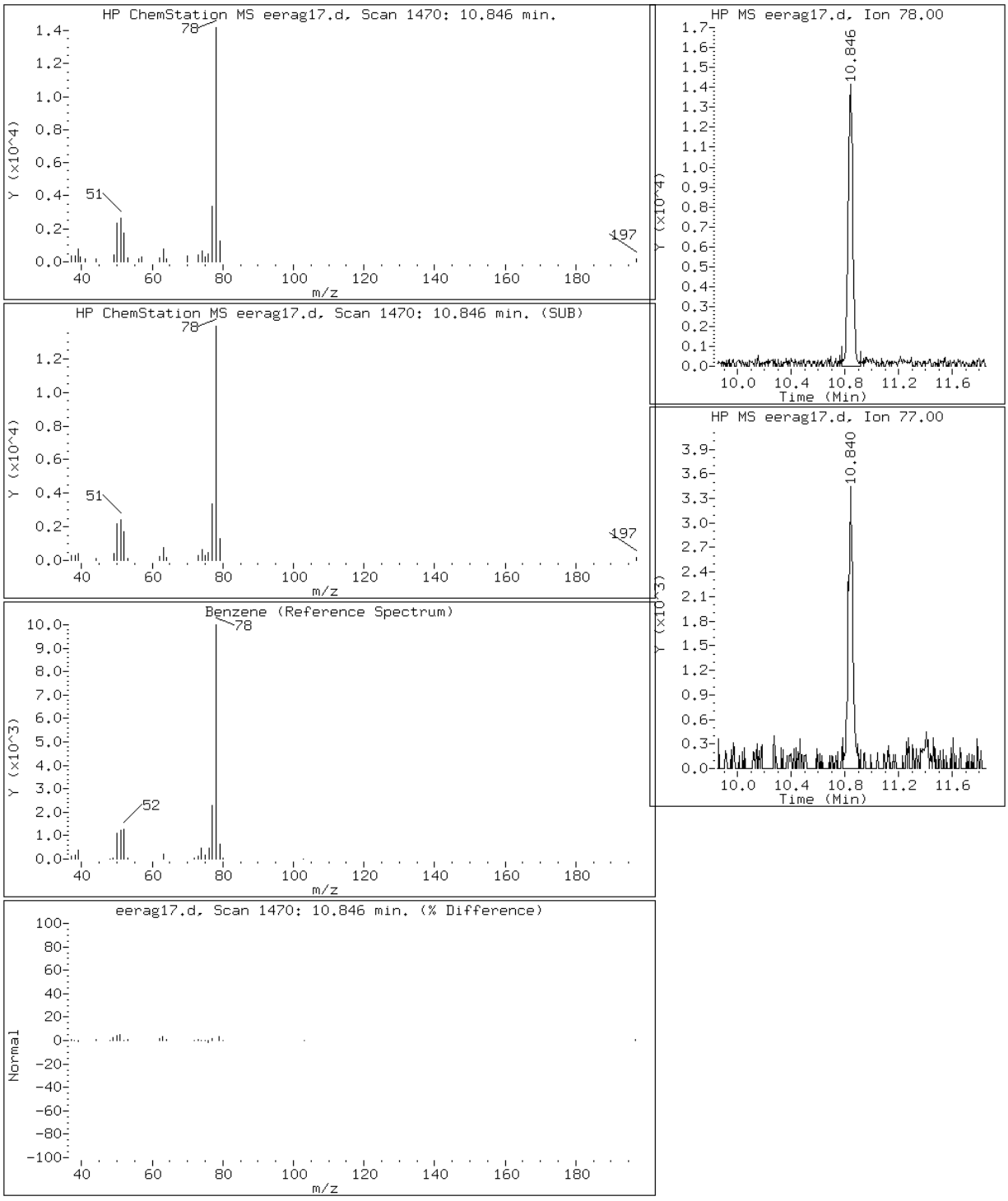
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

44 Benzene



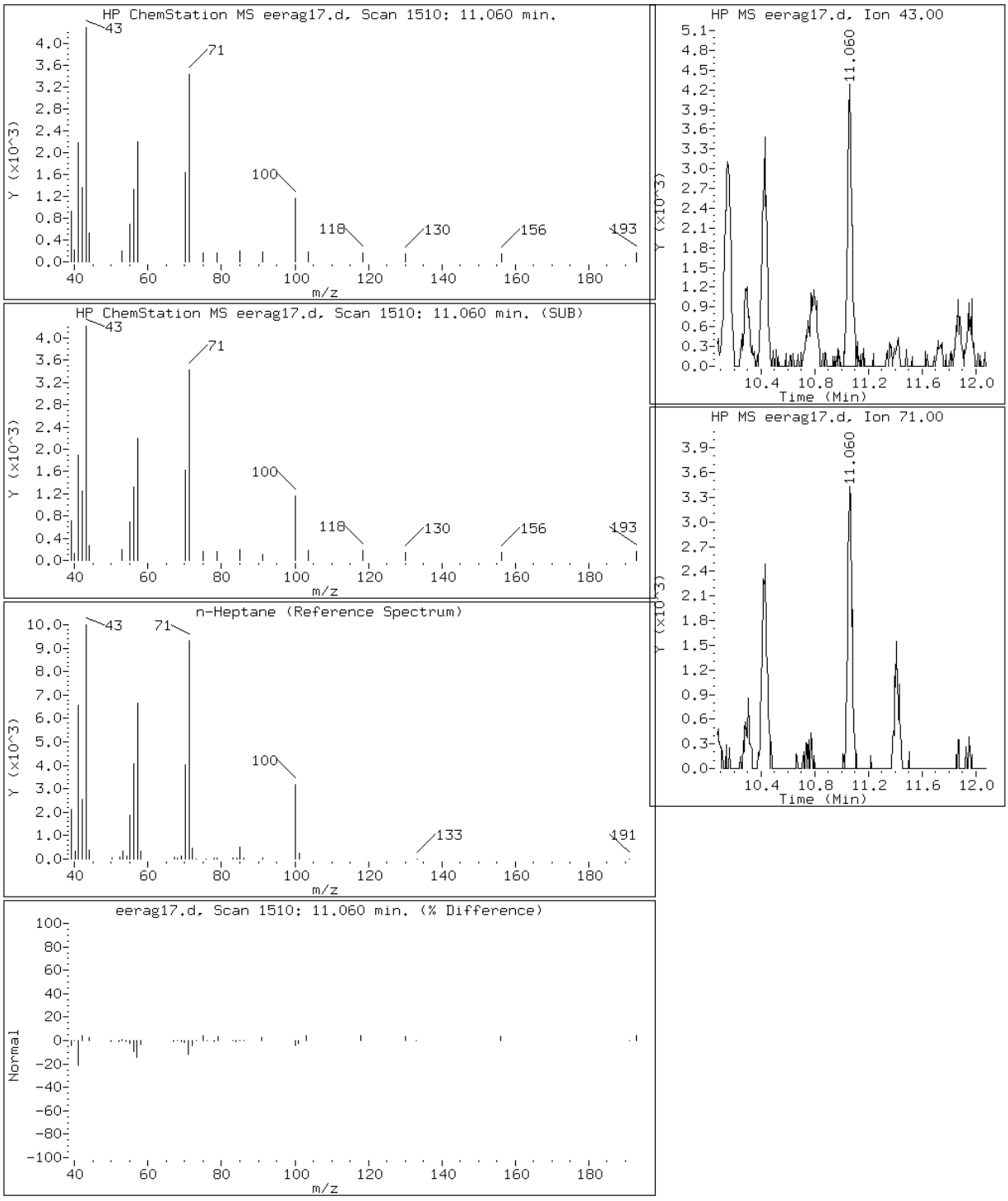
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

46 n-Heptane



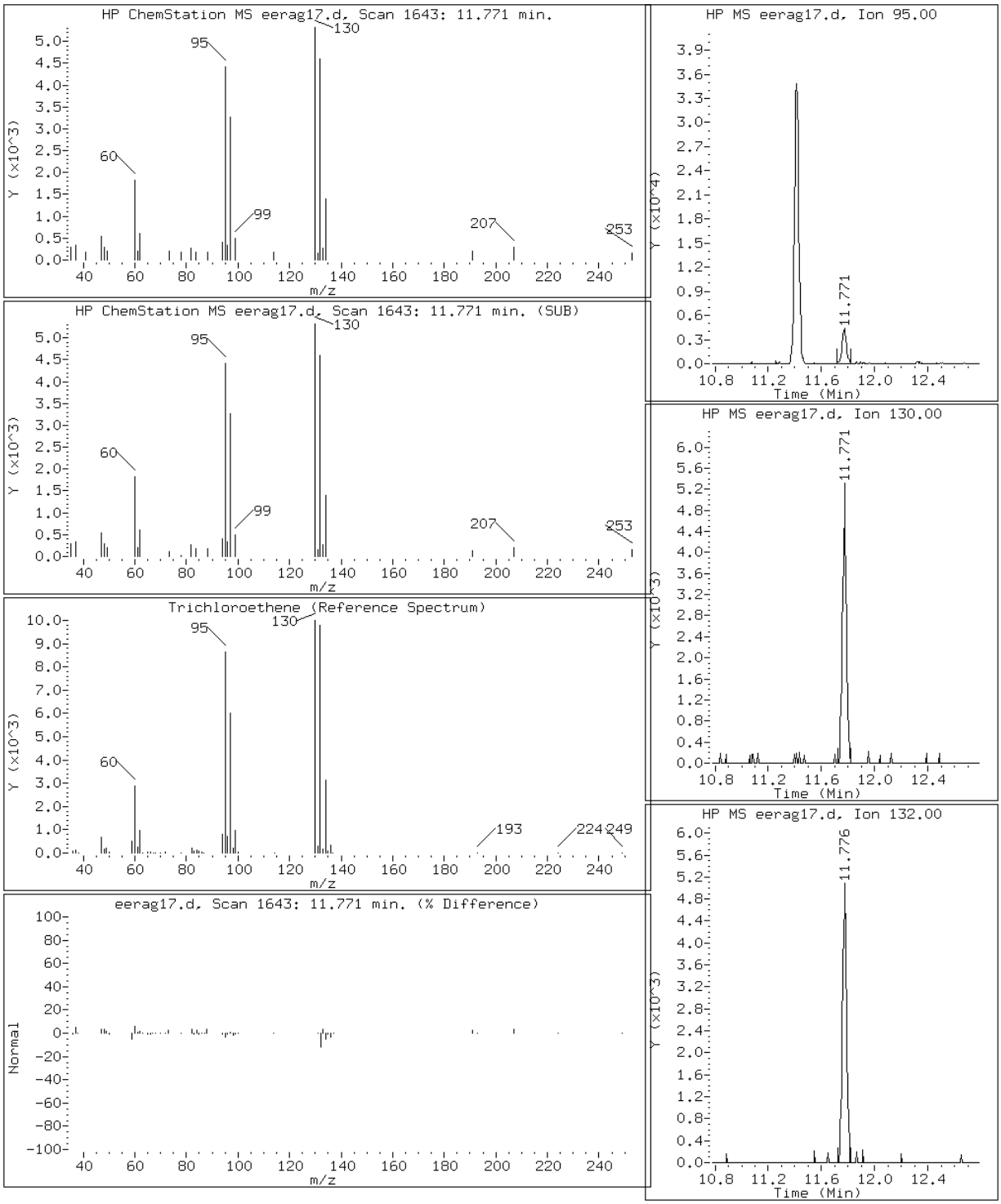
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

49 Trichloroethene



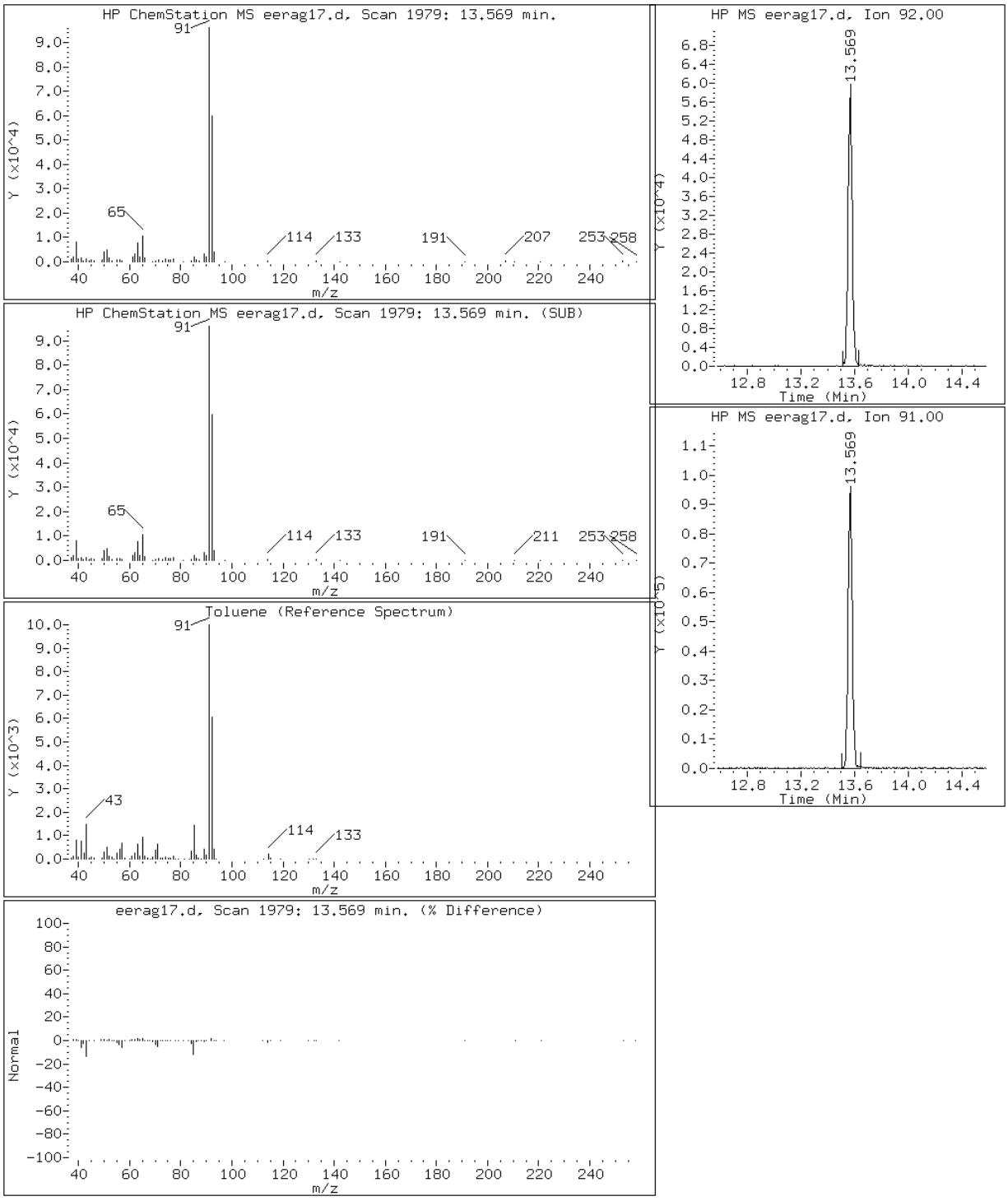
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

58 Toluene



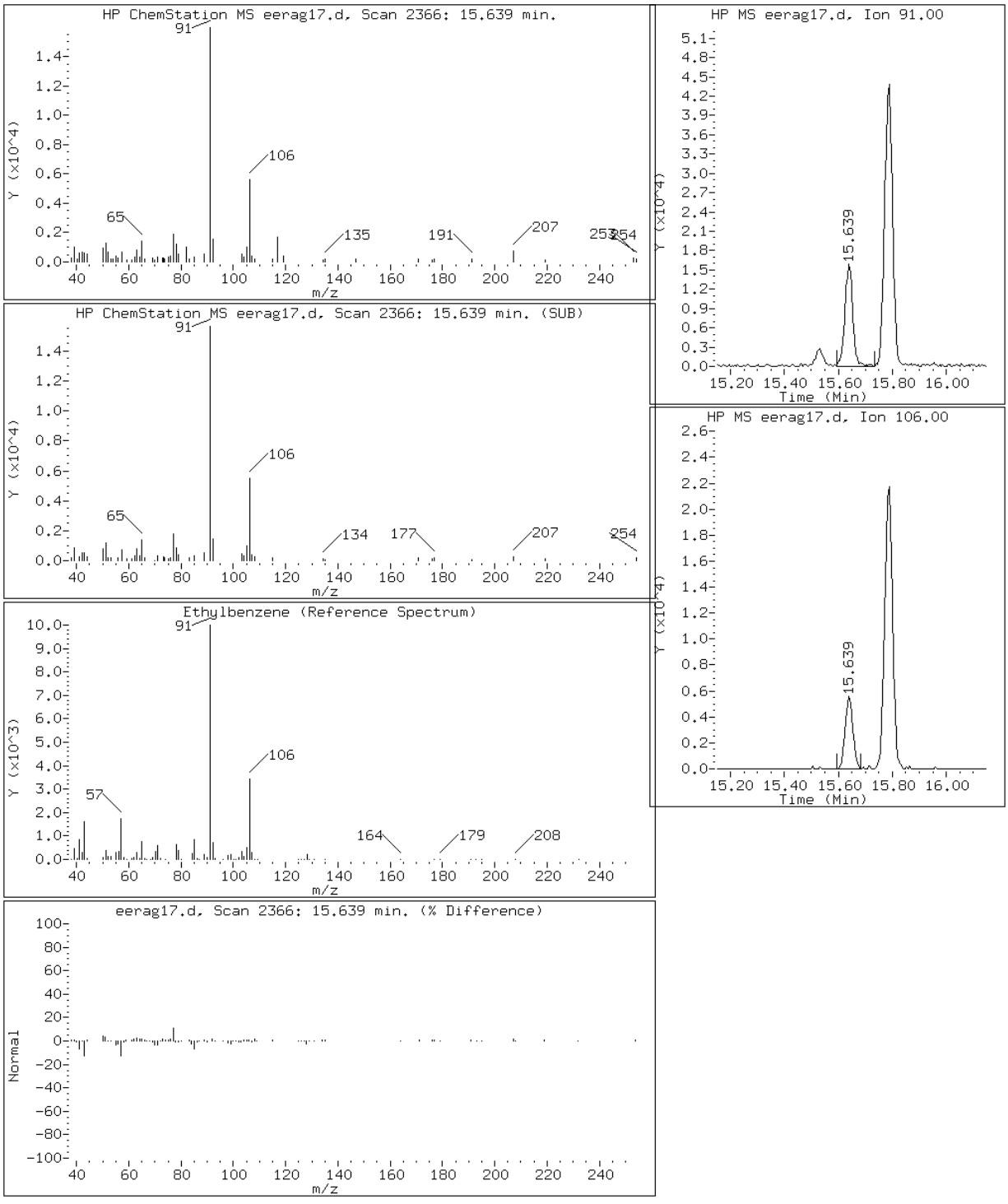
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Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

67 Ethylbenzene



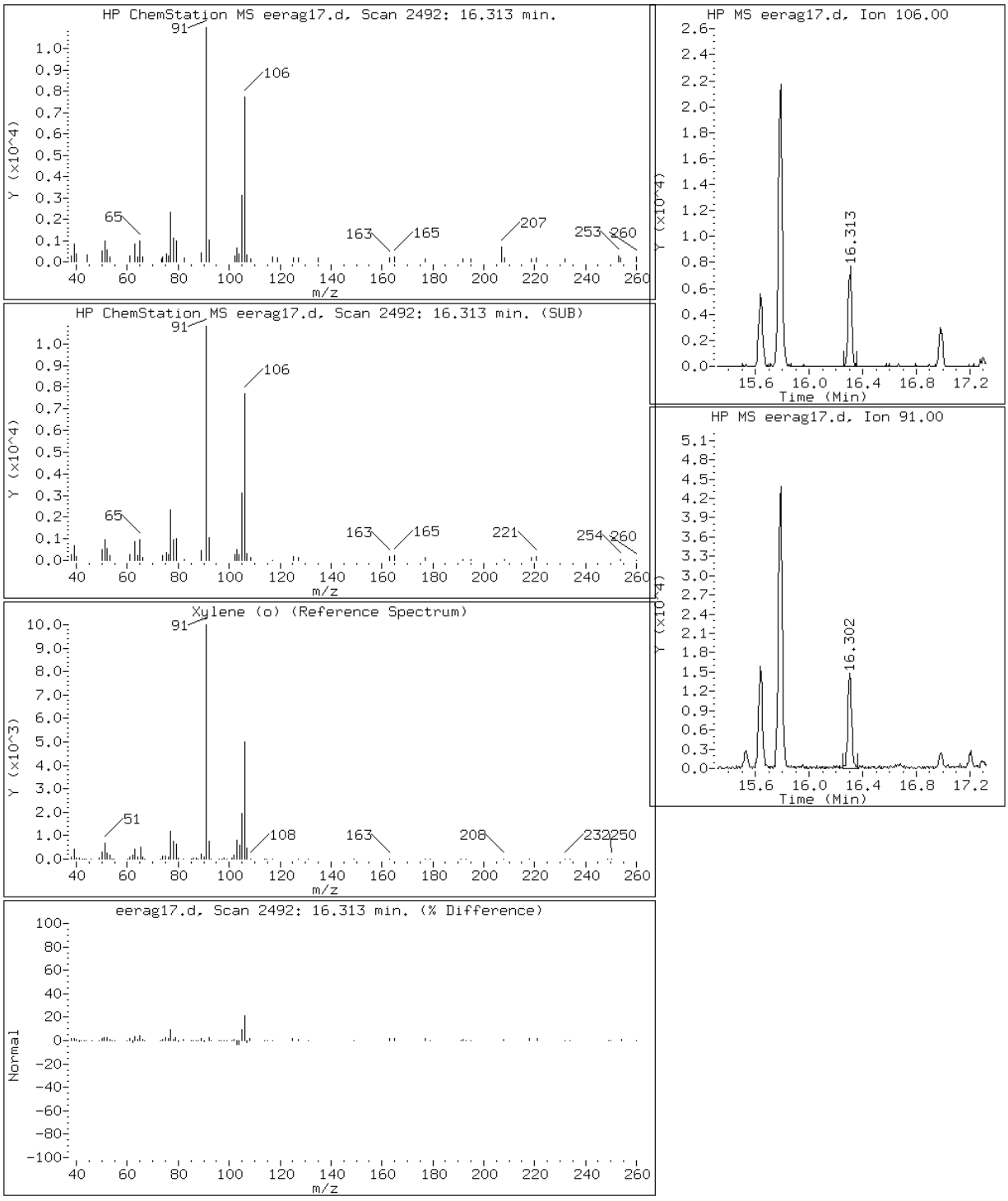
Data File: eerag17.d

Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

71 Xylene (o)



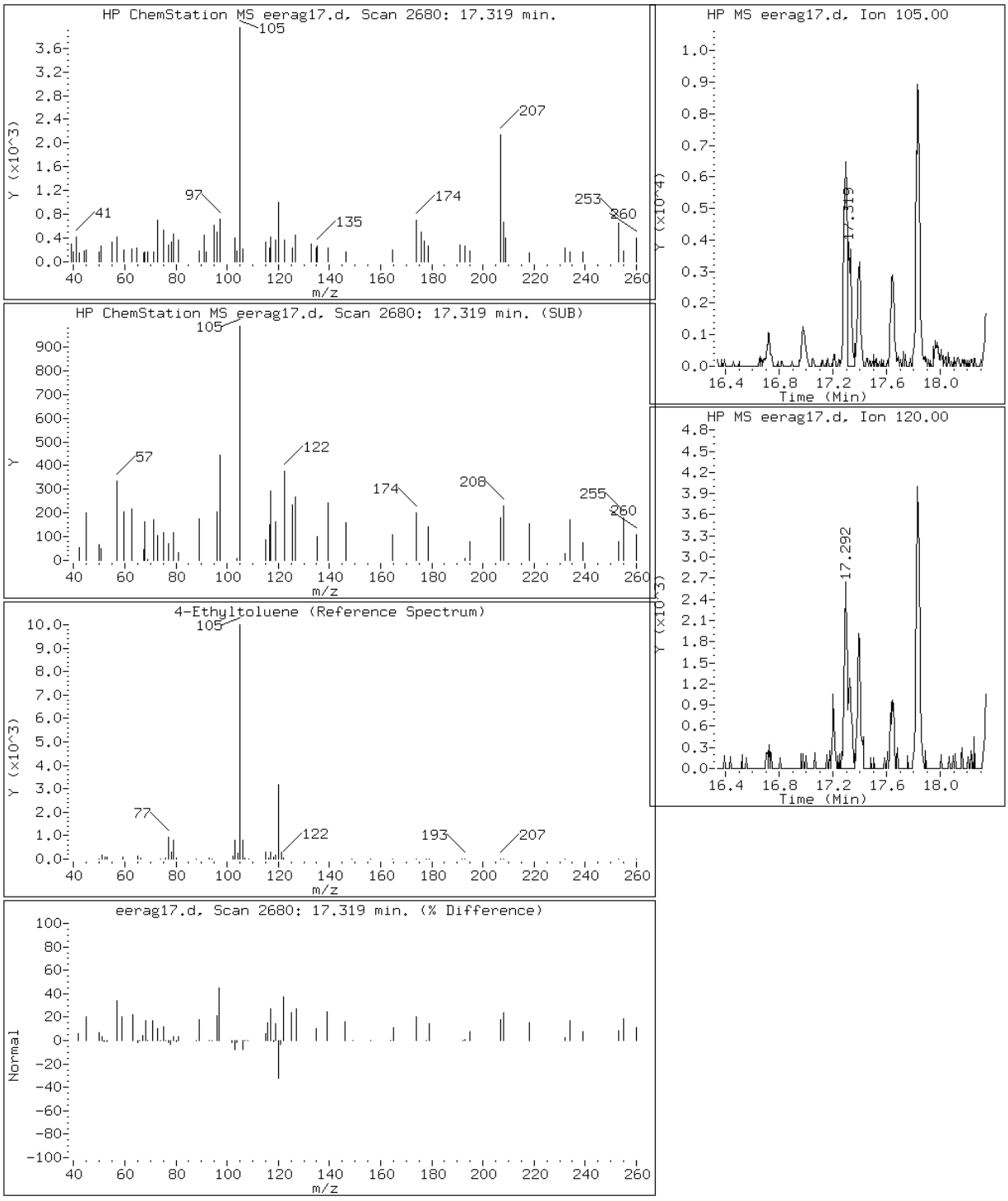
Data File: eerag17.d

Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

79 4-Ethyltoluene



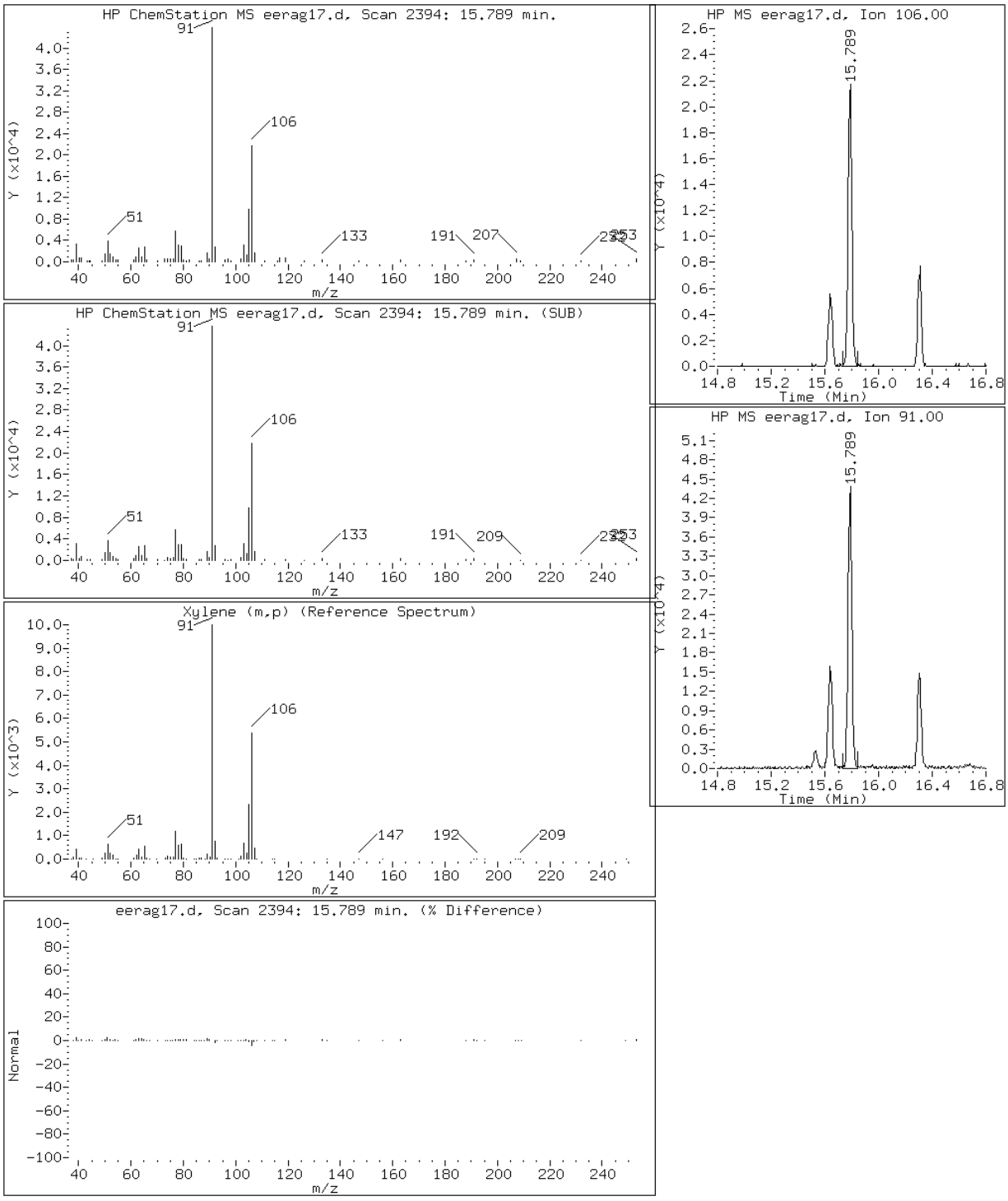
Data File: eerag17.d

Lab Sample ID: 200-9901-3 Date: 27-MAR-2012 02:36

Client ID: IA-031512-CM-31 Instrument: E.i

Sample Info: 200-9901-A-3 Operator: wrd

69 Xylene (m,p)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-32 Lab Sample ID: 200-9901-4

Matrix: Air Lab File ID: eerag18.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:56

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 03:29

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.67		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.30		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.091		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.057		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.042		0.040	0.040
71-43-2	Benzene	78.11	0.42		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.15		0.040	0.040
79-01-6	Trichloroethene	131.39	0.40		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.6		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.089		0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.39		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-32 Lab Sample ID: 200-9901-4

Matrix: Air Lab File ID: eerag18.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:56

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 03:29

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.53		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.087		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.10		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	1.6		0.040	0.040
1330-20-7	Xylenes, Total	106.17	2.2		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-32 Lab Sample ID: 200-9901-4

Matrix: Air Lab File ID: eerag18.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:56

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 03:29

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	3.8		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	1.1		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.31		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.36		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.19		0.19	0.19
71-43-2	Benzene	78.11	1.3		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.61		0.16	0.16
79-01-6	Trichloroethene	131.39	2.2		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	6.1		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.61		0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	1.7		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-32 Lab Sample ID: 200-9901-4

Matrix: Air Lab File ID: eerag18.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 14:56

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 03:29

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	2.3		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.43		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.50		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	7.1		0.17	0.17
1330-20-7	Xylenes, Total	106.17	9.4		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-4
Client Smp ID: IA-031512-CM-32
Inj Date : 27-MAR-2012 03:29
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-4
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 2
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

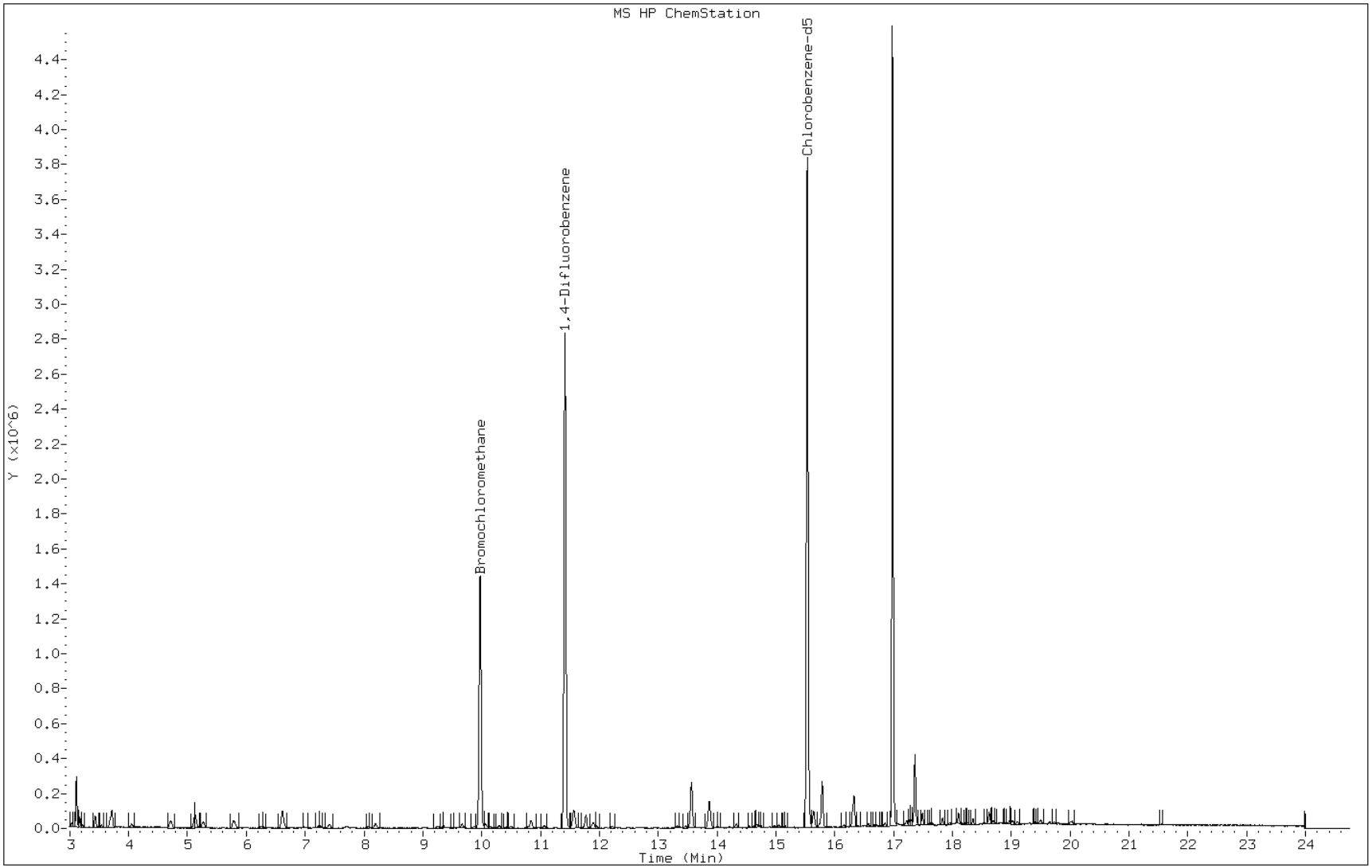
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	49830	0.11480	0.46
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.132	5.138	(0.515)	107245	0.16724	0.67
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	6824	0.01632	0.065(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.416	7.433	(0.744)	13562	0.08679	0.35(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.192	8.203	(0.821)	16613	0.07529	0.30
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61				1691	0.00918	0.037(a)
	34 1,2-Dichloroethene (cis)	96	9.594	9.605	(0.962)	1691	0.00918	0.037(a)
*	36 Bromochloromethane	128	9.974	9.990	(1.000)	601360	2.00000	
	39 Chloroform	83	10.065	10.075	(1.009)	4314	0.00987	0.039(a)
	40 Cyclohexane	84	10.289	10.305	(0.902)	6192	0.02285	0.091
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.509	10.514	(0.921)	9404	0.01434	0.057
	43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.946)	7138	0.01043	0.042(Q)
	44 Benzene	78	10.846	10.851	(0.950)	53065	0.10378	0.42
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.054	11.076	(0.969)	7811	0.03734	0.15
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	3018310	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	28575	0.10116	0.40
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.569	13.579	(0.874)	138156	0.40534	1.6
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.334	14.344	(0.923)	10104	0.02230	0.089
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2746868	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	63161	0.09789	0.39
	69 Xylene (m,p)	106	15.789	15.799	(1.017)	91436	0.40964	1.6
M	70 Xylene, Total	106				119781	0.54253	2.2
	71 Xylene (o)	106	16.308	16.318	(1.050)	28345	0.13289	0.53
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.319	17.340	(1.115)	9001	0.02172	0.087(M)
	81 1,3,5-Trimethylbenzene	105	17.399	17.404	(1.120)	9021	0.02526	0.10

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eerag18.d	Date:	27-MAR-2012 03:29
Client ID:	IA-031512-CM-32	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-4		
Lab Sample ID:	200-9901-4		



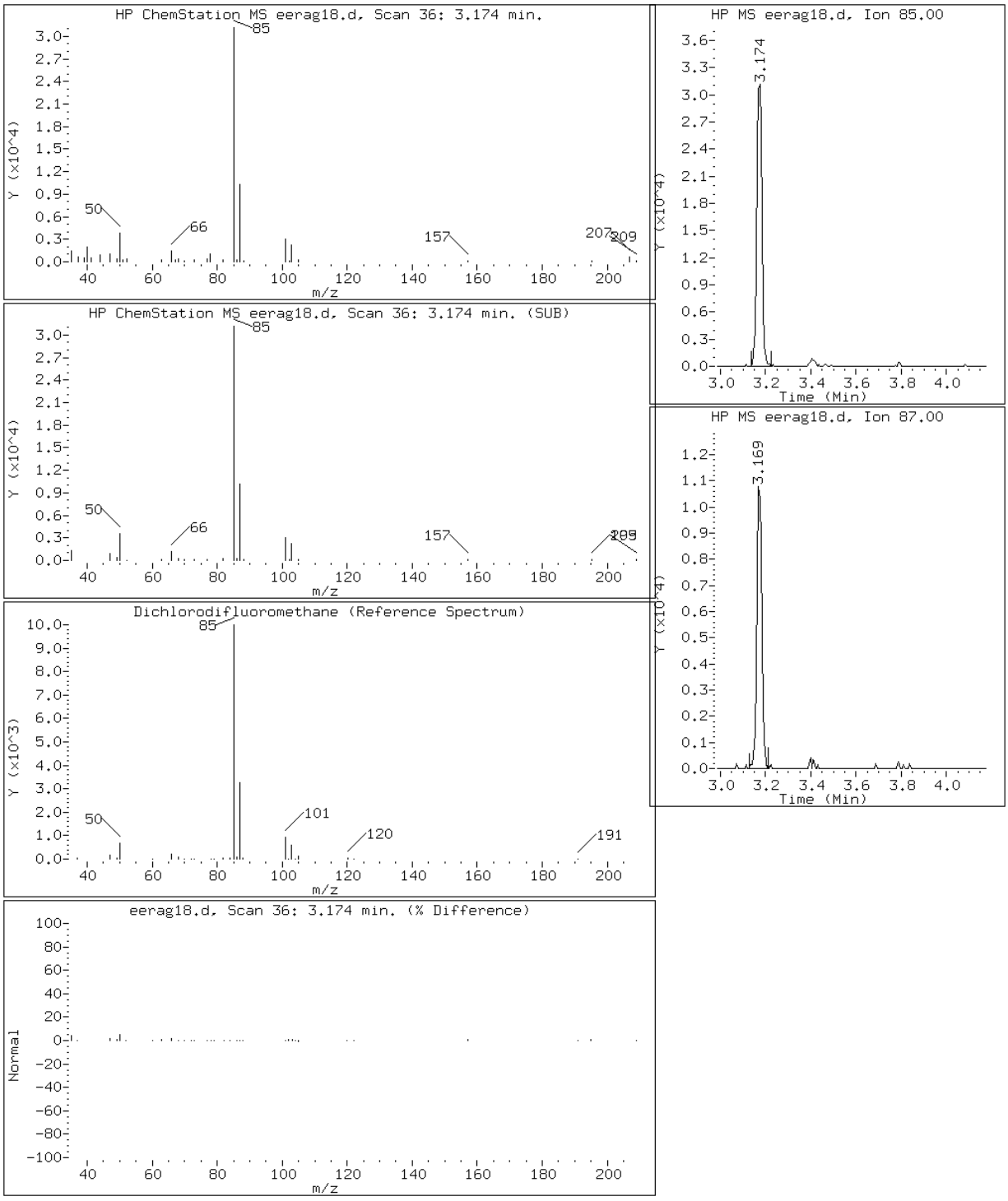
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

2 Dichlorodifluoromethane



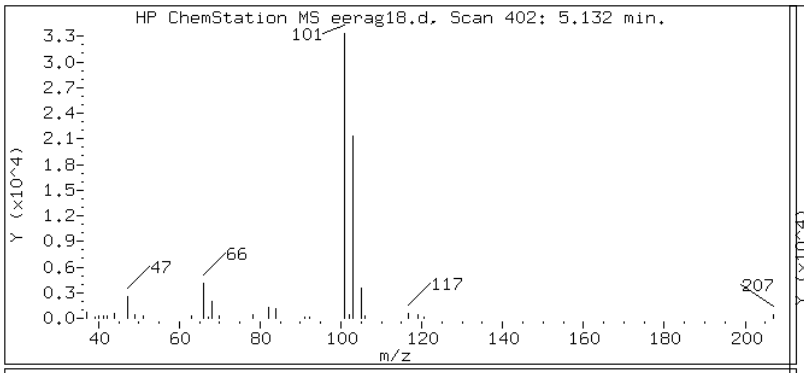
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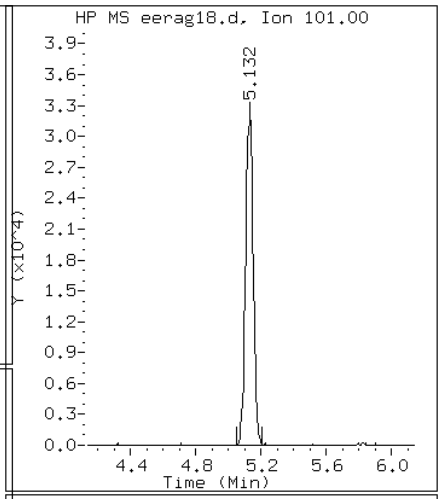
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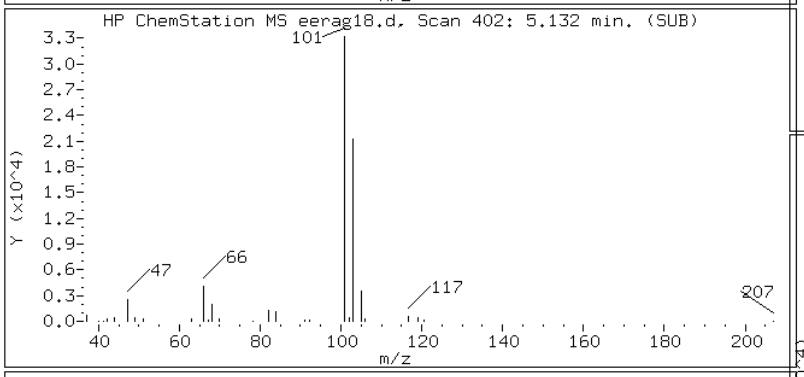
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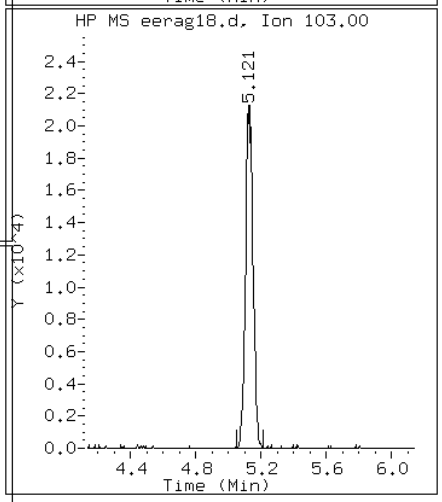
Sample Info: 200-9901-A-4 Operator: wrd

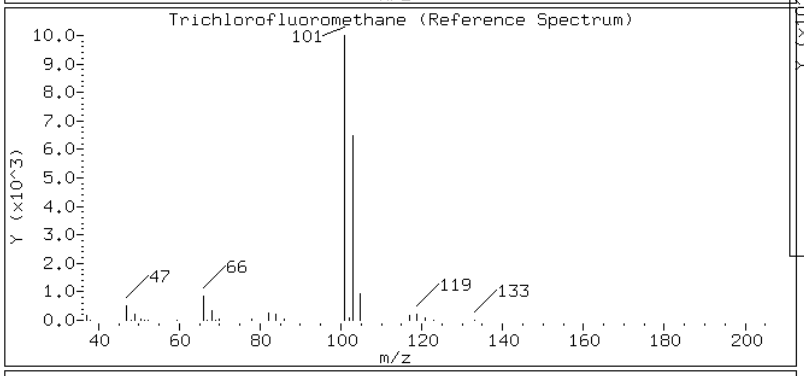
13 Trichlorofluoromethane

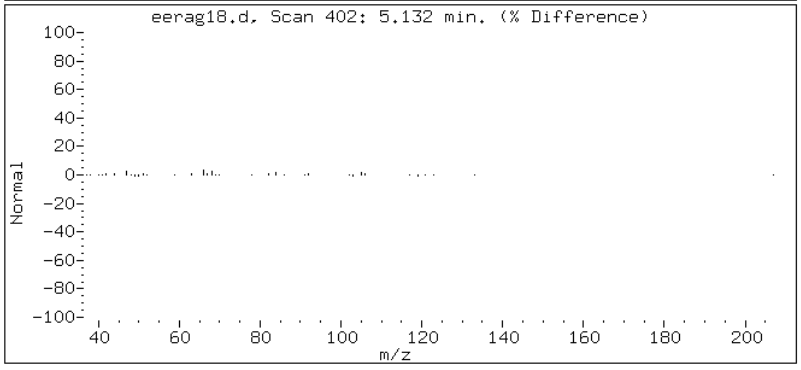












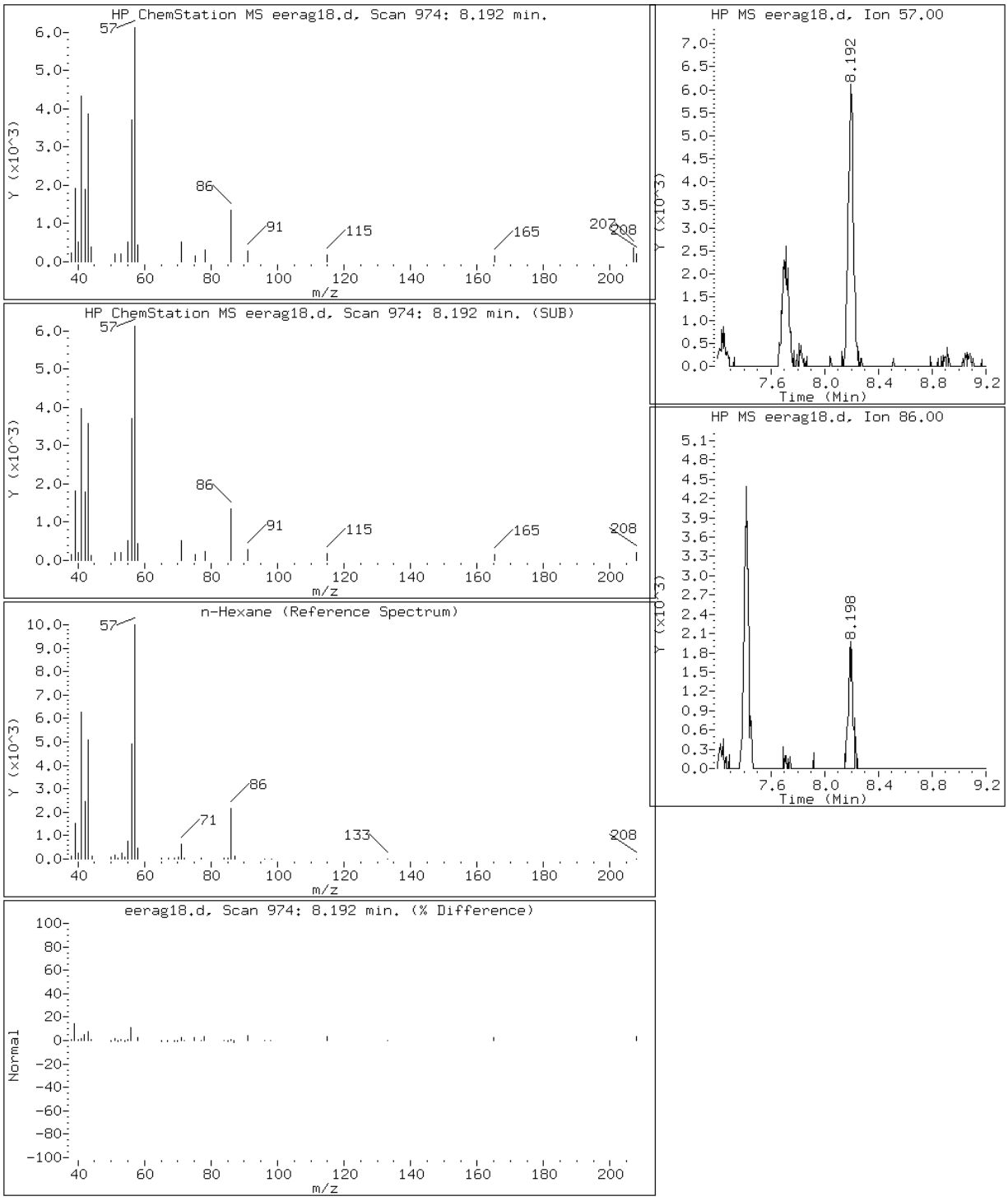
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

30 n-Hexane



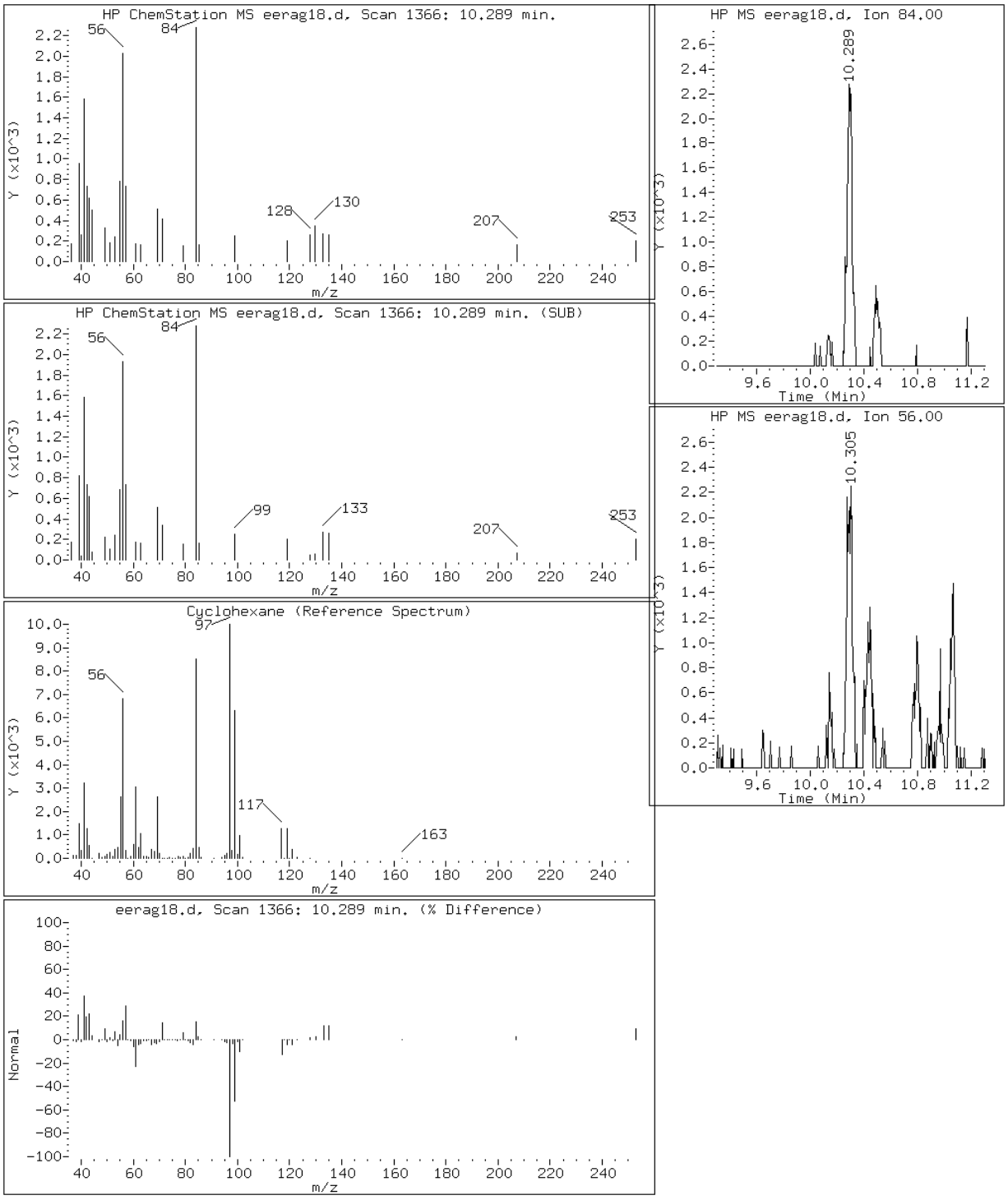
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

40 Cyclohexane



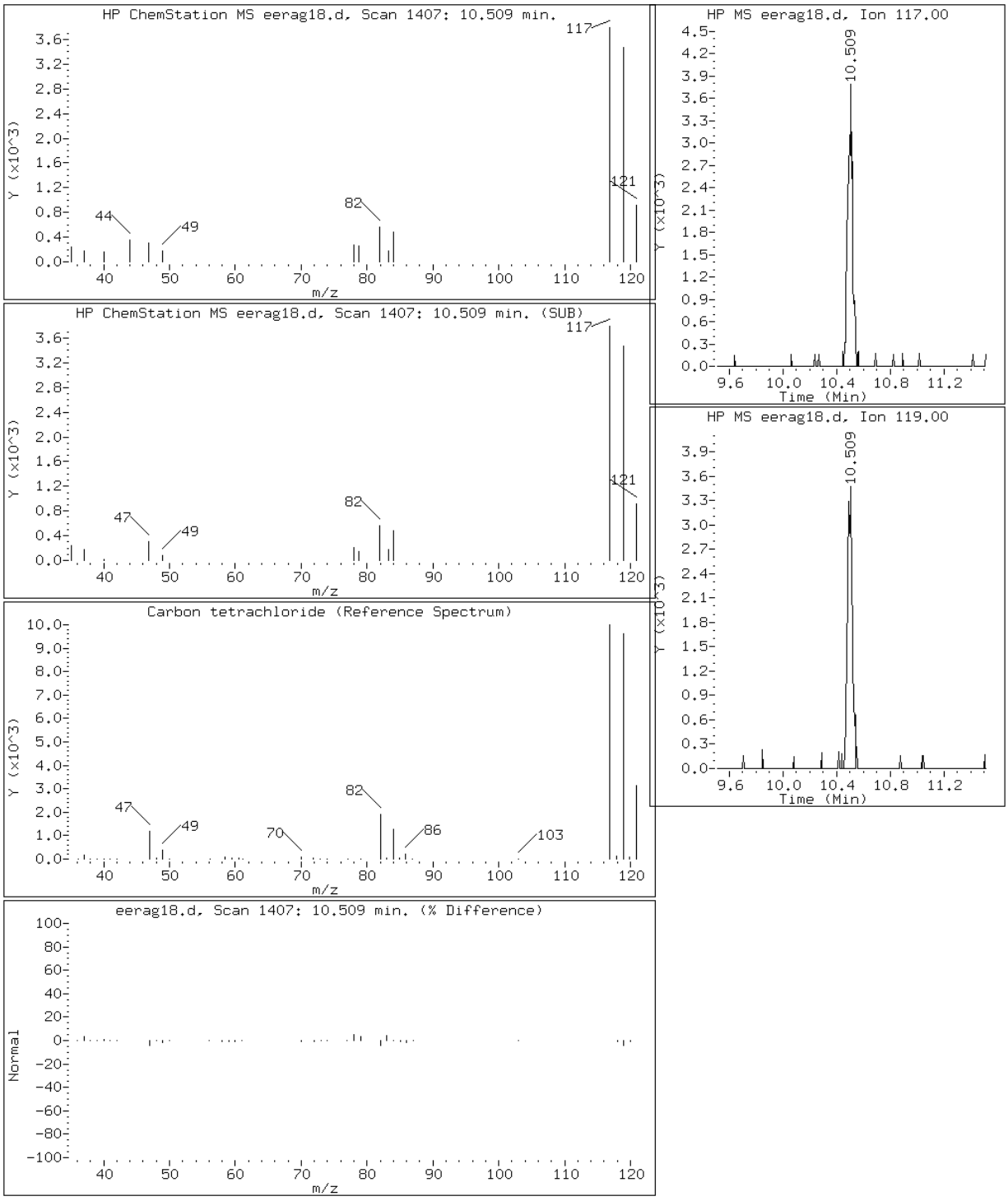
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

42 Carbon tetrachloride



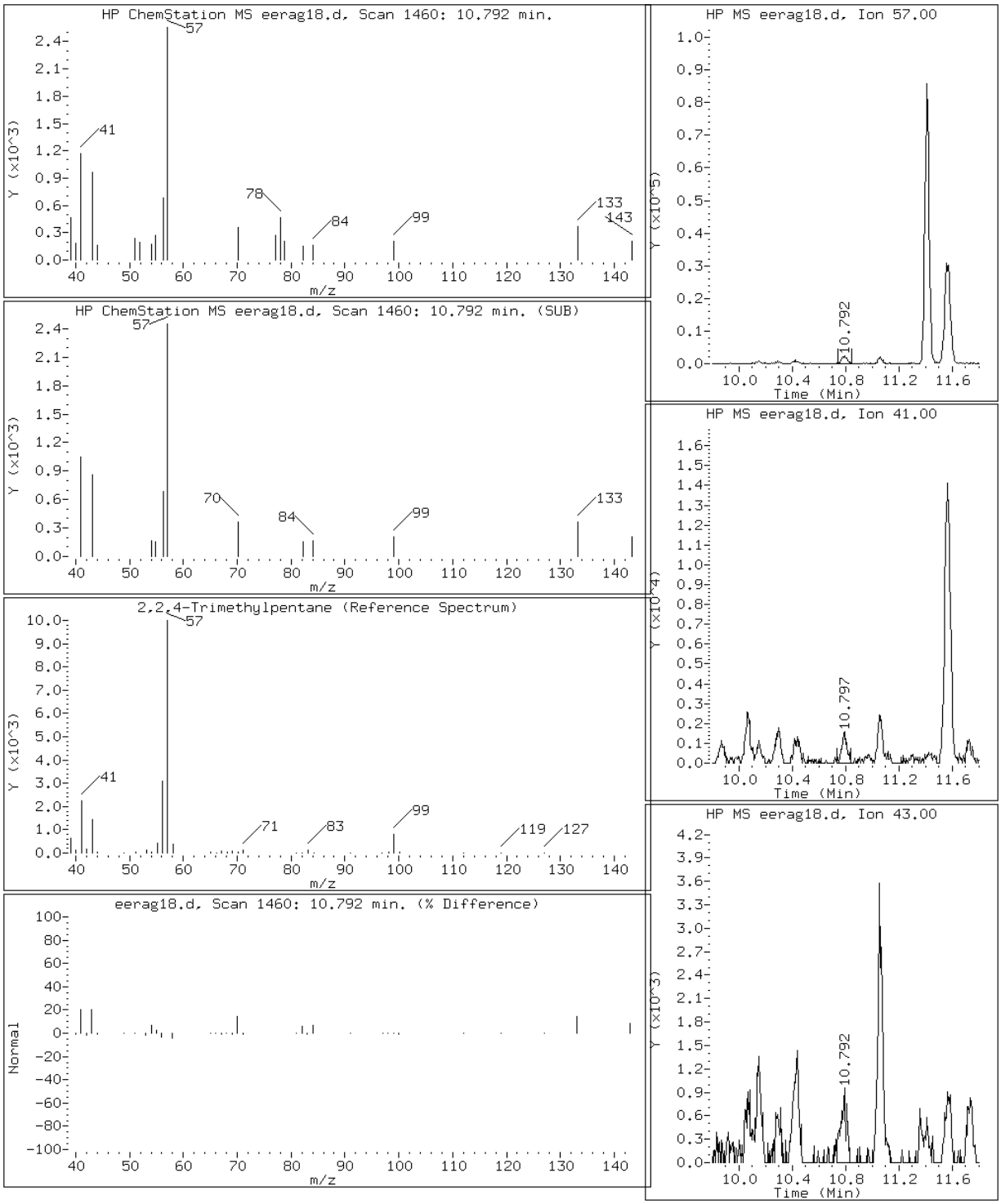
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

43 2,2,4-Trimethylpentane



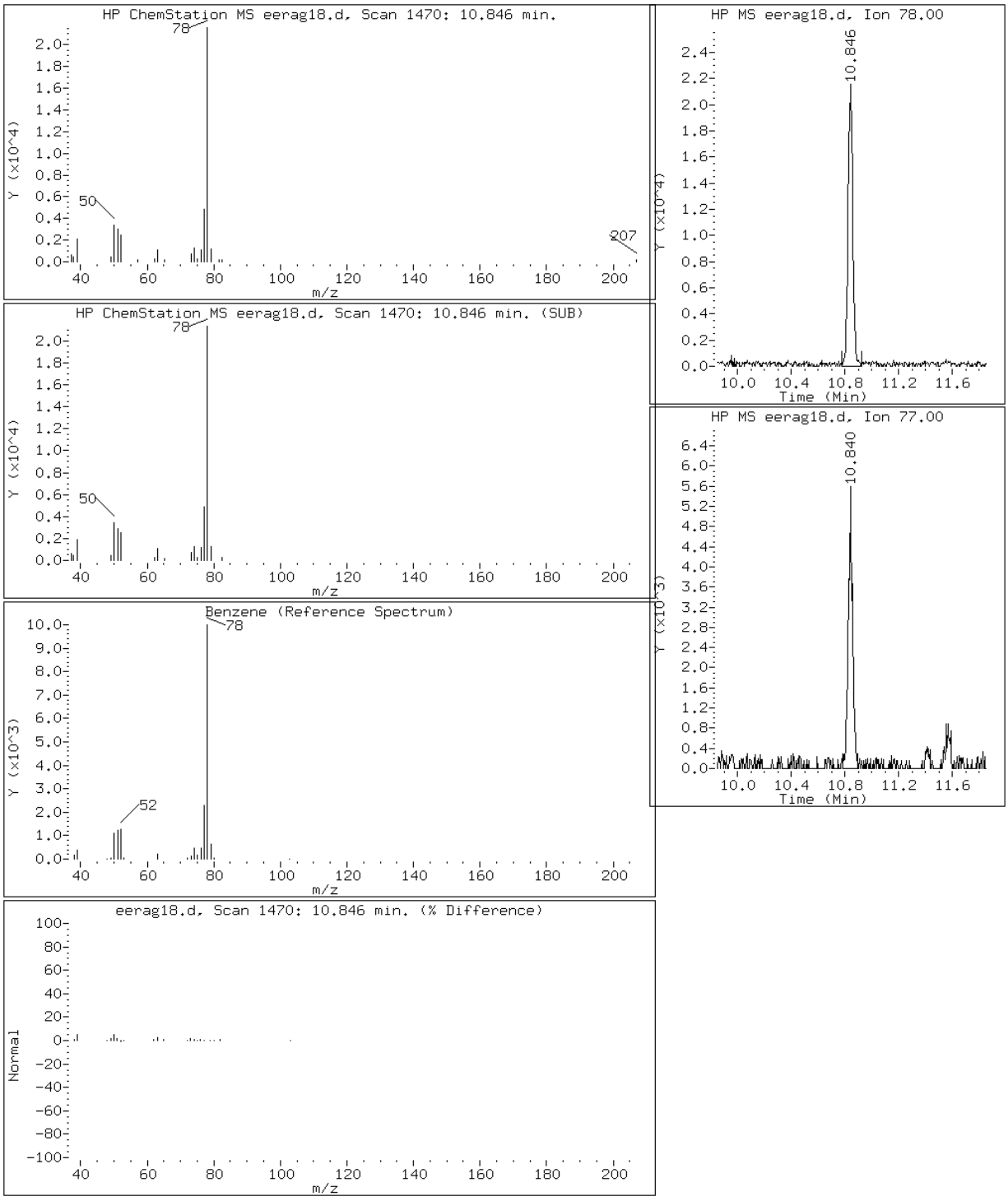
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

44 Benzene



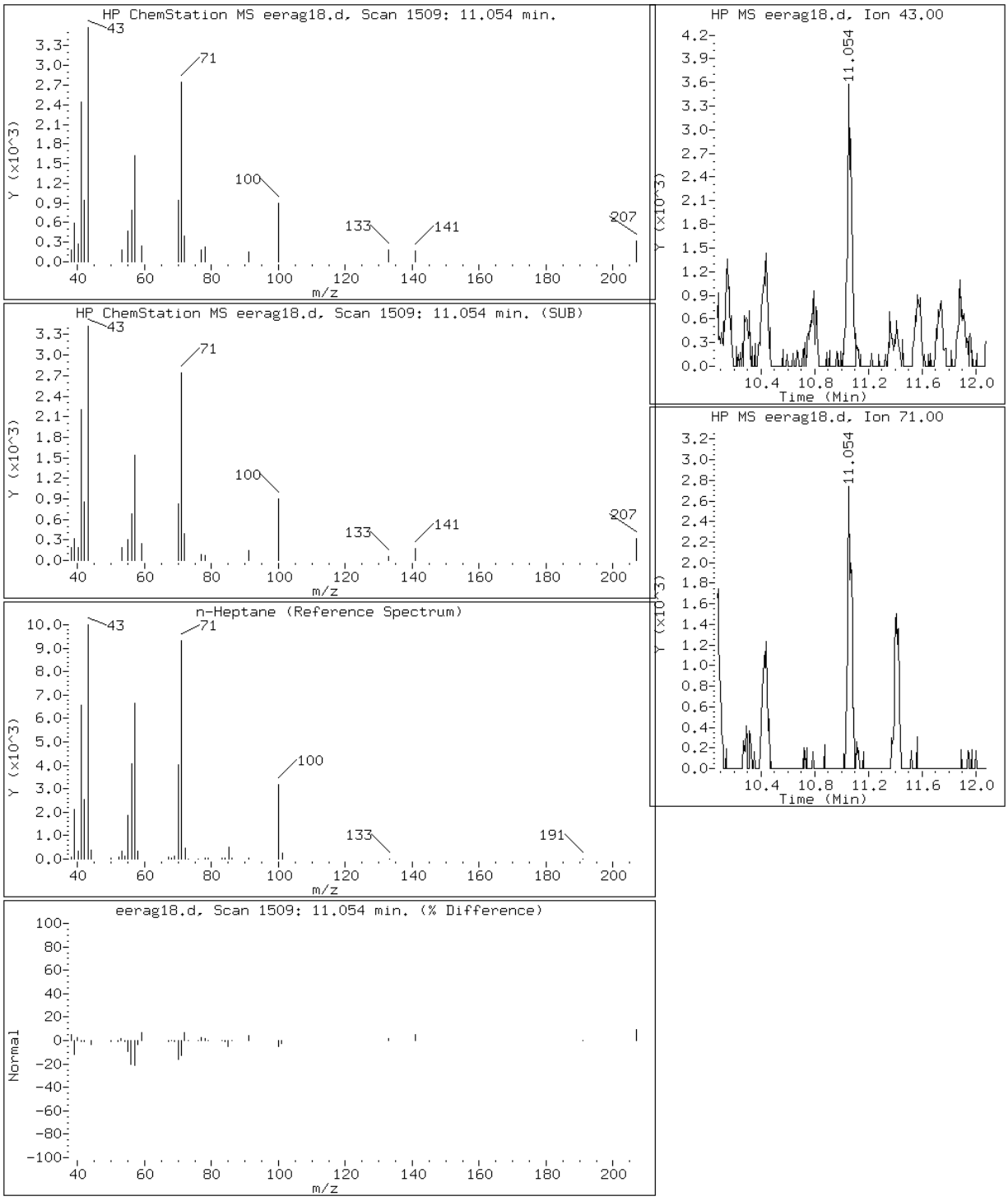
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

46 n-Heptane



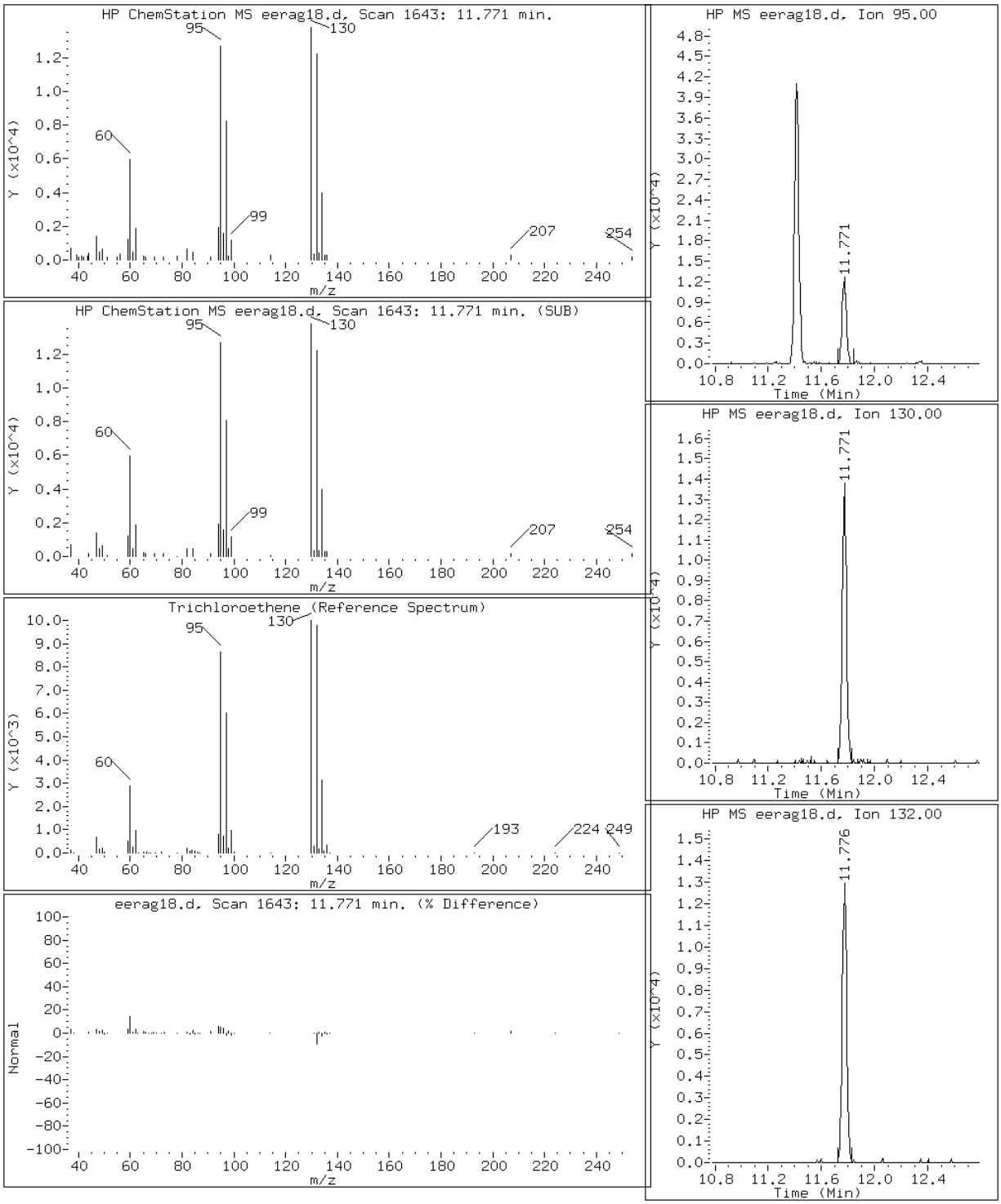
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

49 Trichloroethene



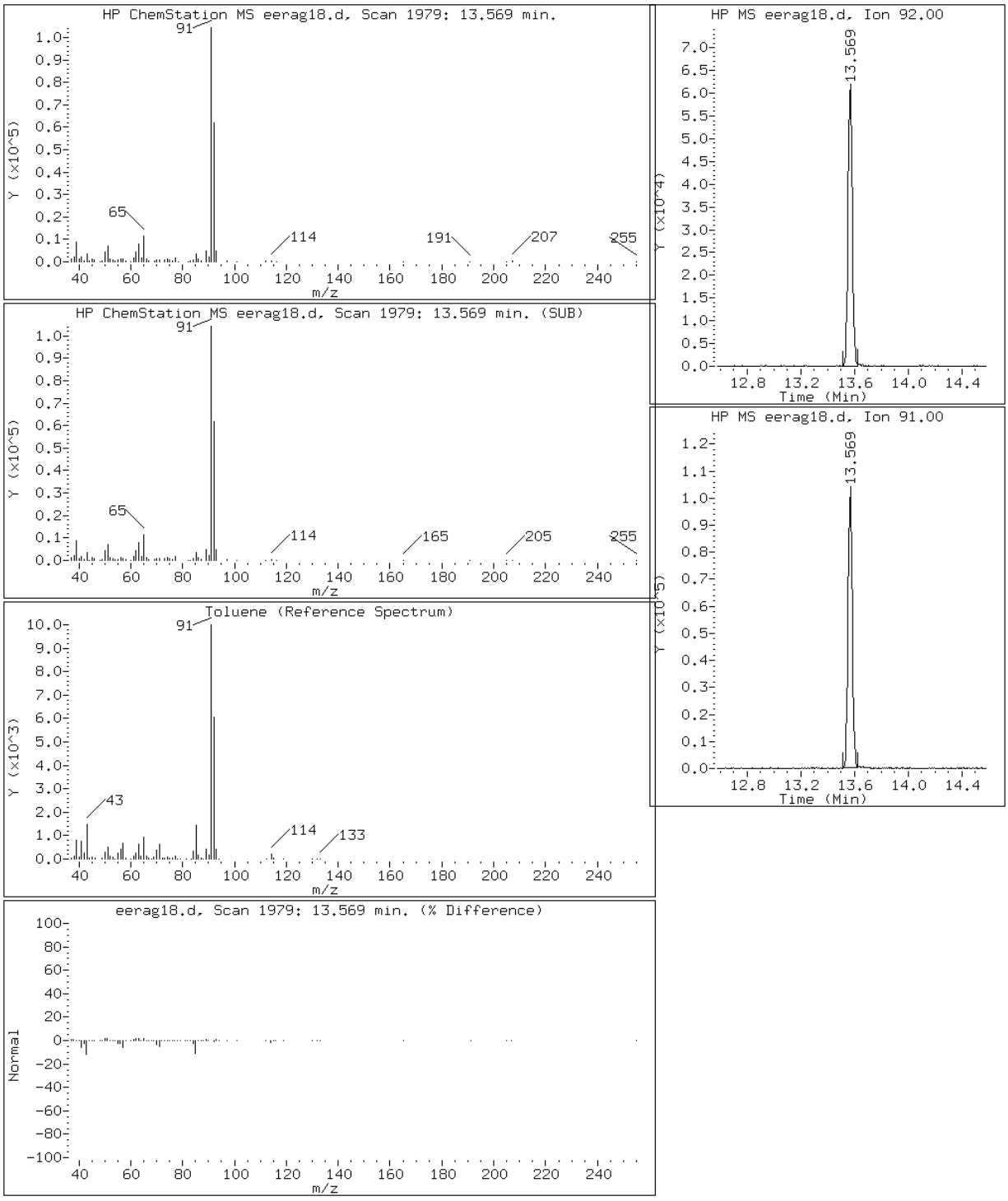
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

58 Toluene



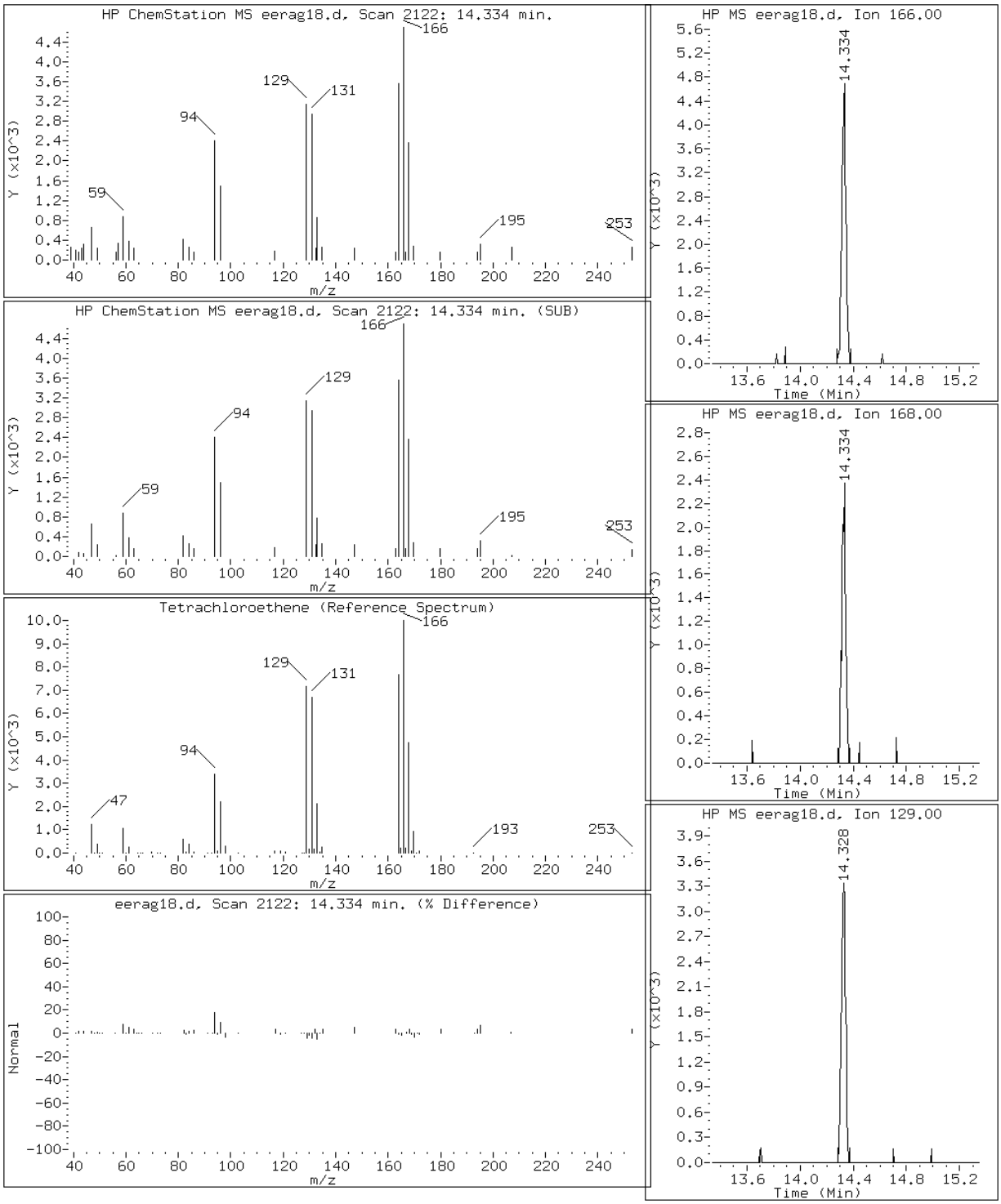
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

61 Tetrachloroethene



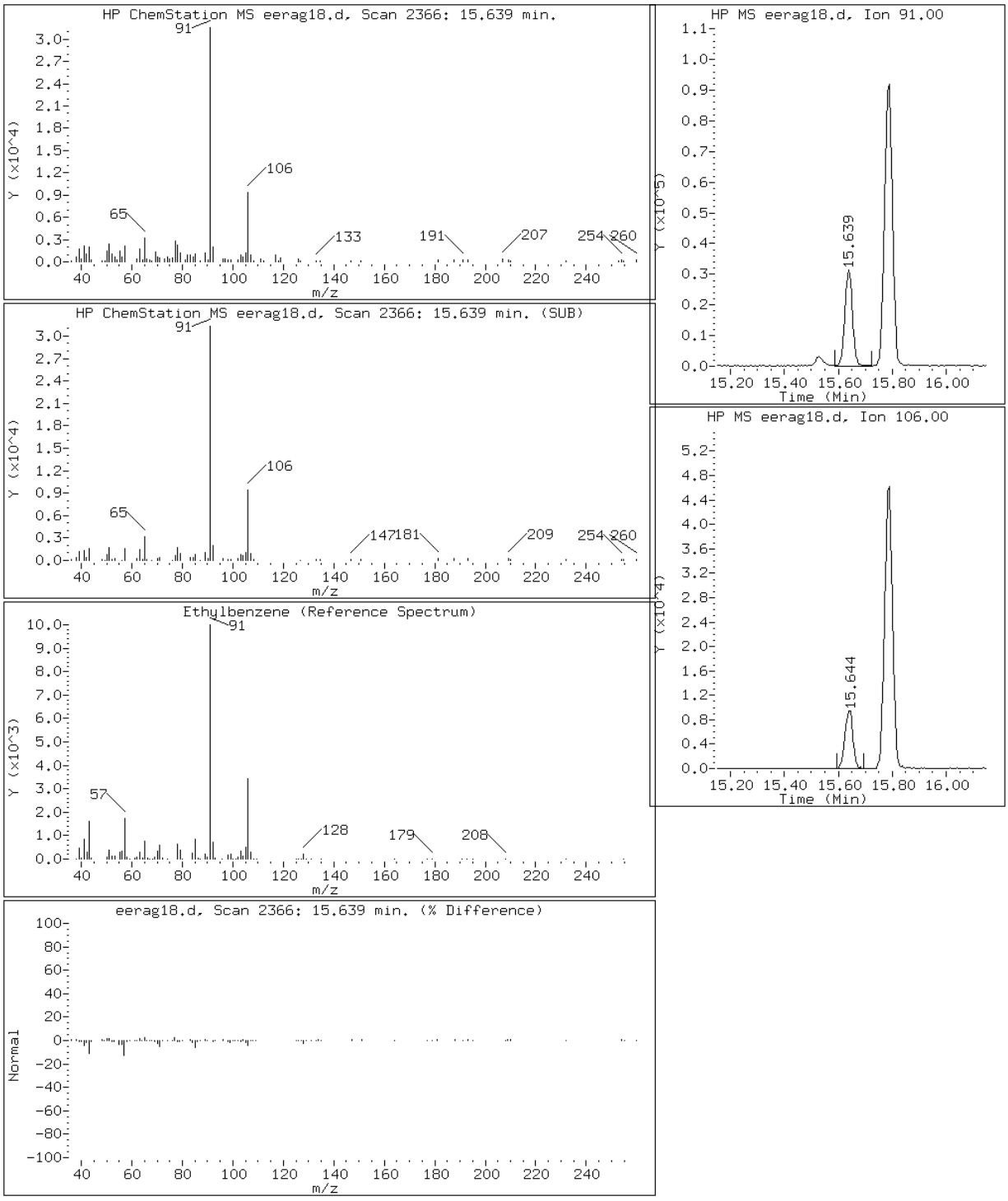
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

67 Ethylbenzene



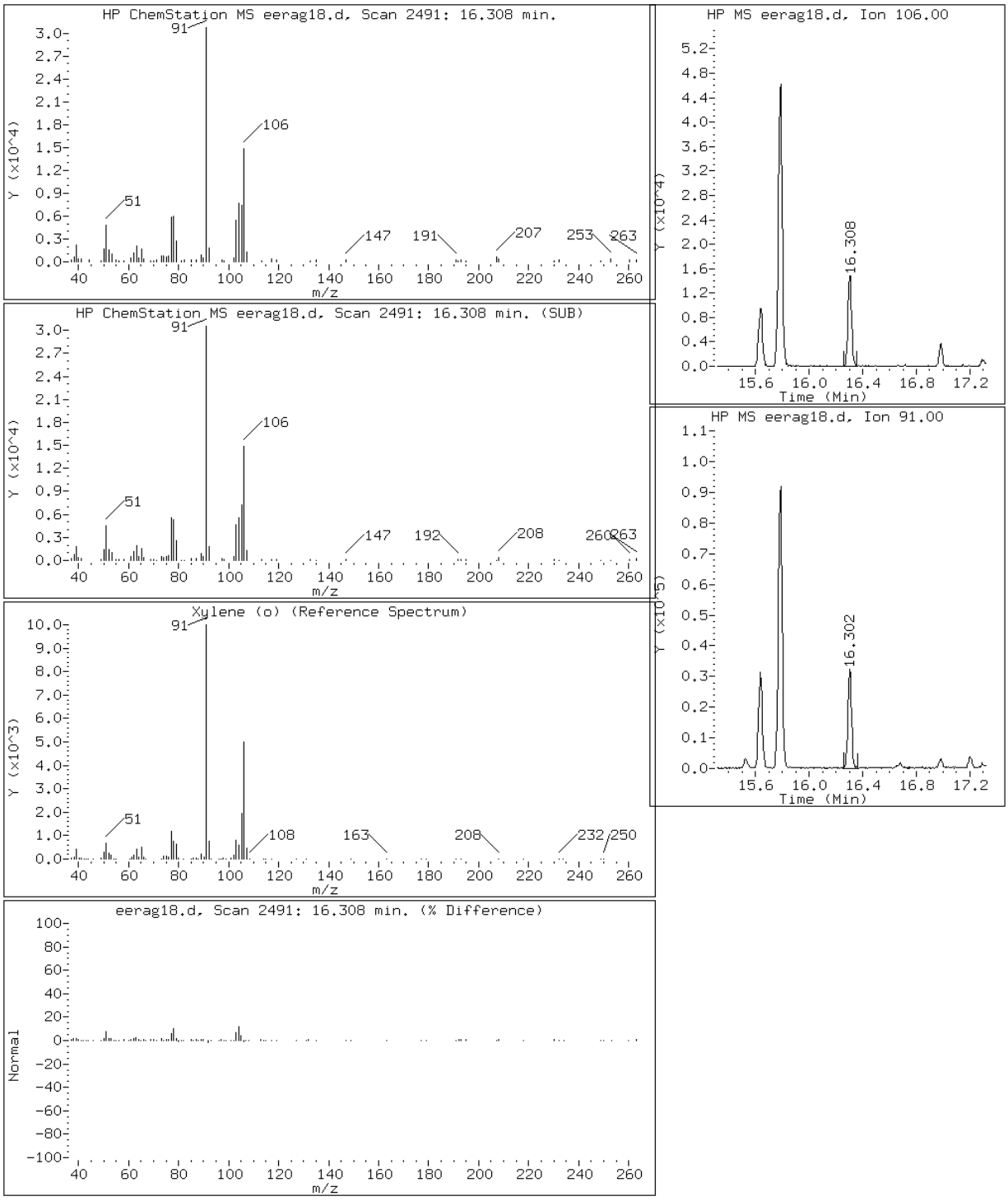
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

71 Xylene (o)



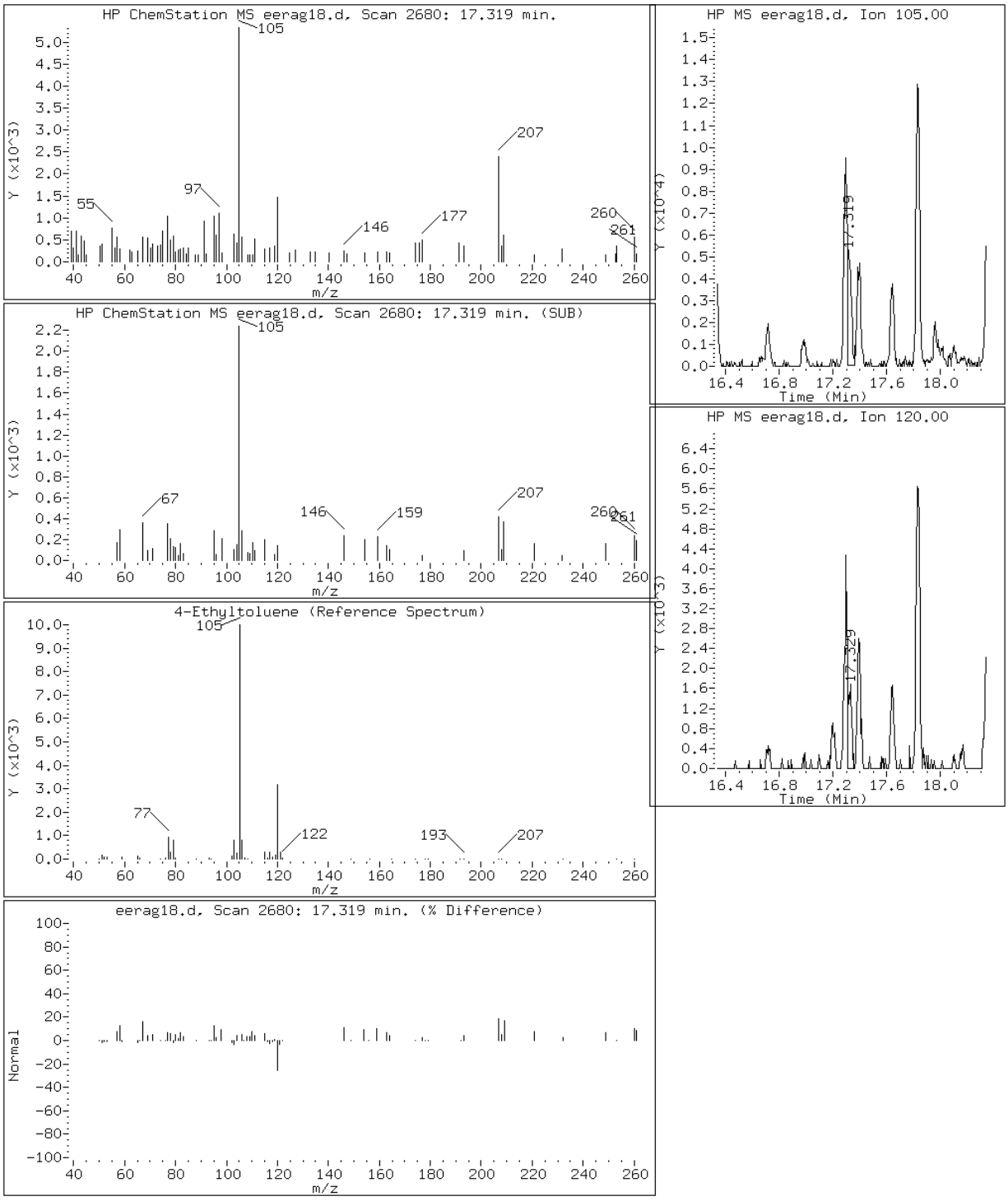
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Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

79 4-Ethyltoluene



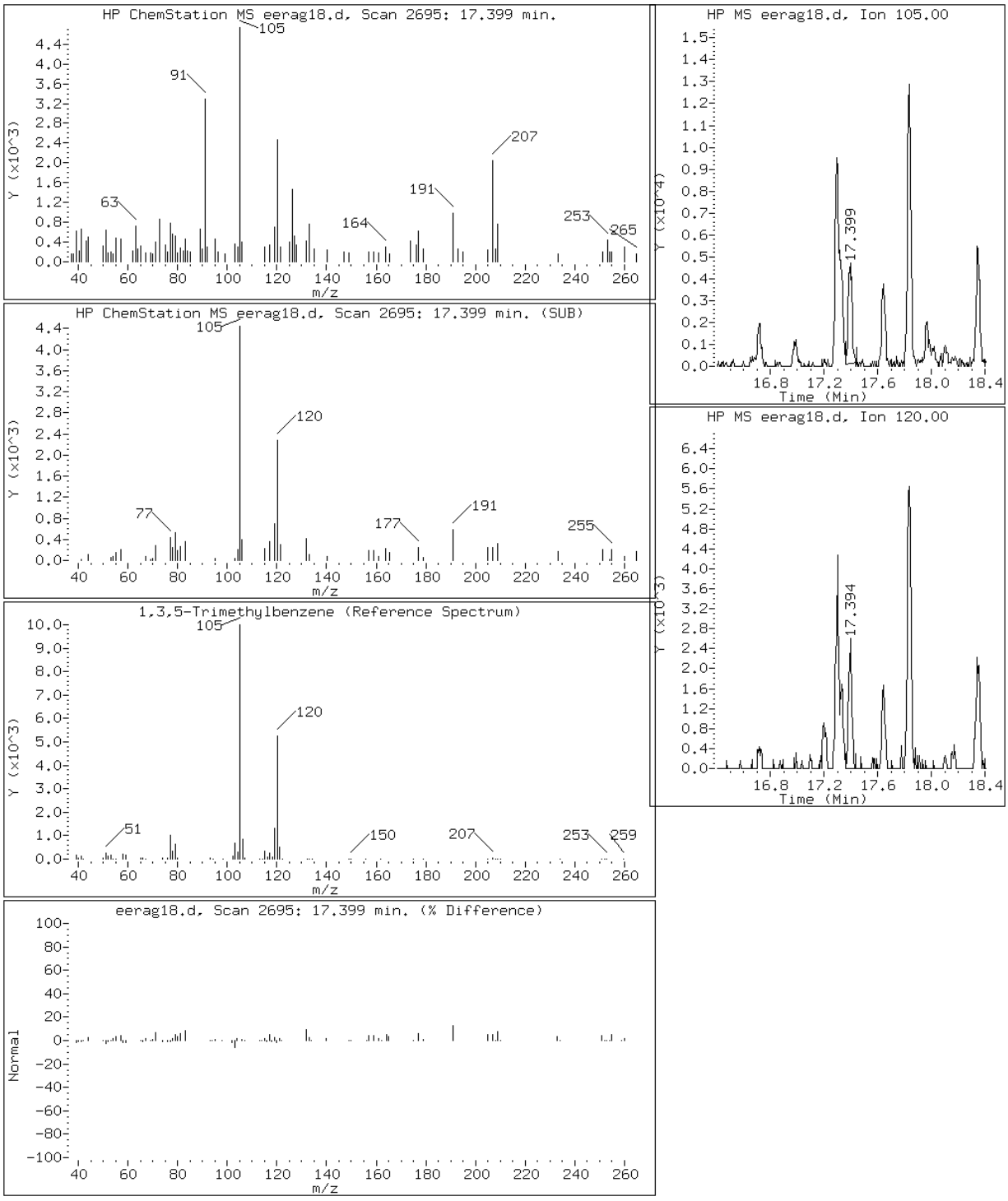
Data File: eerag18.d

Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

81 1,3,5-Trimethylbenzene



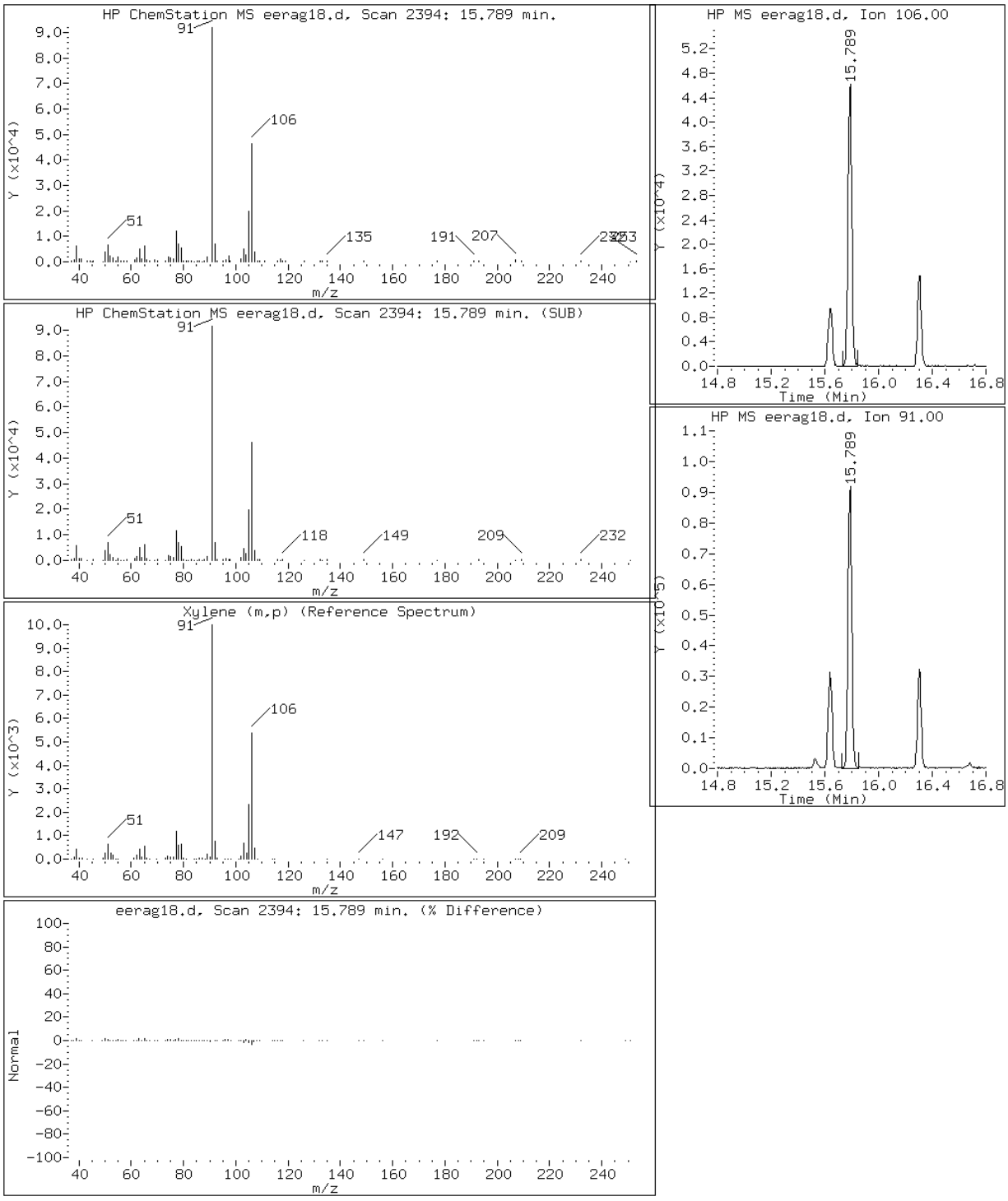
Data File: eerag18.d

Lab Sample ID: 200-9901-4 Date: 27-MAR-2012 03:29

Client ID: IA-031512-CM-32 Instrument: E.i

Sample Info: 200-9901-A-4 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: eerag18.d
Lab Sample ID: 200-9901-4
Inj. Date and Time: 27-MAR-2012 03:29
Instrument ID: E.i
Client ID: IA-031512-CM-32
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

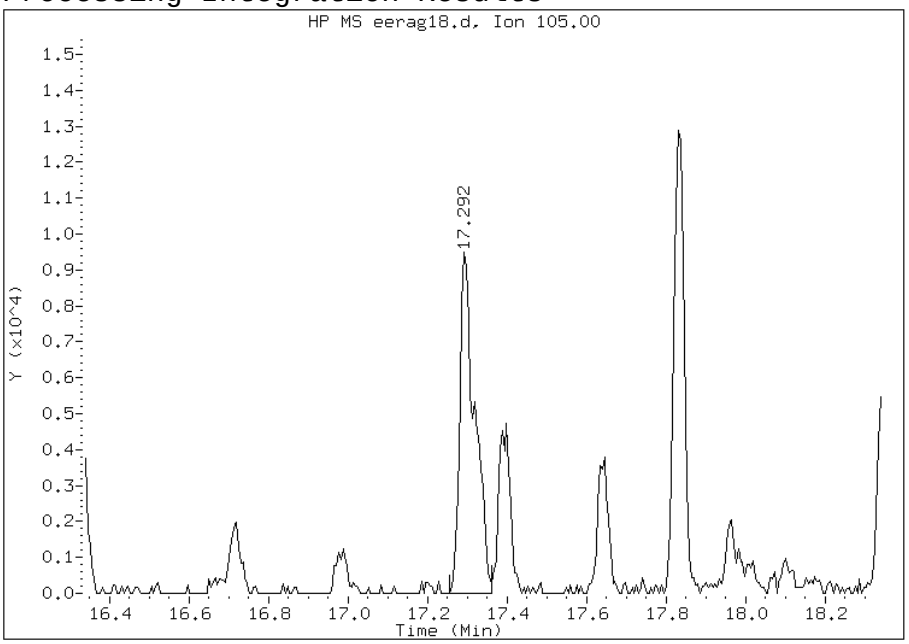
Processing Integration Results

RT: 17.29

Response: 25097

Amount: 0.060570

Conc: 0.242279



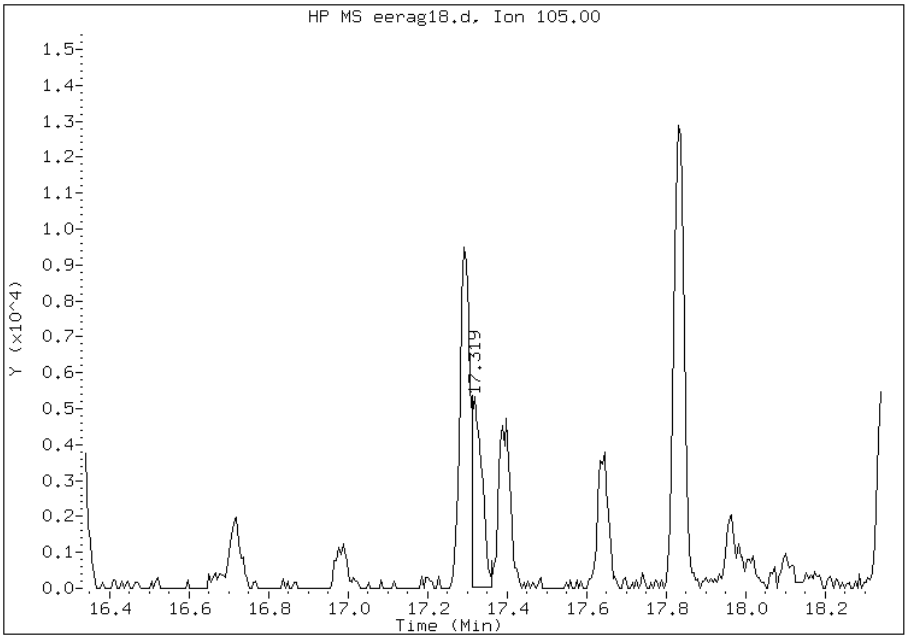
Manual Integration Results

RT: 17.32

Response: 9001

Amount: 0.021723

Conc: 0.086893



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-33 Lab Sample ID: 200-9901-5

Matrix: Air Lab File ID: eerag19.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:11

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 04:22

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.58		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.56		0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	1.2		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.045		0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.34		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.065		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.32		0.040	0.040
71-43-2	Benzene	78.11	0.77		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.40		0.040	0.040
79-01-6	Trichloroethene	131.39	0.17		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	2.6		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.83		0.040	0.040

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Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	1.2		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.17		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.045		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	3.5		0.040	0.040
1330-20-7	Xylenes, Total	106.17	4.8		0.040	0.040

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Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	3.3		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.9		1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	4.3		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.18		0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	1.2		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.41		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.5		0.19	0.19
71-43-2	Benzene	78.11	2.5		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.7		0.16	0.16
79-01-6	Trichloroethene	131.39	0.89		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	9.9		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	3.6		0.17	0.17

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Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-33 Lab Sample ID: 200-9901-5

Matrix: Air Lab File ID: eerag19.d

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Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 04:22

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	5.4		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.84		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.99		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.18		0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	15		0.17	0.17
1330-20-7	Xylenes, Total	106.17	21		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-5
Client Smp ID: IA-031512-CM-33
Inj Date : 27-MAR-2012 04:22
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-5
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 3
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

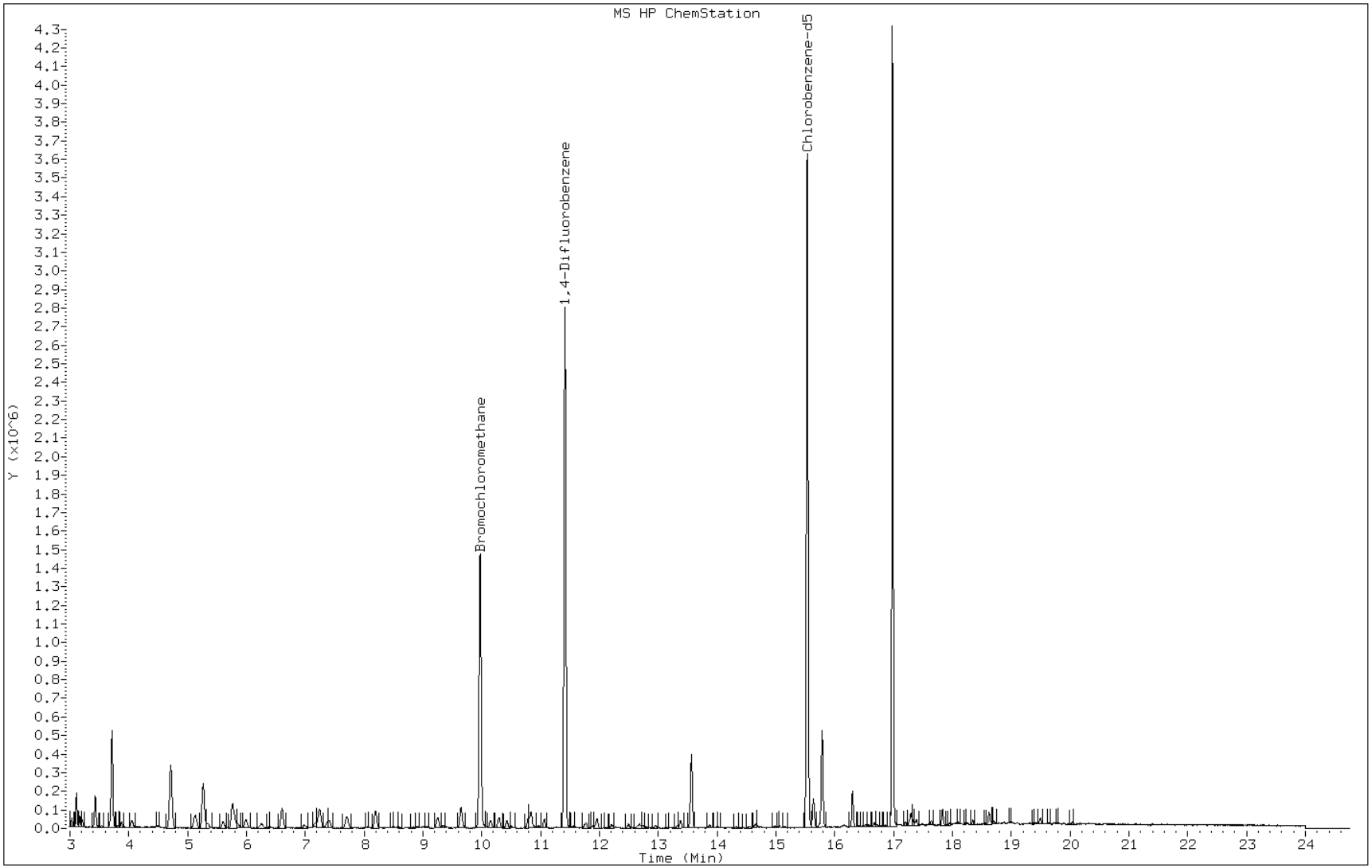
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	50077	0.11391	0.46
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.132	5.138	(0.515)	94763	0.14590	0.58
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.271	6.282	(0.629)	7997	0.01888	0.076(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.411	7.433	(0.743)	22192	0.14022	0.56
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.197	8.203	(0.822)	68461	0.30633	1.2
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61				2111	0.01131	0.045
	34 1,2-Dichloroethene (cis)	96	9.599	9.605	(0.962)	2111	0.01131	0.045
*	36 Bromochloromethane	128	9.973	9.990	(1.000)	609084	2.00000	
	39 Chloroform	83	10.059	10.075	(1.009)	3198	0.00723	0.029(a)
	40 Cyclohexane	84	10.300	10.305	(0.902)	22745	0.08514	0.34(Q)
	41 1,1,1-Trichloroethane	97	10.305	10.316	(0.903)	3601	0.00647	0.026(aQ)
	42 Carbon tetrachloride	117	10.492	10.514	(0.919)	10539	0.01631	0.065
	43 2,2,4-Trimethylpentane	57	10.797	10.803	(0.946)	53480	0.07930	0.32
	44 Benzene	78	10.845	10.851	(0.950)	97384	0.19322	0.77
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.065	11.076	(0.970)	20855	0.10114	0.40
*	47 1,4-Difluorobenzene	114	11.412	11.429	(1.000)	2975201	2.00000	
	49 Trichloroethene	95	11.766	11.782	(1.031)	11515	0.04136	0.16
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.568	13.579	(0.874)	211584	0.65898	2.6
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.328	14.344	(0.922)	2819	0.00661	0.026(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2587612	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	125415	0.20634	0.82
	69 Xylene (m,p)	106	15.783	15.799	(1.016)	185258	0.88105	3.5
M	70 Xylene, Total	106				247343	1.19003	4.8
	71 Xylene (o)	106	16.302	16.318	(1.050)	62085	0.30898	1.2
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.324	17.340	(1.115)	16760	0.04294	0.17(M)
	81 1,3,5-Trimethylbenzene	105	17.393	17.404	(1.120)	16857	0.05011	0.20

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eerag19.d	Date:	27-MAR-2012 04:22
Client ID:	IA-031512-CM-33	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-5		
Lab Sample ID:	200-9901-5		



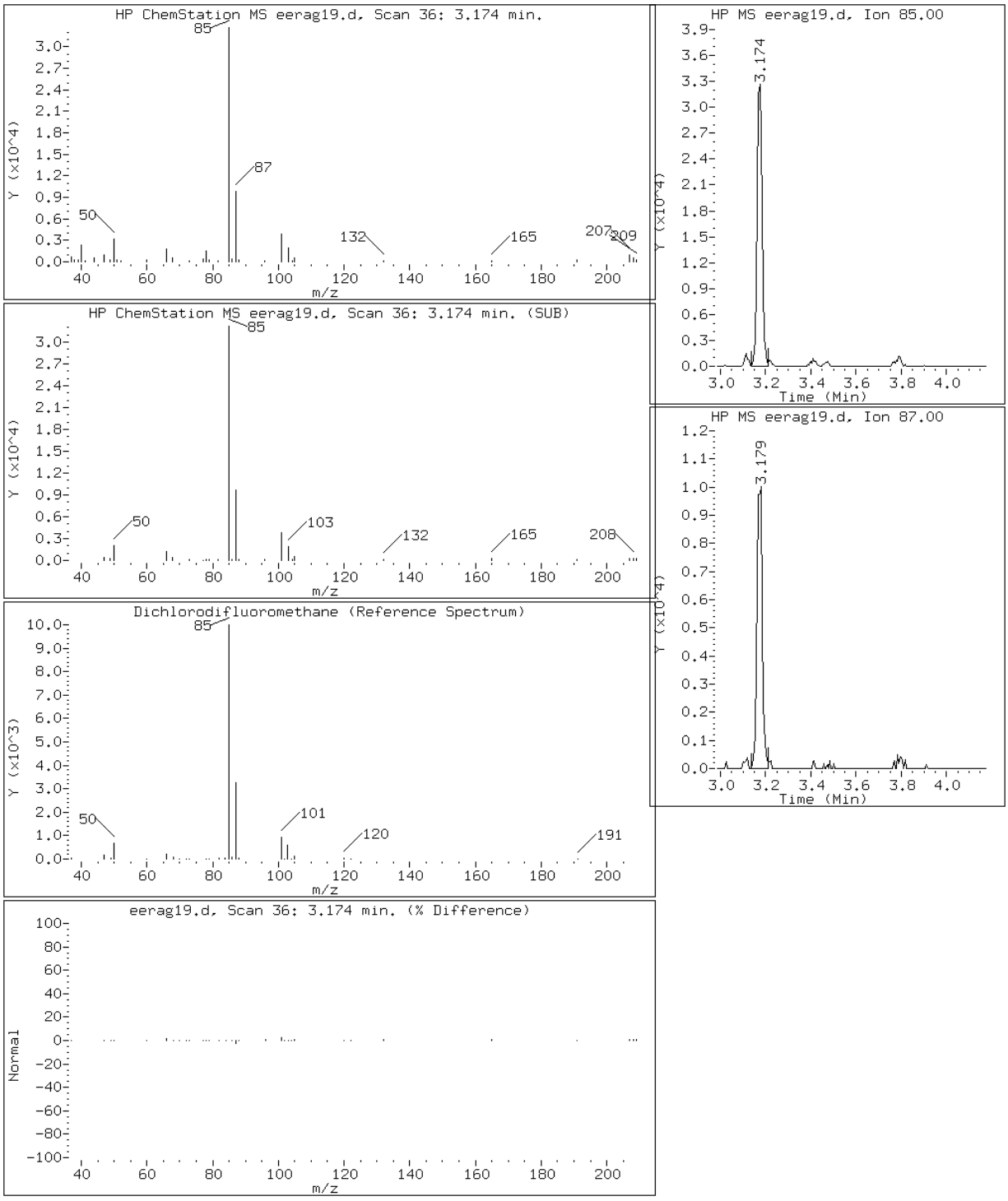
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Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

2 Dichlorodifluoromethane



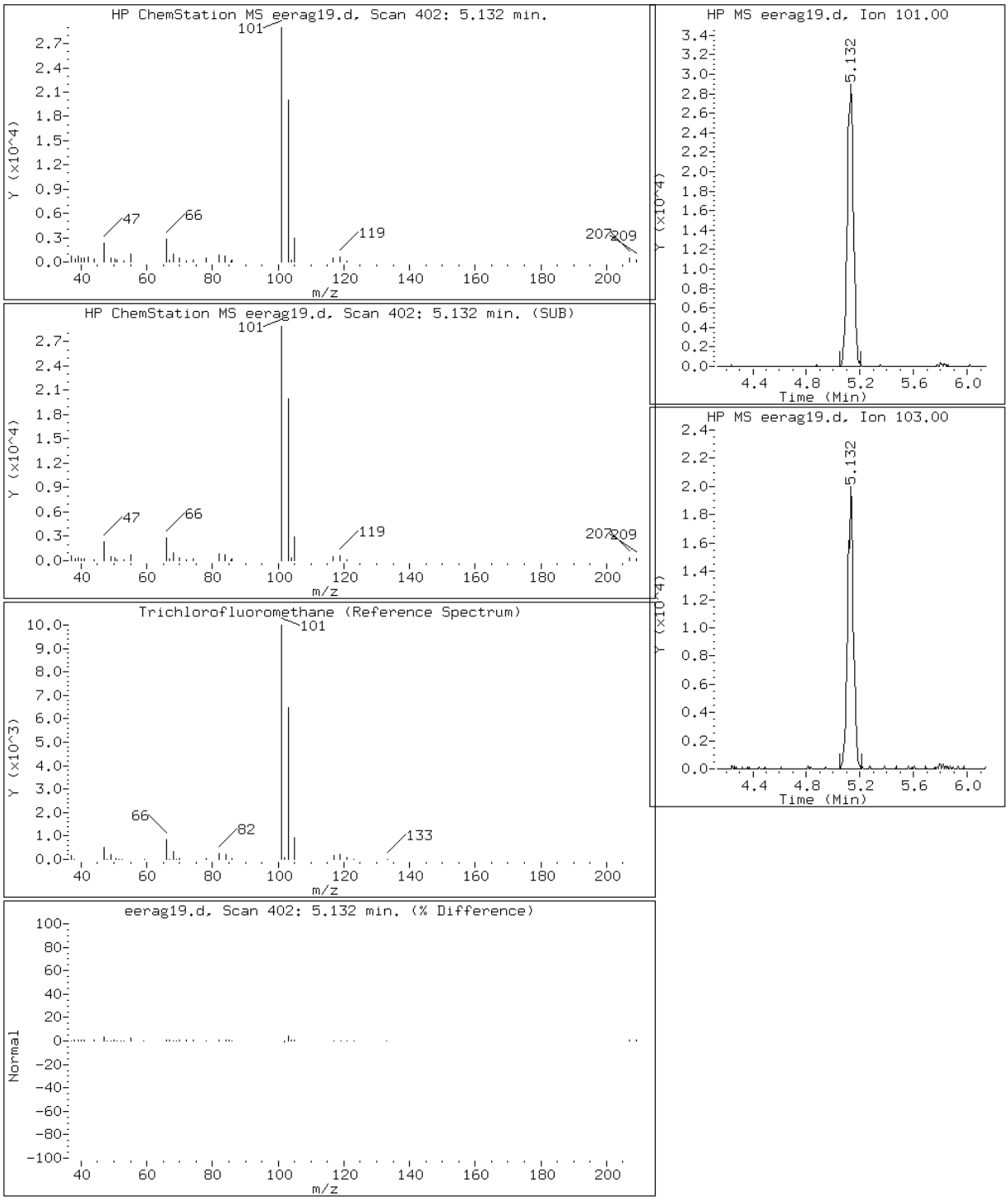
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Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

13 Trichlorofluoromethane



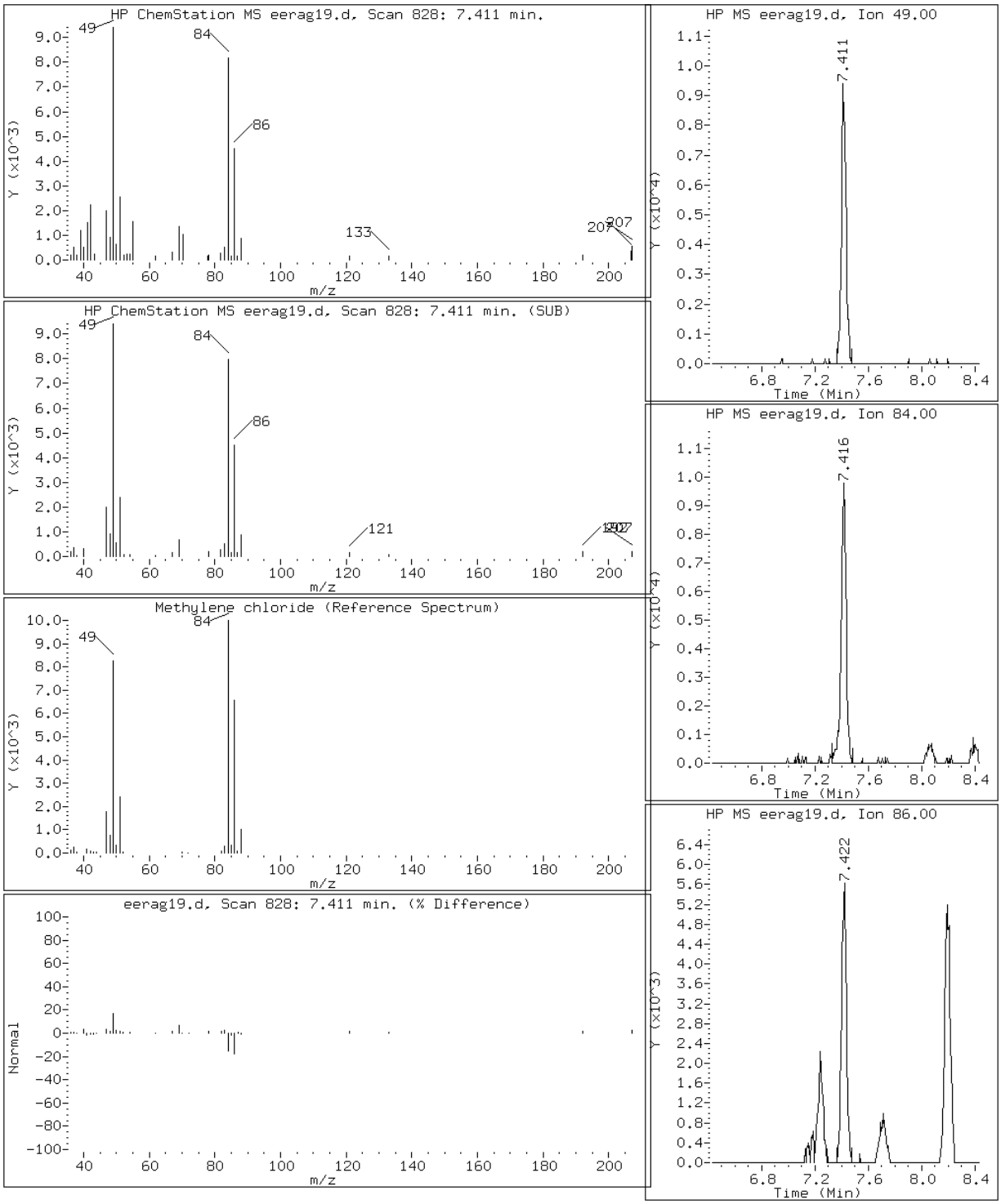
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

25 Methylene chloride



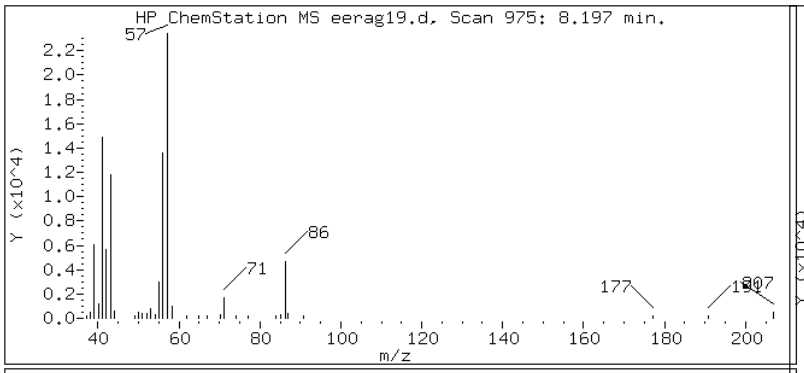
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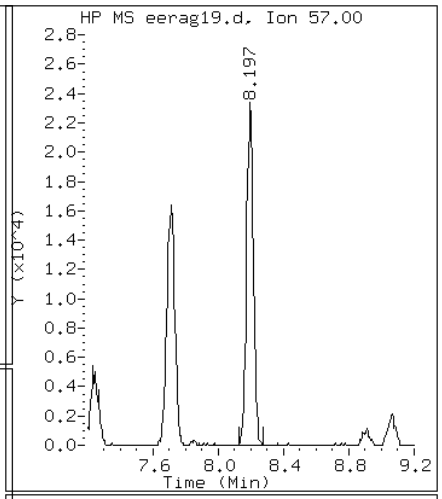
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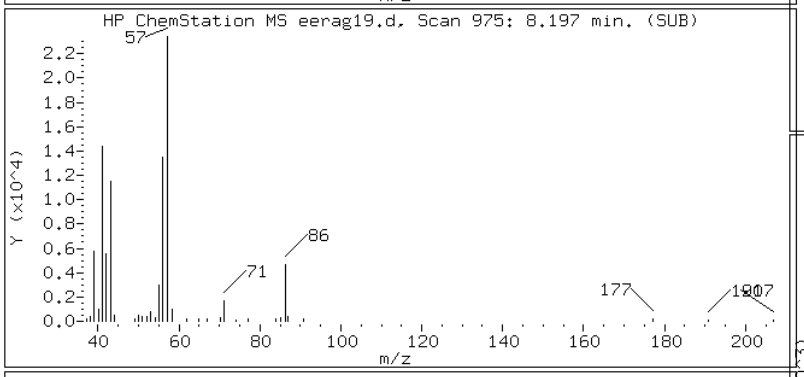
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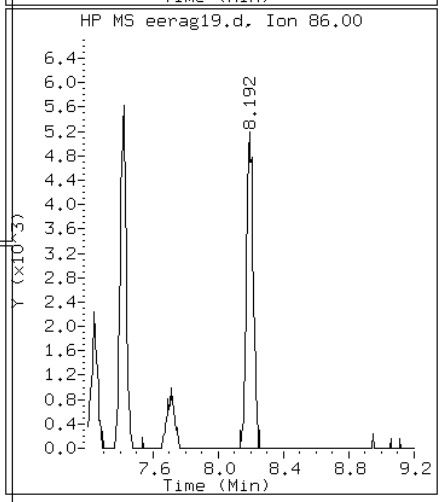
Sample Info: 200-9901-A-5 Operator: wrd

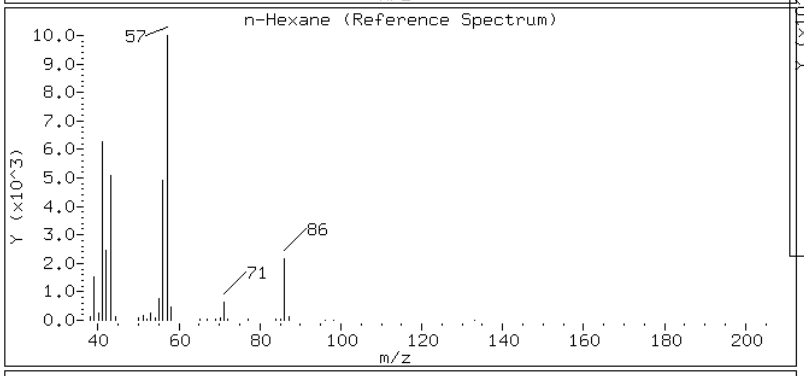
30 n-Hexane

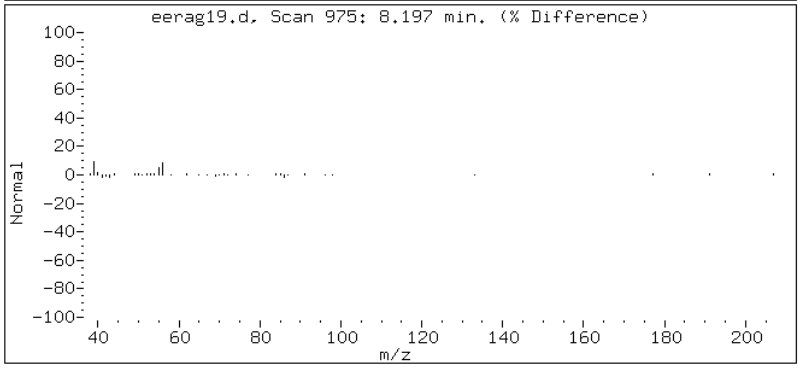












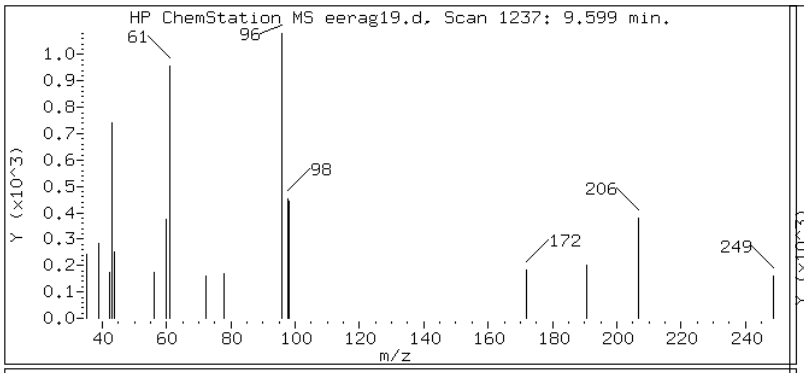
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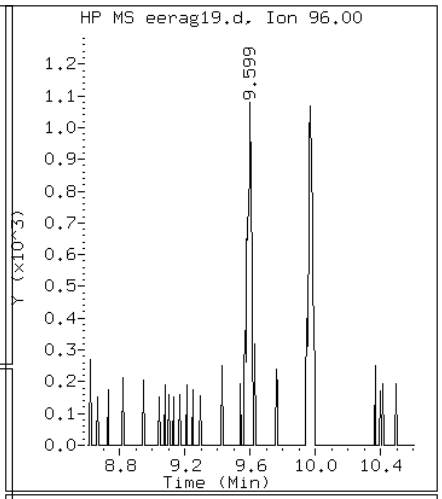
Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

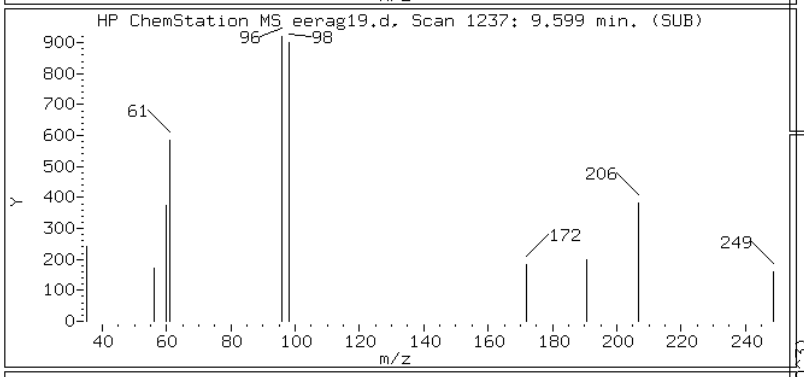
Client ID: IA-031512-CM-33 Instrument: E.i

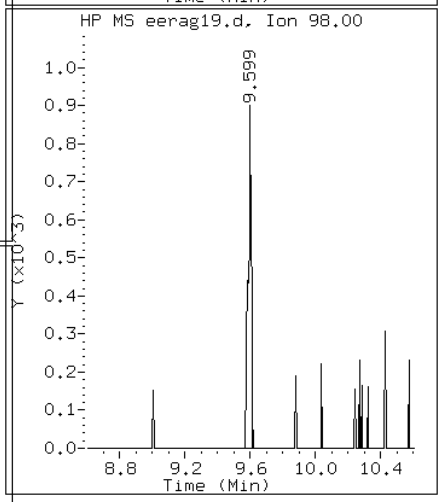
Sample Info: 200-9901-A-5 Operator: wrd

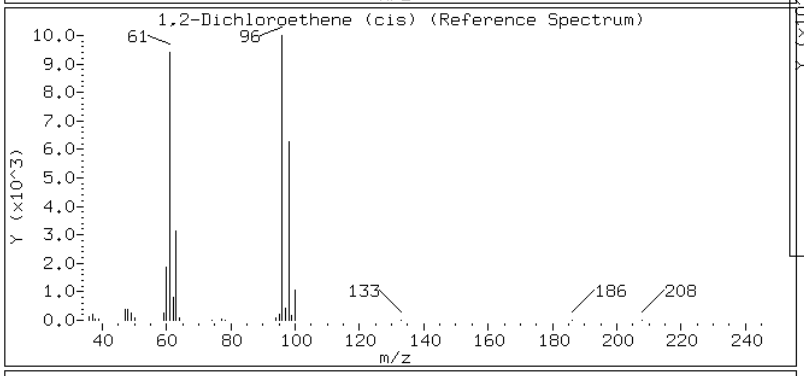
34 1,2-Dichloroethene (cis)

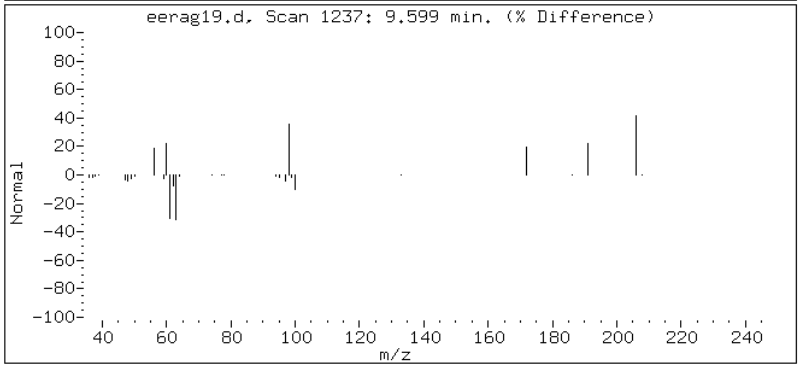












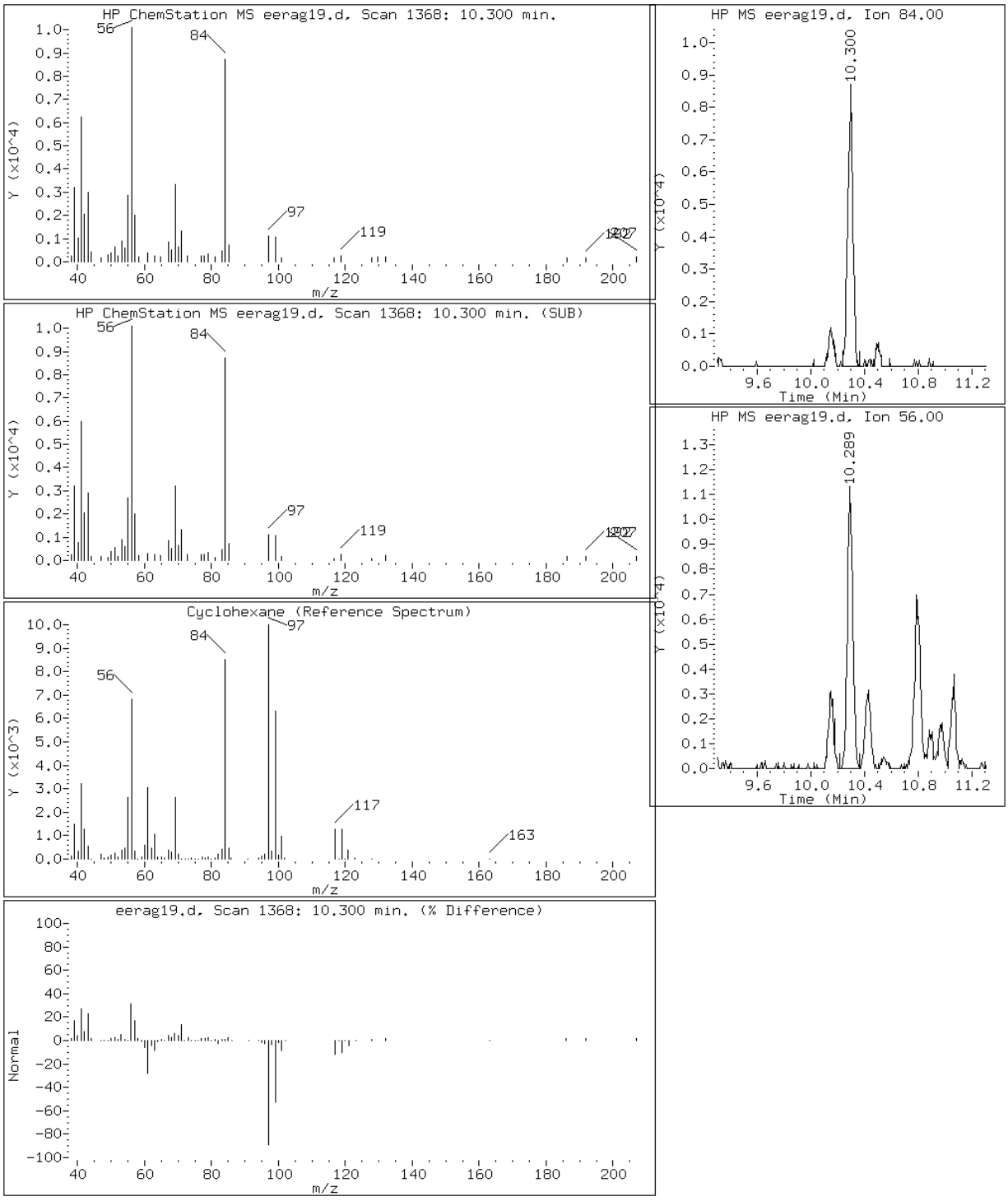
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

40 Cyclohexane



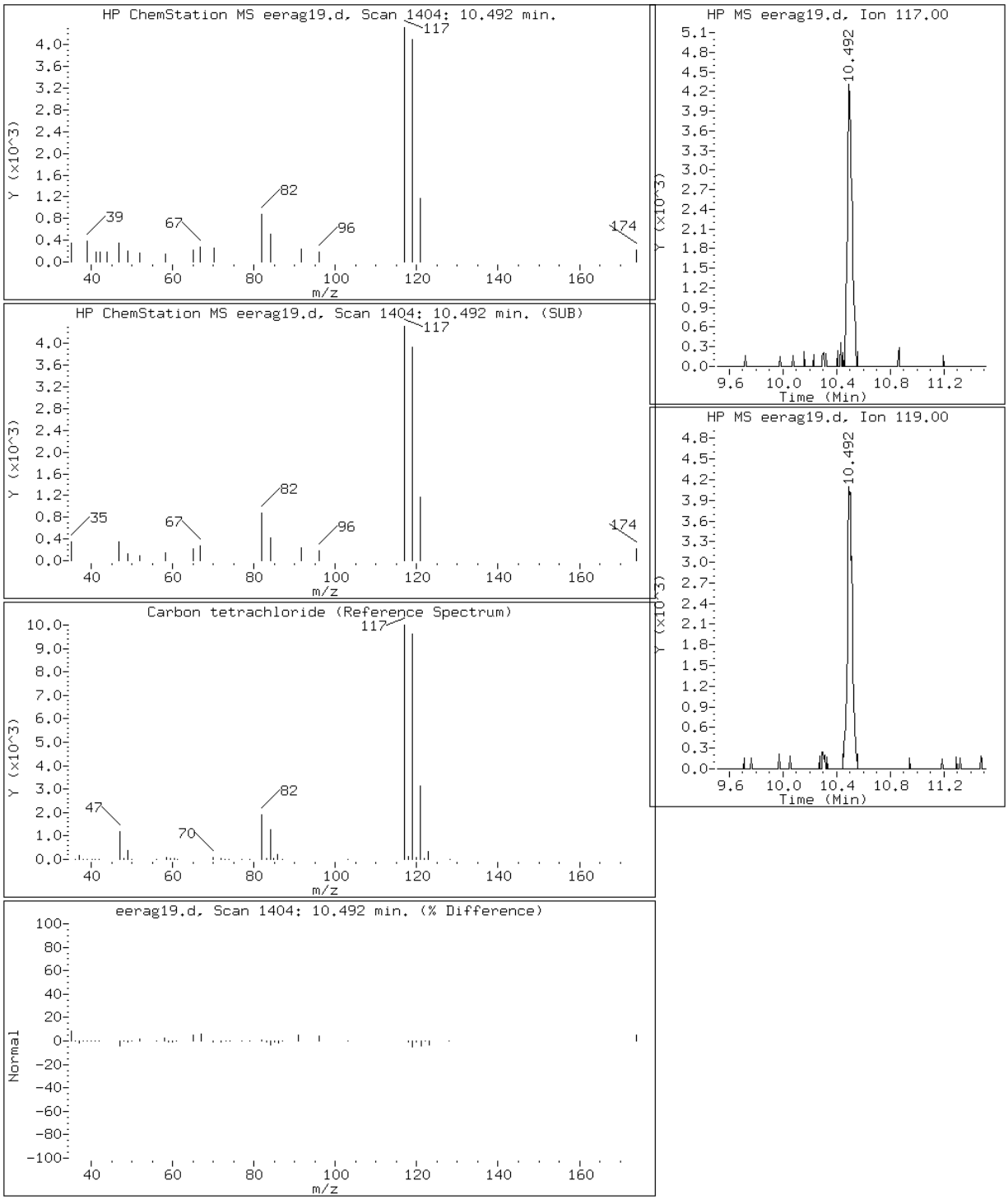
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

42 Carbon tetrachloride



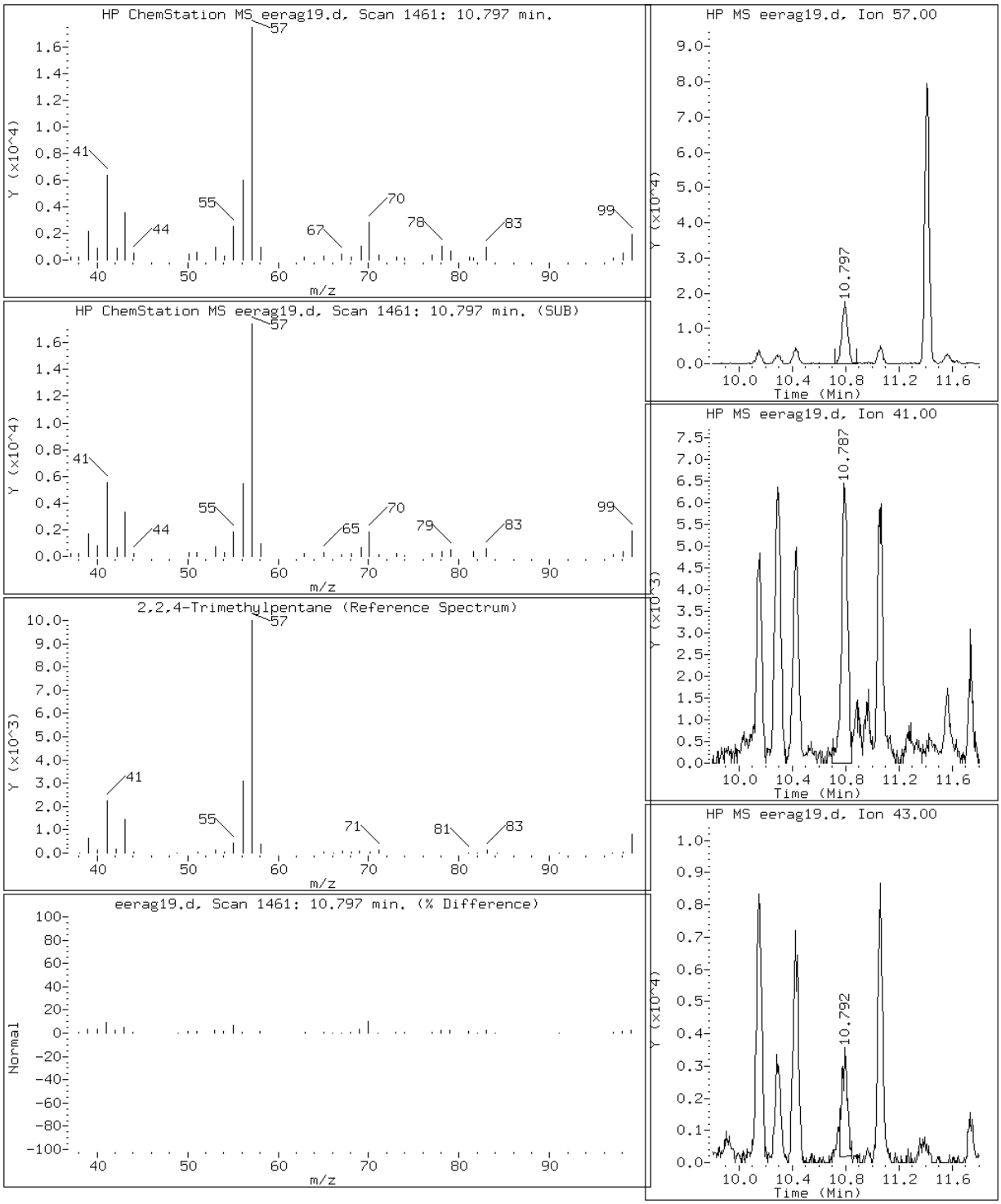
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

43 2,2,4-Trimethylpentane



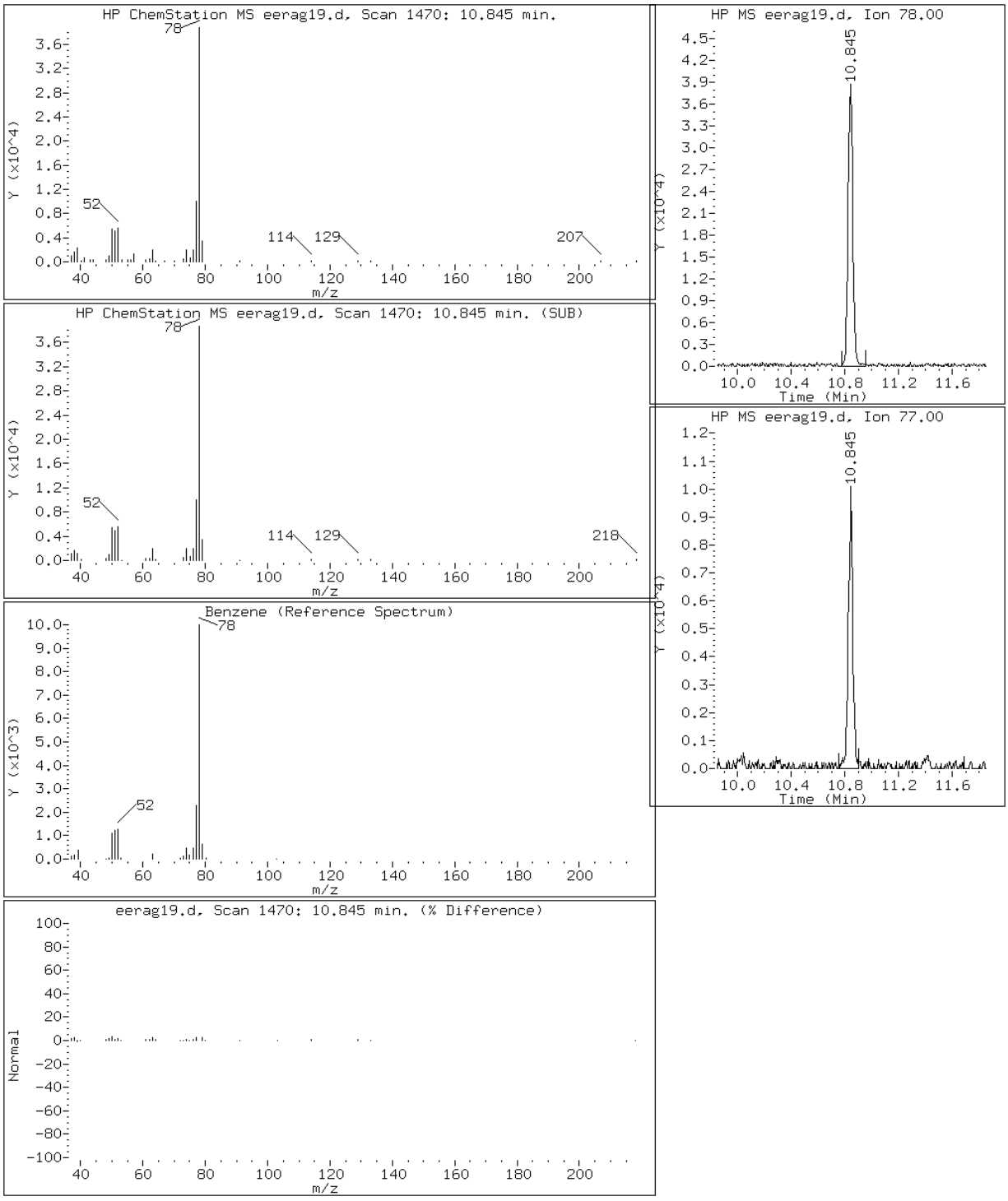
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

44 Benzene



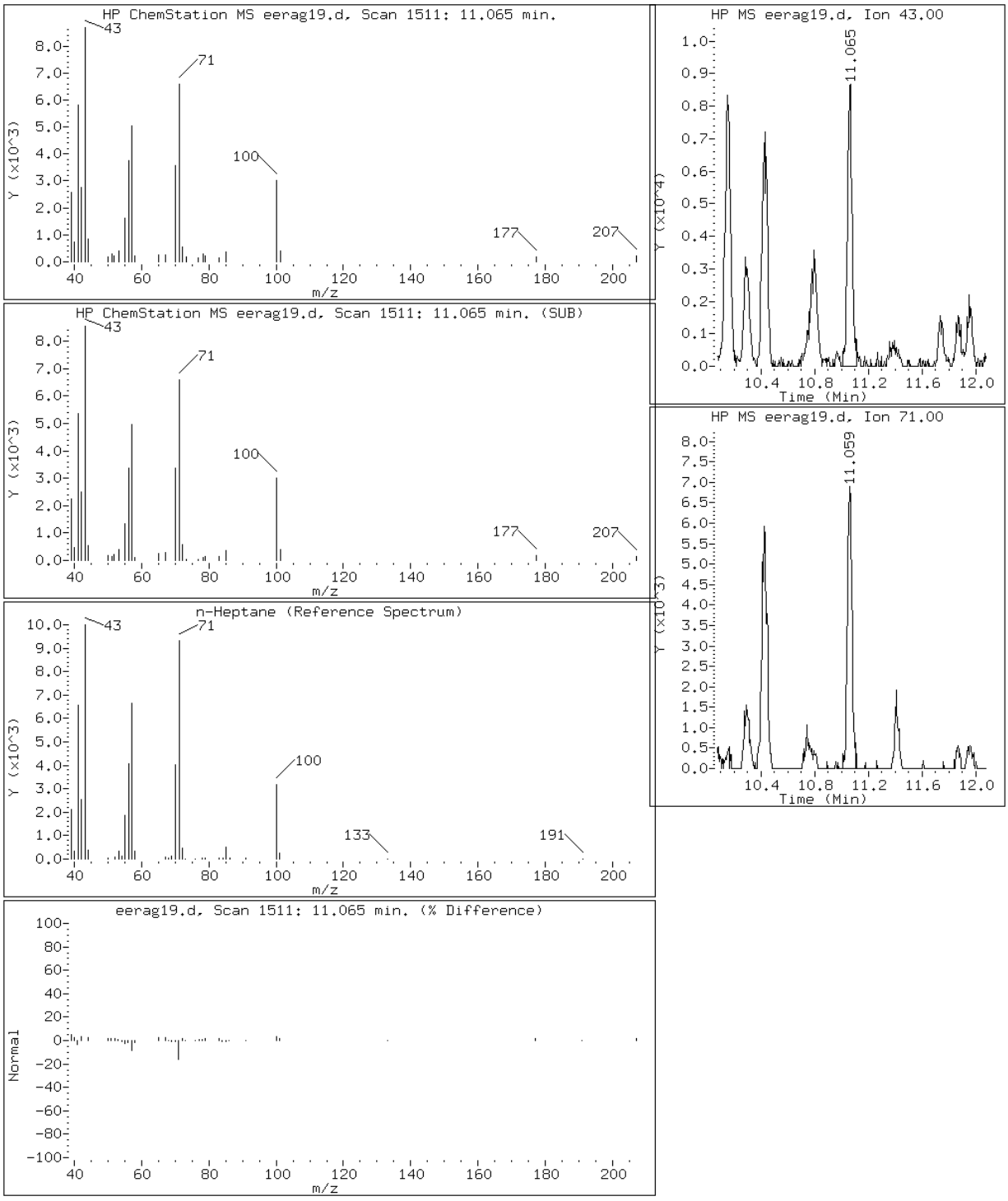
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

46 n-Heptane



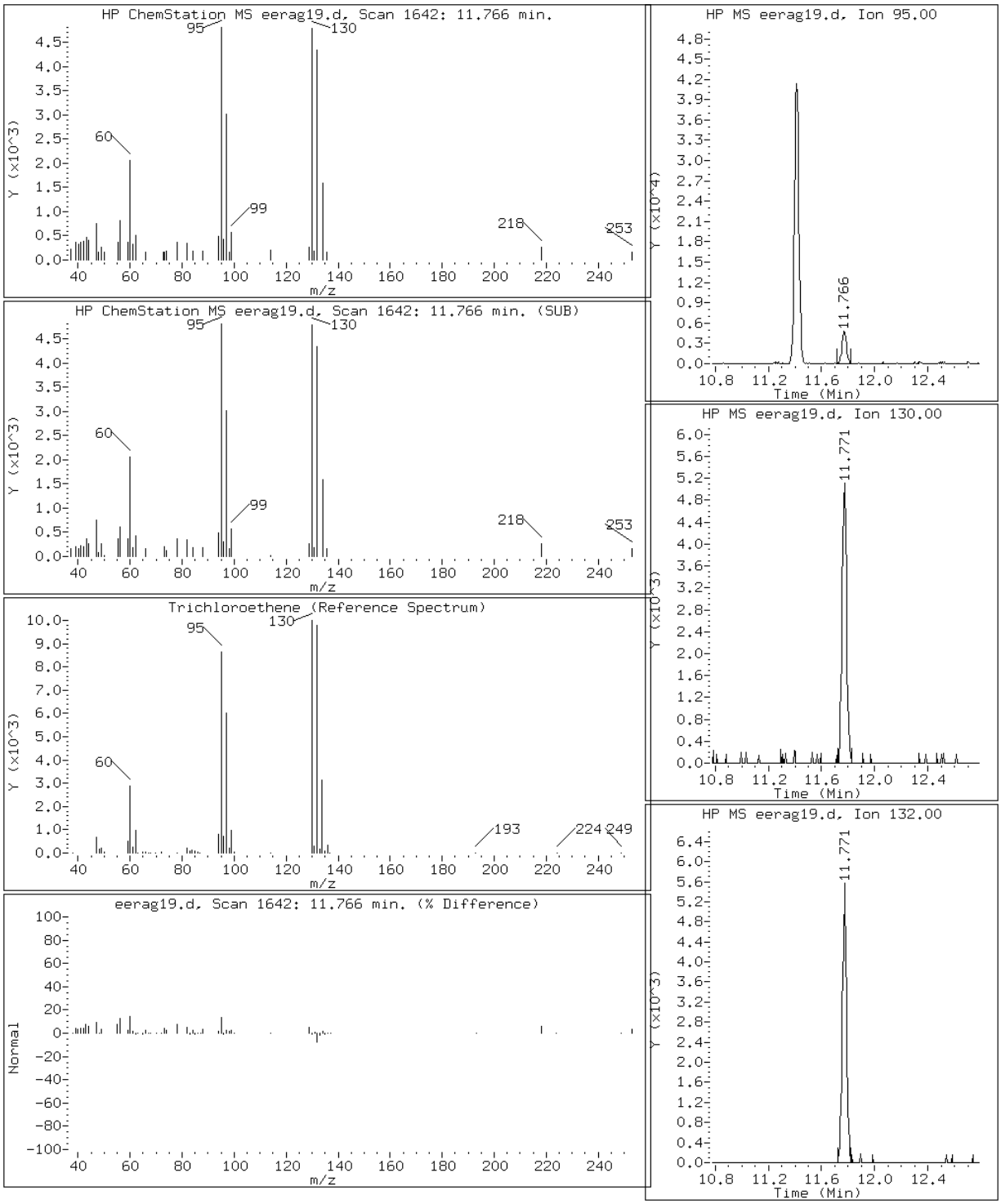
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Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

49 Trichloroethene



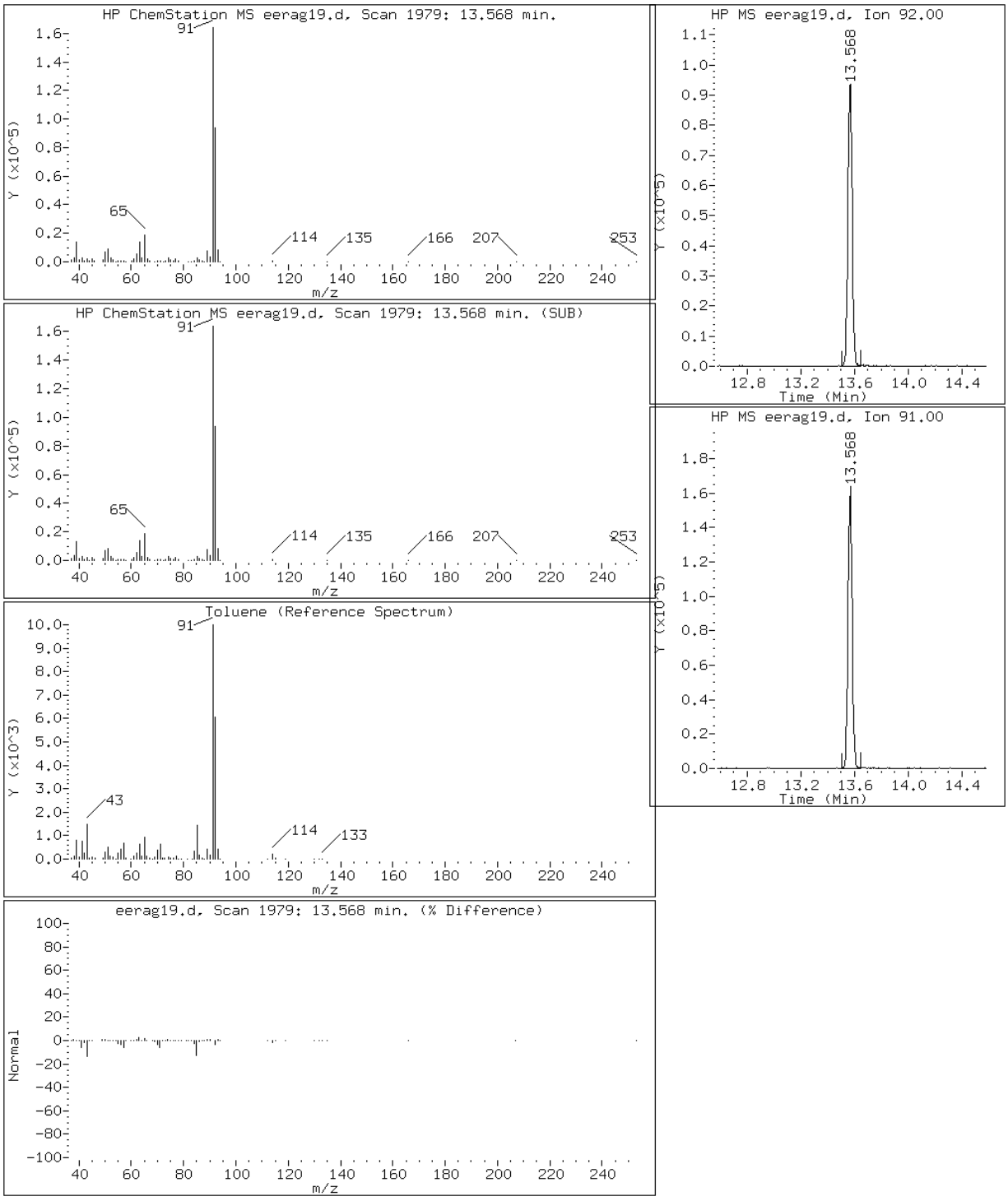
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

58 Toluene



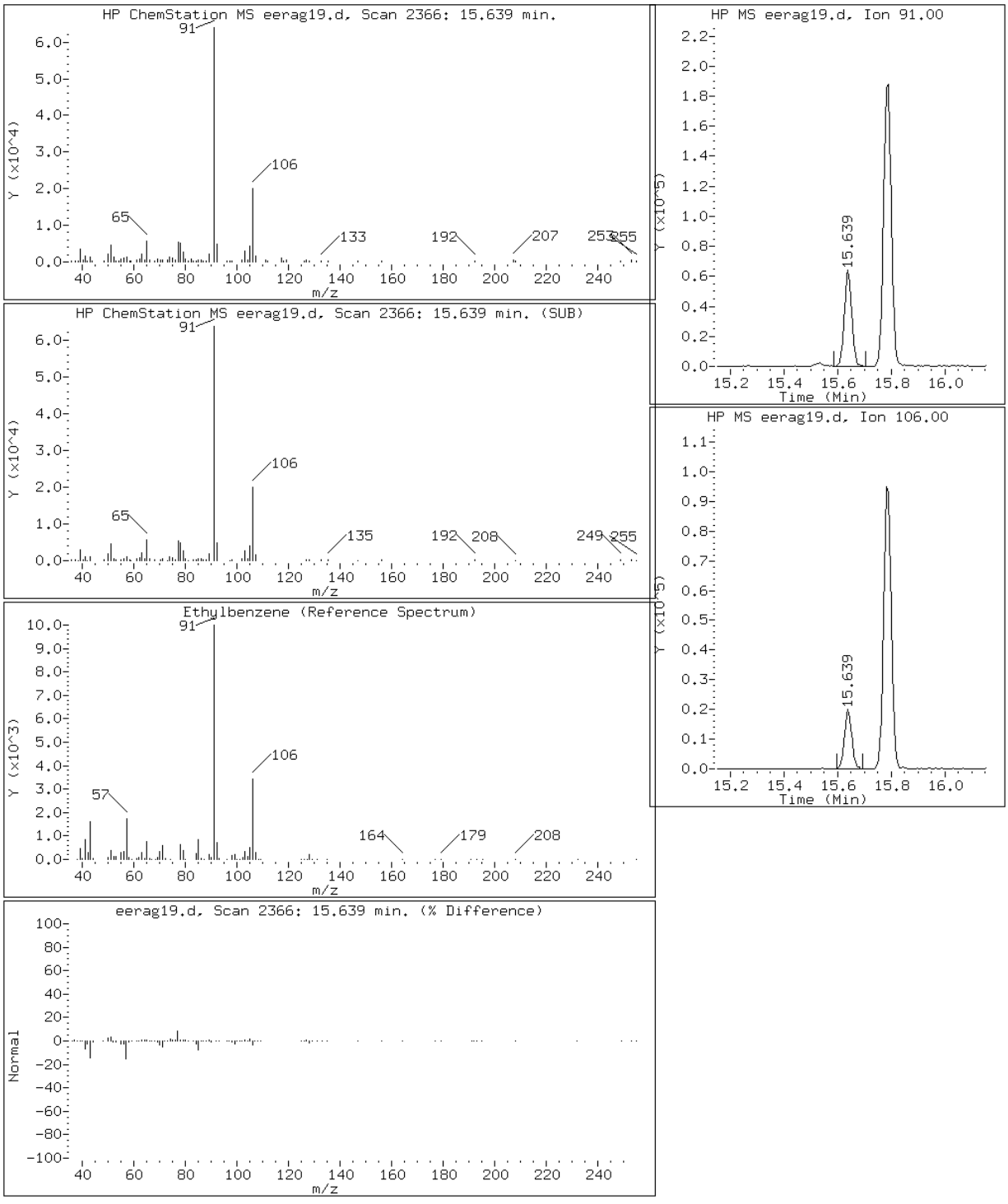
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

67 Ethylbenzene



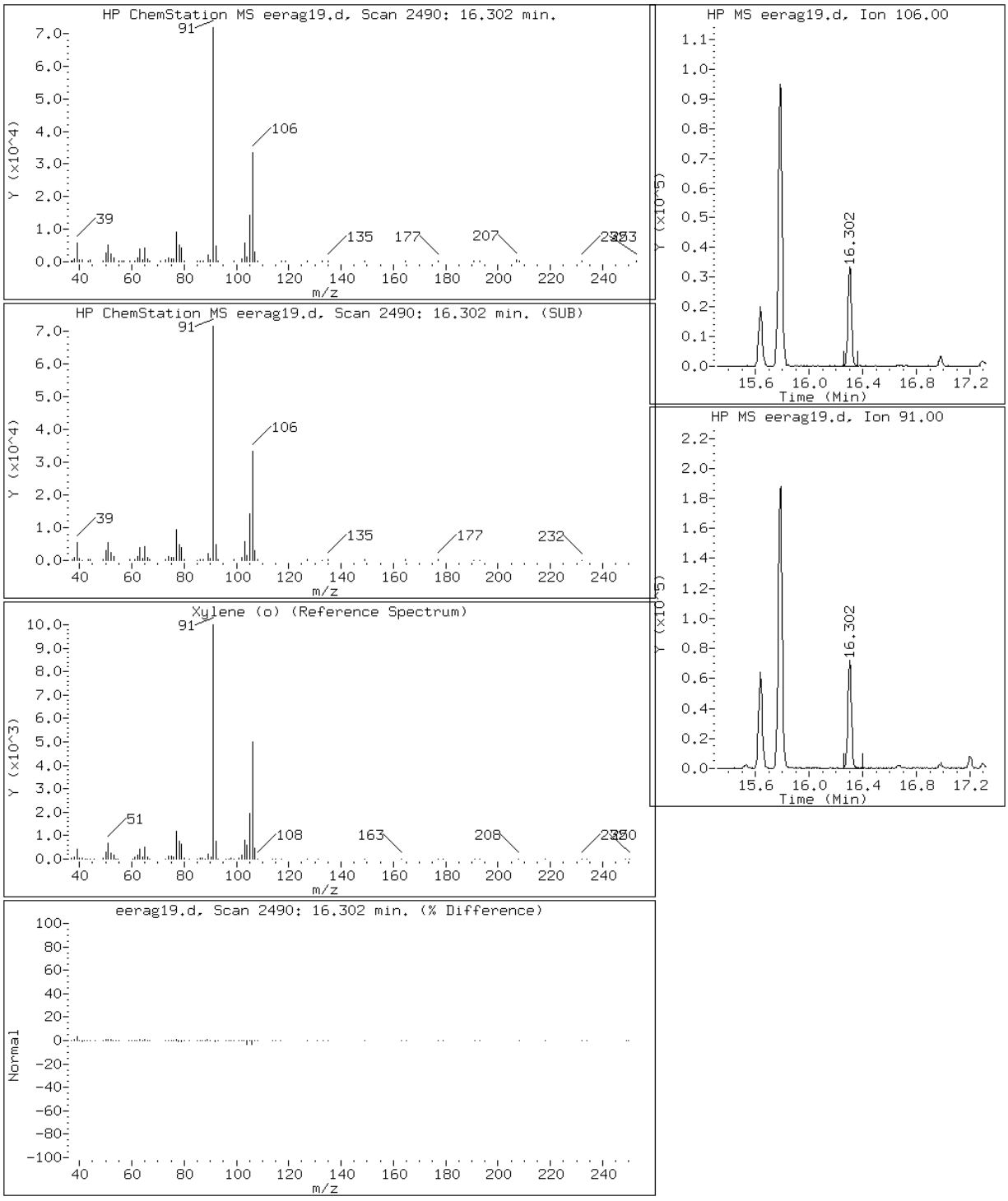
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

71 Xylene (o)



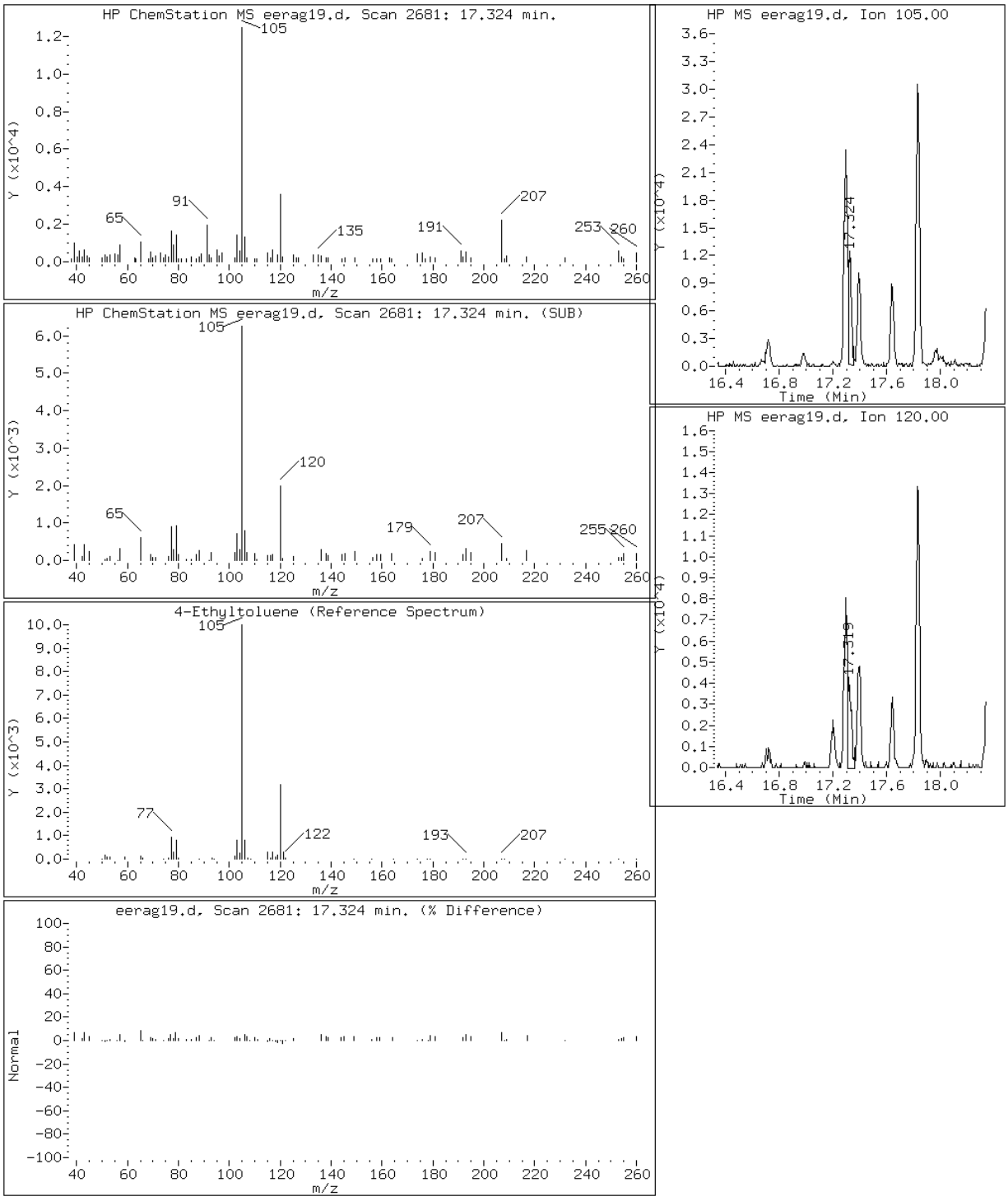
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

79 4-Ethyltoluene



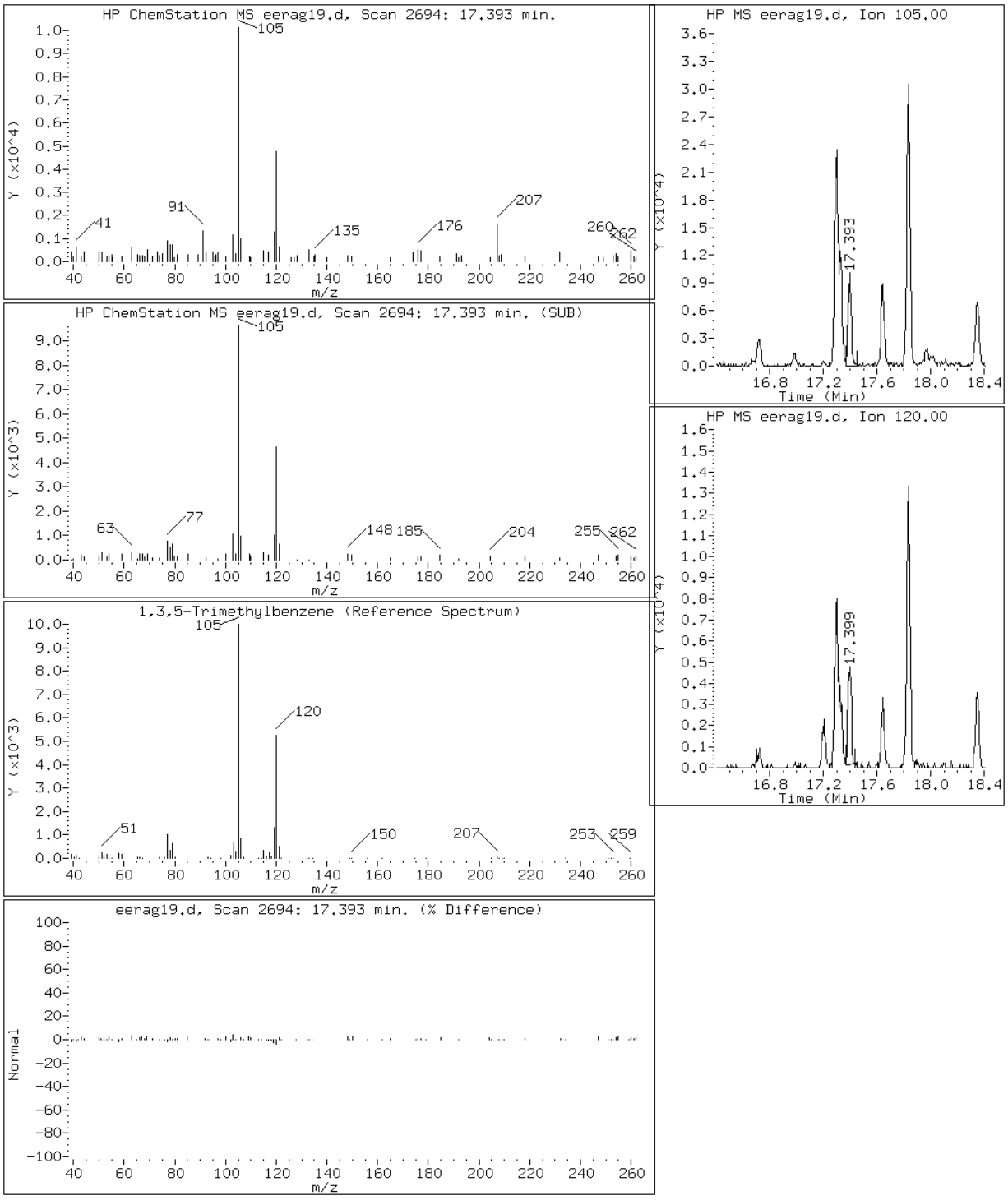
Data File: eerag19.d

Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

Client ID: IA-031512-CM-33 Instrument: E.i

Sample Info: 200-9901-A-5 Operator: wrd

81 1,3,5-Trimethylbenzene



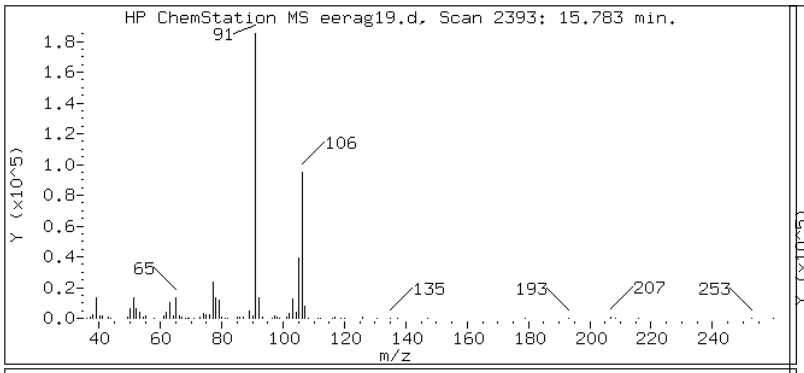
Data File: eerag19.d

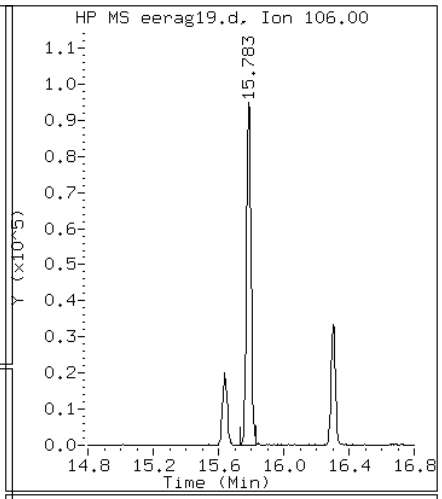
Lab Sample ID: 200-9901-5 Date: 27-MAR-2012 04:22

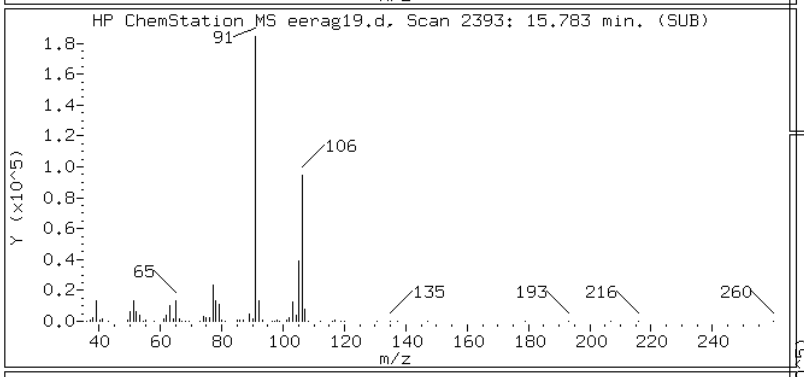
Client ID: IA-031512-CM-33 Instrument: E.i

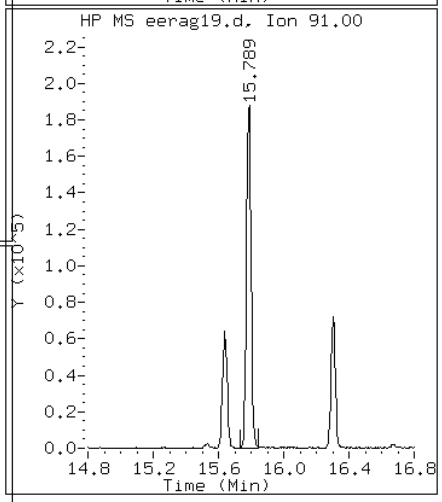
Sample Info: 200-9901-A-5 Operator: wrd

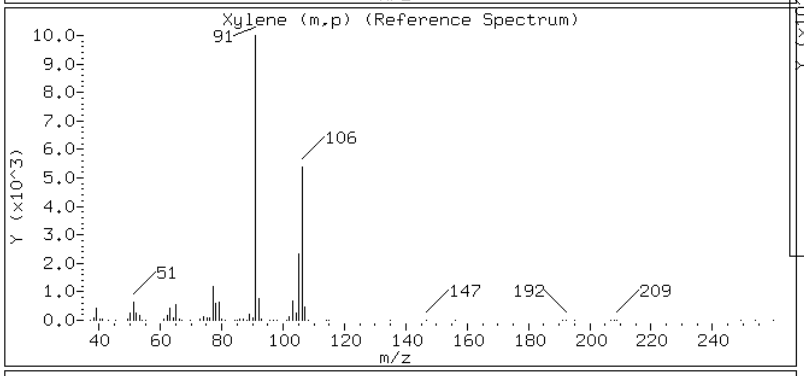
69 Xylene (m,p)

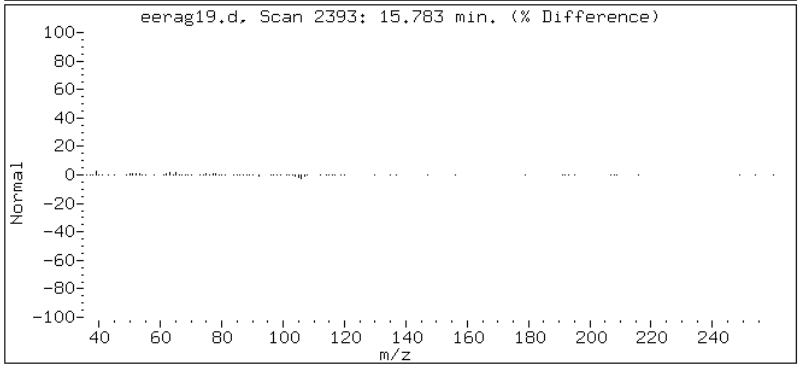












Manual Integration Report

Data File: eerag19.d
Lab Sample ID: 200-9901-5
Inj. Date and Time: 27-MAR-2012 04:22
Instrument ID: E.i
Client ID: IA-031512-CM-33
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

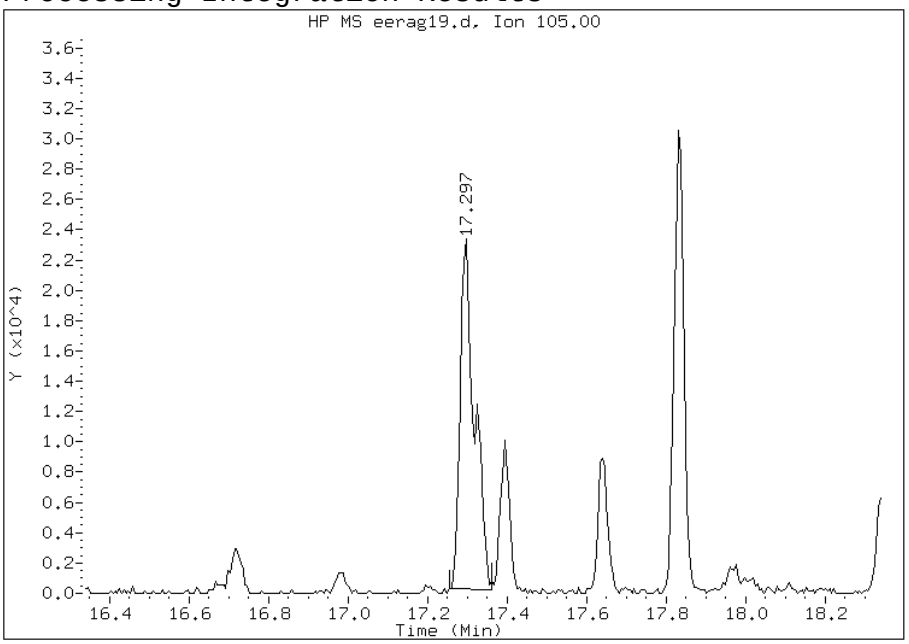
Processing Integration Results

RT: 17.30

Response: 58535

Amount: 0.149964

Conc: 0.599858



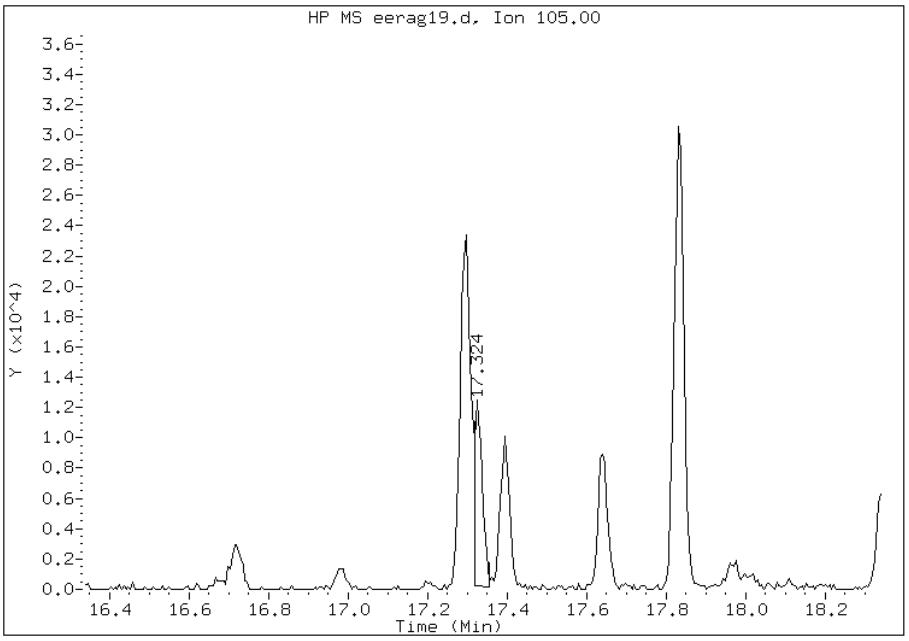
Manual Integration Results

RT: 17.32

Response: 16760

Amount: 0.042938

Conc: 0.171754



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-34 Lab Sample ID: 200-9901-6

Matrix: Air Lab File ID: eerag20.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:16

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 05:16

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.49		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.52		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	1.2		0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	1.7		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.041		0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.48		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.067		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.31		0.040	0.040
71-43-2	Benzene	78.11	0.70		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.42		0.040	0.040
79-01-6	Trichloroethene	131.39	0.11		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	2.5		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	1.2		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-34 Lab Sample ID: 200-9901-6

Matrix: Air Lab File ID: eerag20.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:16

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 05:16

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	2.0		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.30		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.23		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.041		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	5.6		0.040	0.040
1330-20-7	Xylenes, Total	106.17	7.6		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-34 Lab Sample ID: 200-9901-6

Matrix: Air Lab File ID: eerag20.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:16

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 05:16

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.4		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	2.9		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	4.3		1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	5.9		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16		0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	1.7		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.42		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	1.4		0.19	0.19
71-43-2	Benzene	78.11	2.2		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.7		0.16	0.16
79-01-6	Trichloroethene	131.39	0.57		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	9.5		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	5.3		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-34 Lab Sample ID: 200-9901-6

Matrix: Air Lab File ID: eerag20.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:16

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 05:16

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	8.8		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	1.5		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16		0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	24		0.17	0.17
1330-20-7	Xylenes, Total	106.17	33		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-6
Client Smp ID: IA-031512-CM-34
Inj Date : 27-MAR-2012 05:16
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-6
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 4
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

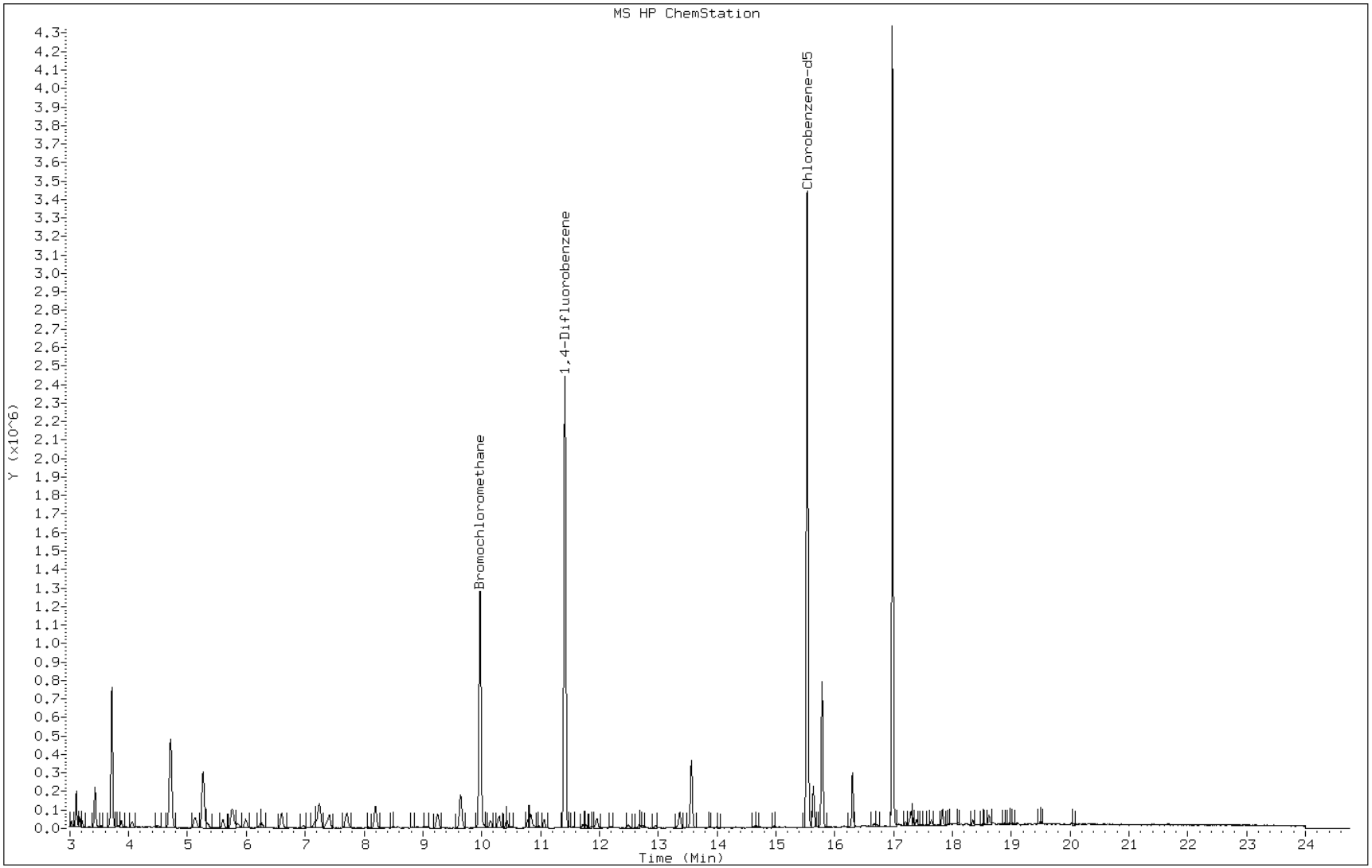
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	48051	0.12298	0.49
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.816	3.827	(0.383)	920	0.01255	0.050(a)
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.121	5.138	(0.514)	74414	0.12891	0.52
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.271	6.282	(0.629)	7609	0.02022	0.081(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.411	7.433	(0.743)	43414	0.30864	1.2
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.197	8.203	(0.822)	83060	0.41818	1.7
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61				1720	0.01037	0.041
	34 1,2-Dichloroethene (cis)	96	9.583	9.605	(0.961)	1720	0.01037	0.041
*	36 Bromochloromethane	128	9.968	9.990	(1.000)	541321	2.00000	
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	10.294	10.305	(0.902)	29081	0.12082	0.48(Q)
	41 1,1,1-Trichloroethane	97	10.300	10.316	(0.902)	2852	0.00569	0.023(a)
	42 Carbon tetrachloride	117	10.492	10.514	(0.919)	9815	0.01686	0.067
	43 2,2,4-Trimethylpentane	57	10.797	10.803	(0.946)	46944	0.07726	0.31
	44 Benzene	78	10.835	10.851	(0.949)	79003	0.17399	0.70
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.059	11.076	(0.969)	19668	0.10587	0.42
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	2680408	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	6644	0.02649	0.10
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.568	13.579	(0.874)	196013	0.63302	2.5
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2495481	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	178383	0.30433	1.2
	69 Xylene (m,p)	106	15.783	15.799	(1.016)	283505	1.39807	5.6
M	70 Xylene, Total	106				382126	1.90700	7.6
	71 Xylene (o)	106	16.302	16.318	(1.050)	98621	0.50893	2.0
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.319	17.340	(1.115)	28082	0.07460	0.30(M)
	81 1,3,5-Trimethylbenzene	105	17.394	17.404	(1.120)	18309	0.05644	0.22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eerag20.d	Date:	27-MAR-2012 05:16
Client ID:	IA-031512-CM-34	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-6		
Lab Sample ID:	200-9901-6		



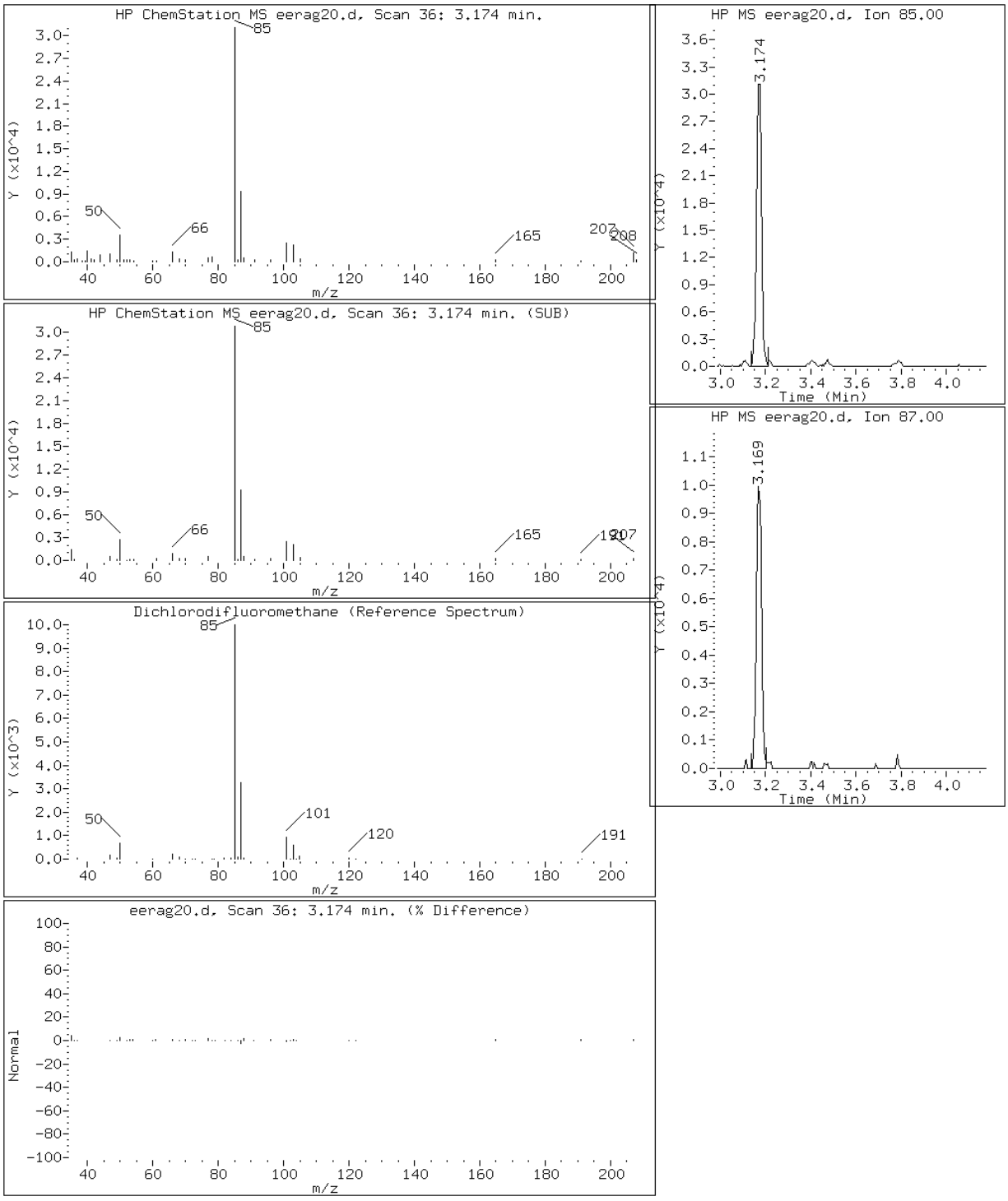
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

2 Dichlorodifluoromethane



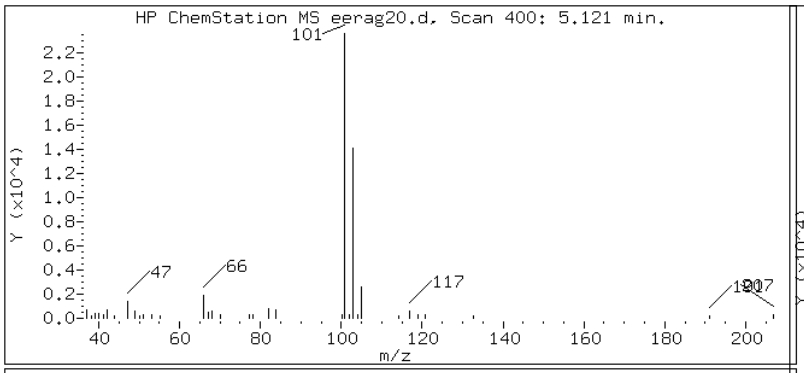
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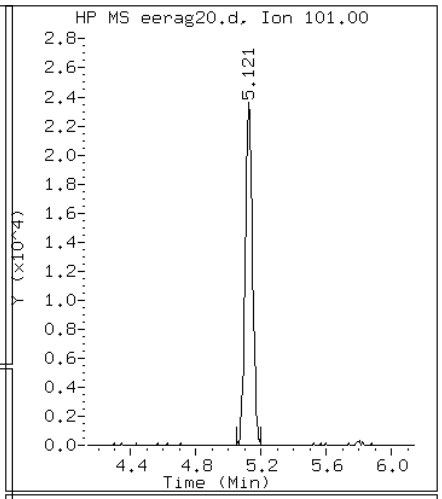
Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

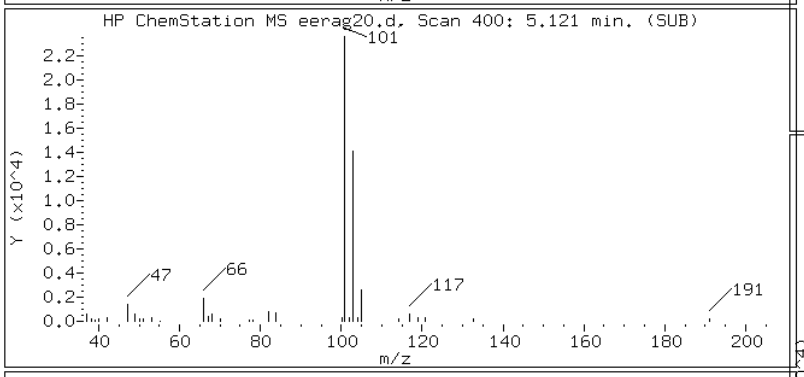
Client ID: IA-031512-CM-34 Instrument: E.i

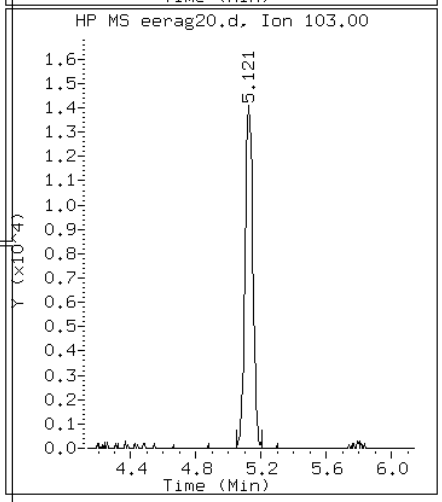
Sample Info: 200-9901-A-6 Operator: wrd

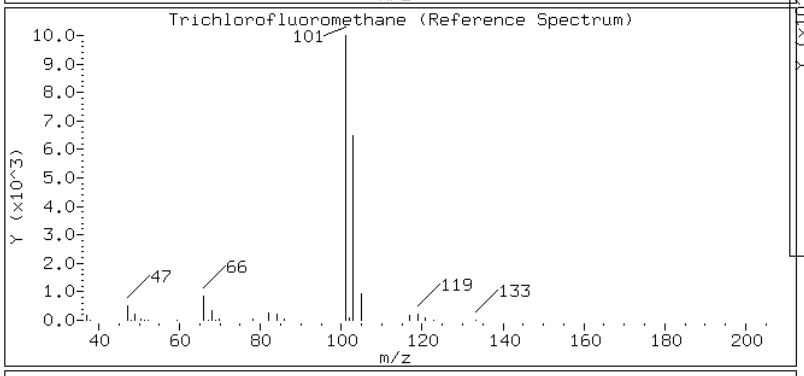
13 Trichlorofluoromethane

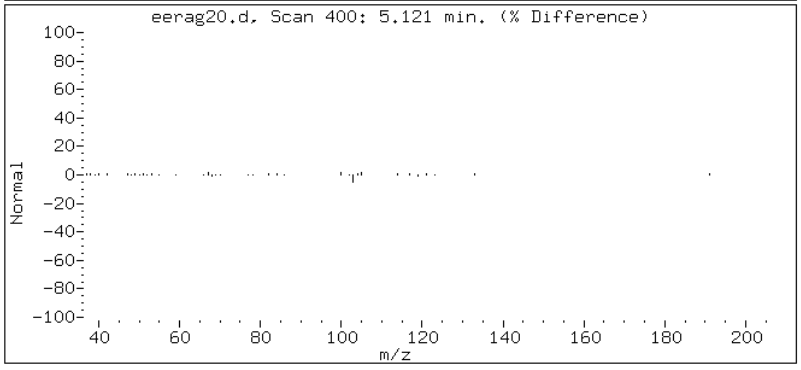












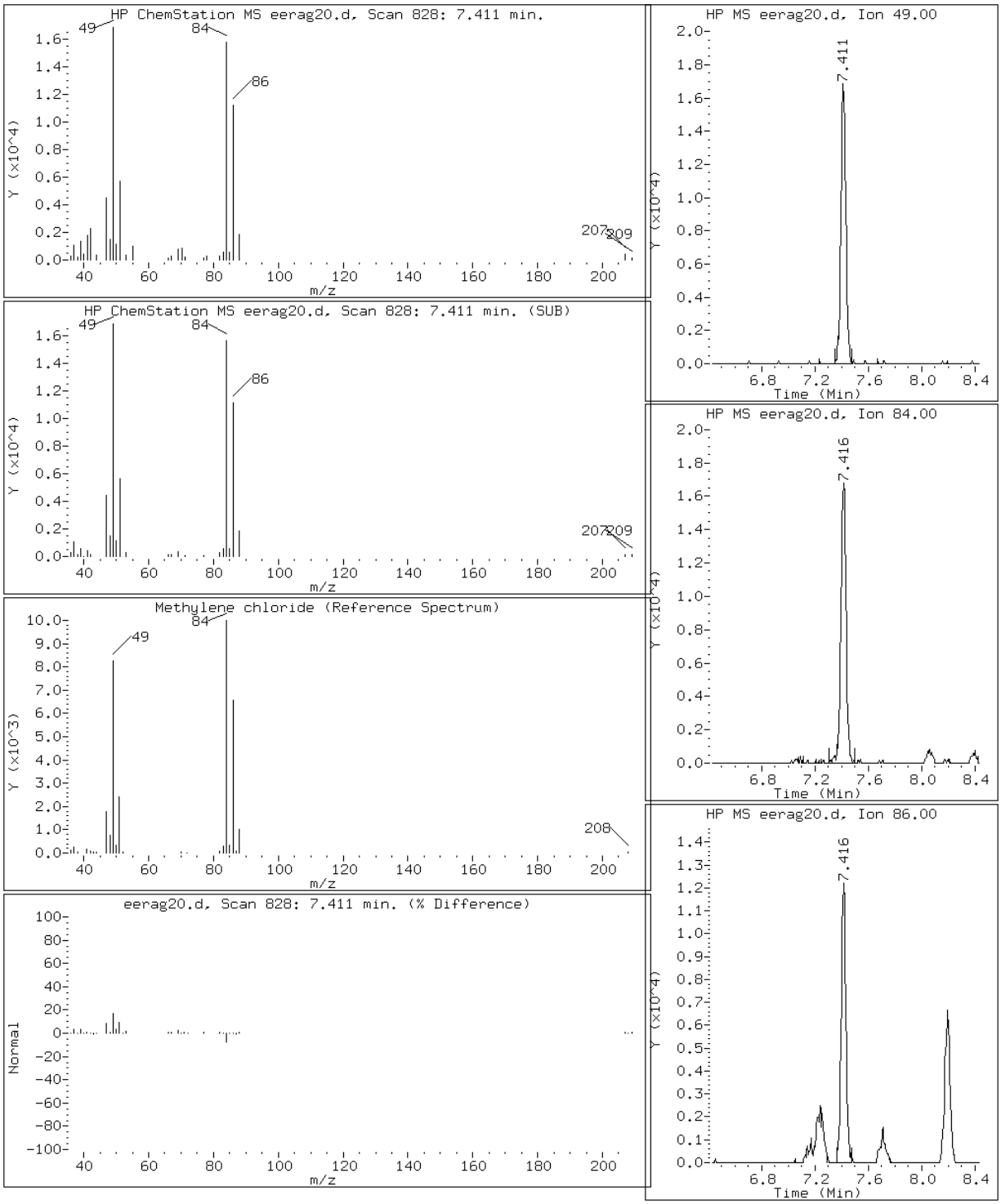
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

25 Methylene chloride



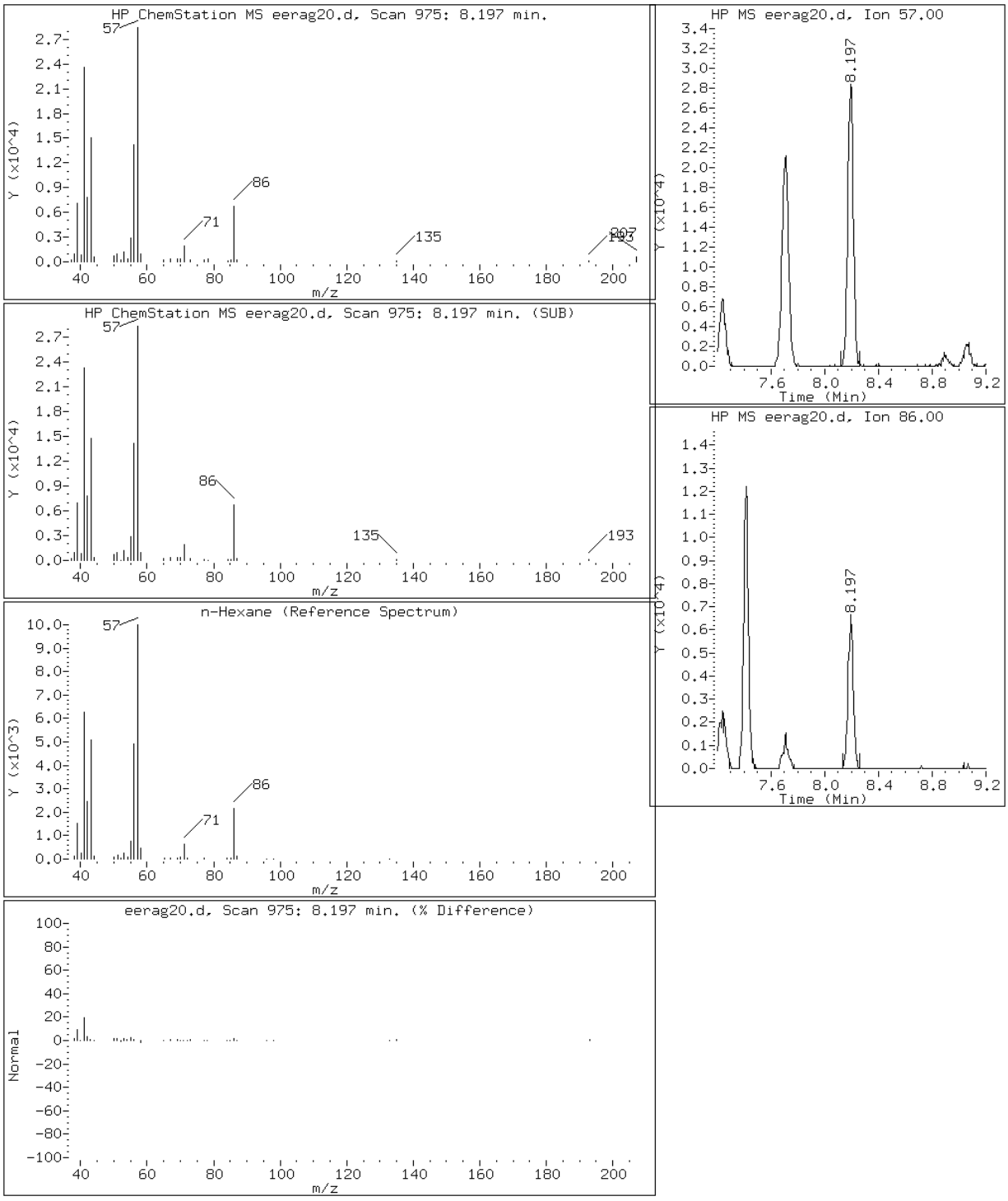
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

30 n-Hexane



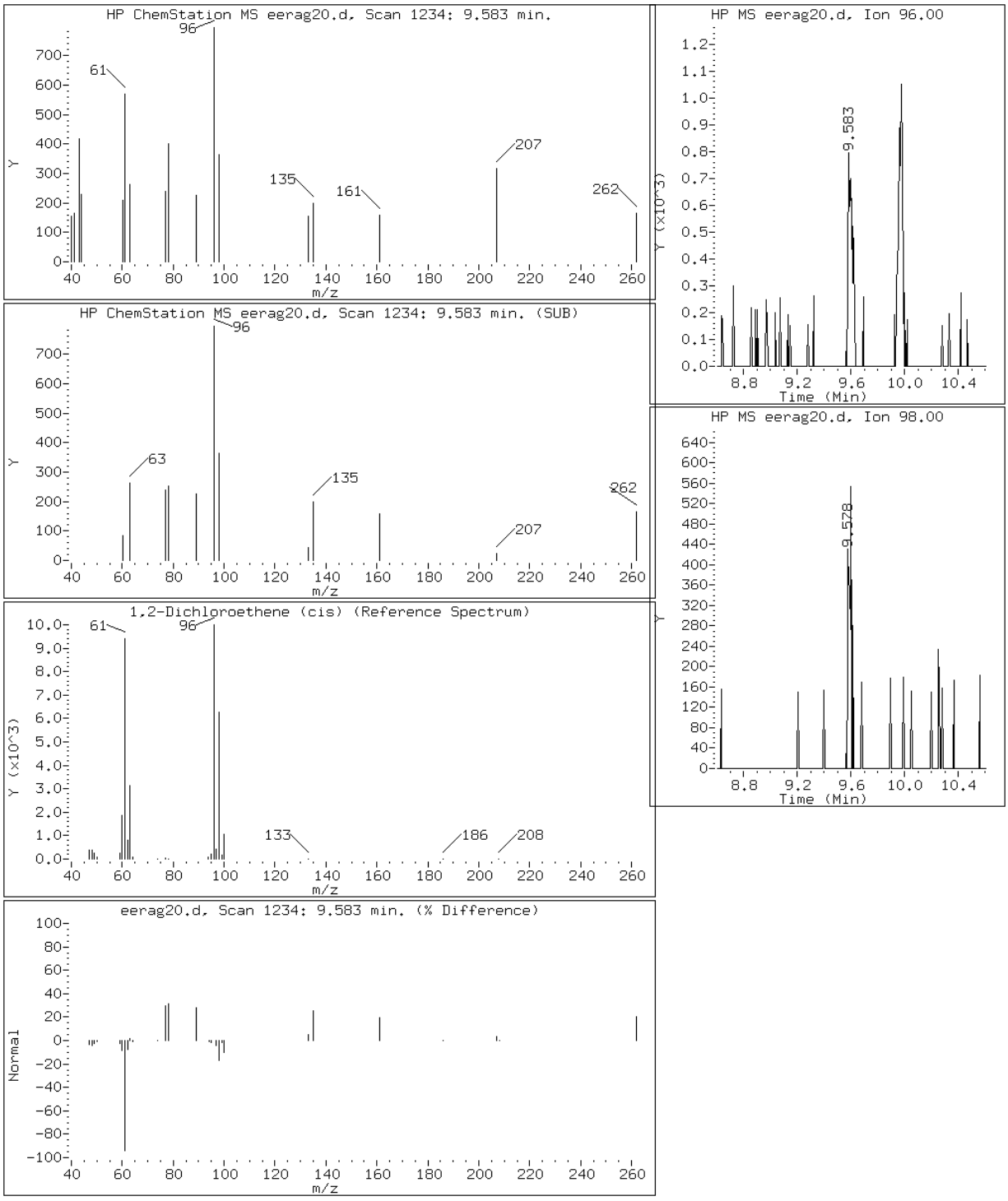
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

34 1,2-Dichloroethene (cis)



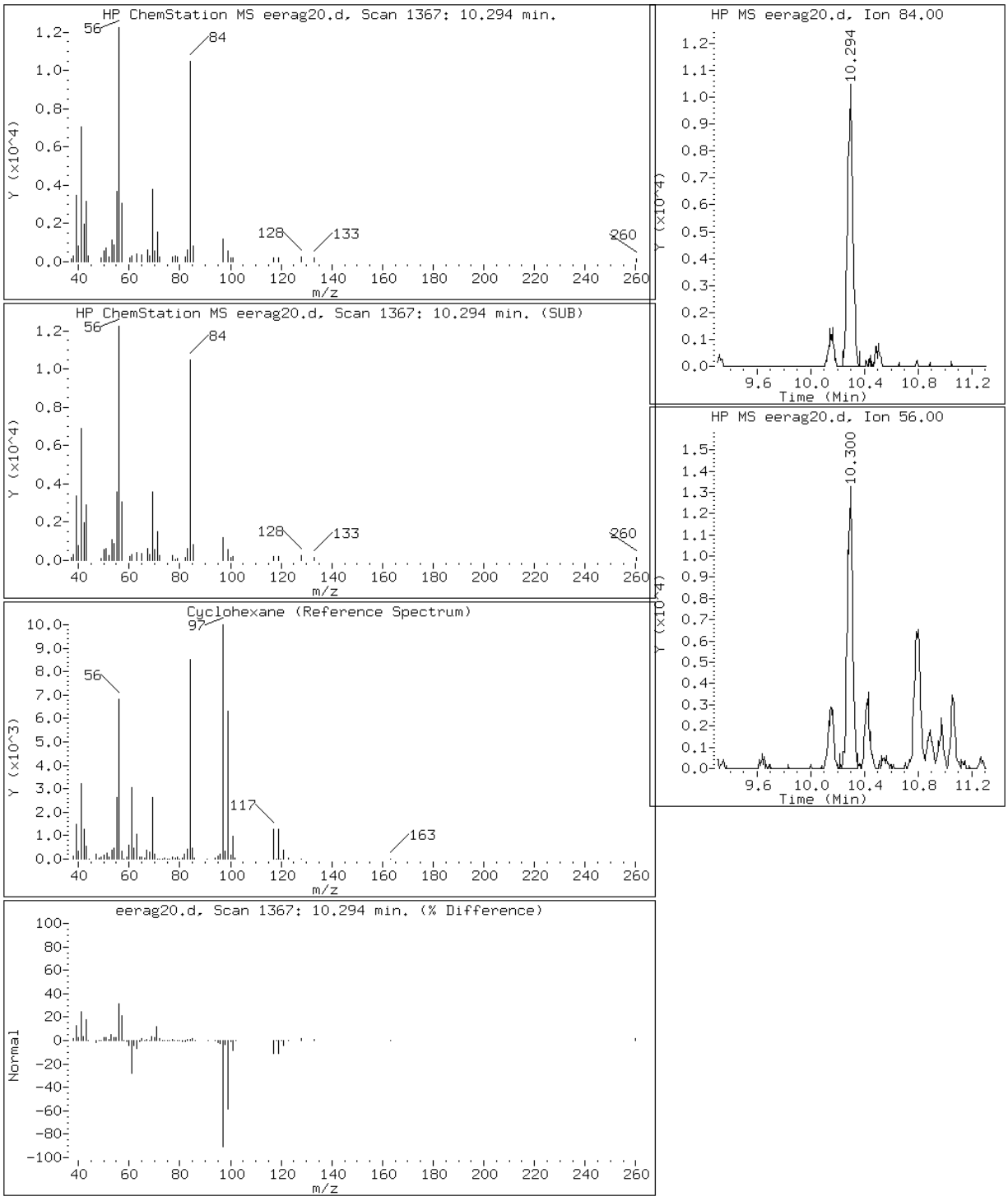
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

40 Cyclohexane



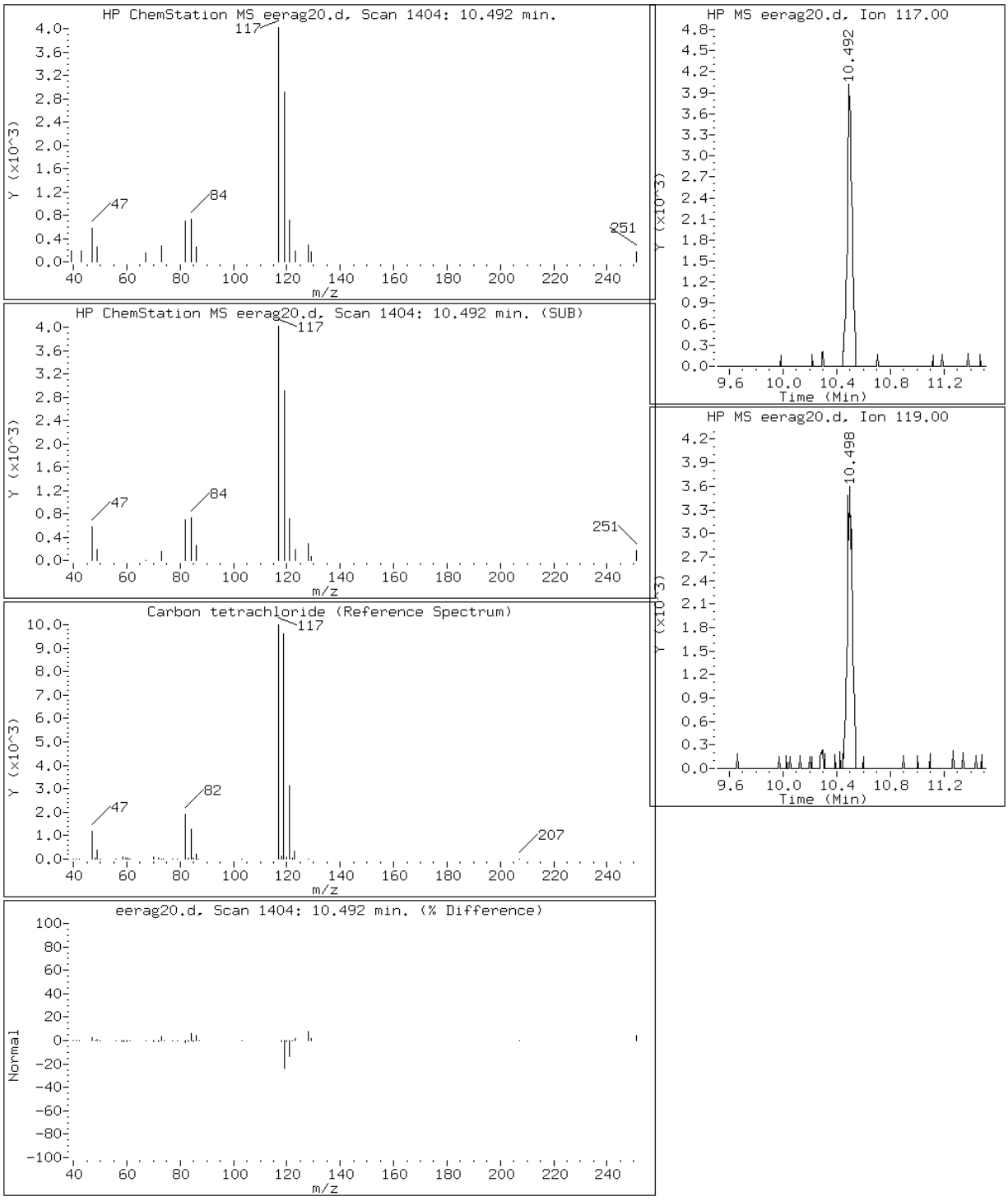
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

42 Carbon tetrachloride



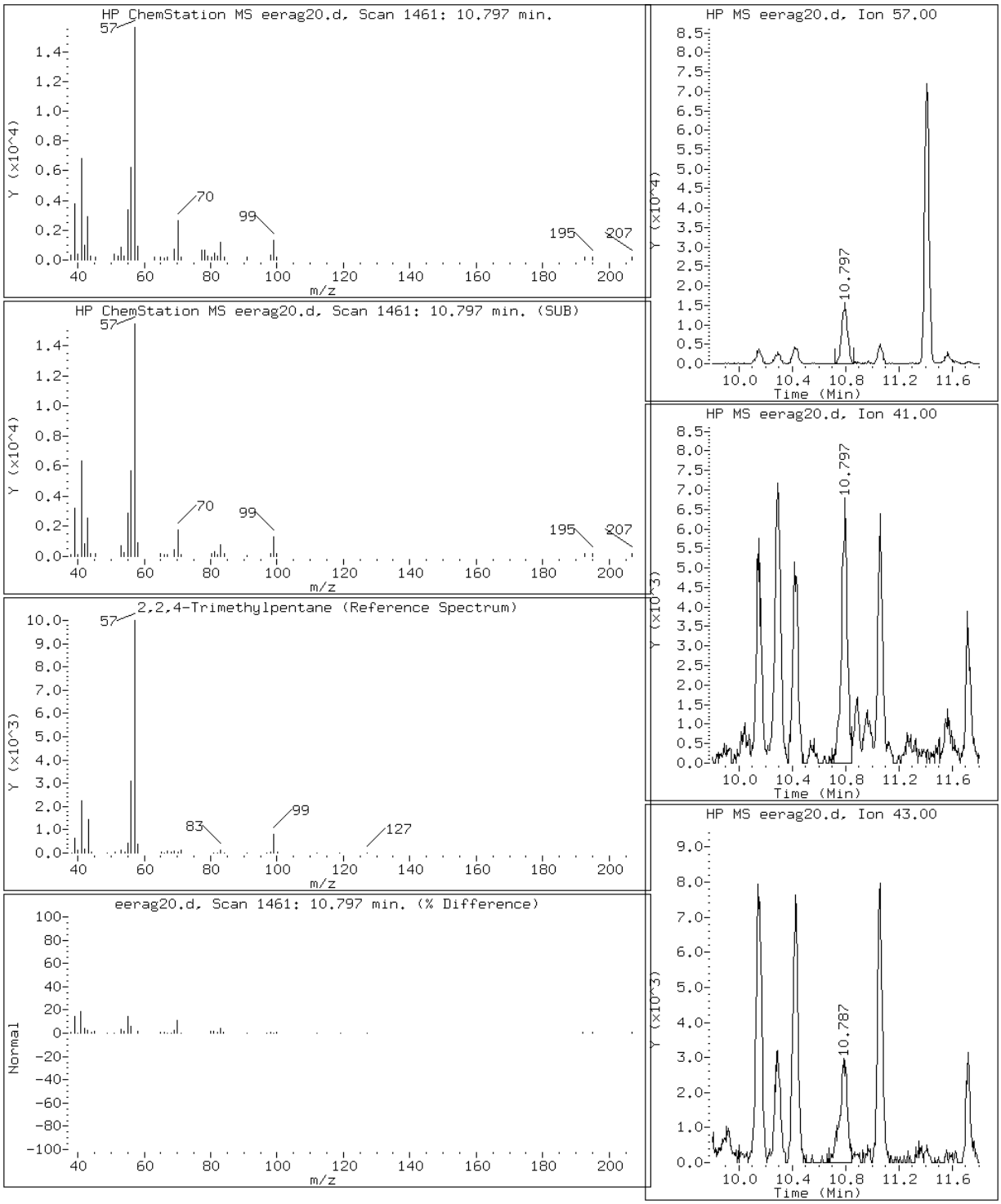
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

43 2,2,4-Trimethylpentane



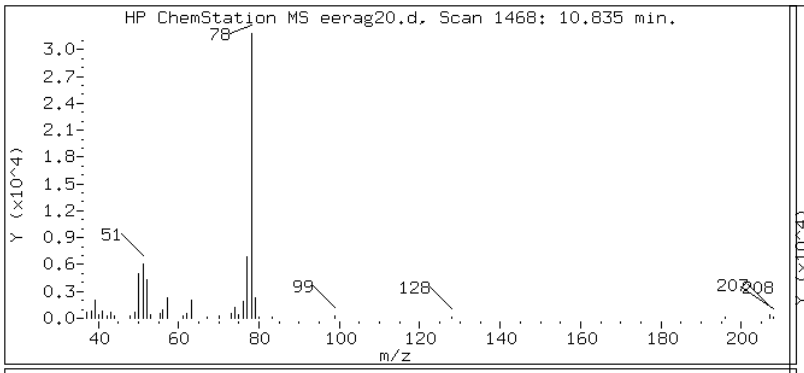
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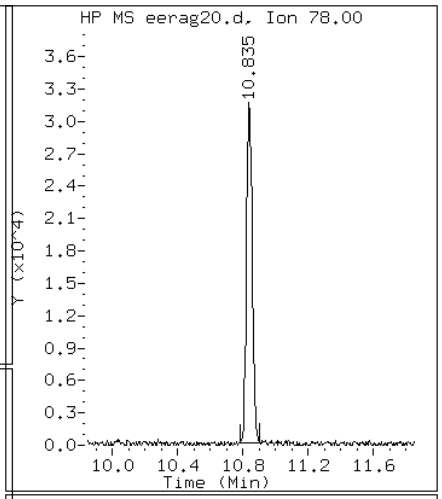
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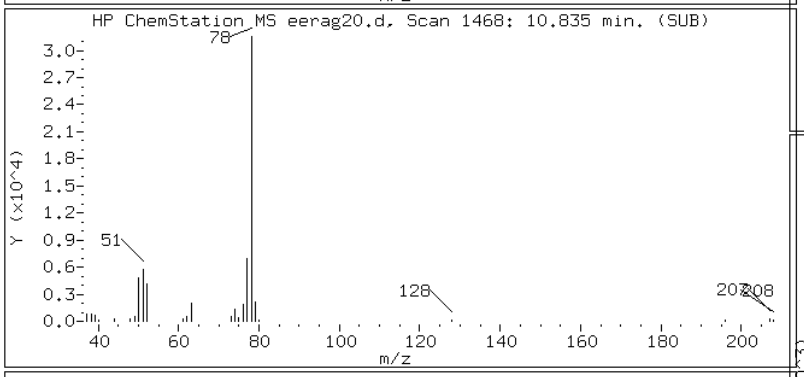
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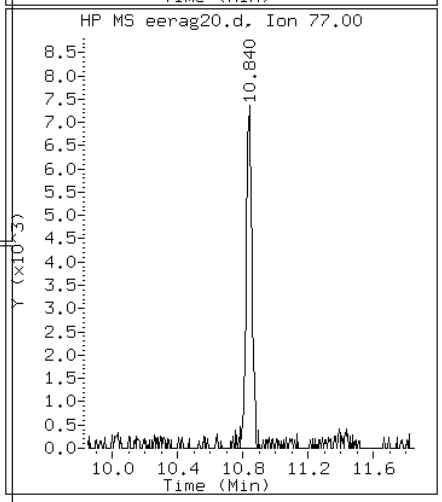
Sample Info: 200-9901-A-6 Operator: wrd

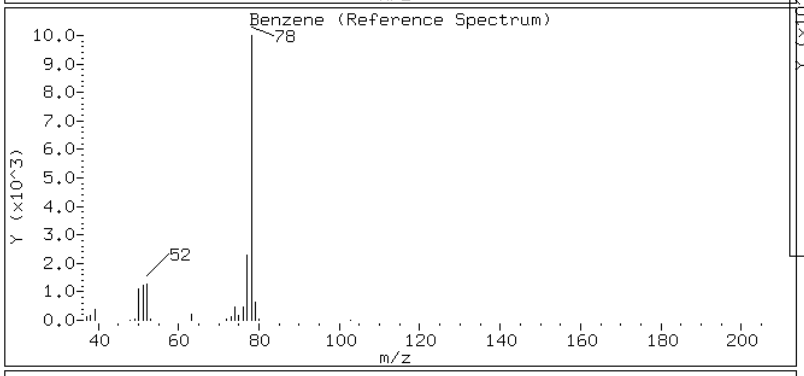
44 Benzene

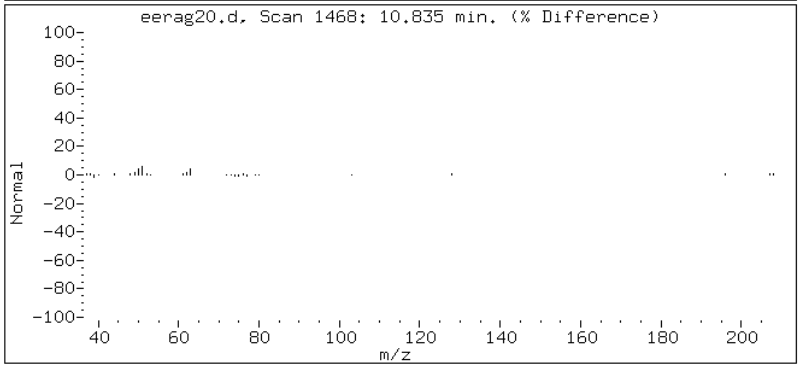












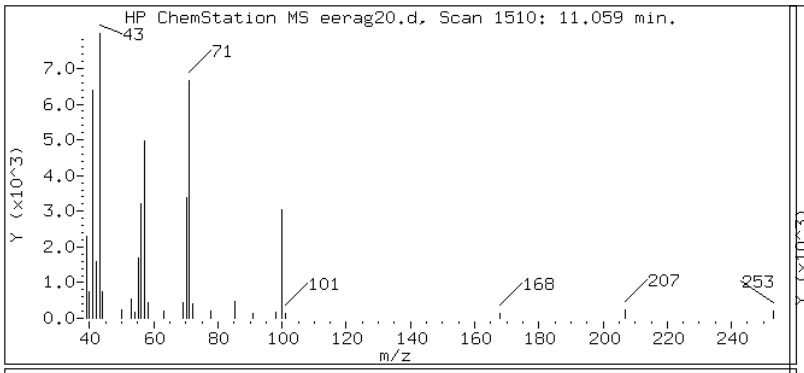
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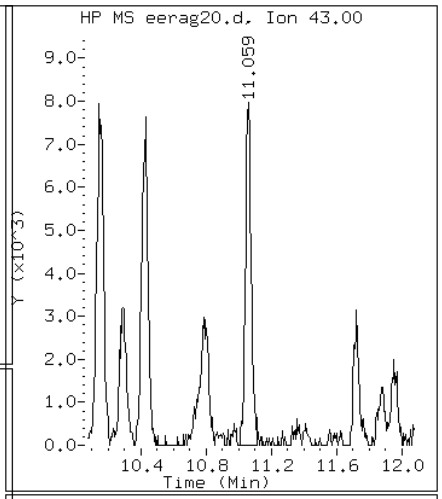
Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

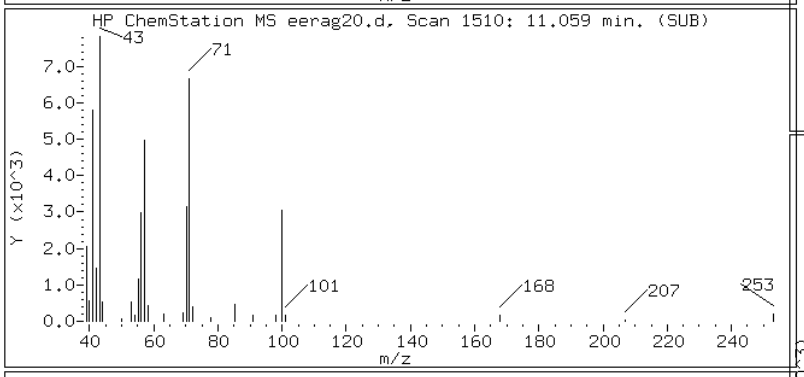
Client ID: IA-031512-CM-34 Instrument: E.i

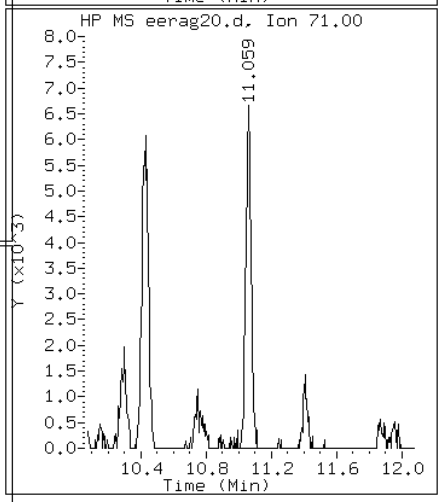
Sample Info: 200-9901-A-6 Operator: wrd

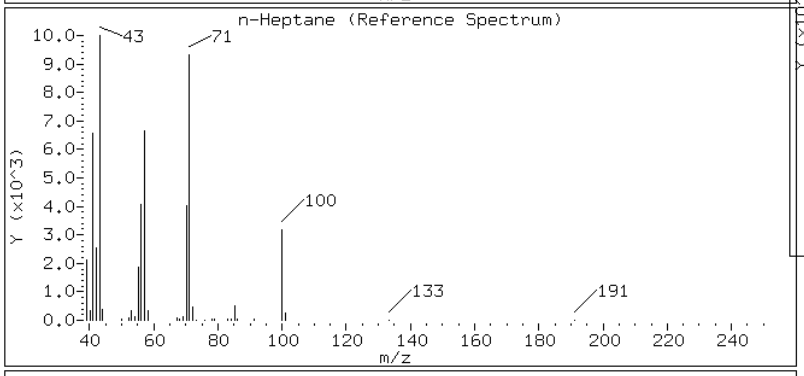
46 n-Heptane

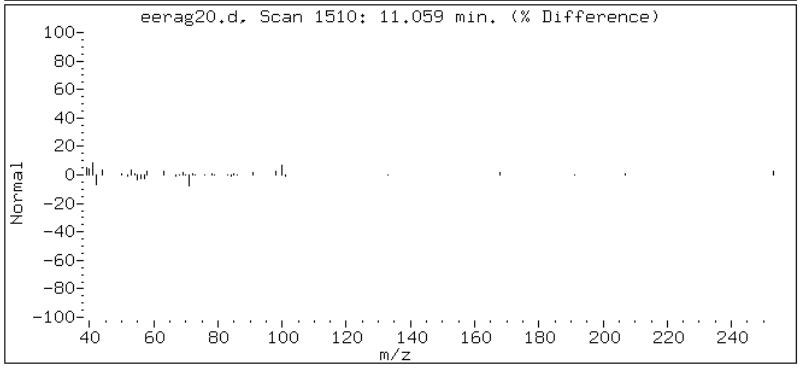












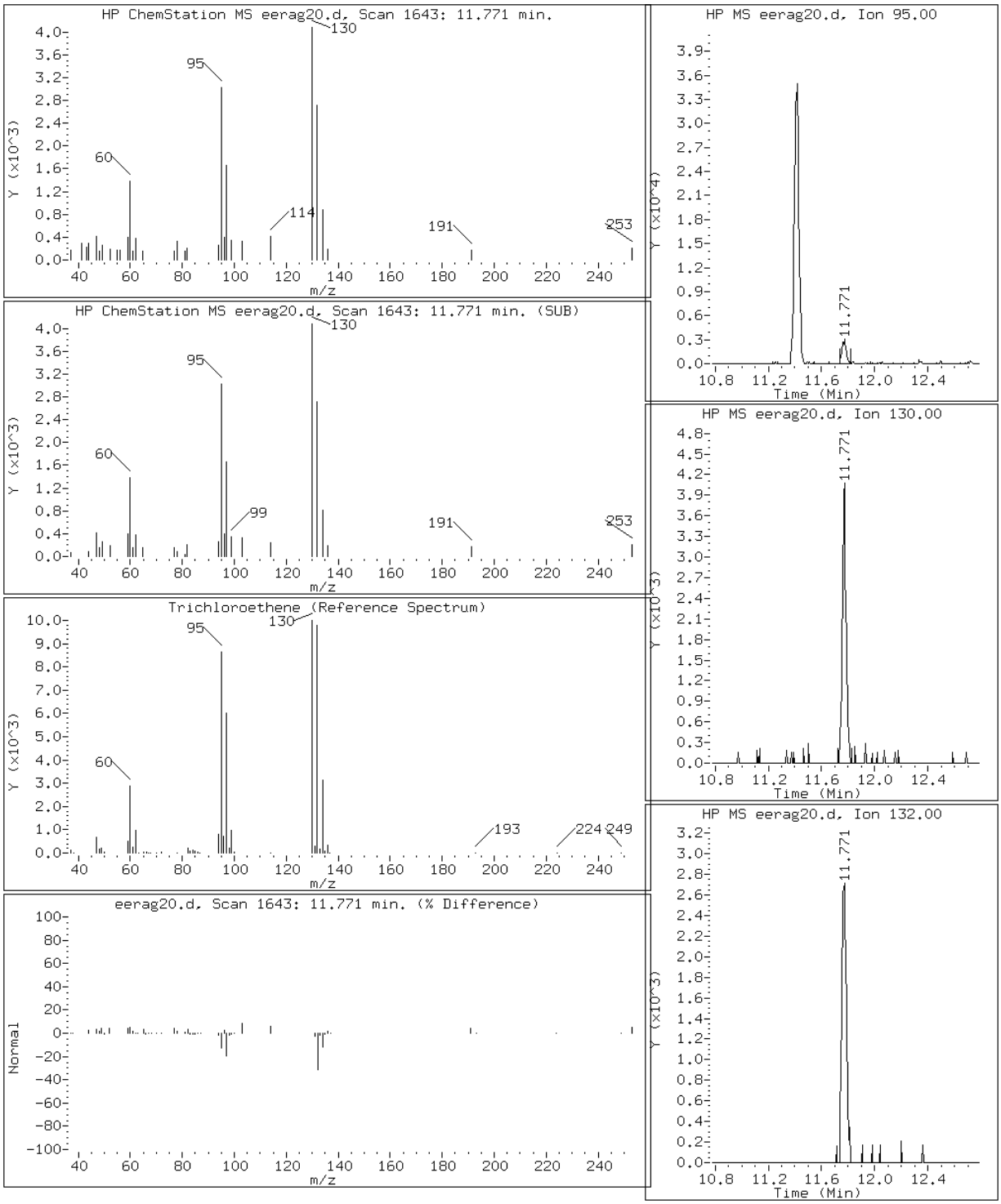
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

49 Trichloroethene



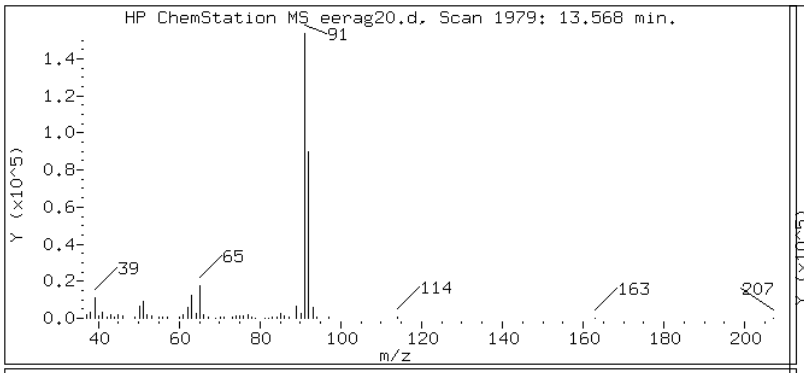
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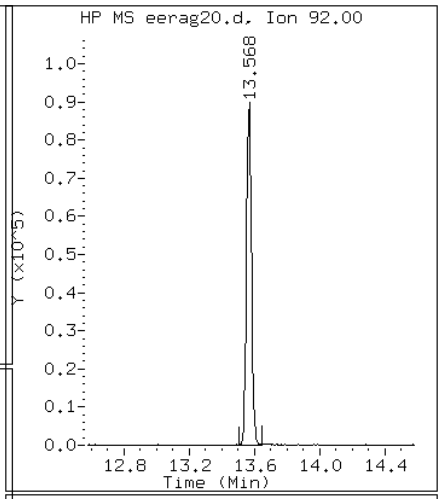
Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

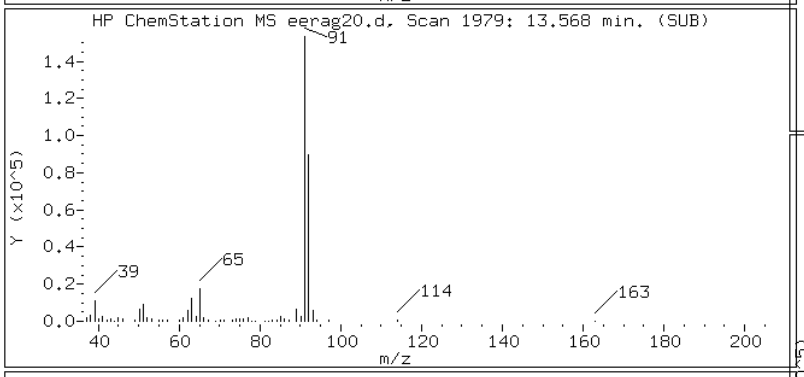
Client ID: IA-031512-CM-34 Instrument: E.i

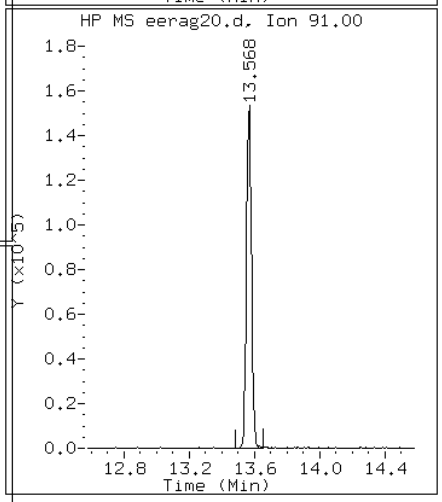
Sample Info: 200-9901-A-6 Operator: wrd

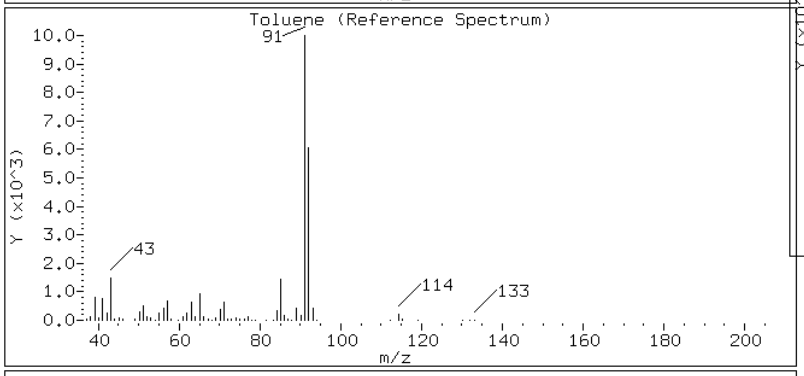
58 Toluene

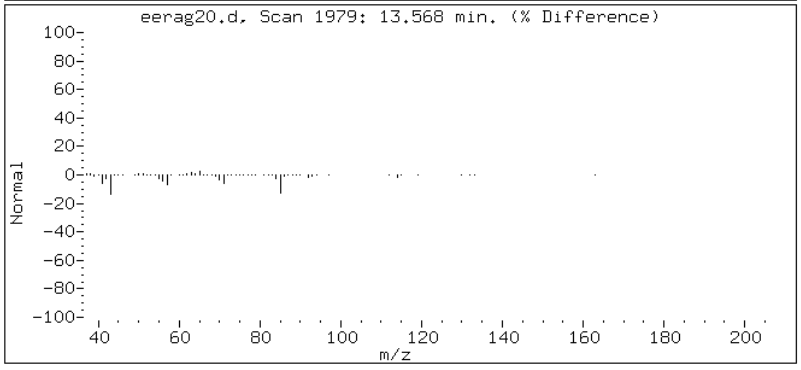












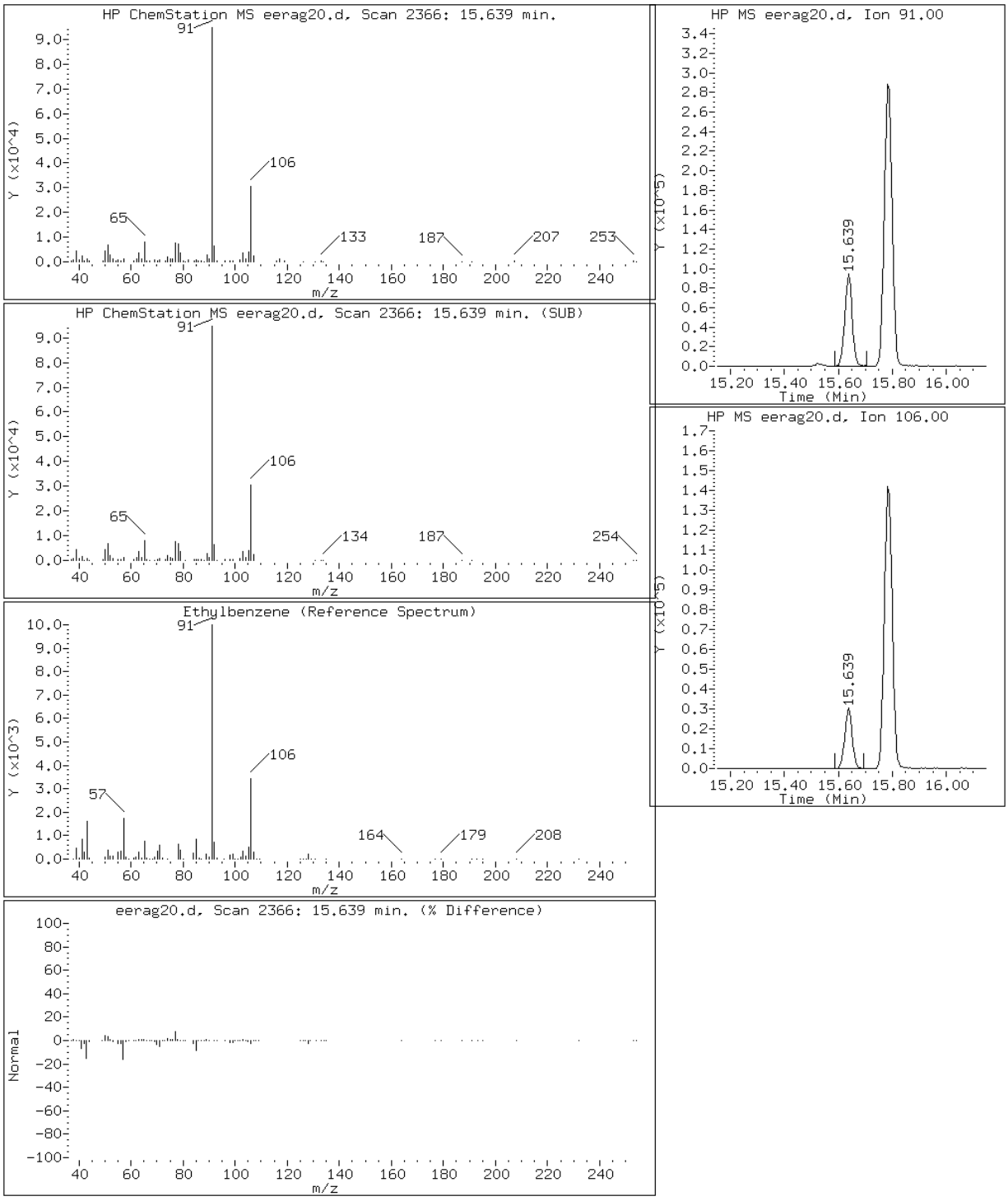
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

67 Ethylbenzene



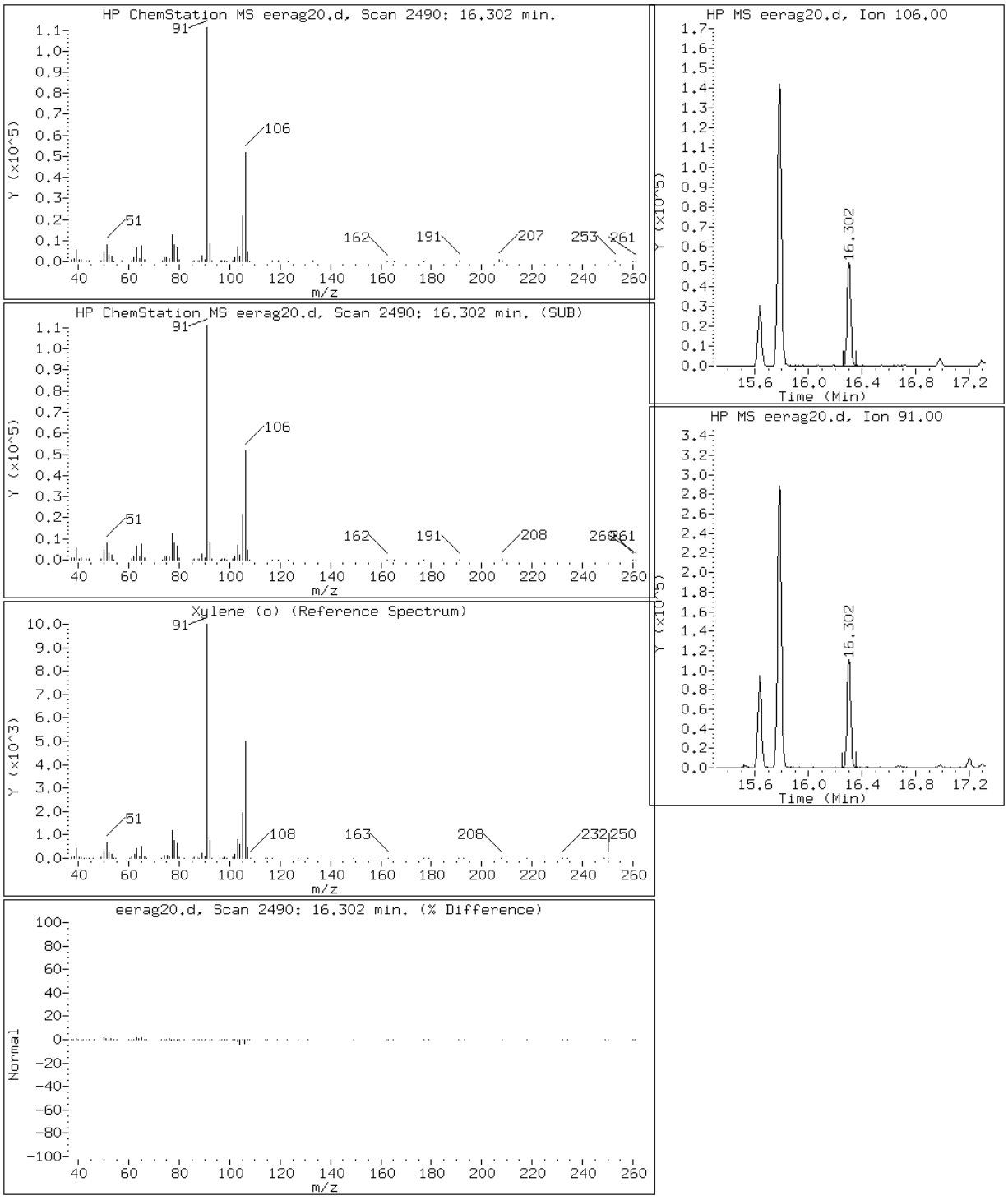
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

71 Xylene (o)



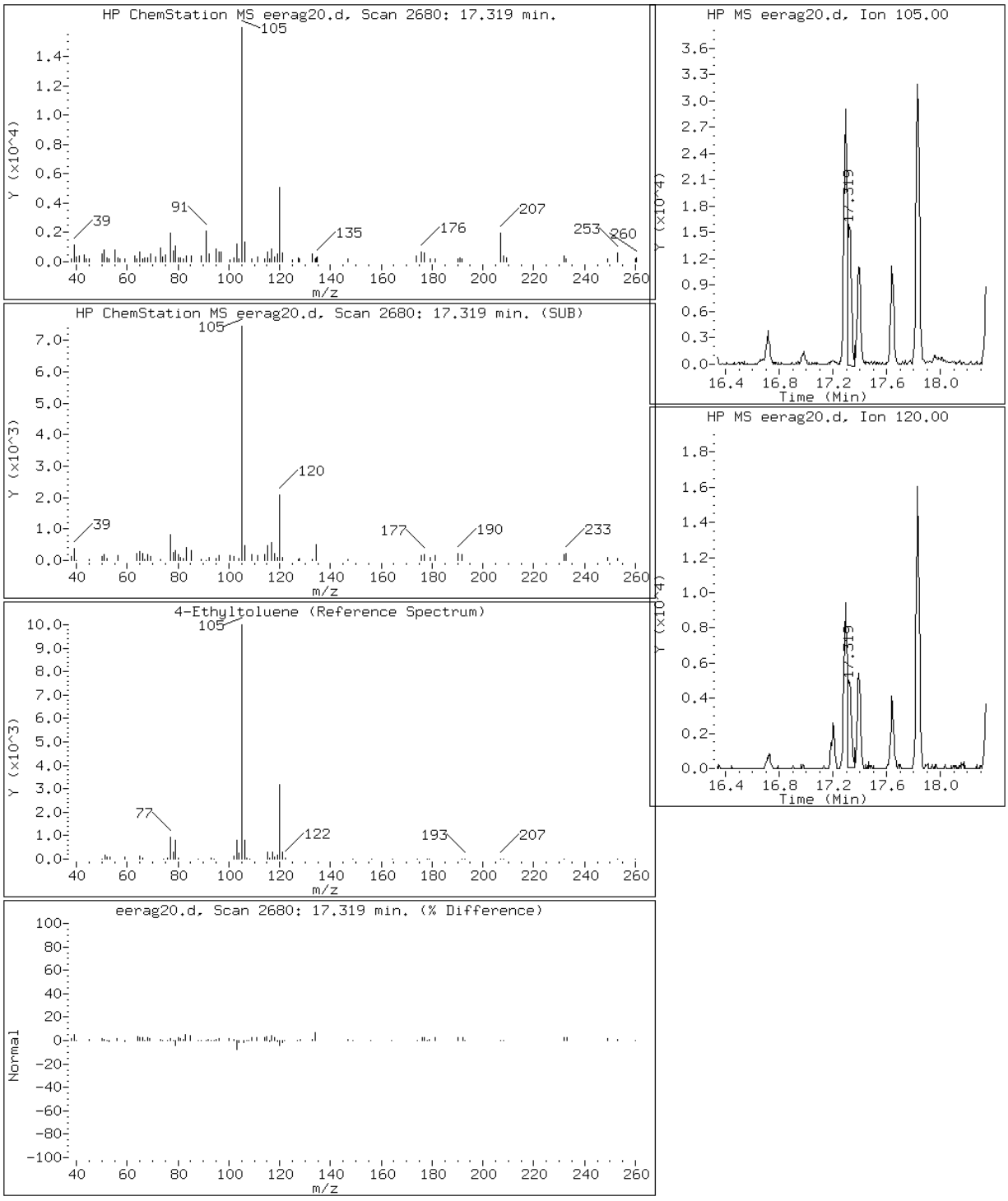
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

79 4-Ethyltoluene



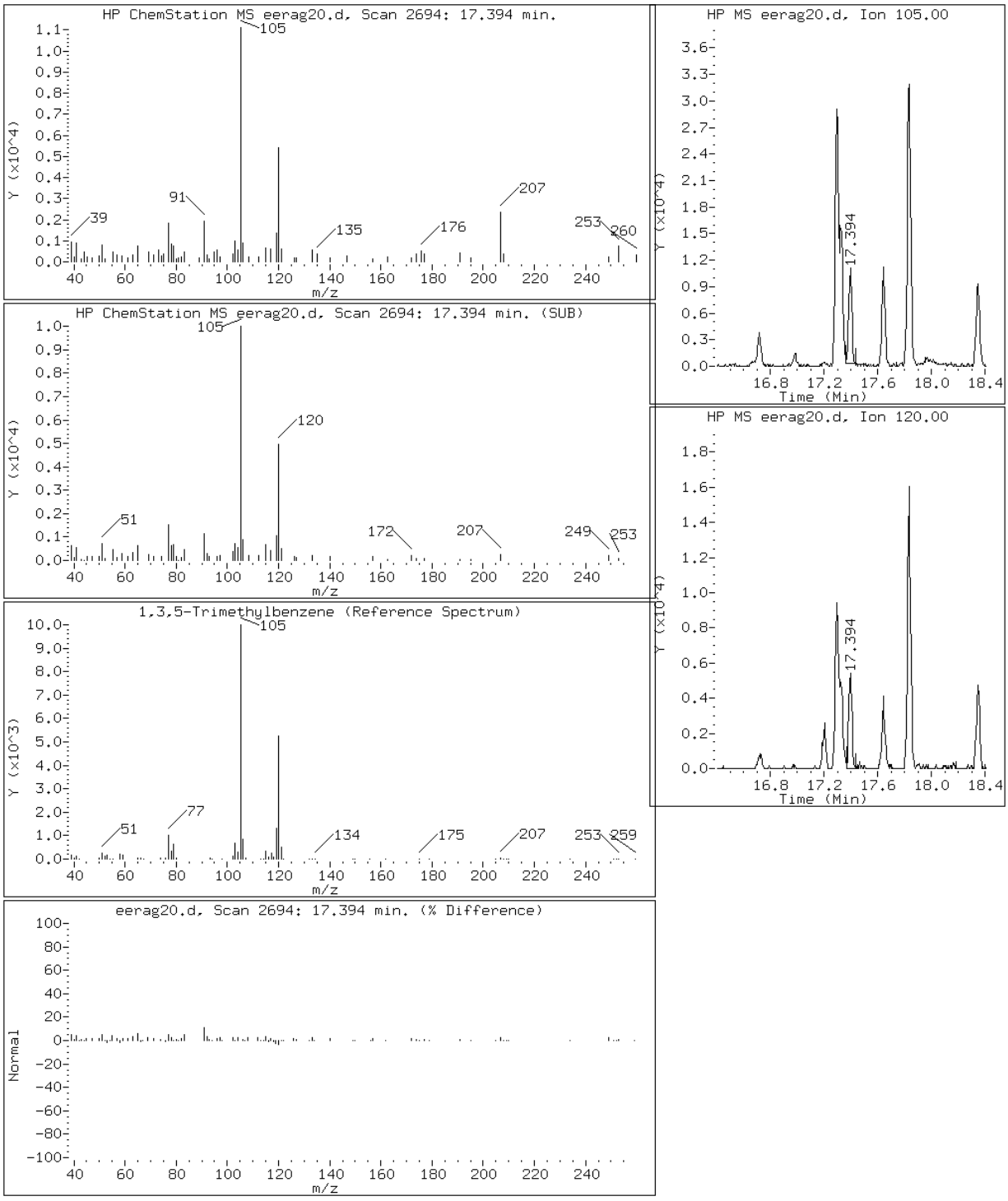
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

81 1,3,5-Trimethylbenzene



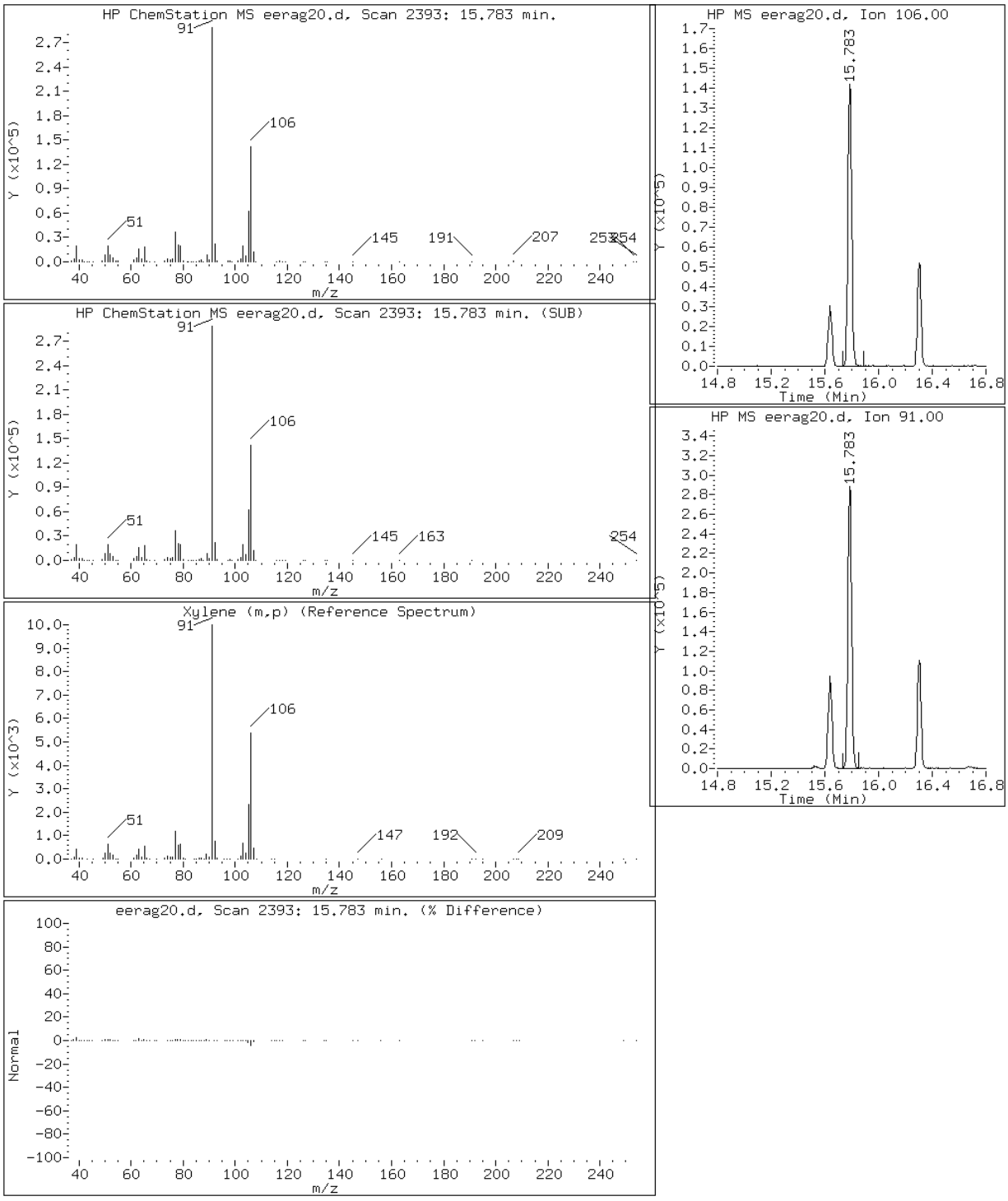
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Lab Sample ID: 200-9901-6 Date: 27-MAR-2012 05:16

Client ID: IA-031512-CM-34 Instrument: E.i

Sample Info: 200-9901-A-6 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: eerag20.d
Lab Sample ID: 200-9901-6
Inj. Date and Time: 27-MAR-2012 05:16
Instrument ID: E.i
Client ID: IA-031512-CM-34
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

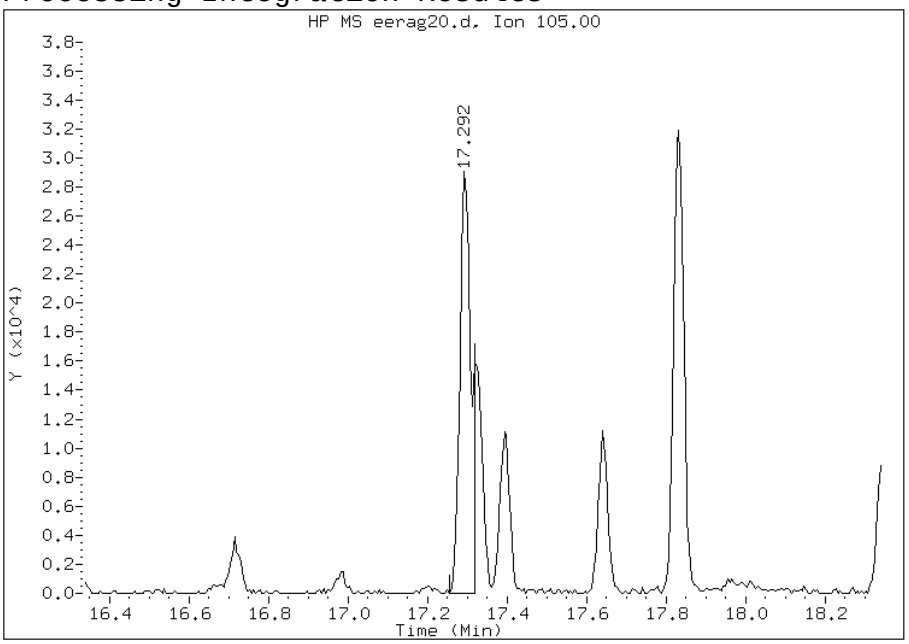
Processing Integration Results

RT: 17.29

Response: 57186

Amount: 0.151917

Conc: 0.607669



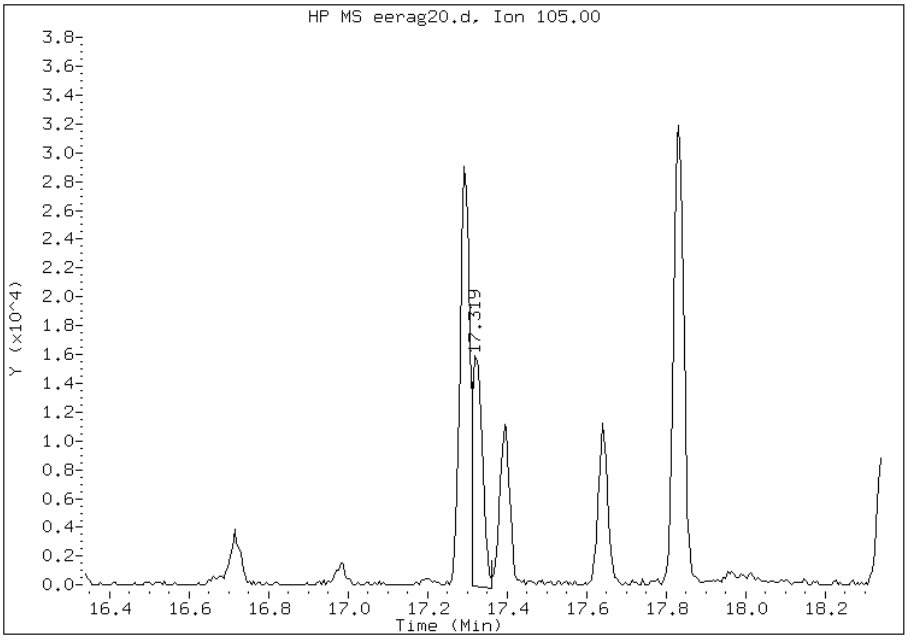
Manual Integration Results

RT: 17.32

Response: 28082

Amount: 0.074601

Conc: 0.298405



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-35 Lab Sample ID: 200-9901-7

Matrix: Air Lab File ID: eerag21.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:37

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 06:10

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.40		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.14		0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.40		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.47		0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.42		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.082		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.12		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.067		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.063		0.040	0.040
71-43-2	Benzene	78.11	0.74		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.31		0.040	0.040
79-01-6	Trichloroethene	131.39	0.16		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.9		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.097		0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.68		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-35 Lab Sample ID: 200-9901-7

Matrix: Air Lab File ID: eerag21.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:37

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 06:10

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	1.1		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.24		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.29		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	3.4		0.040	0.040
1330-20-7	Xylenes, Total	106.17	4.4		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-35 Lab Sample ID: 200-9901-7

Matrix: Air Lab File ID: eerag21.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:37

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 06:10

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.30		0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	2.2		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.6		1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	1.5		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.40		0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.42		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.42		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.29		0.19	0.19
71-43-2	Benzene	78.11	2.4		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.3		0.16	0.16
79-01-6	Trichloroethene	131.39	0.84		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	7.1		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.66		0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	3.0		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-35 Lab Sample ID: 200-9901-7

Matrix: Air Lab File ID: eerag21.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:37

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 06:10

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	4.7		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	1.2		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	1.4		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	15		0.17	0.17
1330-20-7	Xylenes, Total	106.17	19		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-7
Client Smp ID: IA-031512-CM-35
Inj Date : 27-MAR-2012 06:10
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-7
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 5
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

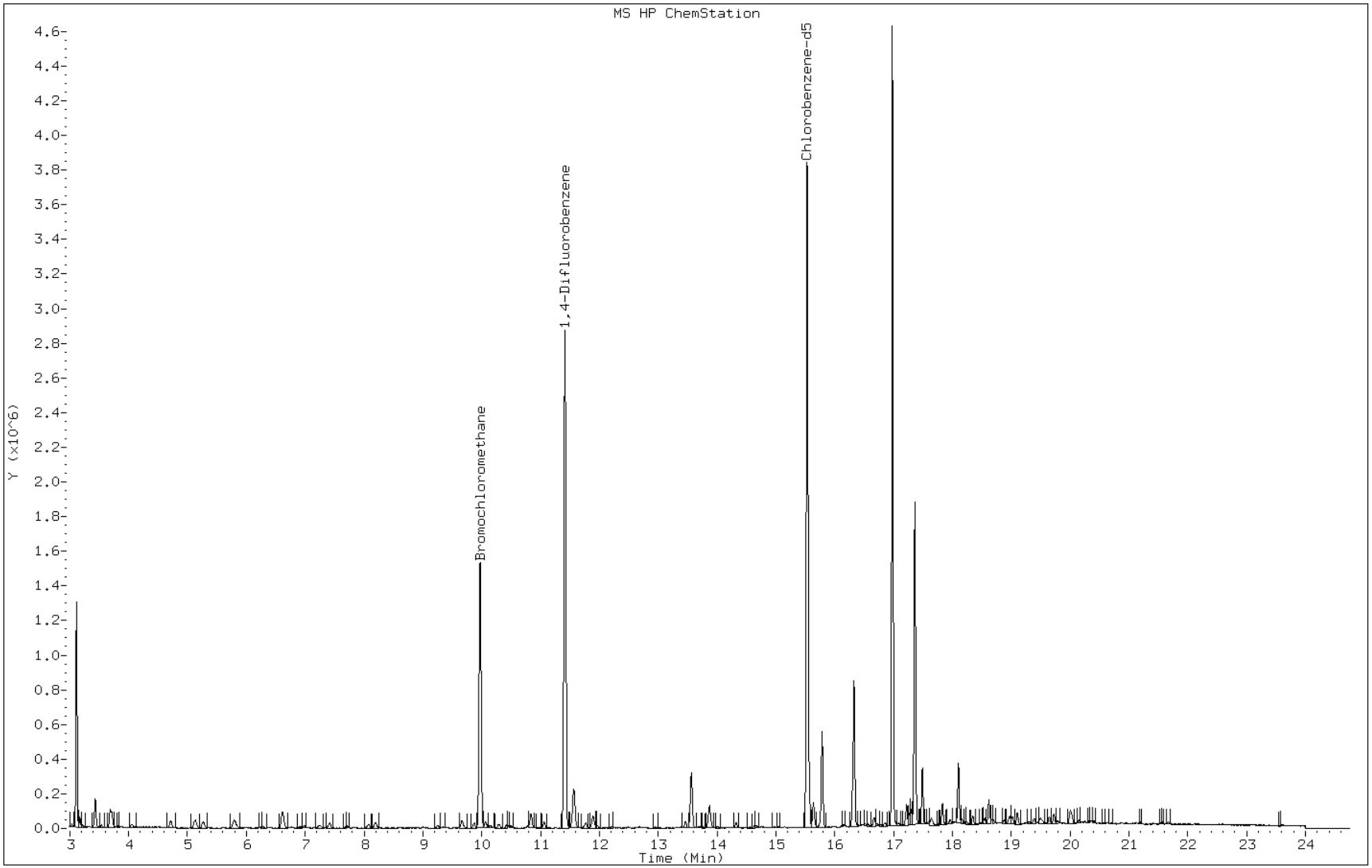
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	45003	0.10011	0.40
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.821	3.827	(0.383)	2888	0.03423	0.14
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.132	5.138	(0.515)	66015	0.09940	0.40
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	6677	0.01542	0.062(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.416	7.433	(0.744)	18950	0.11709	0.47
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.203	8.203	(0.822)	23862	0.10442	0.42
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
*	36 Bromochloromethane	128	9.974	9.990	(1.000)	622808	2.00000	
	39 Chloroform	83	10.059	10.075	(1.009)	9313	0.02058	0.082
	40 Cyclohexane	84	10.300	10.305	(0.902)	8319	0.03030	0.12(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.498	10.514	(0.920)	11097	0.01670	0.067
	43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.946)	10852	0.01566	0.063
	44 Benzene	78	10.846	10.851	(0.950)	95288	0.18394	0.74
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.060	11.076	(0.969)	16188	0.07638	0.30
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	3058051	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	11244	0.03929	0.16
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.569	13.579	(0.874)	161485	0.47245	1.9
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.328	14.344	(0.923)	11026	0.02427	0.097
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.527	15.543	(1.000)	2754627	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	110690	0.17107	0.68
	69 Xylene (m,p)	106	15.783	15.799	(1.017)	188134	0.84048	3.4
M	70 Xylene, Total	106				245842	1.11026	4.4
	71 Xylene (o)	106	16.302	16.318	(1.050)	57708	0.26978	1.1
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.329	17.340	(1.116)	24797	0.05968	0.24
	81 1,3,5-Trimethylbenzene	105	17.388	17.404	(1.120)	25838	0.07215	0.29

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	eerag21.d	Date:	27-MAR-2012 06:10
Client ID:	IA-031512-CM-35	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-7		
Lab Sample ID:	200-9901-7		



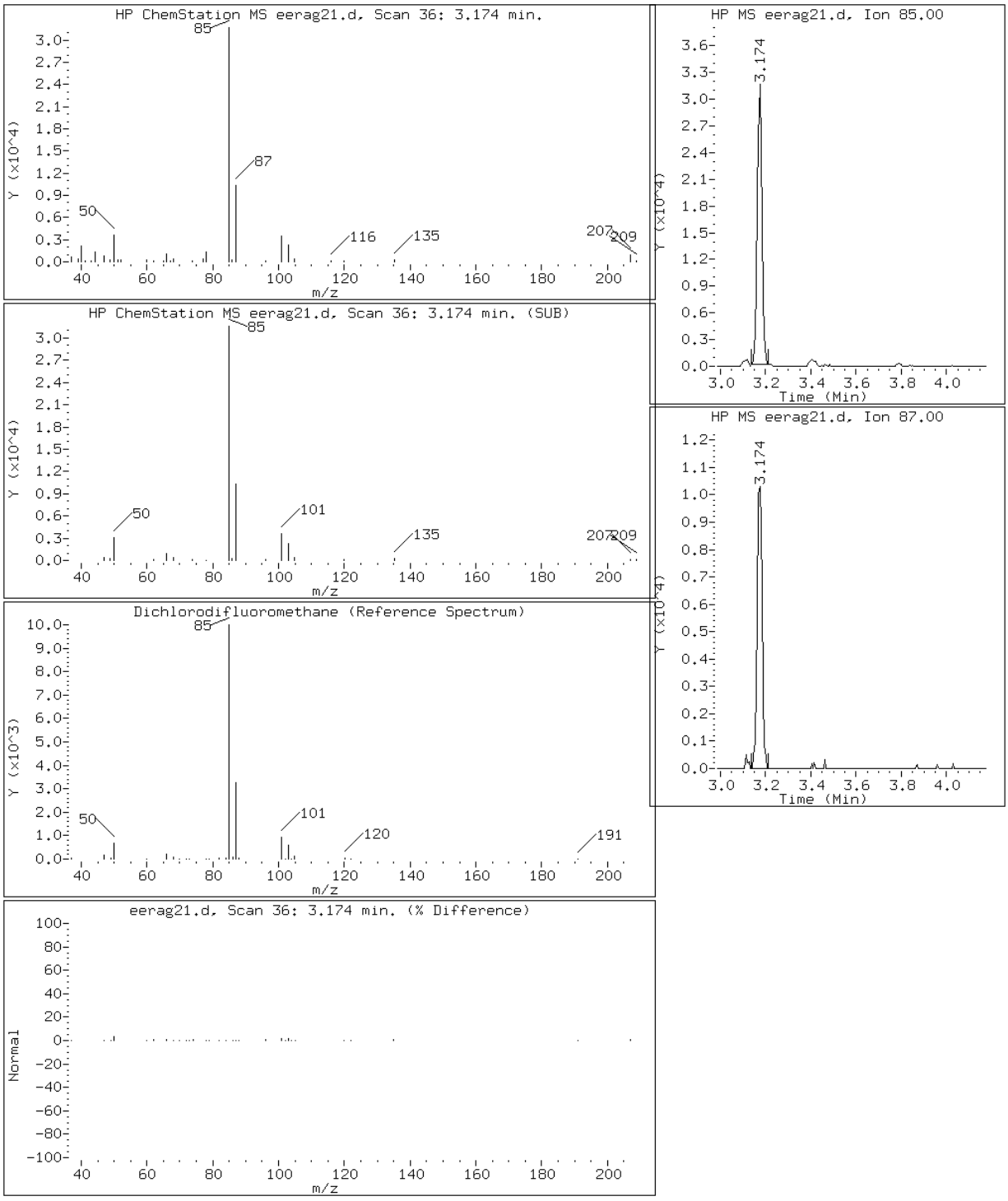
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

2 Dichlorodifluoromethane



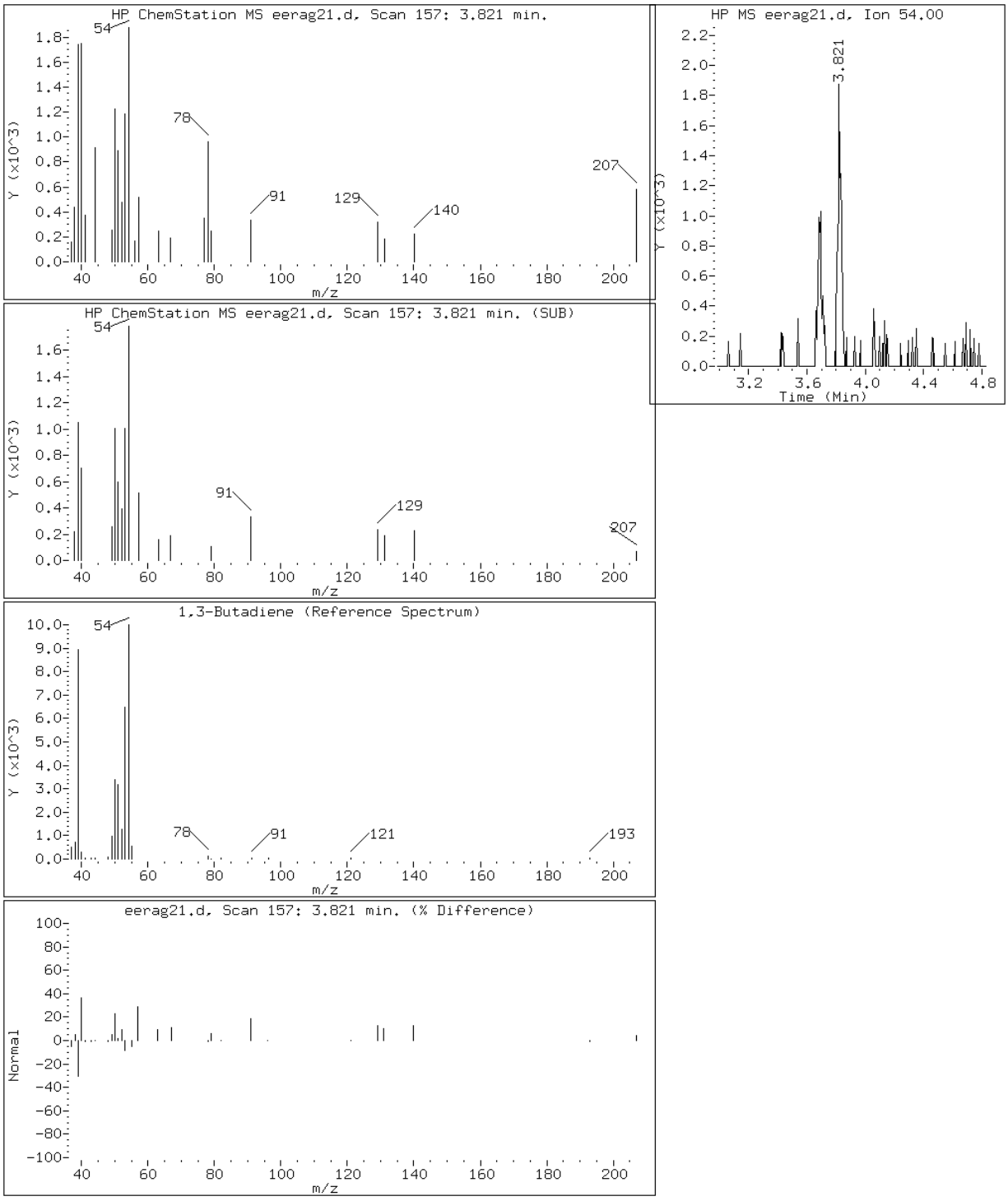
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

8 1,3-Butadiene



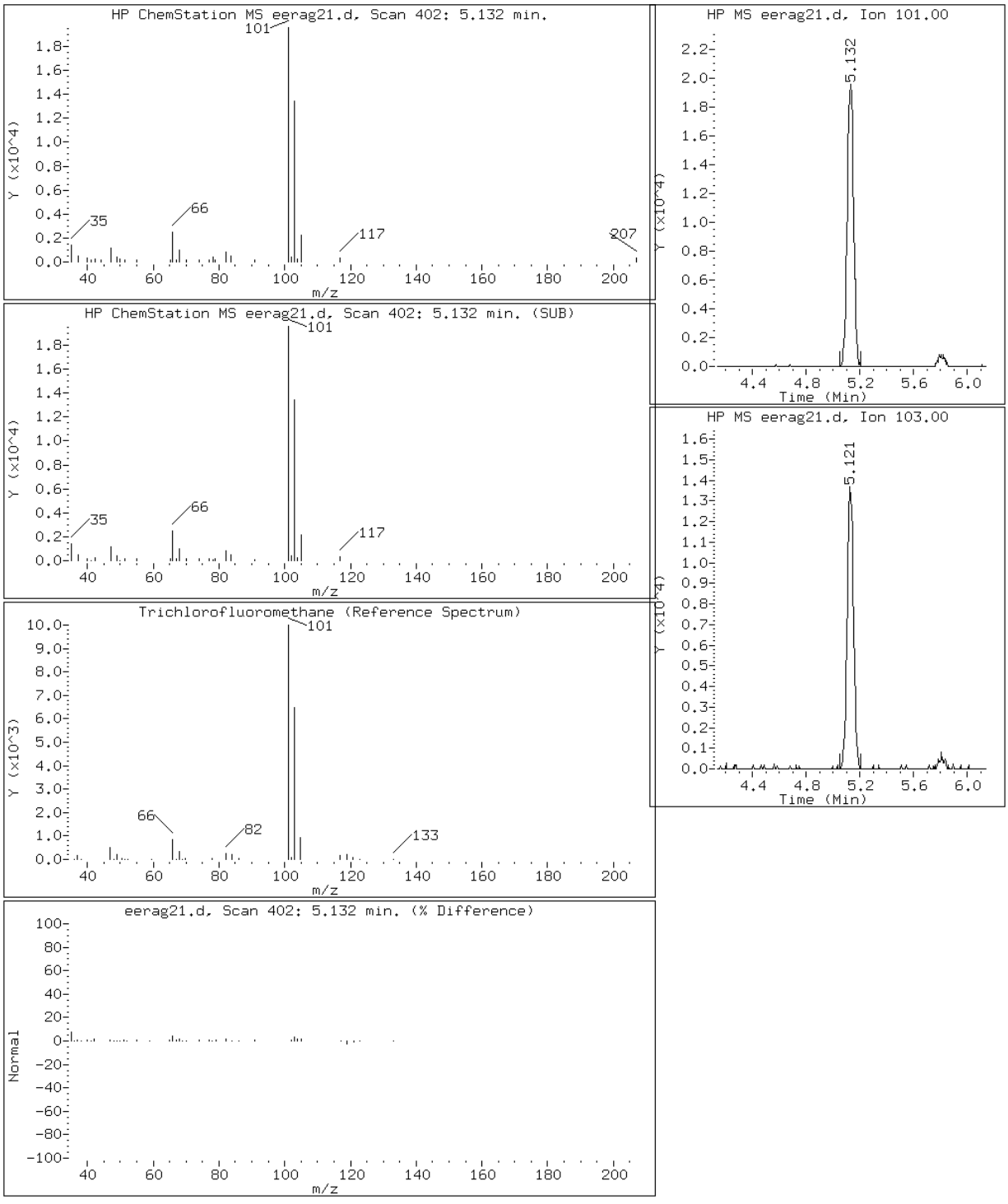
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

13 Trichlorofluoromethane



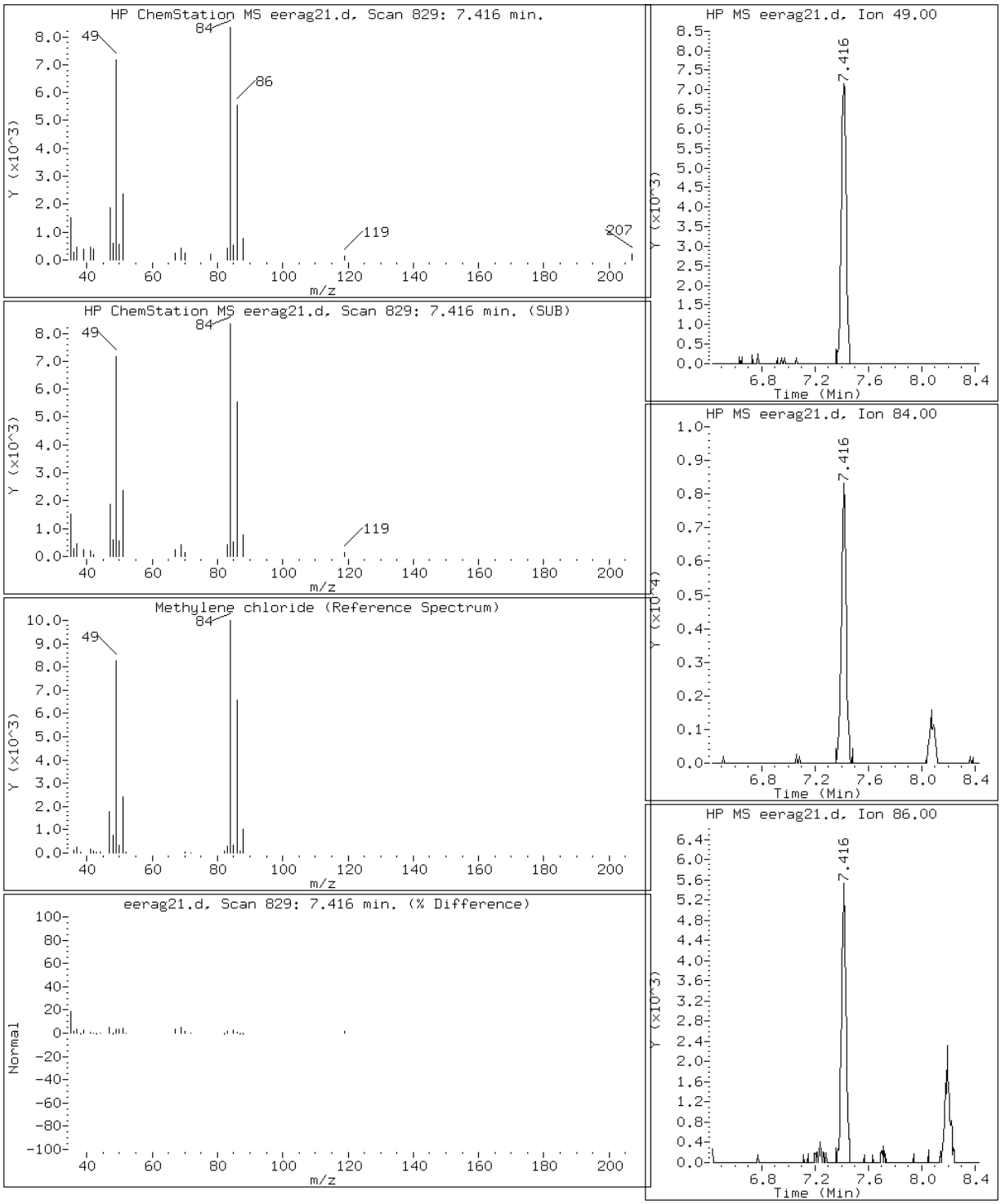
Data File: eerag21.d

Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

25 Methylene chloride



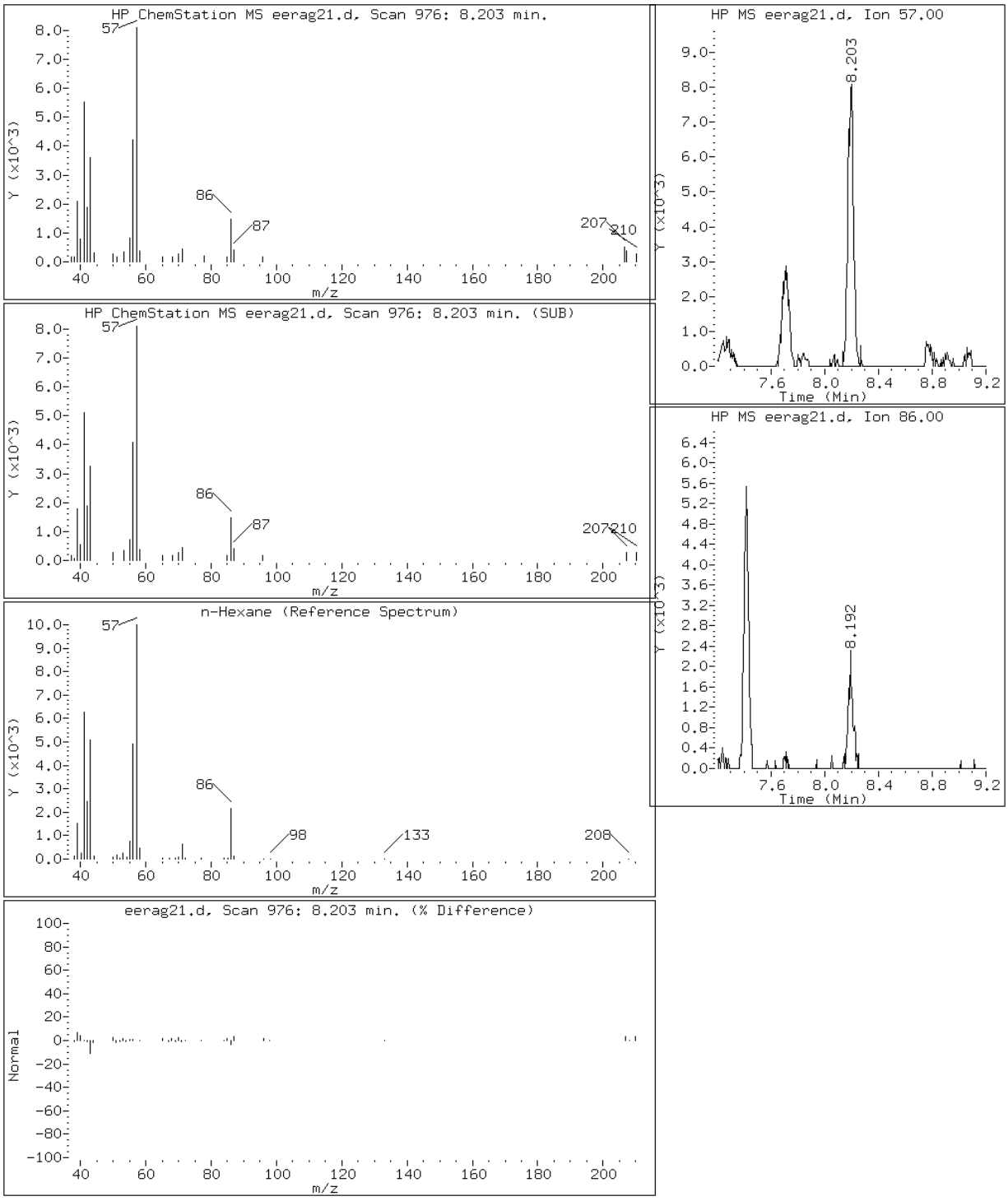
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

30 n-Hexane



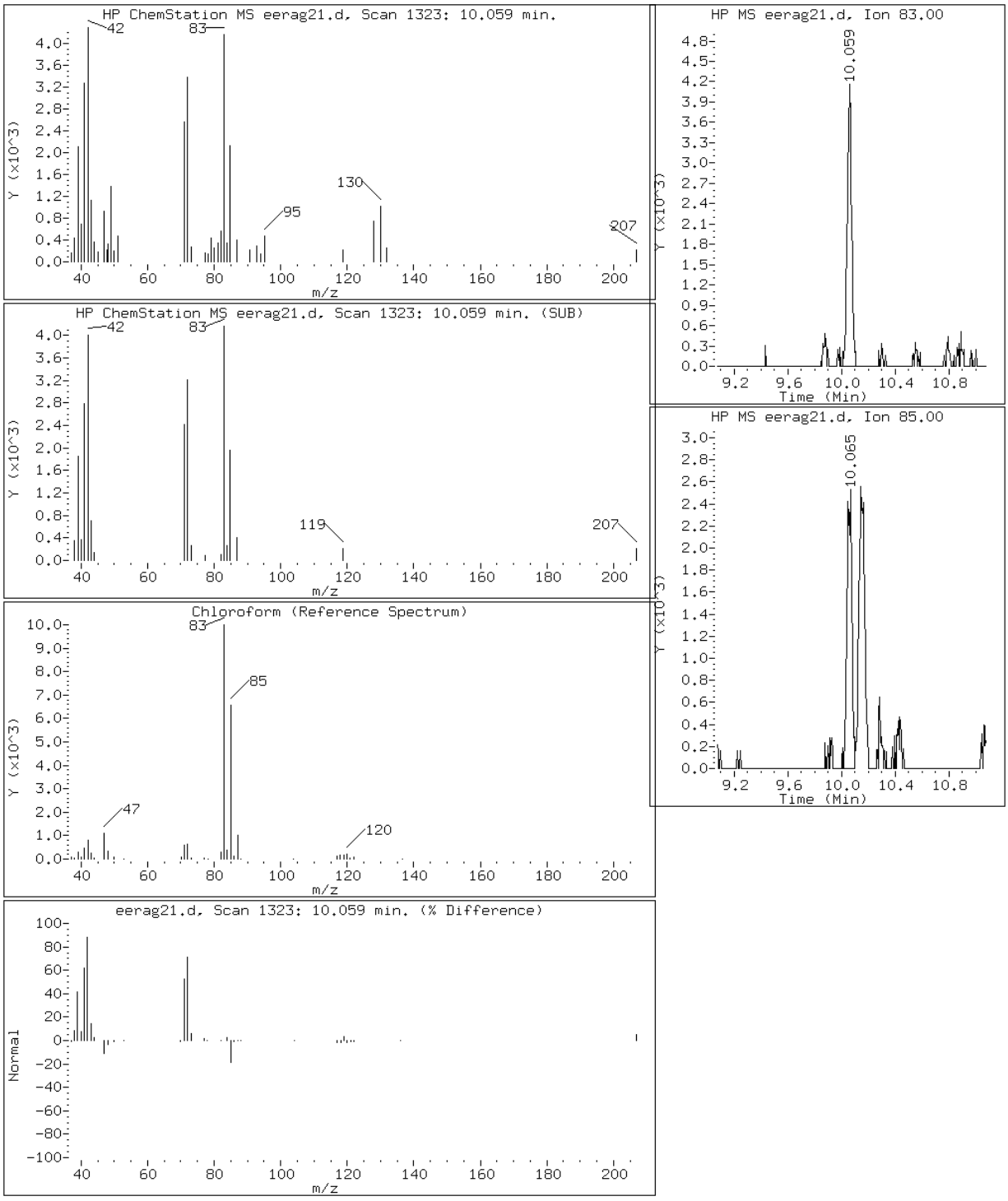
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

39 Chloroform



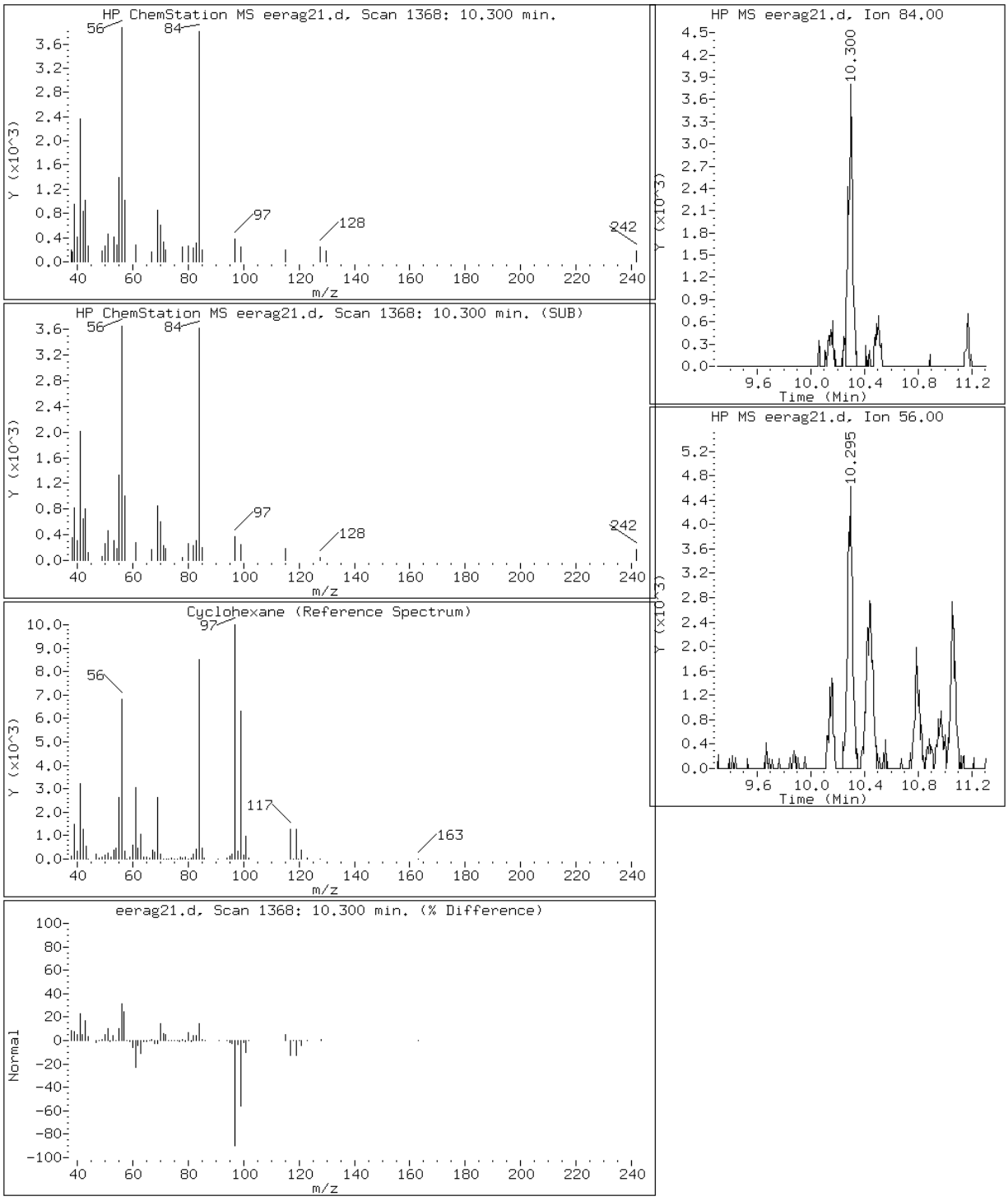
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

40 Cyclohexane



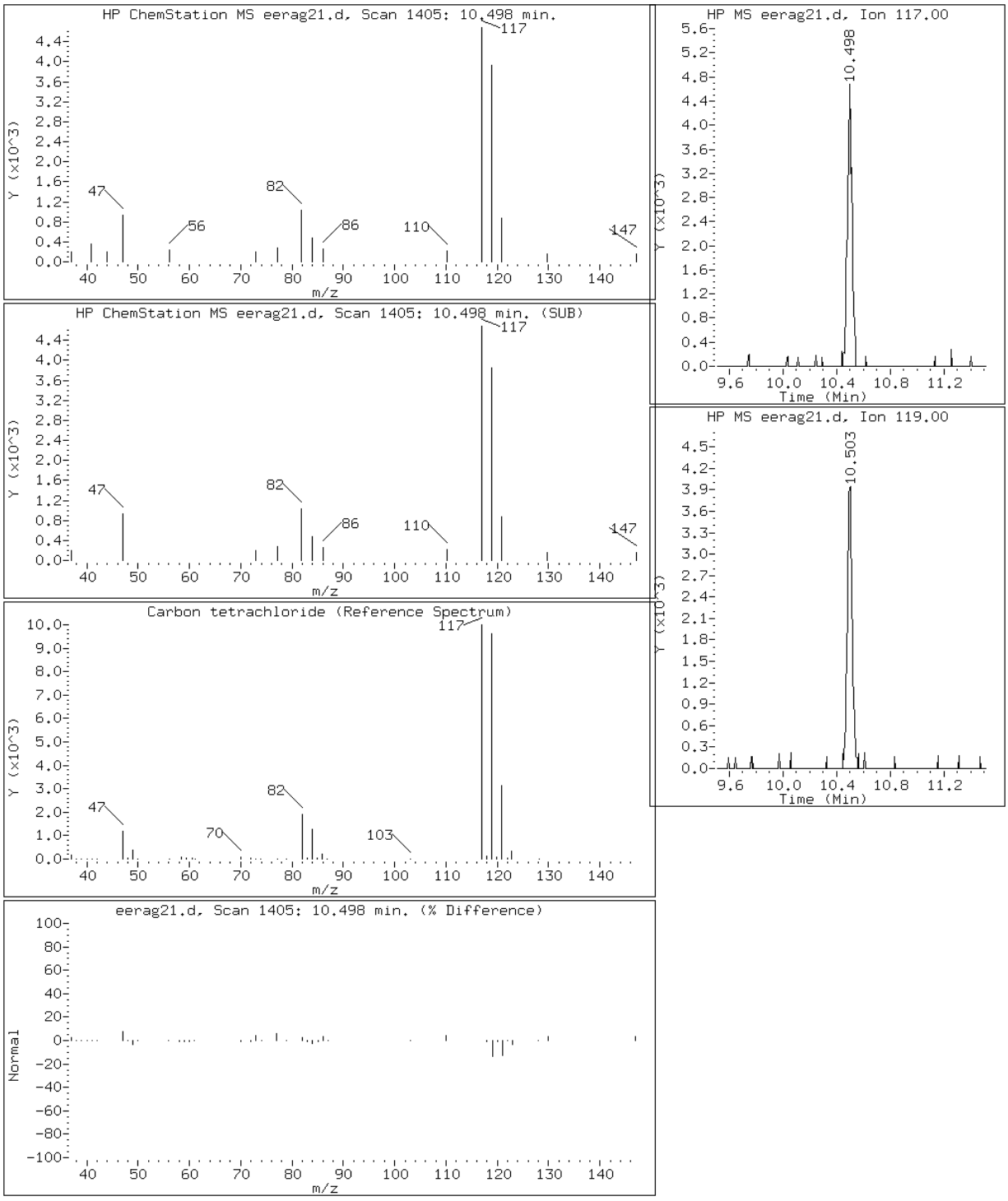
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

42 Carbon tetrachloride



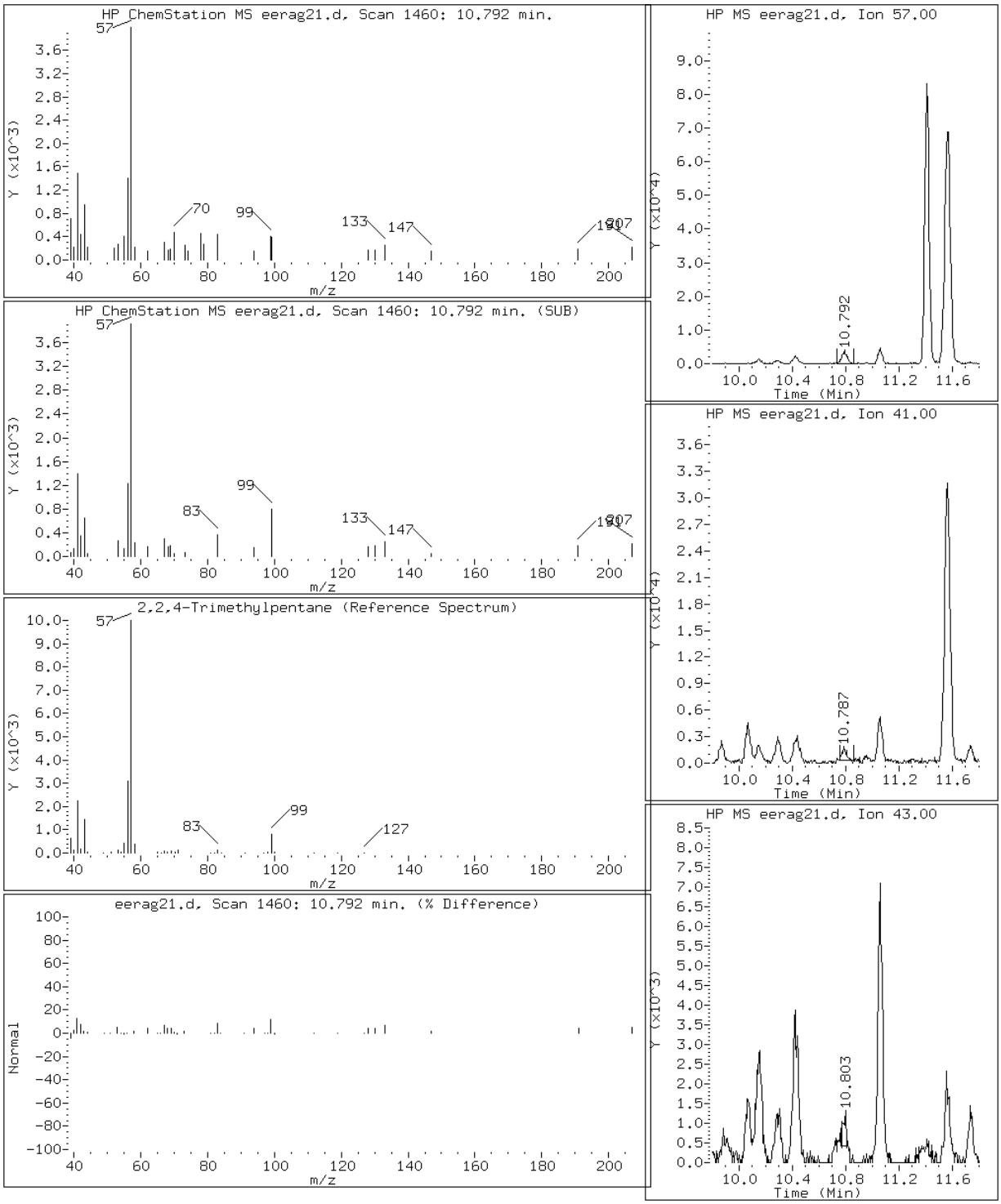
Data File: eerag21.d

Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

43 2,2,4-Trimethylpentane



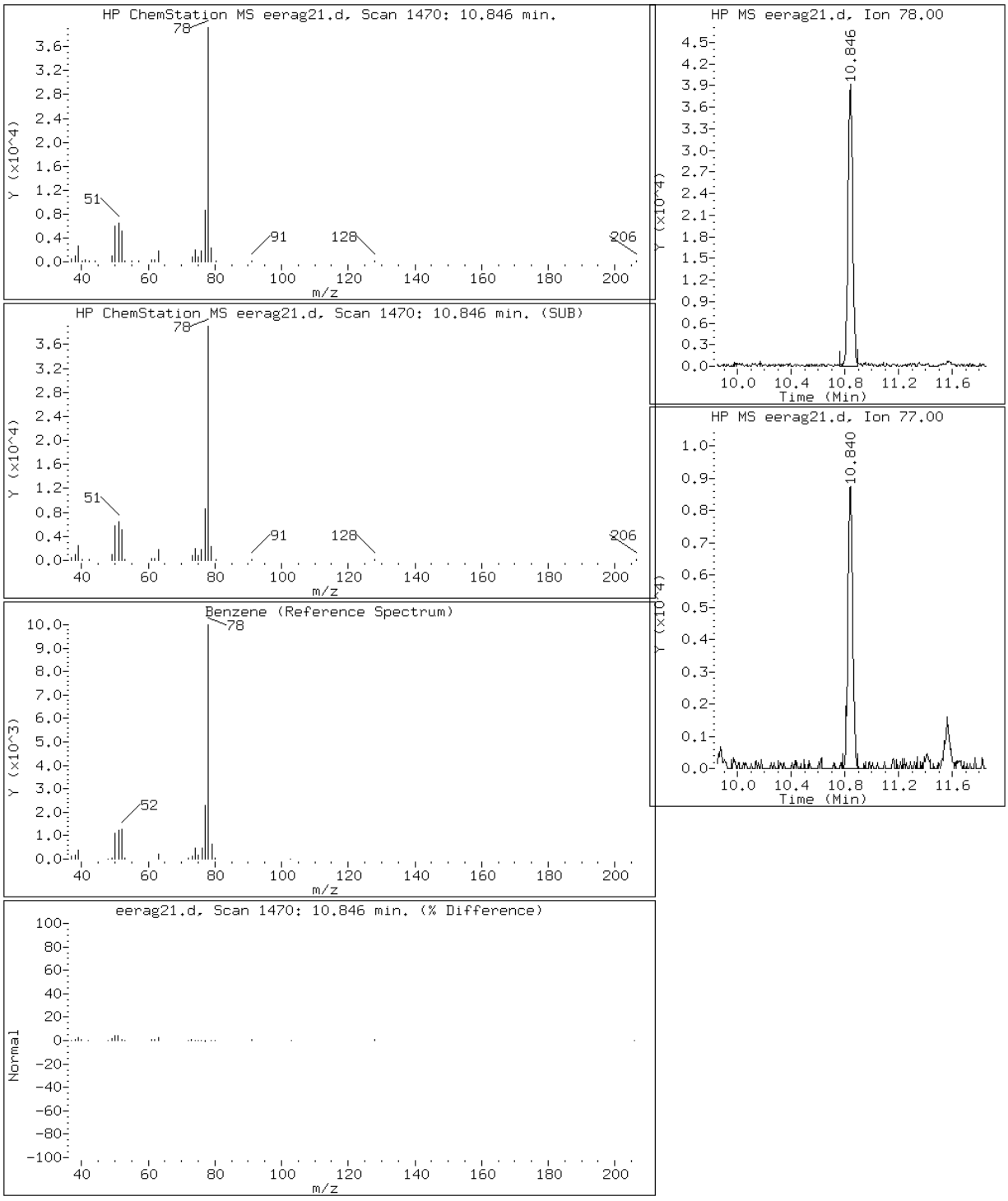
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

44 Benzene



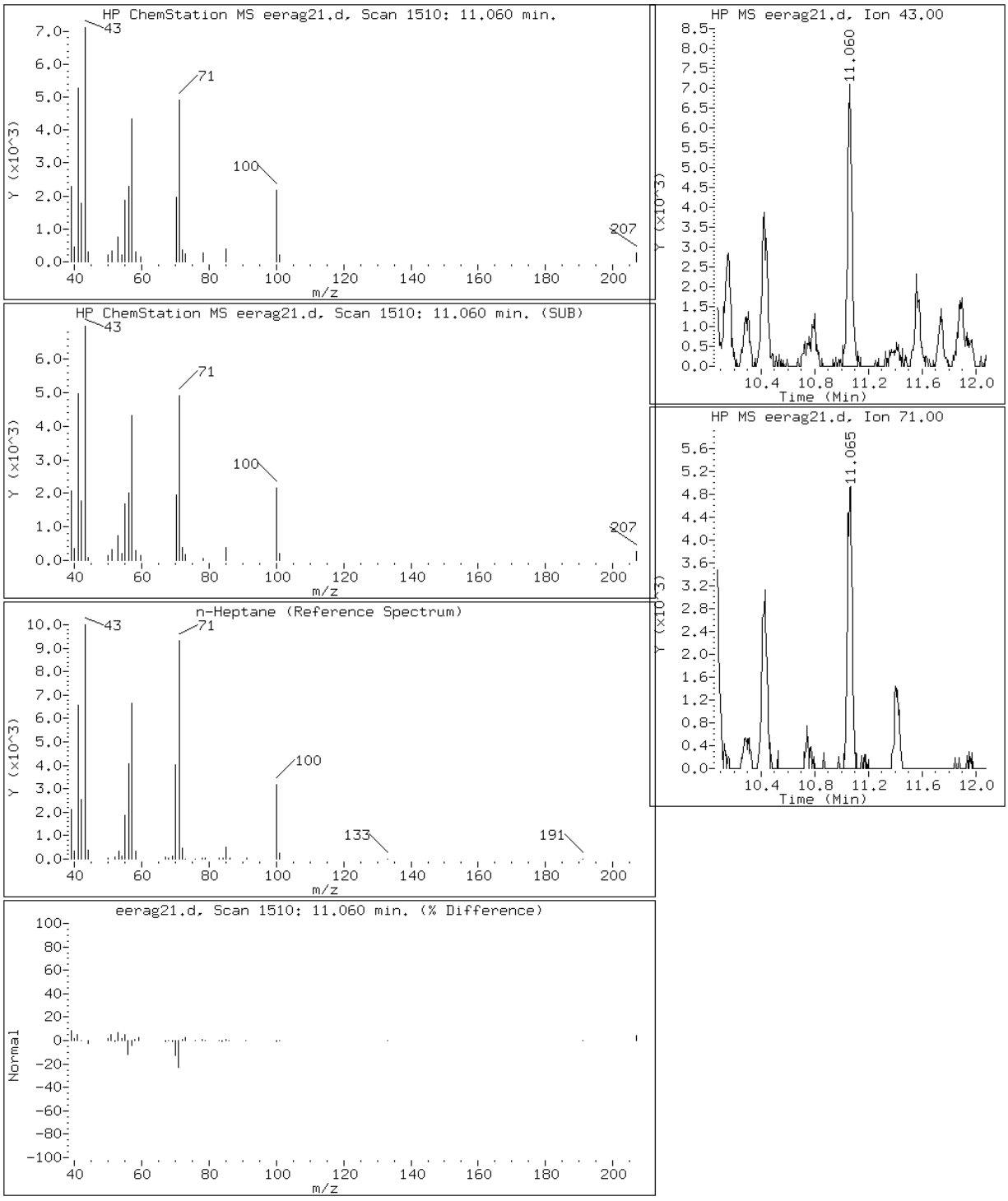
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

46 n-Heptane



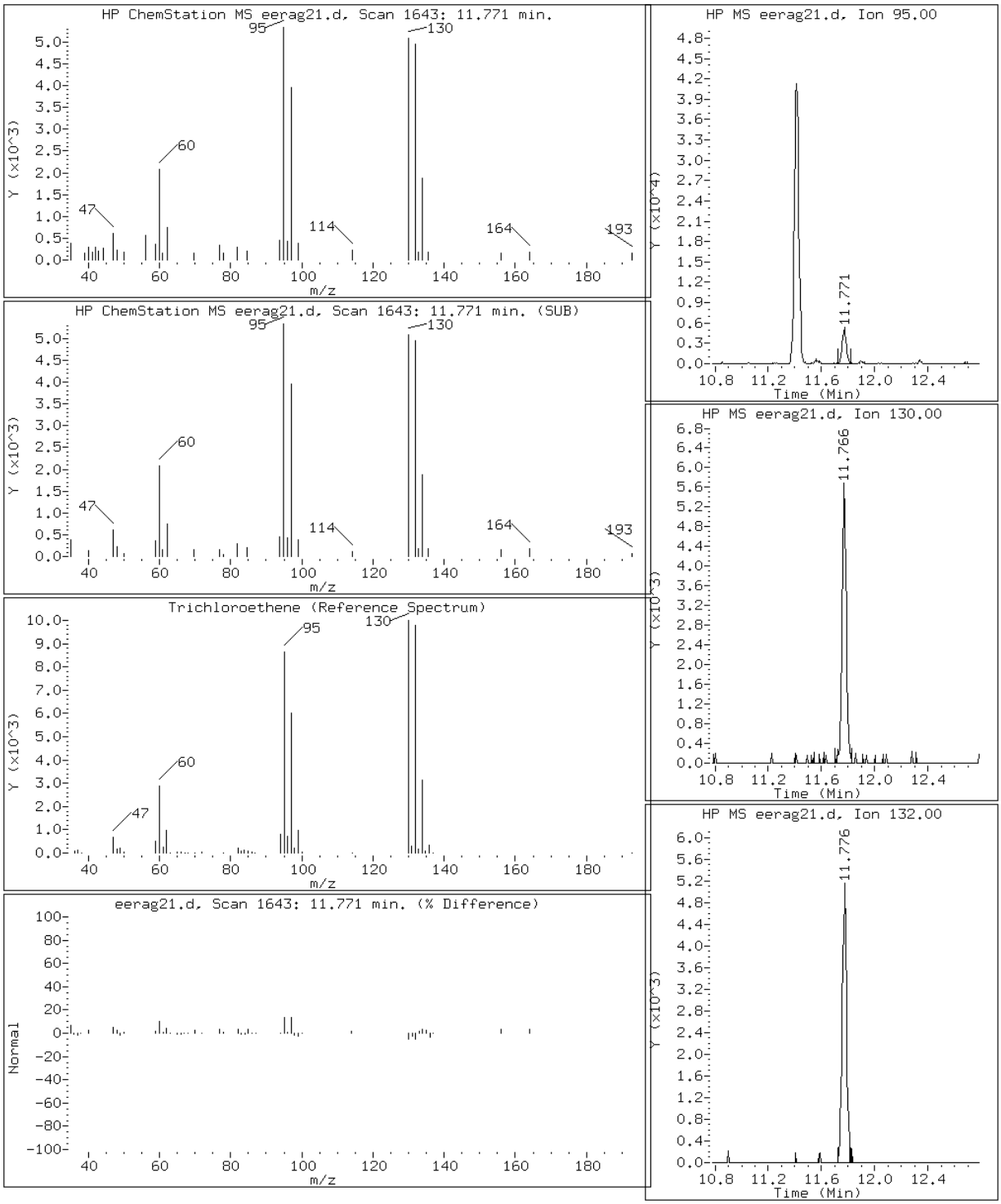
Data File: eerag21.d

Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

49 Trichloroethene



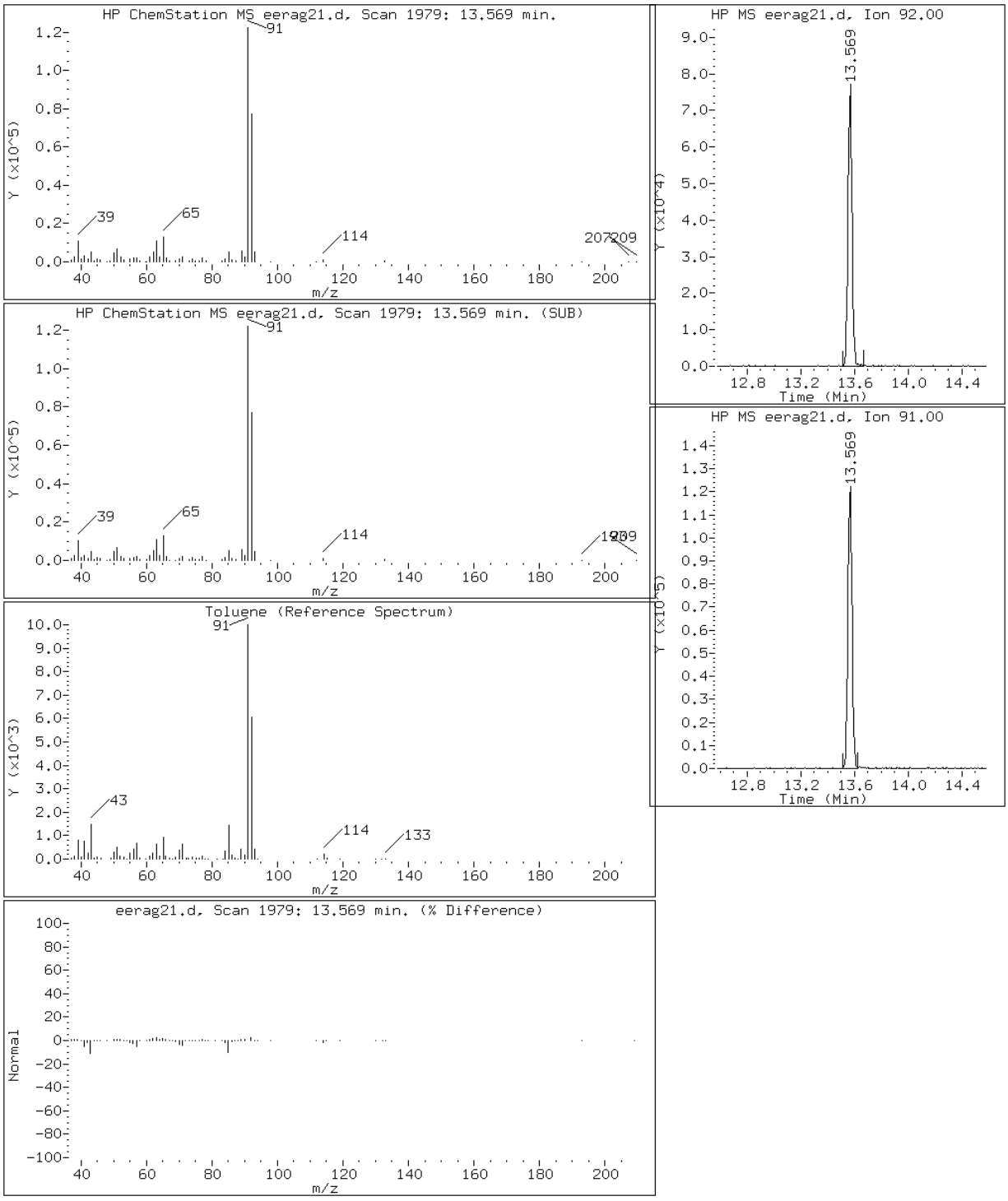
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

58 Toluene



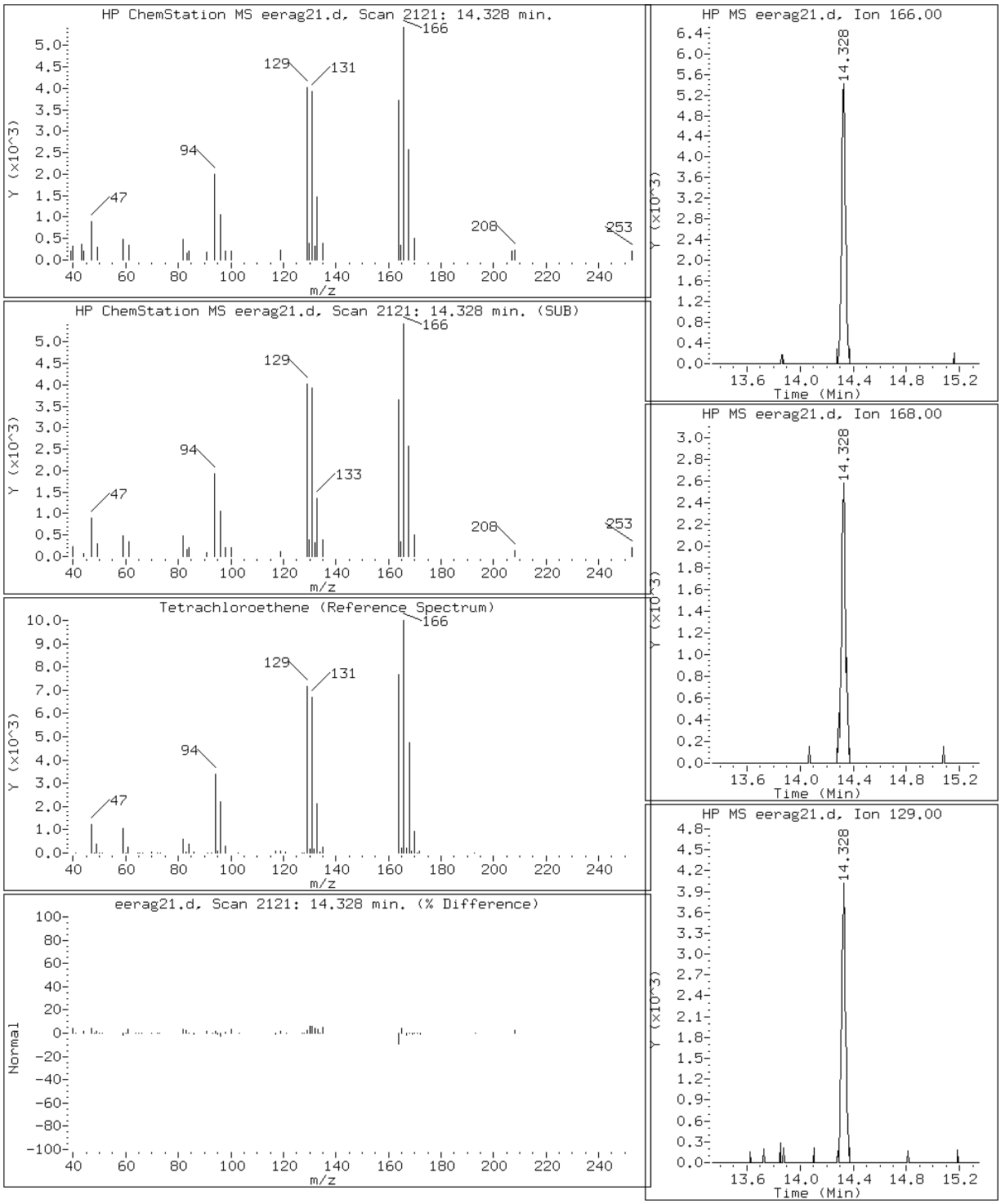
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

61 Tetrachloroethene



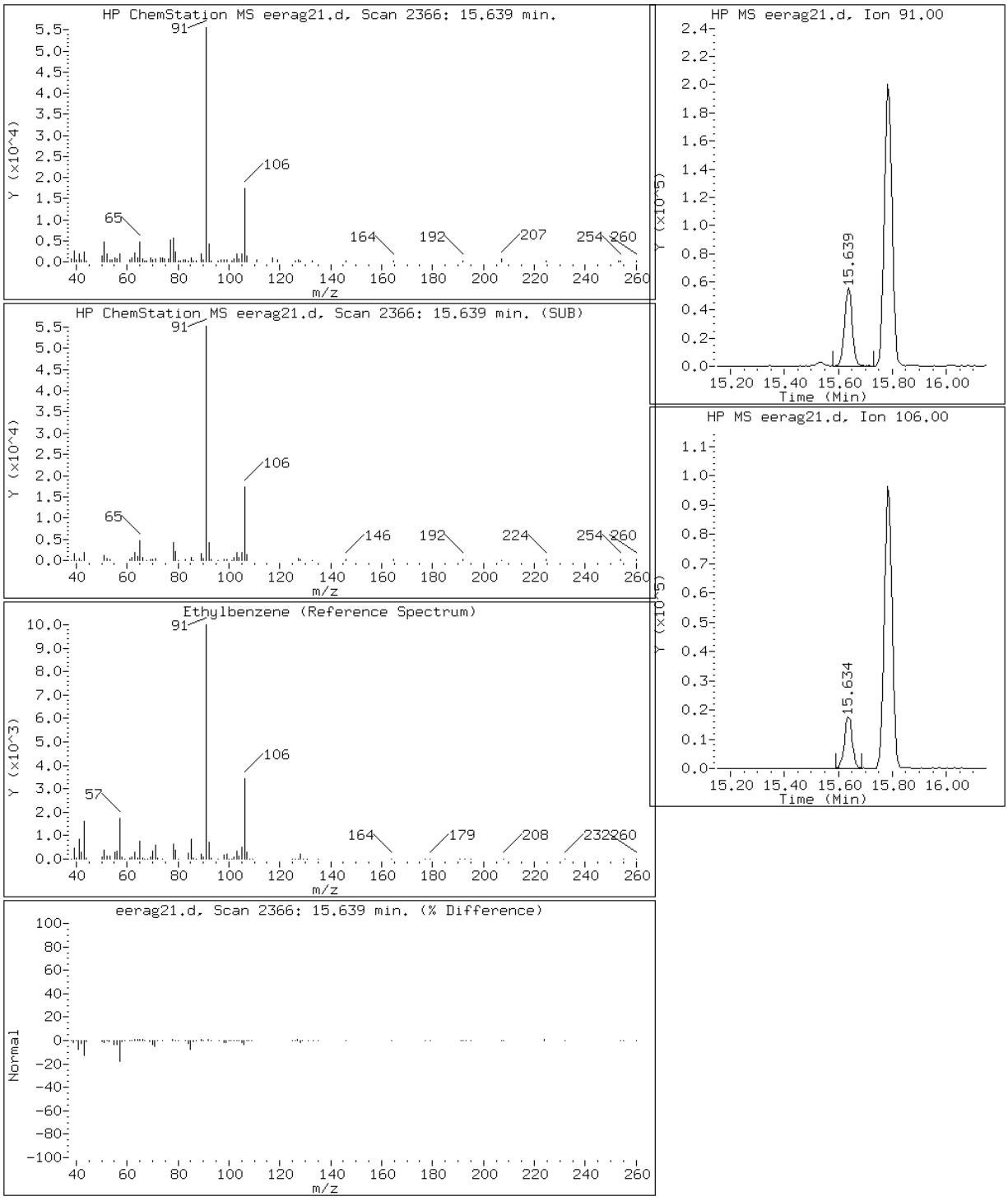
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

67 Ethylbenzene



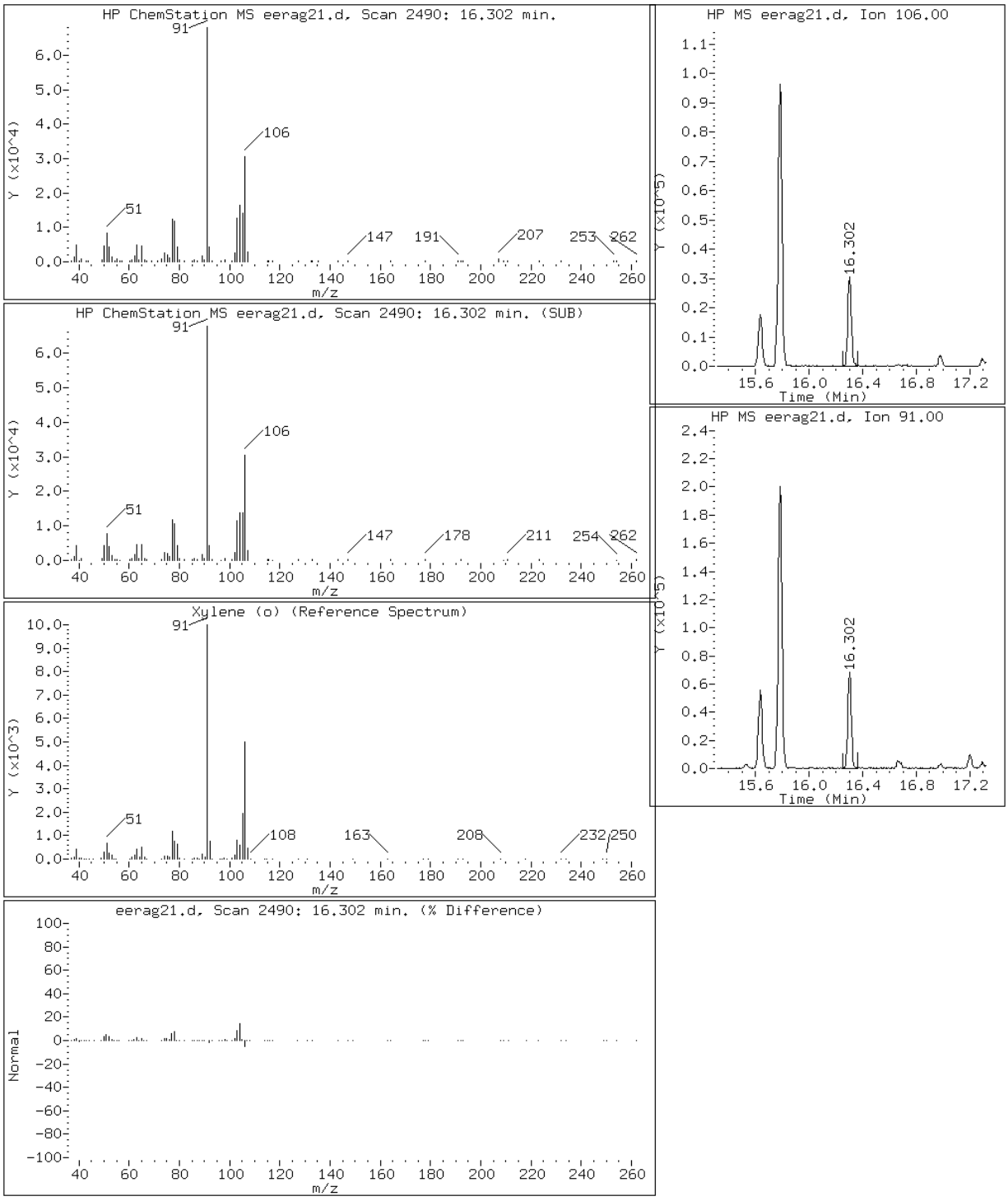
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

71 Xylene (o)



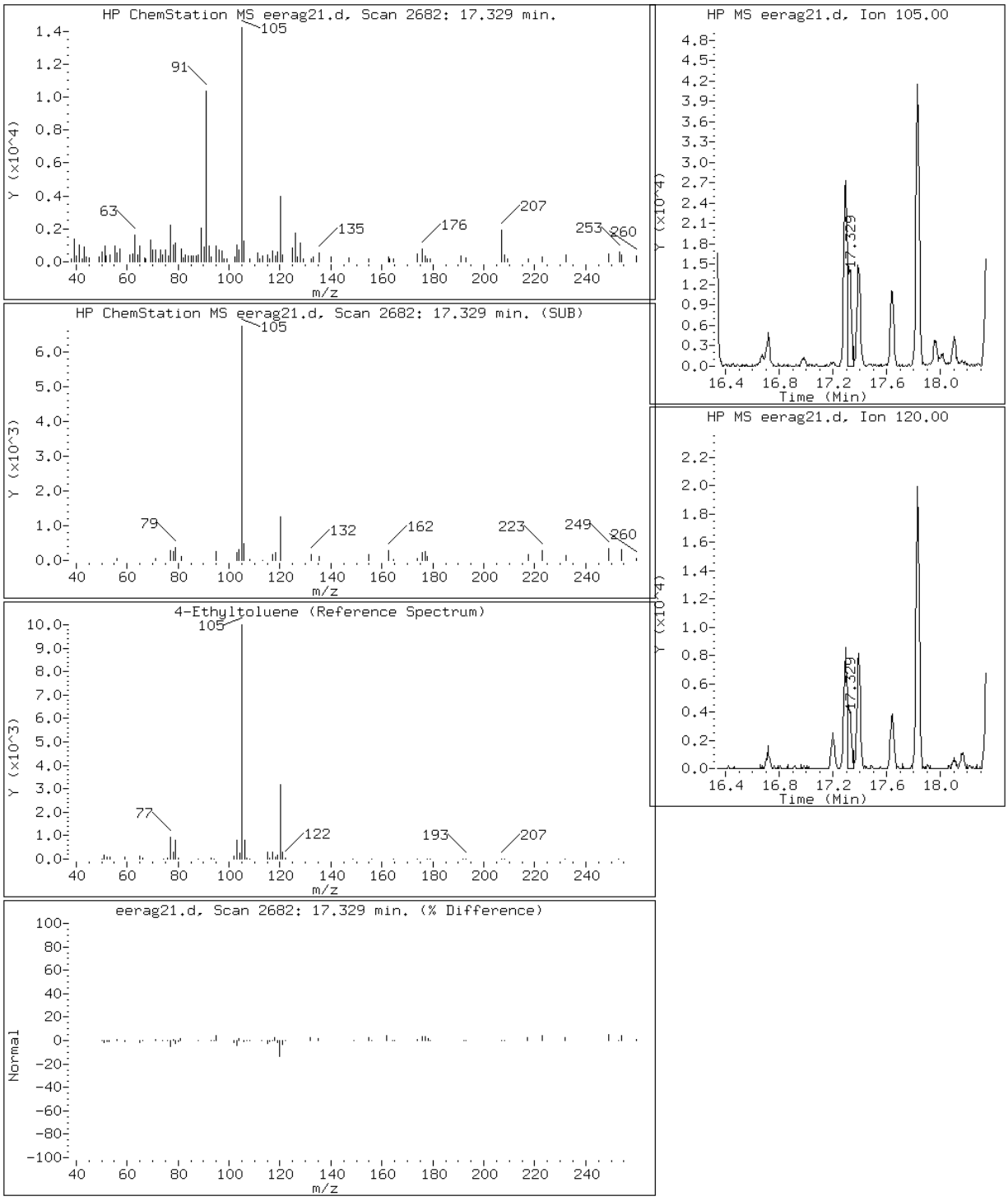
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Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

79 4-Ethyltoluene



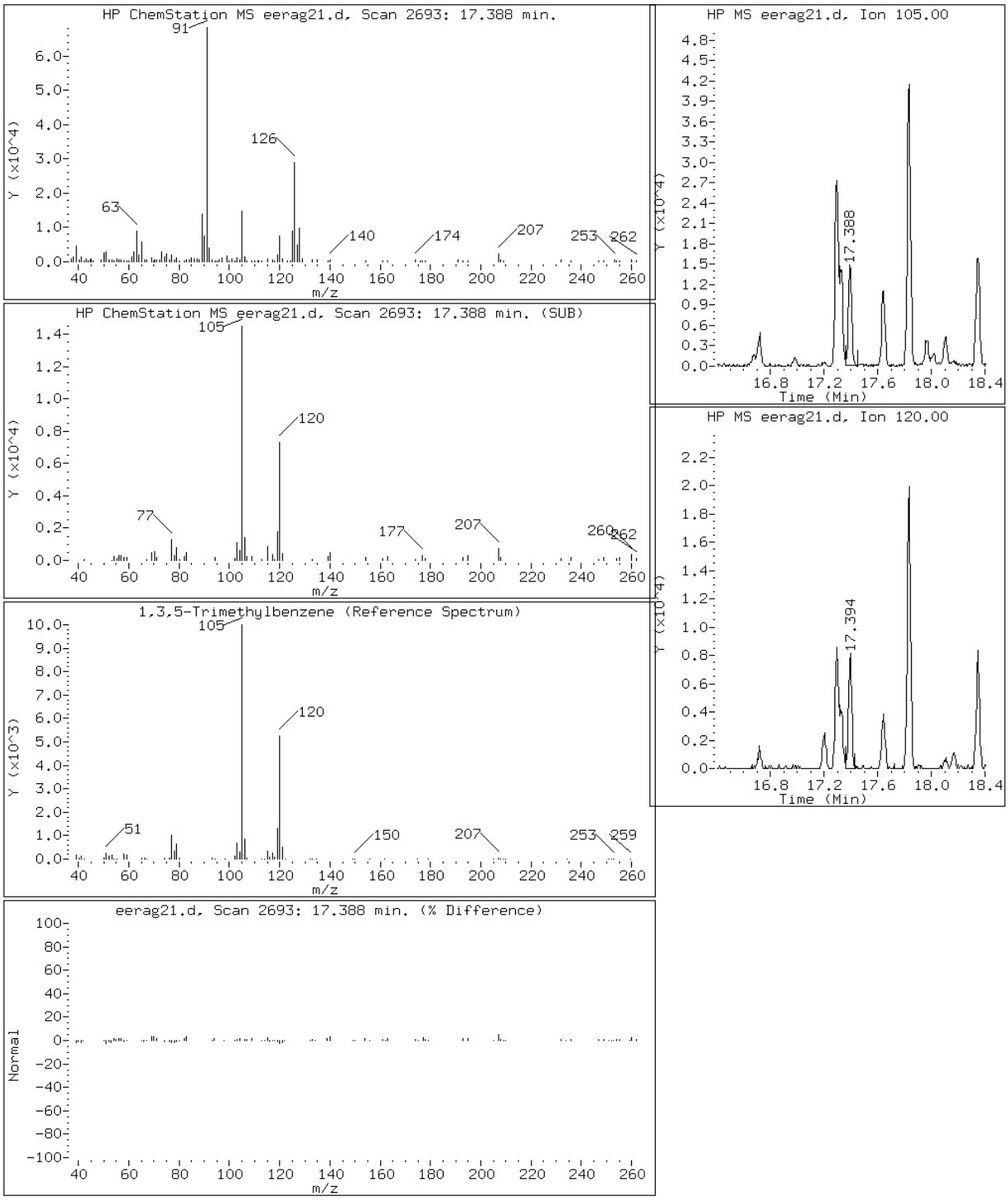
Data File: eerag21.d

Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

81 1,3,5-Trimethylbenzene



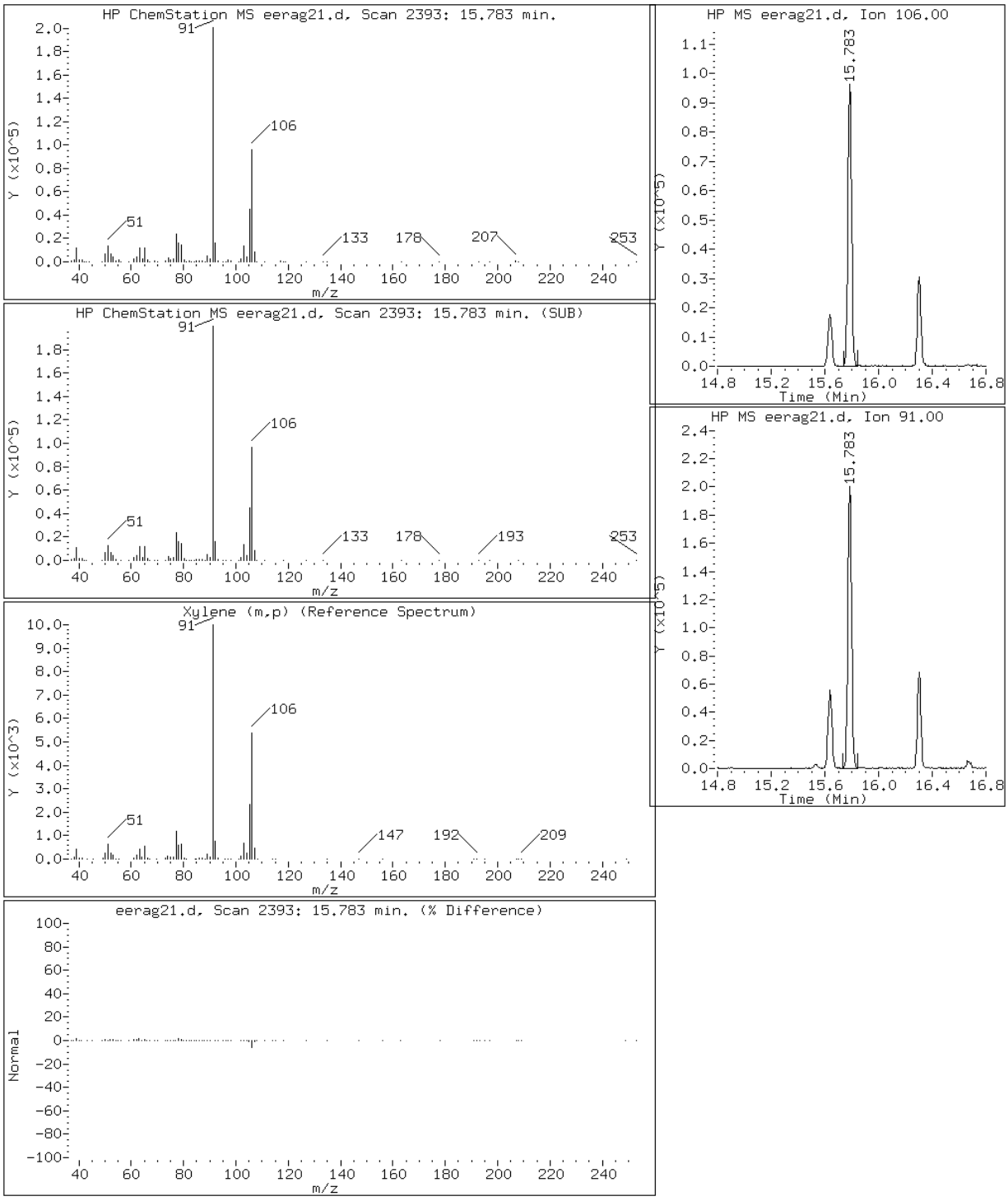
Data File: eerag21.d

Lab Sample ID: 200-9901-7 Date: 27-MAR-2012 06:10

Client ID: IA-031512-CM-35 Instrument: E.i

Sample Info: 200-9901-A-7 Operator: wrd

69 Xylene (m,p)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-36-DUP Lab Sample ID: 200-9901-8

Matrix: Air Lab File ID: eerag22.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:36

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:04

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.43		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.14		0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.41		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.48		0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.39		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.085		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.12		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.069		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.062		0.040	0.040
71-43-2	Benzene	78.11	0.76		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.31		0.040	0.040
79-01-6	Trichloroethene	131.39	0.16		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.9		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.11		0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.78		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-36-DUP Lab Sample ID: 200-9901-8

Matrix: Air Lab File ID: eerag22.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:36

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:04

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	1.2		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.21		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.29		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	3.6		0.040	0.040
1330-20-7	Xylenes, Total	106.17	4.8		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-36-DUP Lab Sample ID: 200-9901-8

Matrix: Air Lab File ID: eerag22.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:36

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:04

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.1		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.31		0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	2.3		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.7		1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	1.4		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.41		0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.41		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.43		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.29		0.19	0.19
71-43-2	Benzene	78.11	2.4		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	1.3		0.16	0.16
79-01-6	Trichloroethene	131.39	0.85		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	7.2		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.73		0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	3.4		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-36-DUP Lab Sample ID: 200-9901-8

Matrix: Air Lab File ID: eerag22.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:36

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:04

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	5.1		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	1.0		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	1.4		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	16		0.17	0.17
1330-20-7	Xylenes, Total	106.17	21		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-8
Client Smp ID: IA-031512-CM-36-DUP
Inj Date : 27-MAR-2012 07:04
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-8
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 6
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

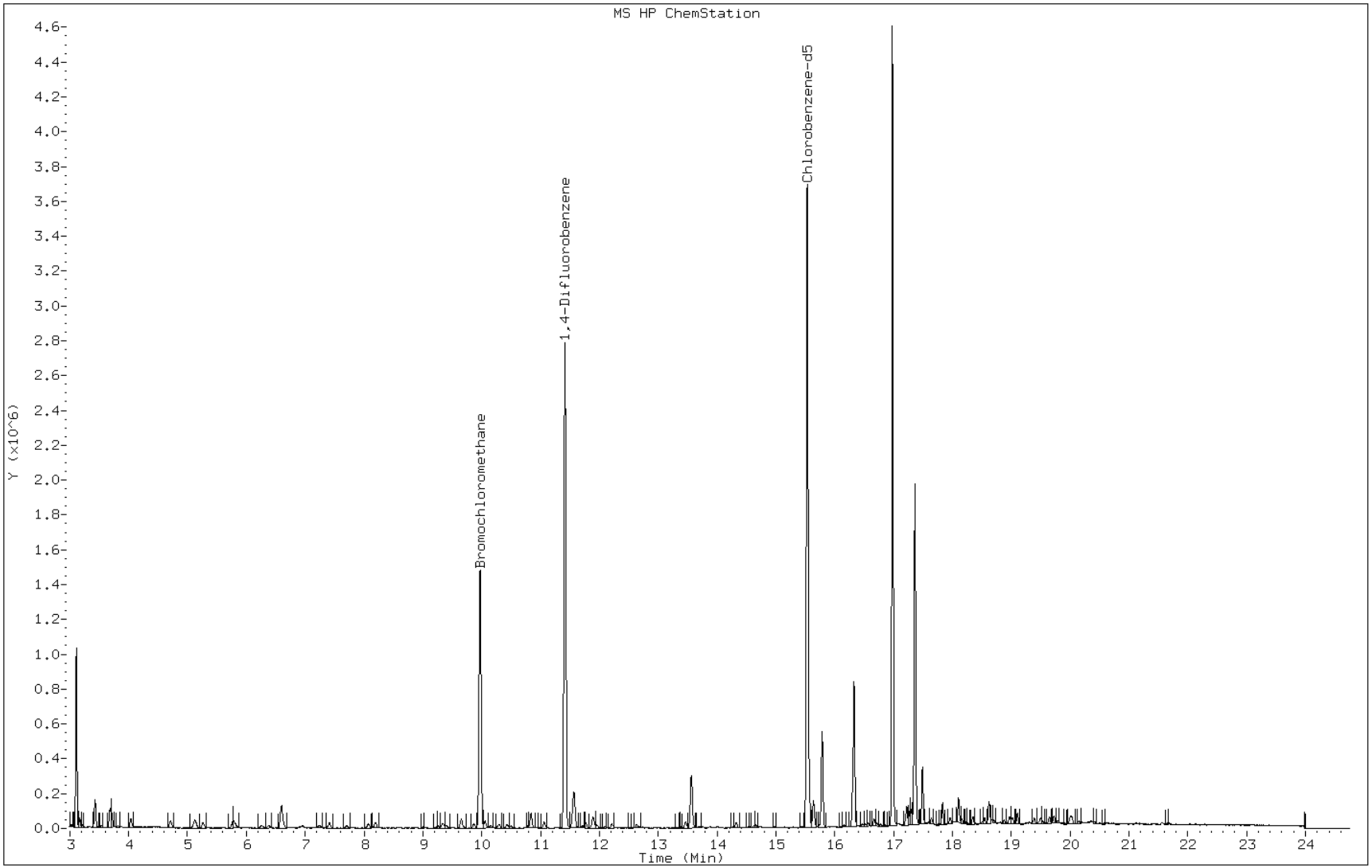
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	48122	0.10861	0.43
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	3.816	3.827	(0.383)	2932	0.03526	0.14
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.121	5.138	(0.514)	67666	0.10337	0.41
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.630)	7118	0.01668	0.067(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.411	7.433	(0.743)	19008	0.11917	0.48
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.192	8.203	(0.822)	22059	0.09794	0.39
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
*	36 Bromochloromethane	128	9.968	9.990	(1.000)	613851	2.00000	
	39 Chloroform	83	10.059	10.075	(1.009)	9424	0.02113	0.084
	40 Cyclohexane	84	10.300	10.305	(0.902)	7996	0.03005	0.12(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.498	10.514	(0.920)	11068	0.01719	0.069
	43 2,2,4-Trimethylpentane	57	10.787	10.803	(0.945)	10383	0.01546	0.062
	44 Benzene	78	10.840	10.851	(0.950)	95741	0.19070	0.76
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.054	11.076	(0.969)	16141	0.07858	0.31
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	2963611	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	10929	0.03940	0.16
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.569	13.579	(0.874)	157331	0.48035	1.9
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.328	14.344	(0.922)	11717	0.02692	0.11
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2639623	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	120828	0.19488	0.78
	69 Xylene (m,p)	106	15.783	15.799	(1.016)	195402	0.91098	3.6
M	70 Xylene, Total	106				255286	1.20313	4.8
	71 Xylene (o)	106	16.302	16.318	(1.050)	59884	0.29215	1.2
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.324	17.340	(1.115)	20972	0.05267	0.21(M)
	81 1,3,5-Trimethylbenzene	105	17.394	17.404	(1.120)	25021	0.07292	0.29

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eerag22.d	Date:	27-MAR-2012 07:04
Client ID:	IA-031512-CM-36-DUP	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-8		
Lab Sample ID:	200-9901-8		



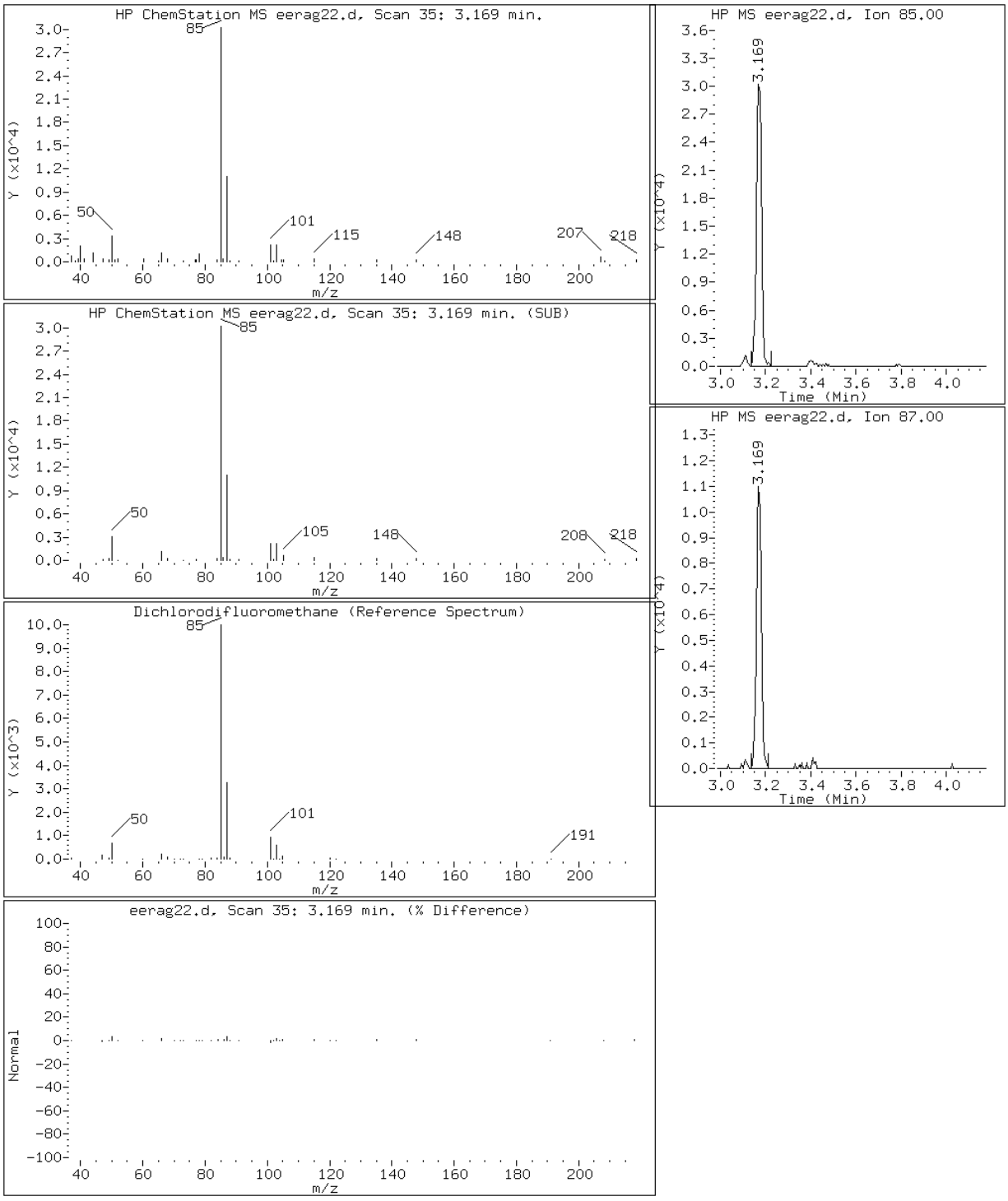
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

2 Dichlorodifluoromethane



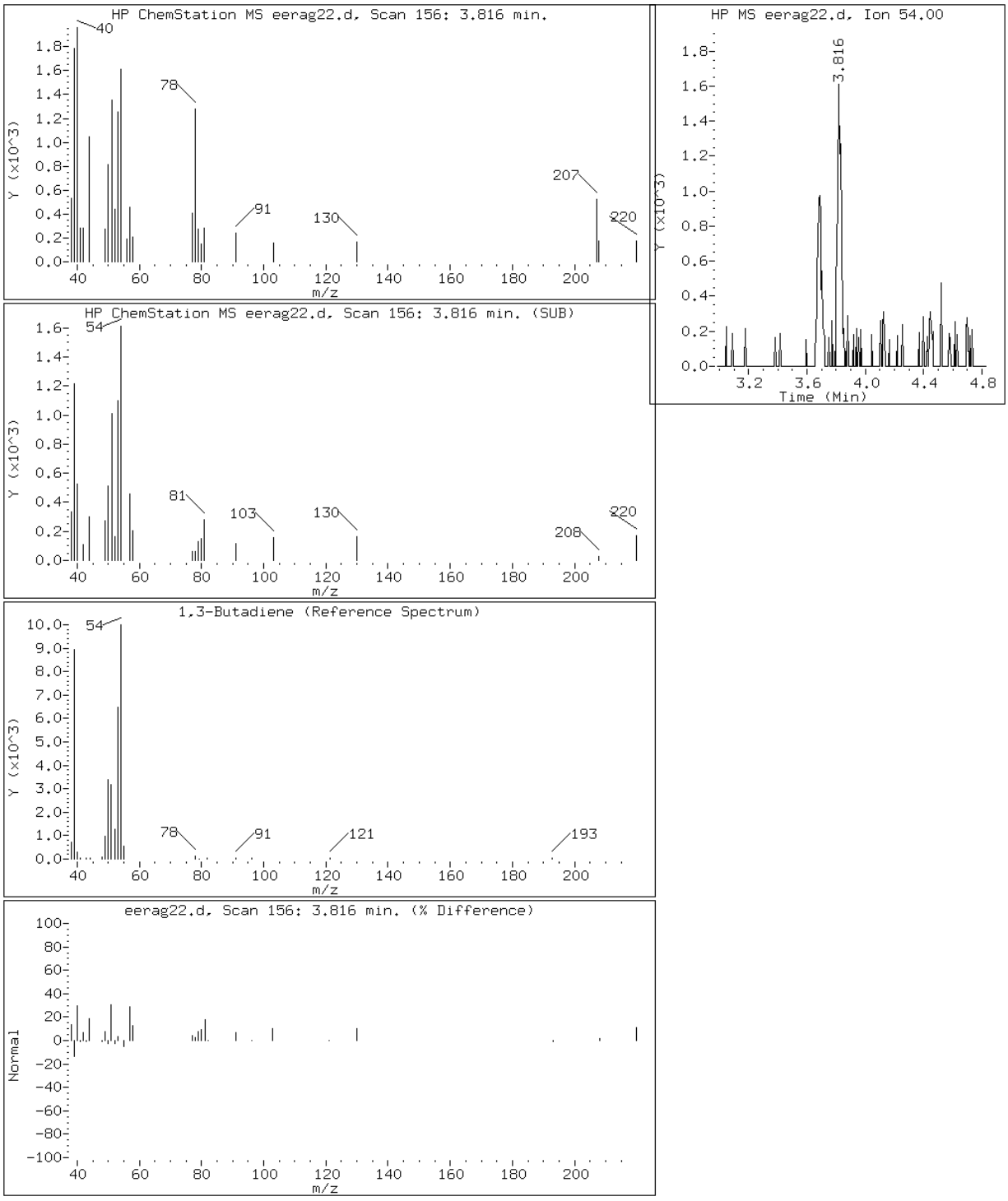
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

8 1,3-Butadiene



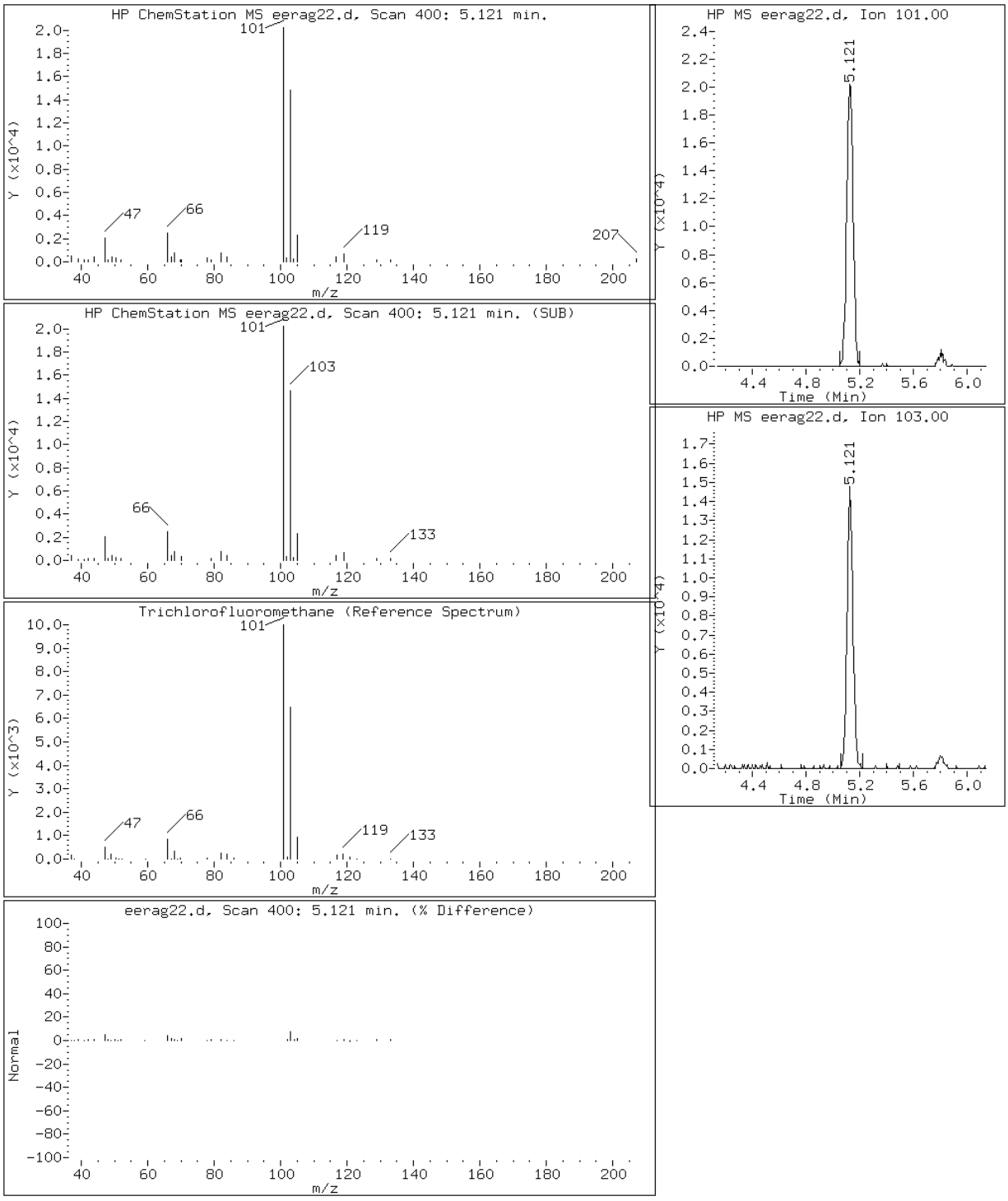
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

13 Trichlorofluoromethane



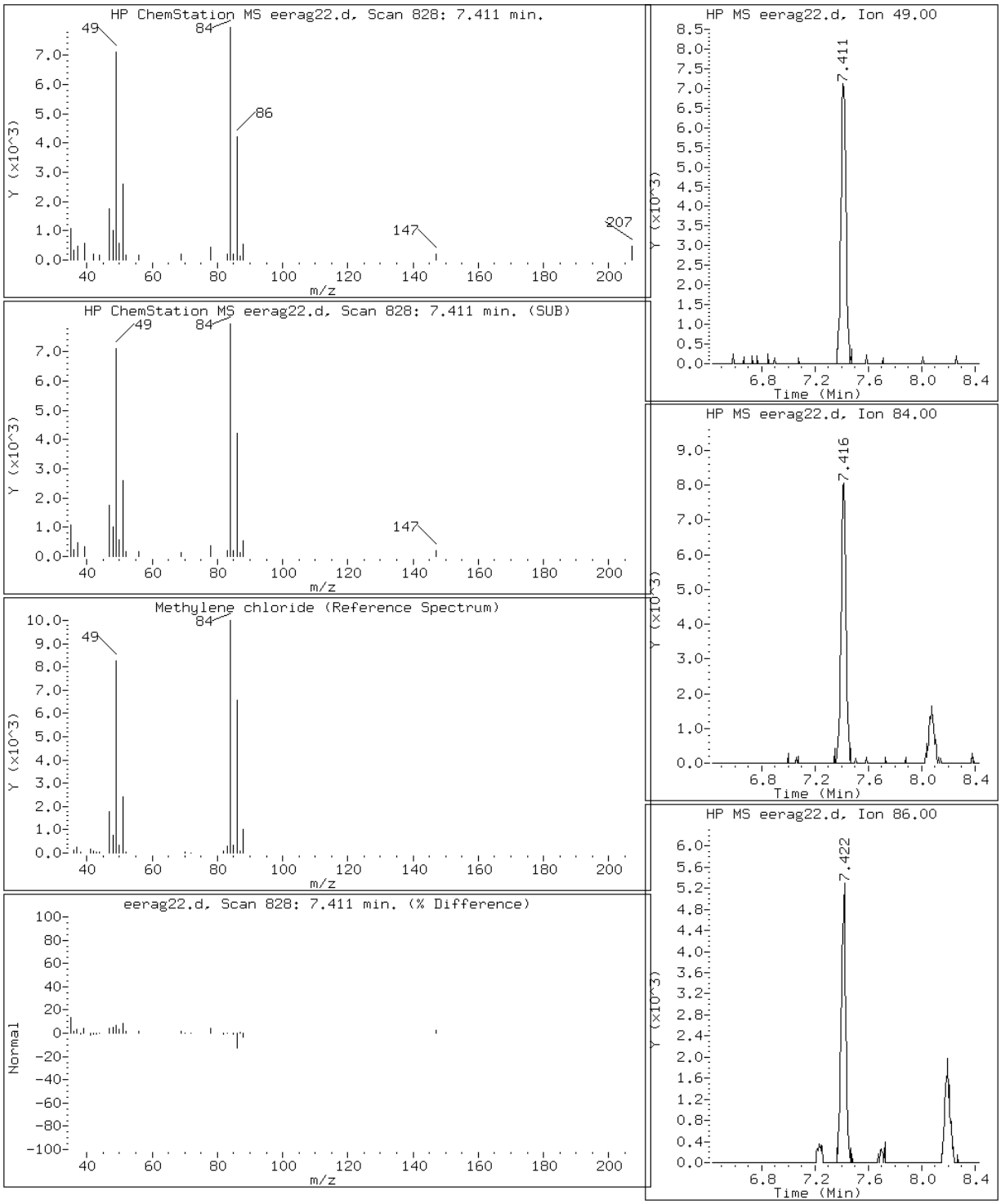
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

25 Methylene chloride



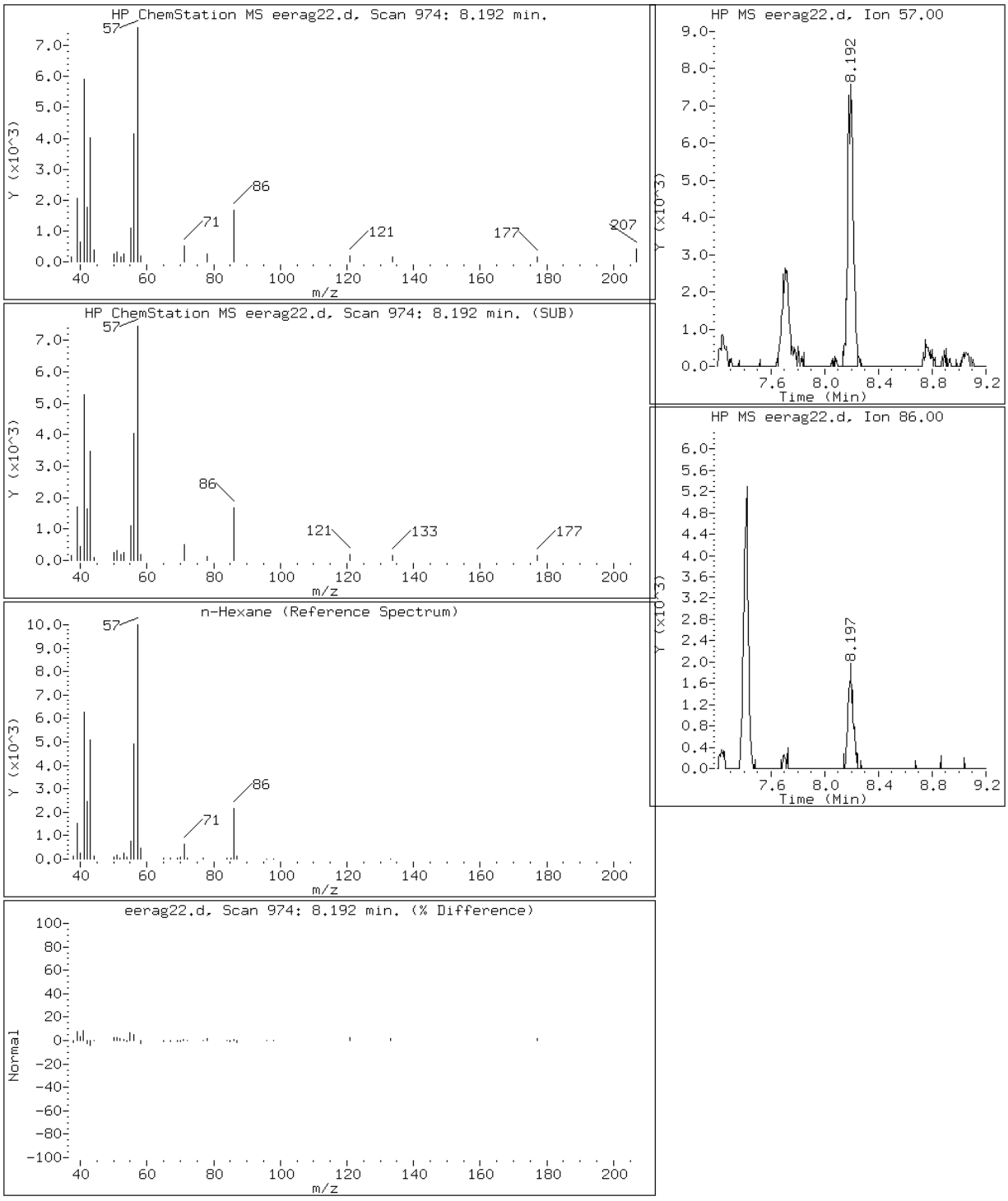
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

30 n-Hexane



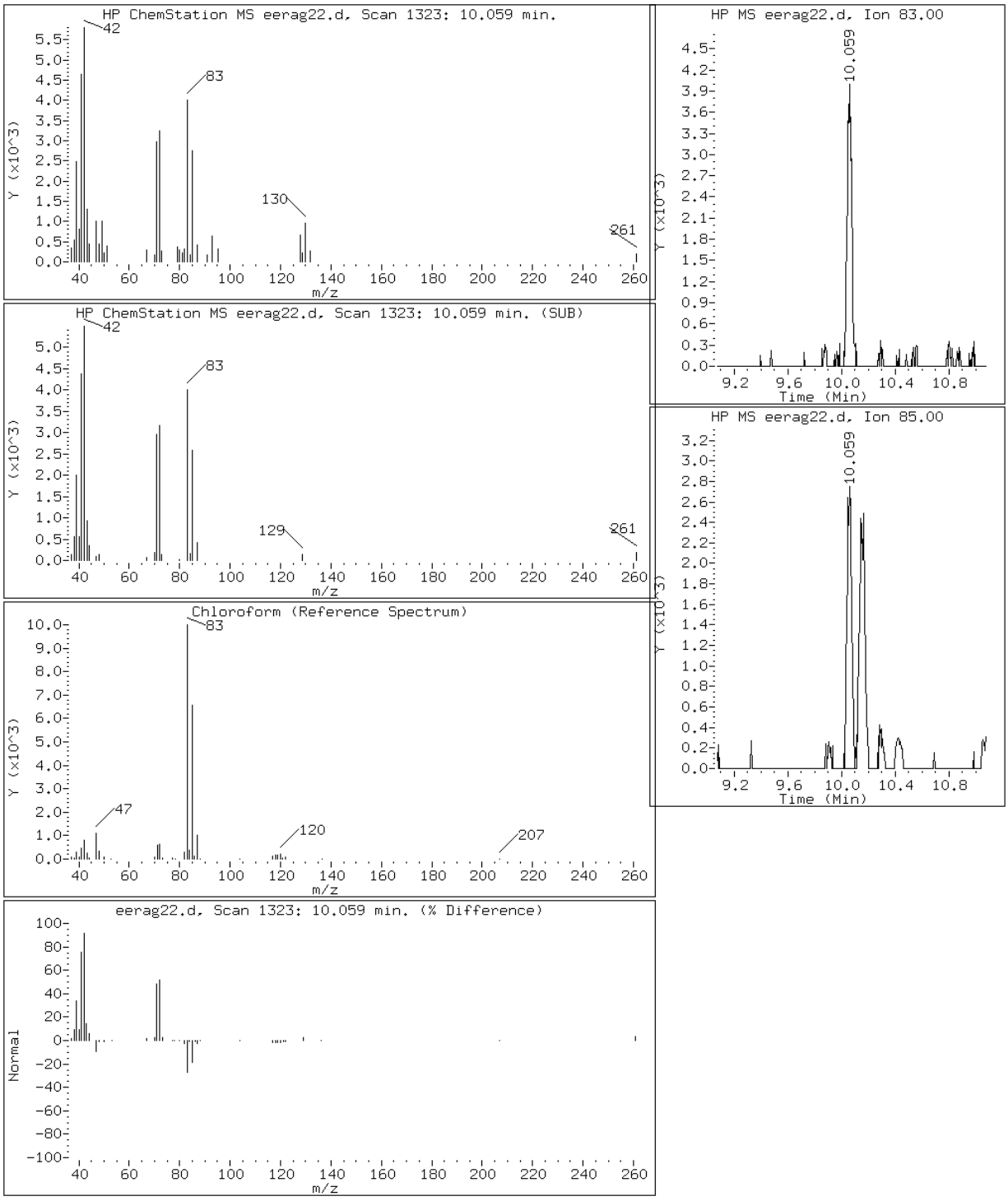
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

39 Chloroform



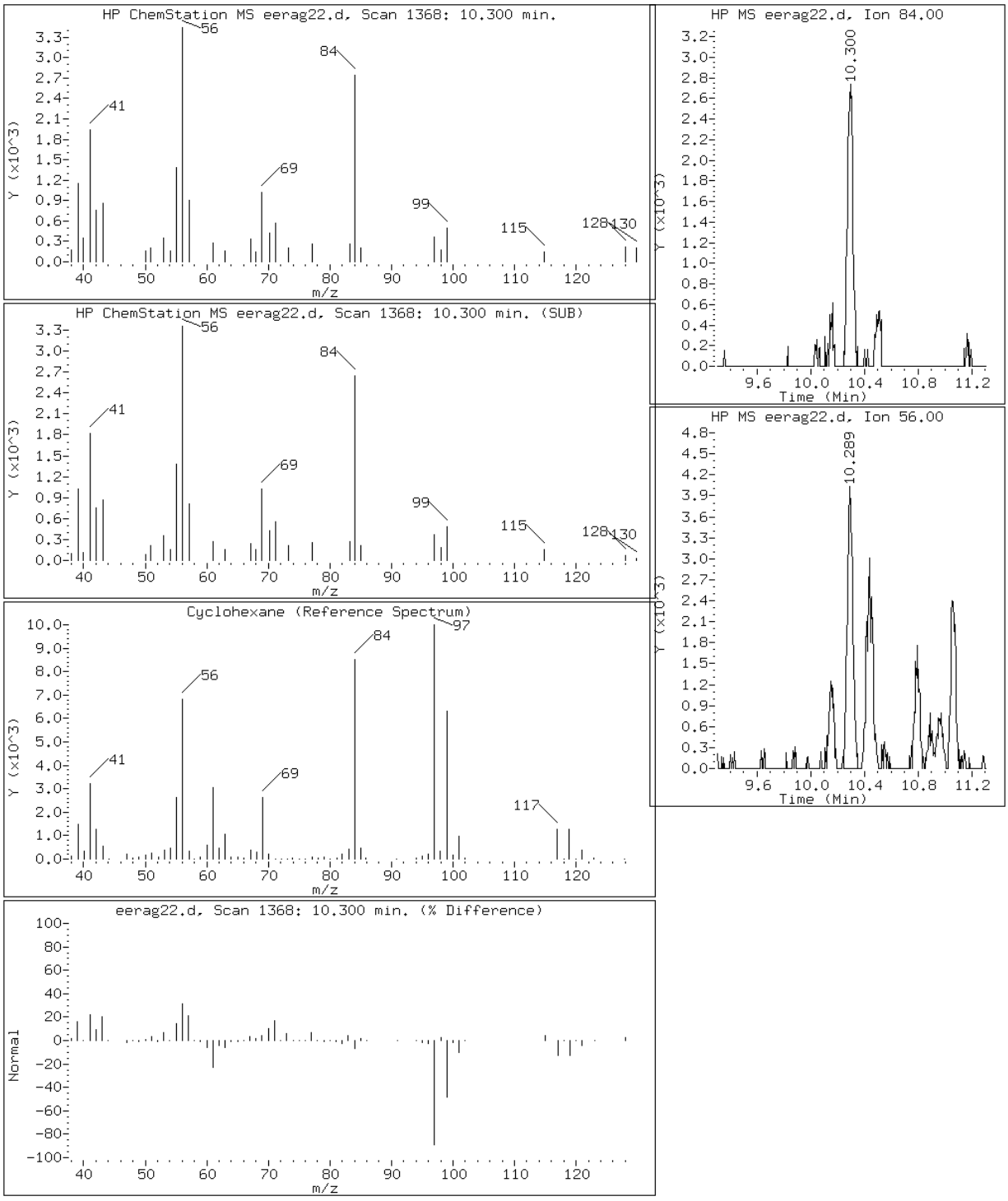
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

40 Cyclohexane



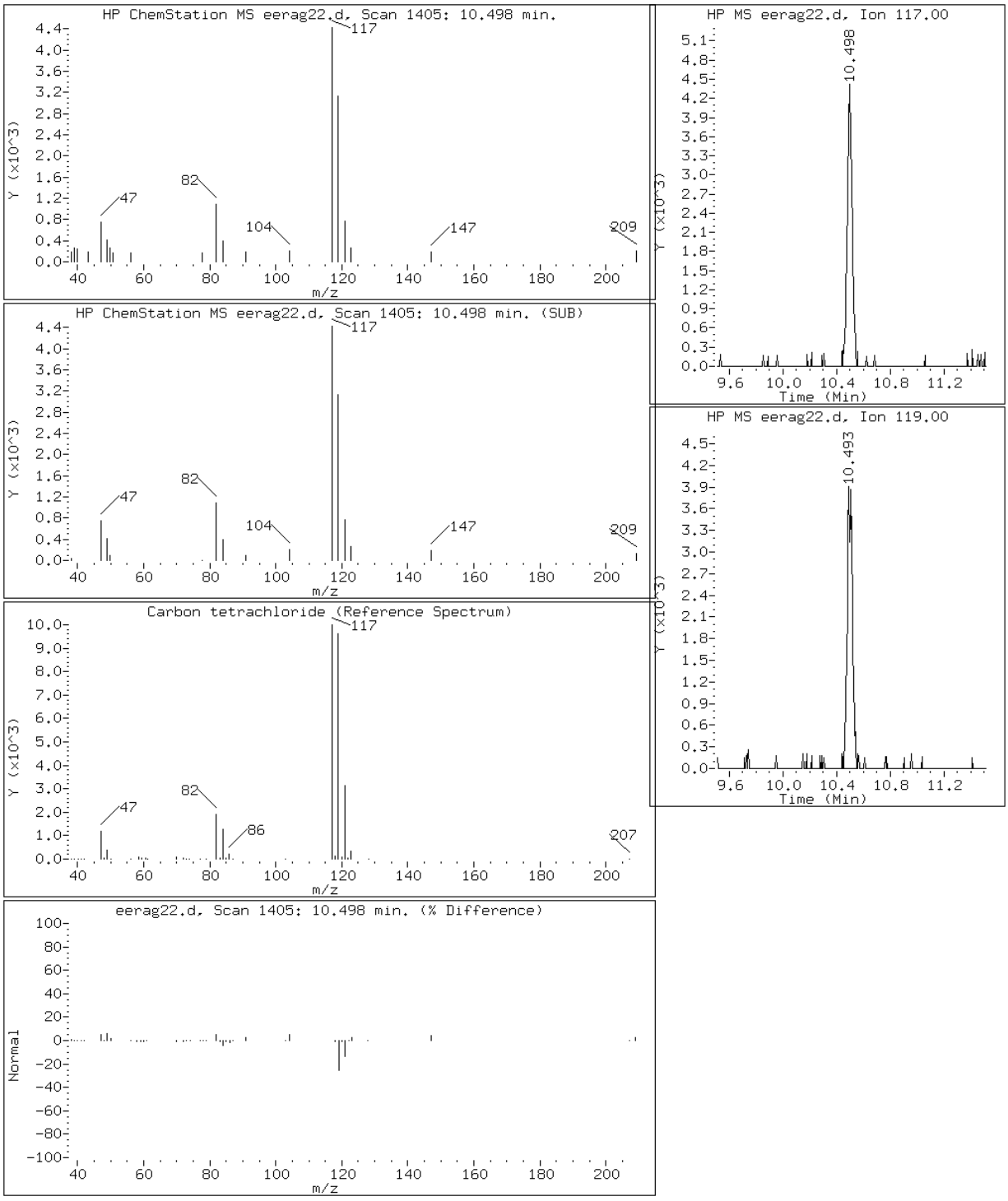
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

42 Carbon tetrachloride



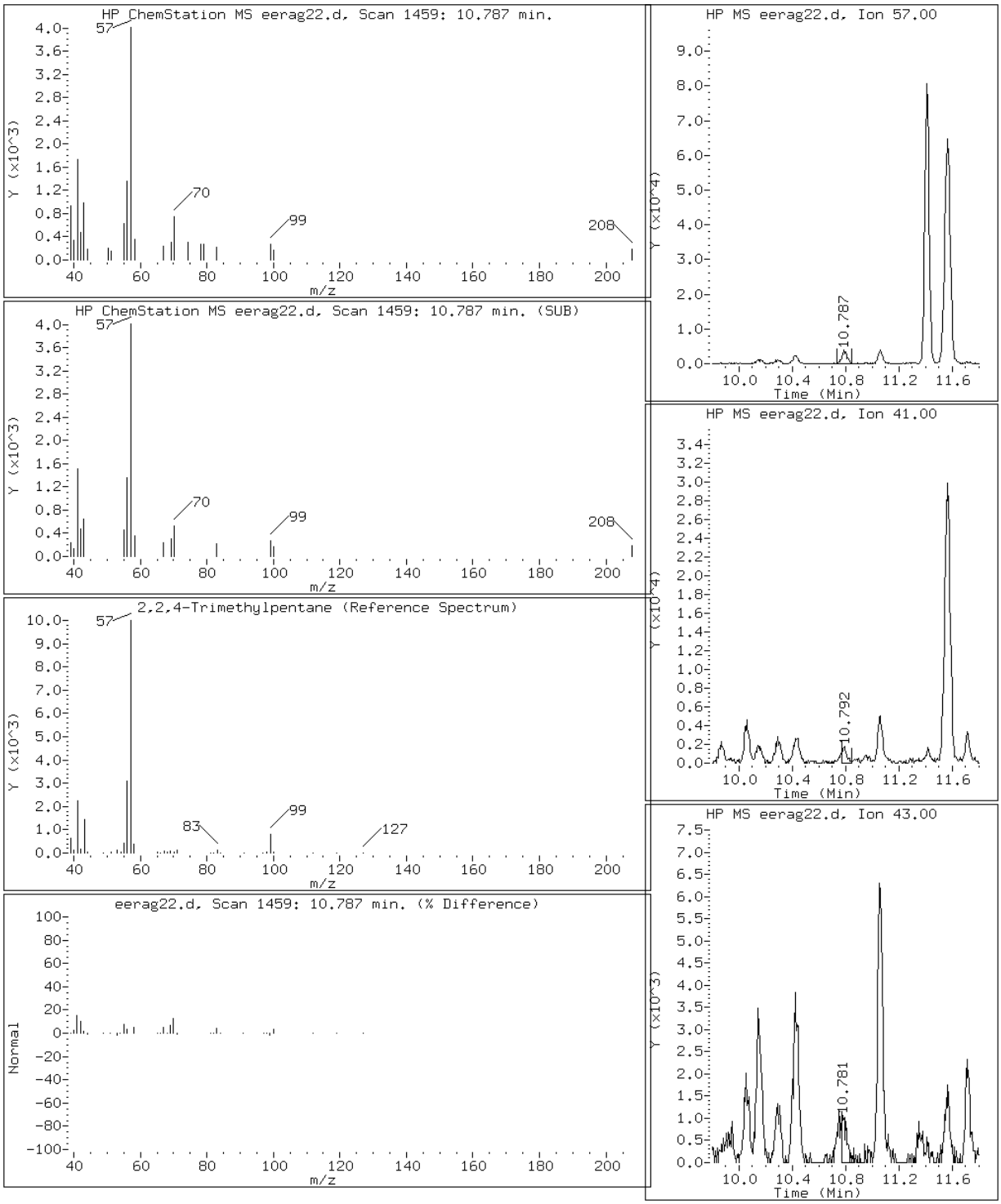
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

43 2,2,4-Trimethylpentane



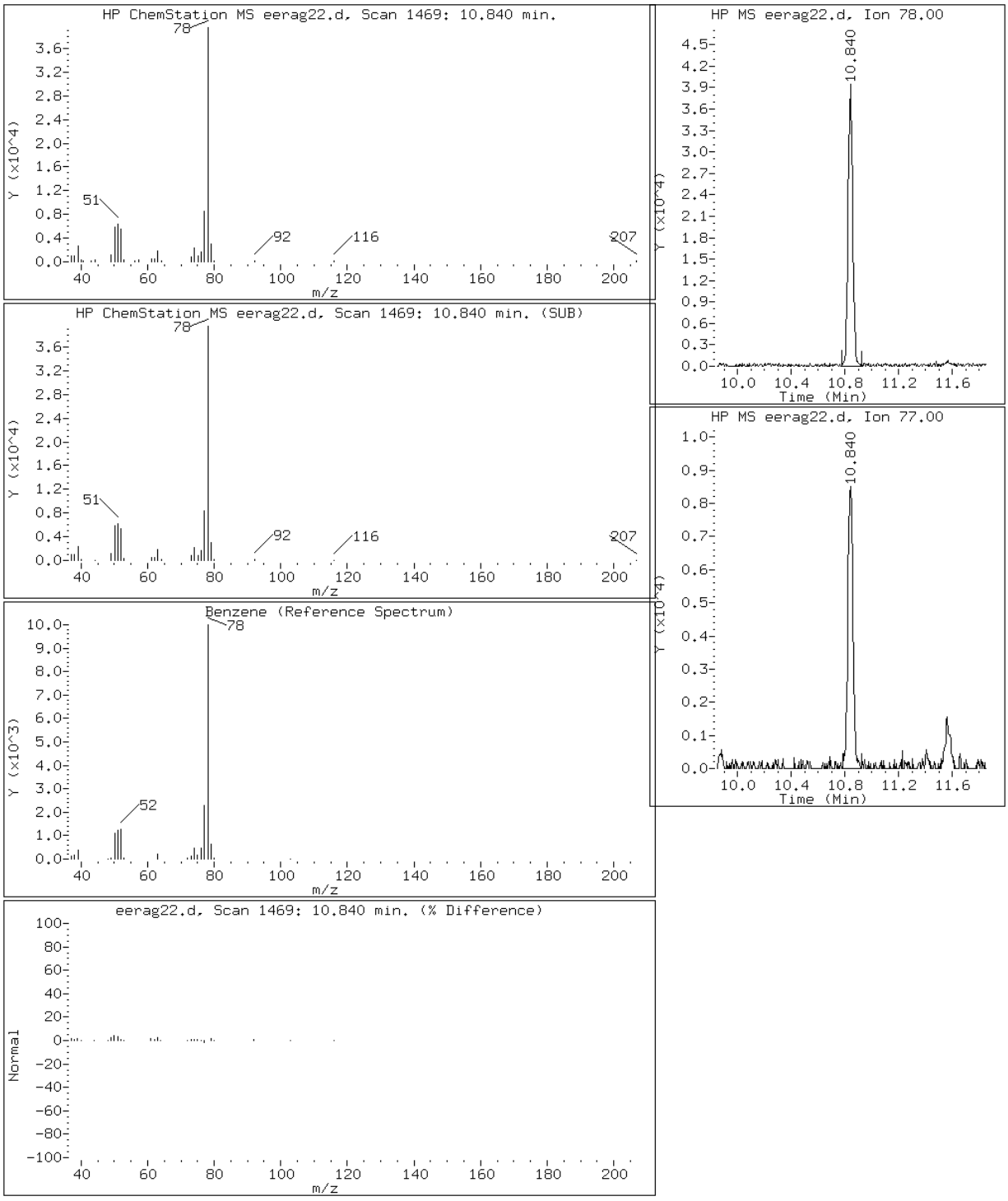
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

44 Benzene



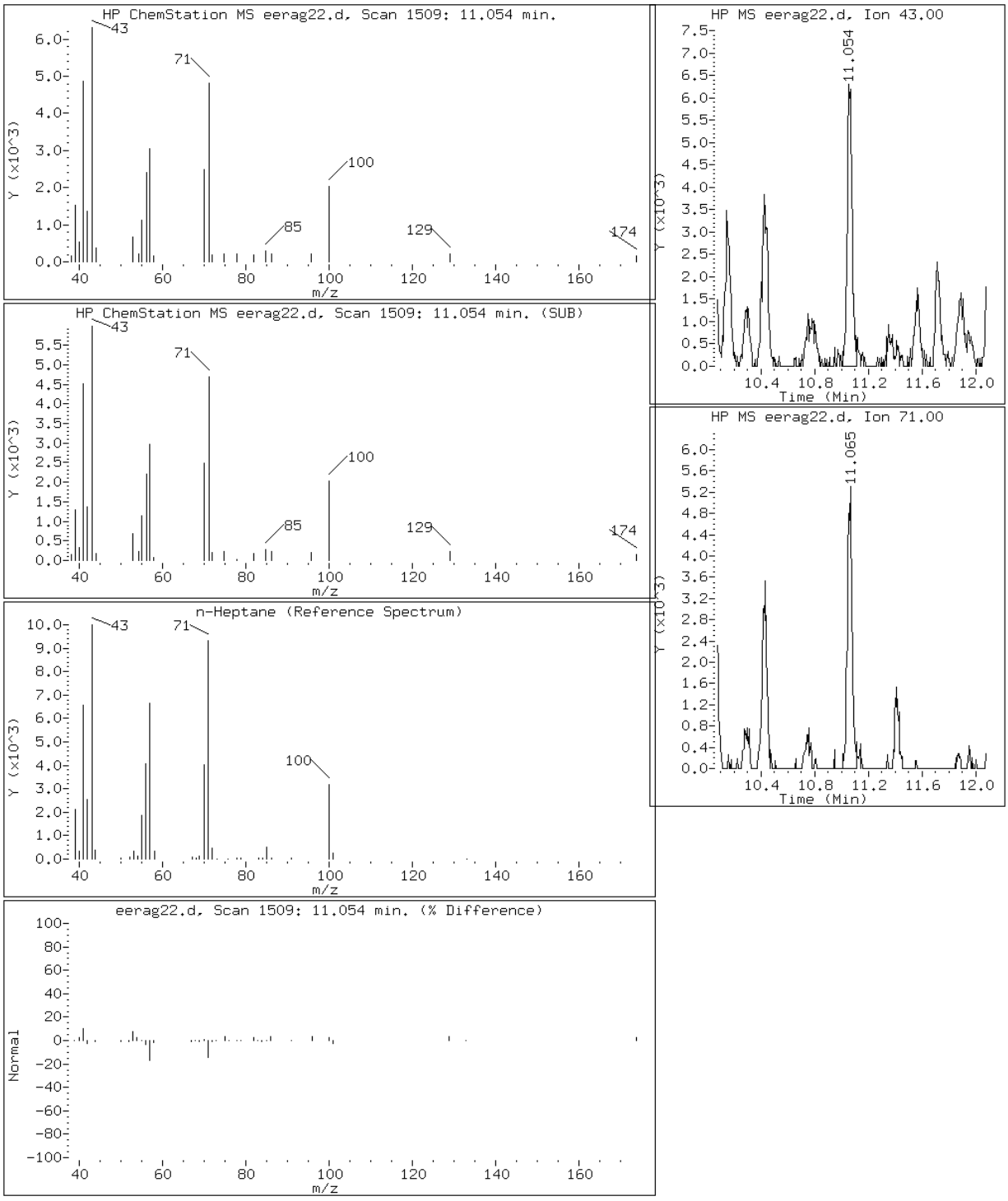
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

46 n-Heptane



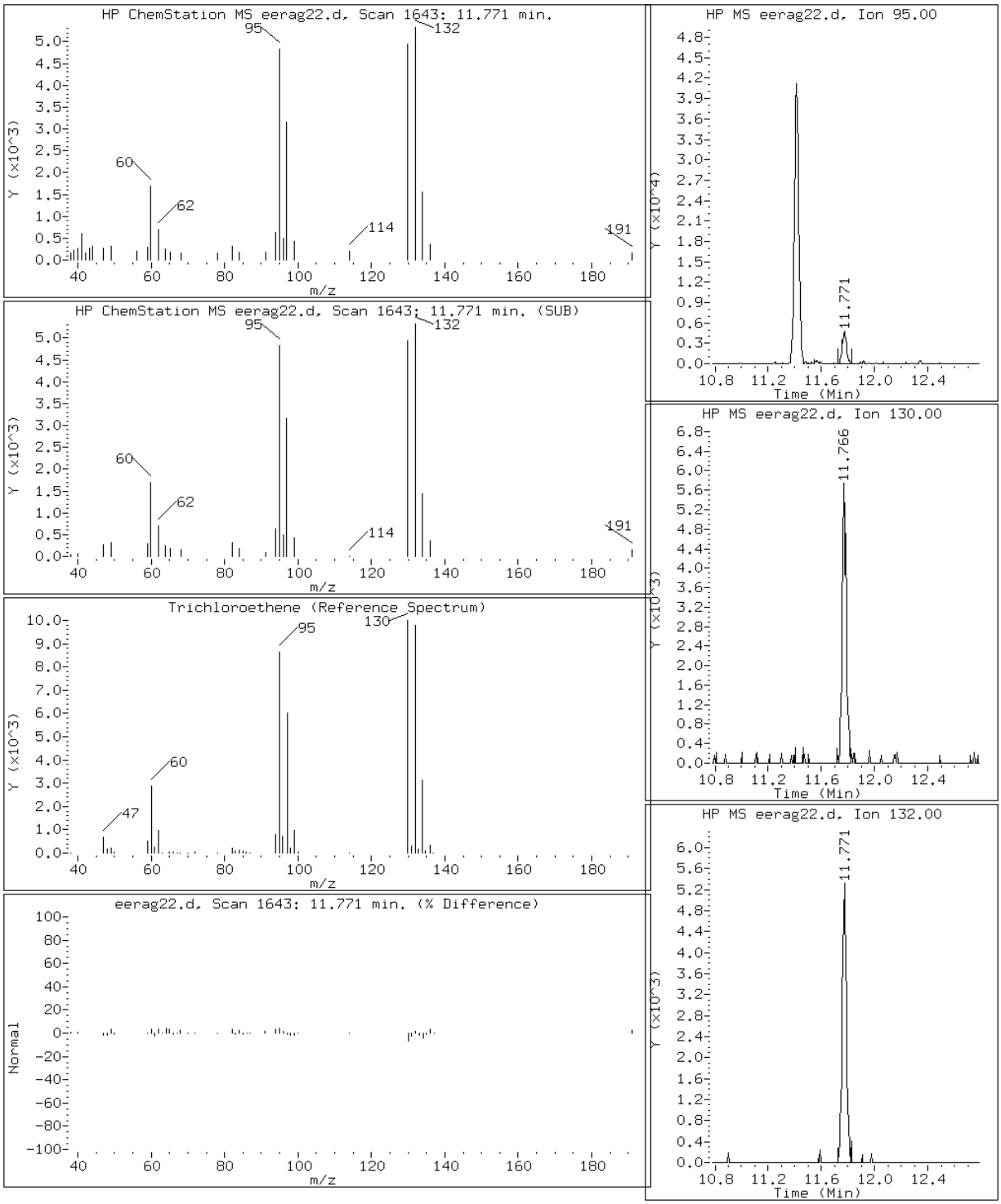
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

49 Trichloroethene



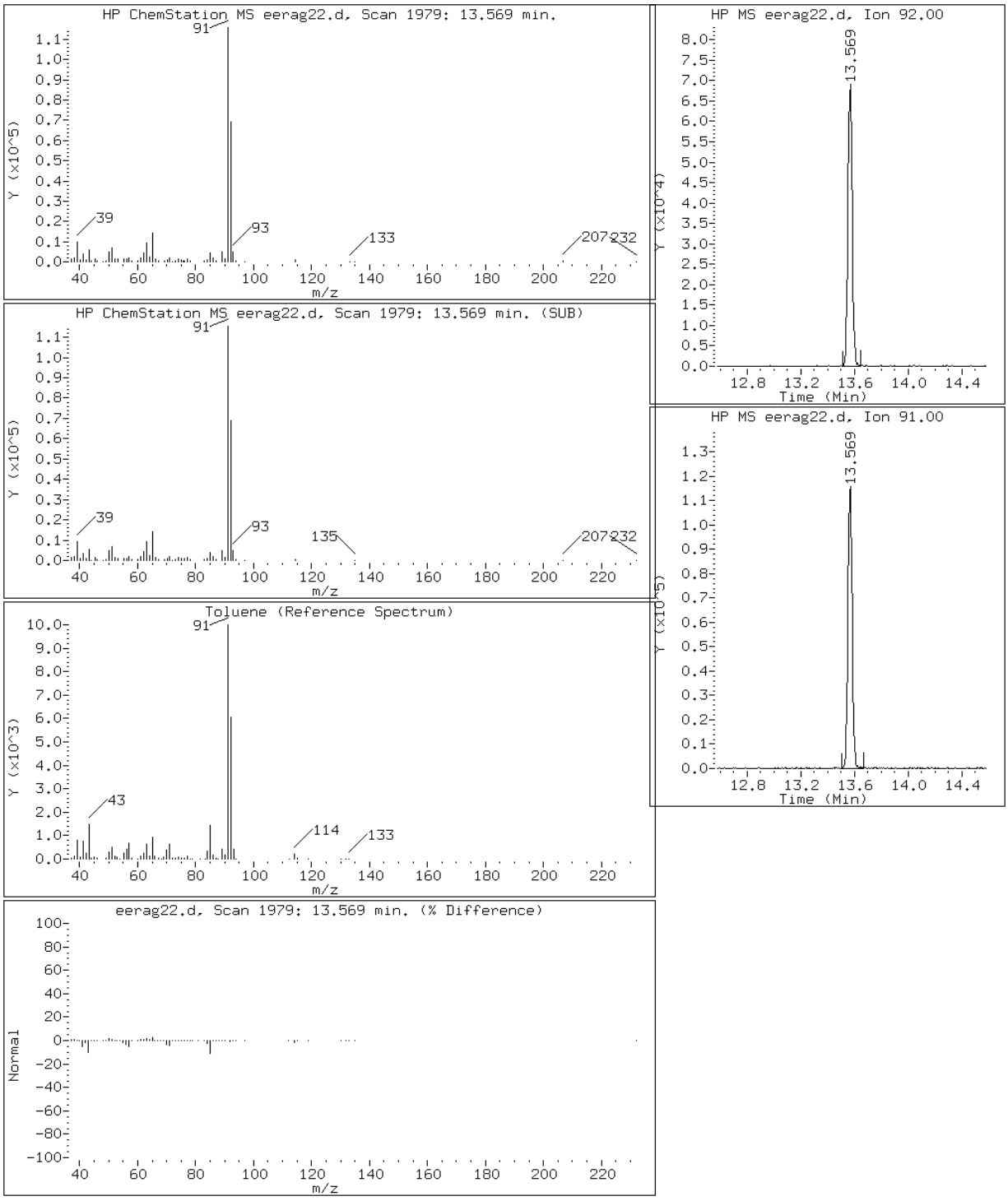
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

58 Toluene



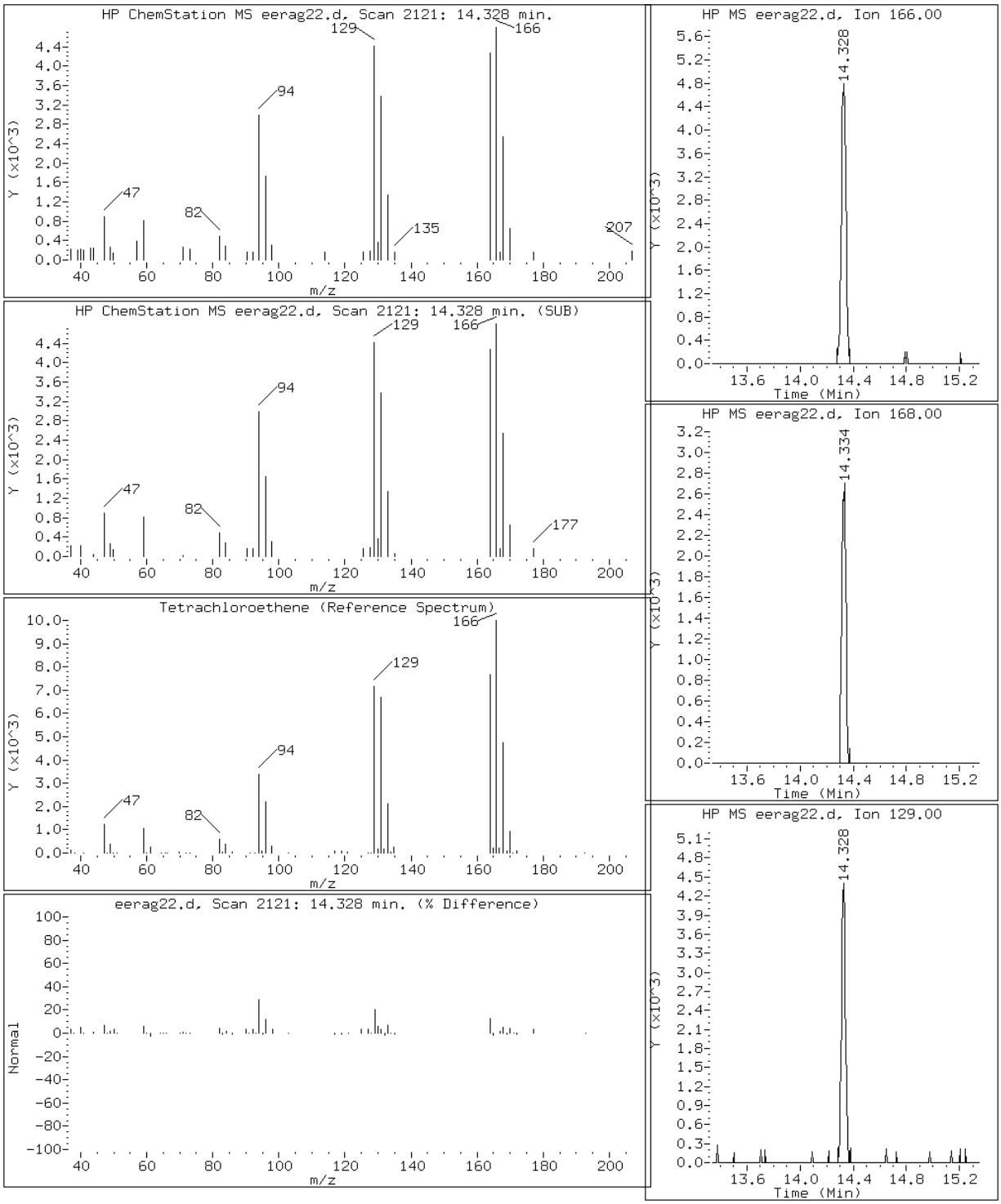
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

61 Tetrachloroethene



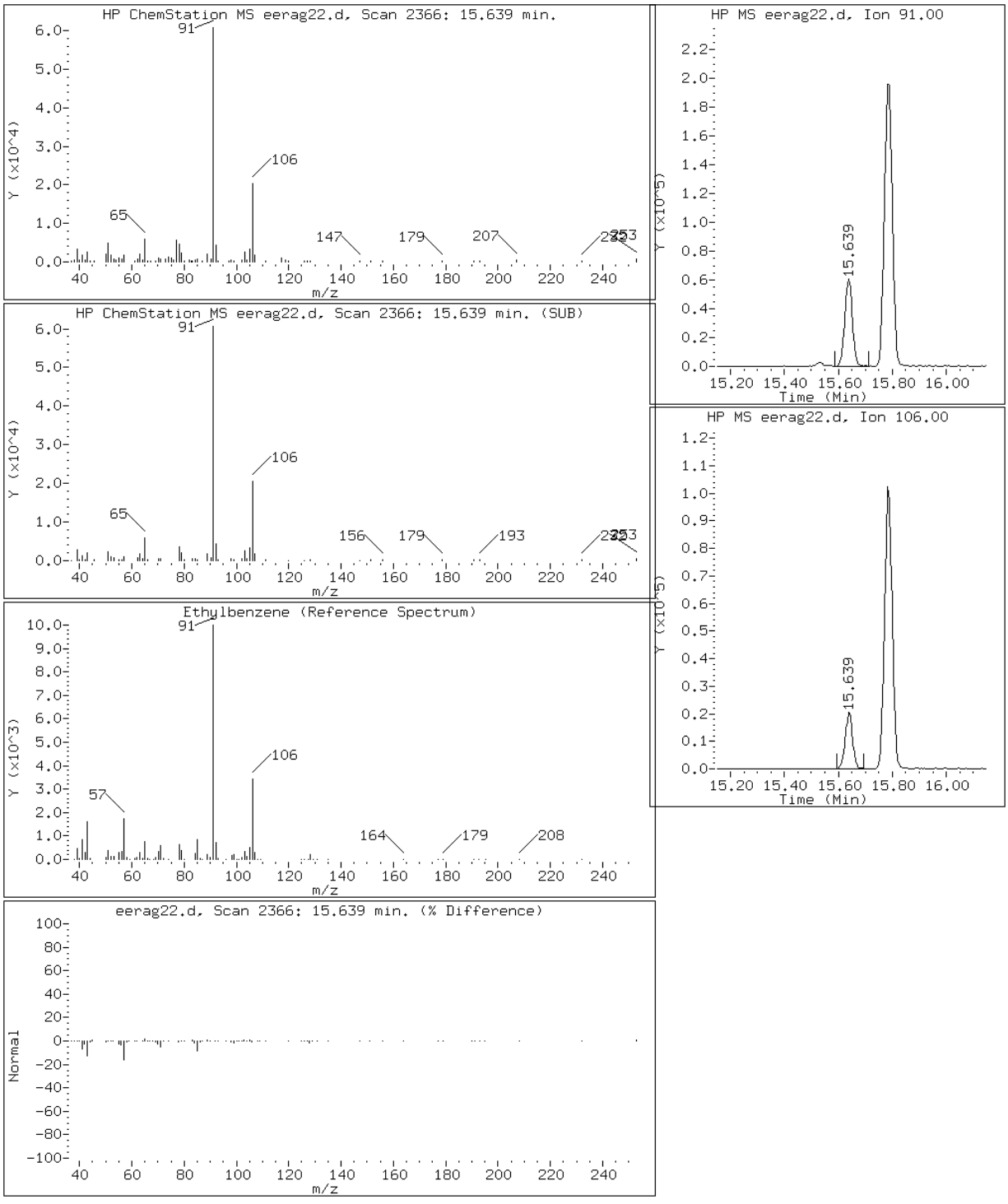
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

67 Ethylbenzene



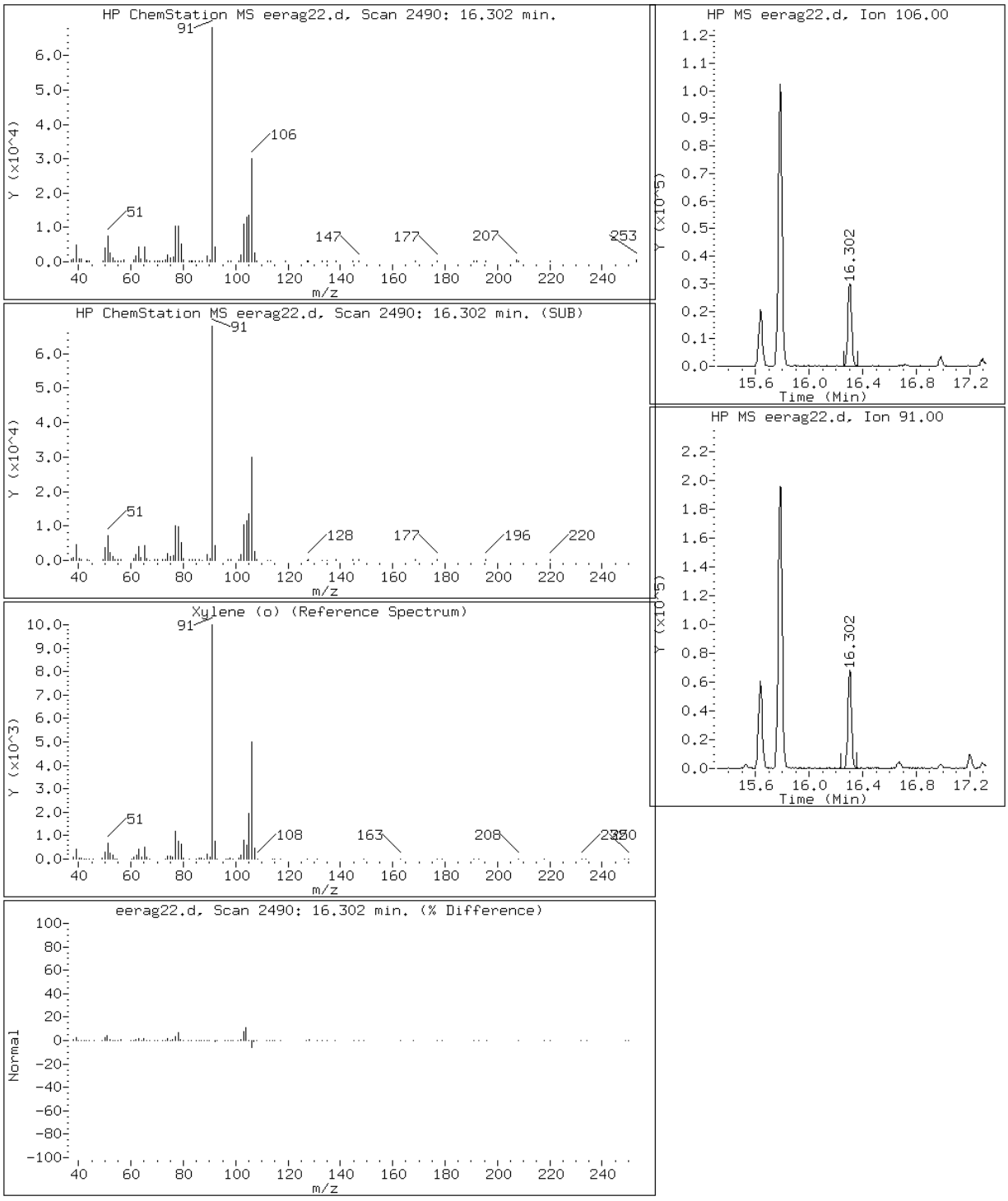
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

71 Xylene (o)



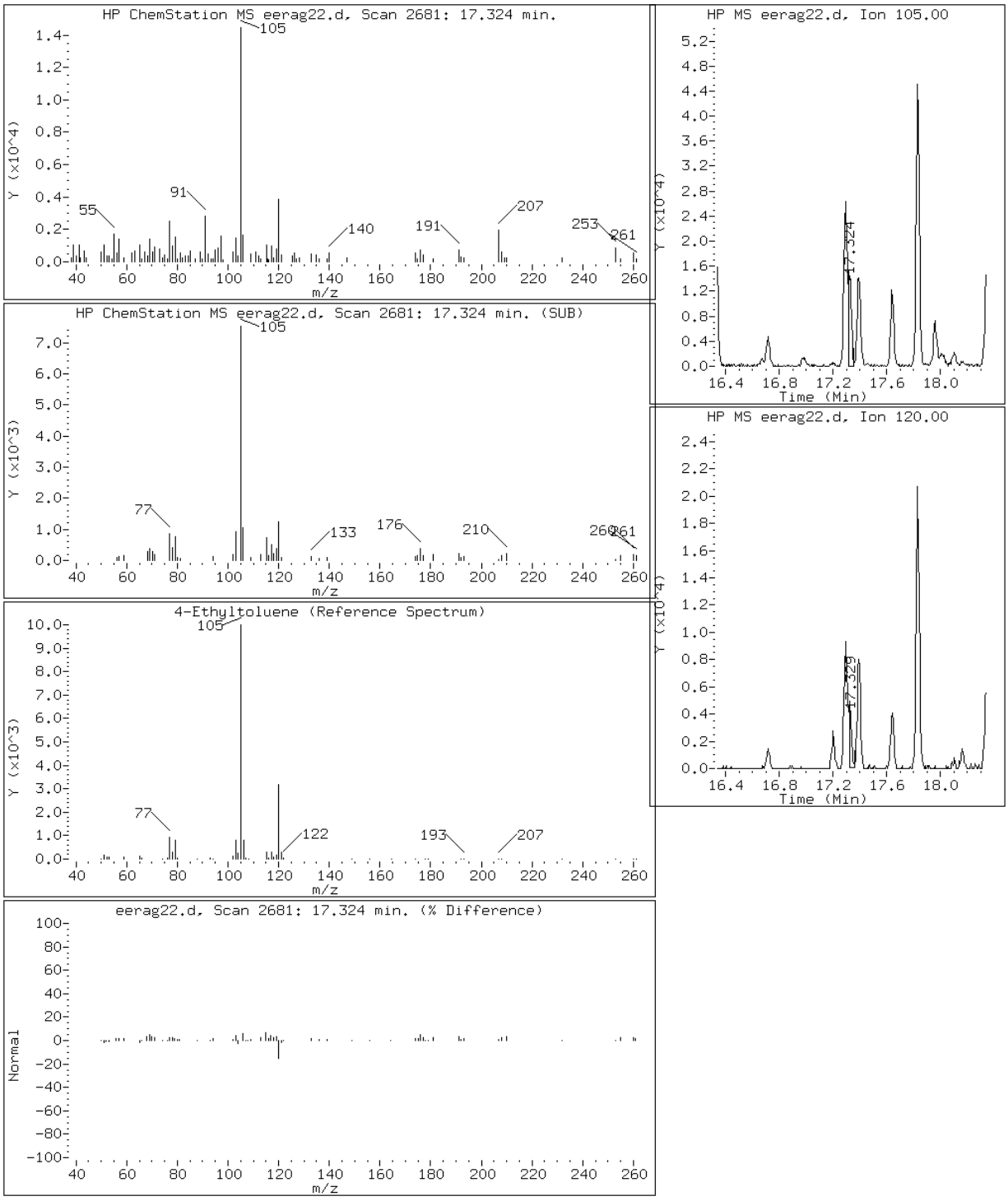
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

79 4-Ethyltoluene



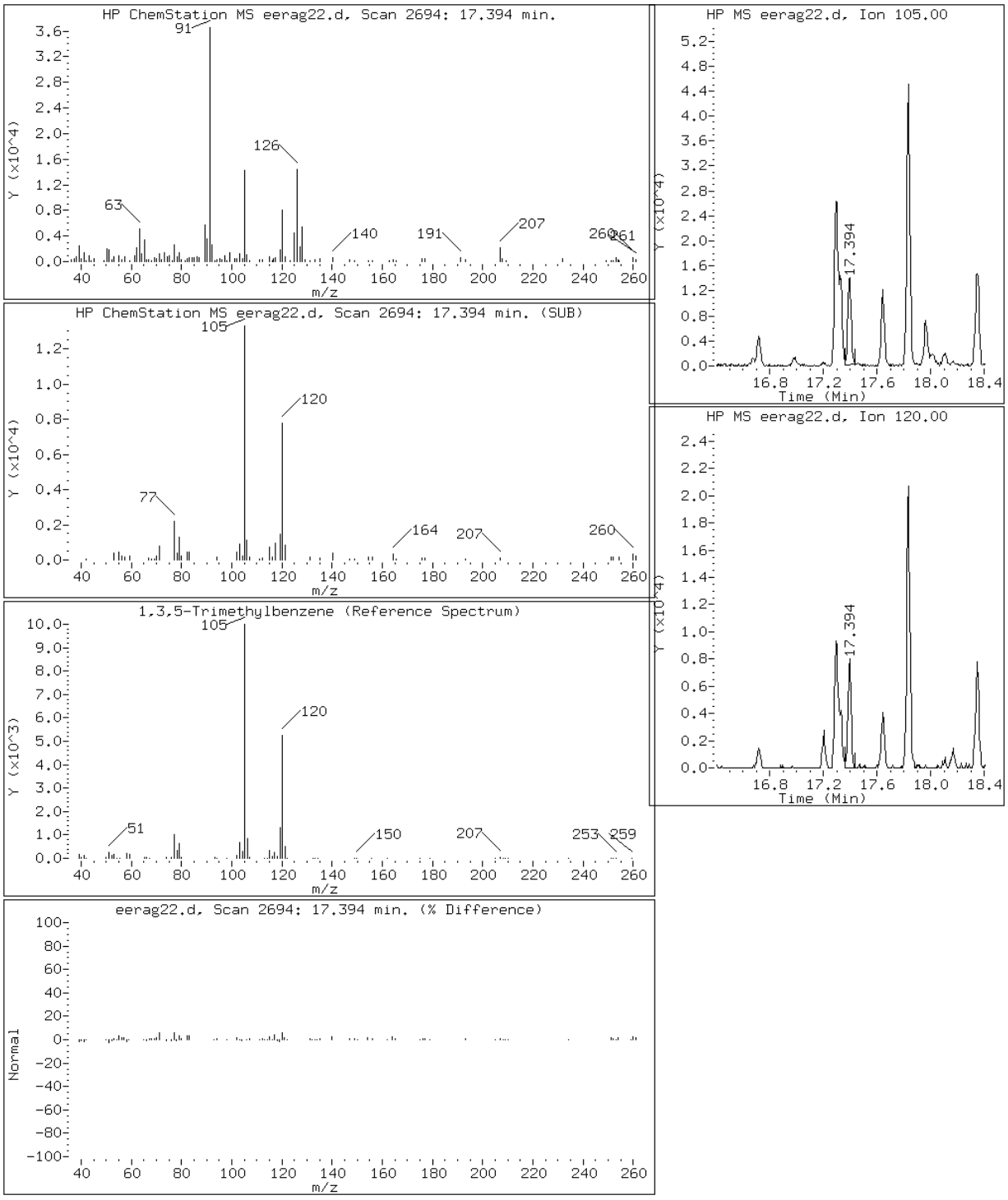
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

81 1,3,5-Trimethylbenzene



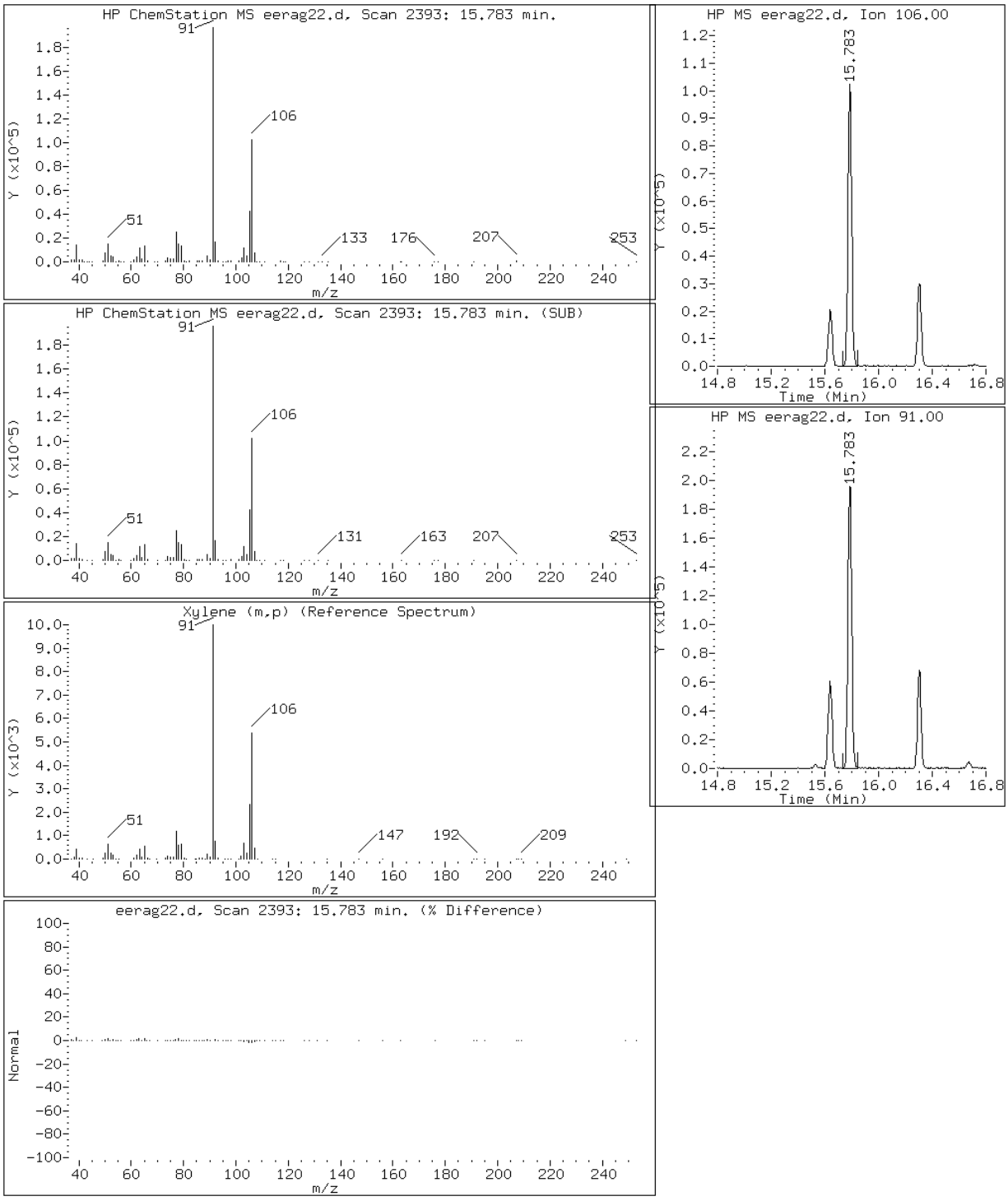
Data File: eerag22.d

Lab Sample ID: 200-9901-8 Date: 27-MAR-2012 07:04

Client ID: IA-031512-CM-36-DUP Instrument: E.i

Sample Info: 200-9901-A-8 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: eerag22.d
Lab Sample ID: 200-9901-8
Inj. Date and Time: 27-MAR-2012 07:04
Instrument ID: E.i
Client ID: IA-031512-CM-36-DUP
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

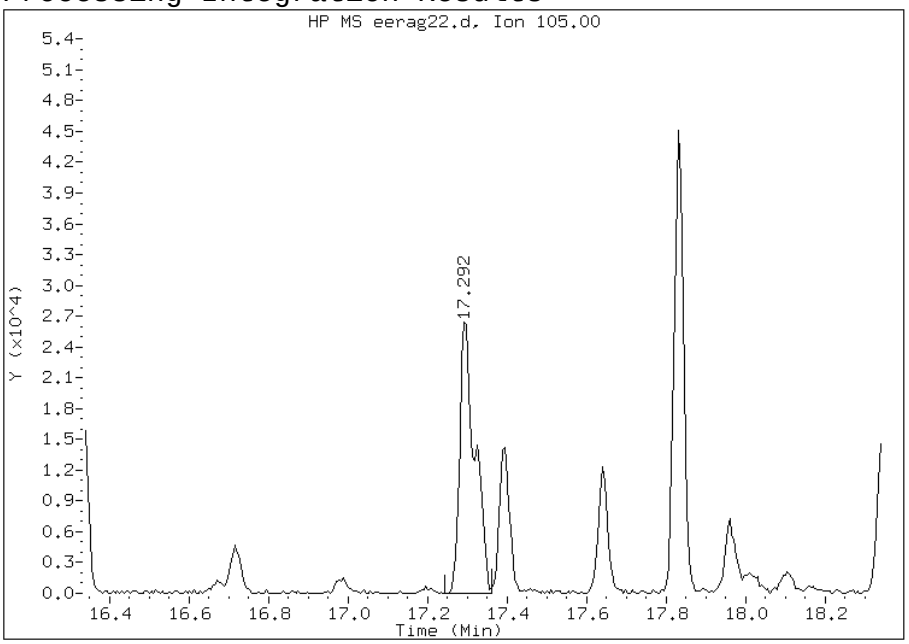
Processing Integration Results

RT: 17.29

Response: 70654

Amount: 0.177446

Conc: 0.709785



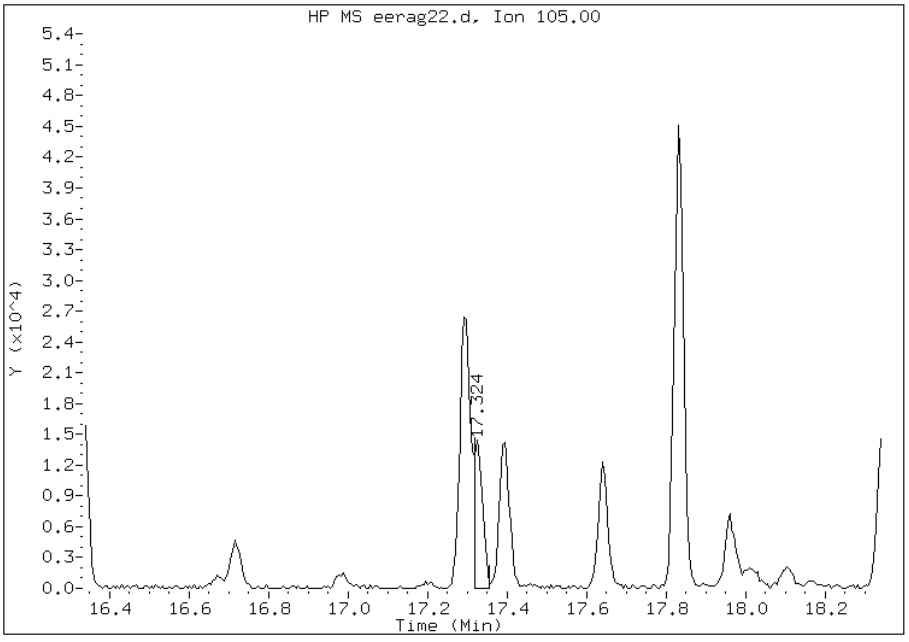
Manual Integration Results

RT: 17.32

Response: 20972

Amount: 0.052671

Conc: 0.210683



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-37 Lab Sample ID: 200-9901-9

Matrix: Air Lab File ID: eerag23.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:48

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:58

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.41		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.27		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	2.1		0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.60		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.25		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.055		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.097		0.040	0.040
71-43-2	Benzene	78.11	0.28		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.21		0.040	0.040
79-01-6	Trichloroethene	131.39	0.083		0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	1.5		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.62		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-37 Lab Sample ID: 200-9901-9

Matrix: Air Lab File ID: eerag23.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:48

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:58

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	1.0		0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.12		0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.092		0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	2.8		0.040	0.040
1330-20-7	Xylenes, Total	106.17	3.8		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-37 Lab Sample ID: 200-9901-9

Matrix: Air Lab File ID: eerag23.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:48

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:58

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.0		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.5		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	7.3		1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	2.1		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.87		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.35		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.45		0.19	0.19
71-43-2	Benzene	78.11	0.91		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.86		0.16	0.16
79-01-6	Trichloroethene	131.39	0.45		0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	5.5		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	2.7		0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: IA-031512-CM-37 Lab Sample ID: 200-9901-9

Matrix: Air Lab File ID: eerag23.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:48

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 07:58

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	4.3		0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.59		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.45		0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	12		0.17	0.17
1330-20-7	Xylenes, Total	106.17	16		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-9
Client Smp ID: IA-031512-CM-37
Inj Date : 27-MAR-2012 07:58
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-9
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 7
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

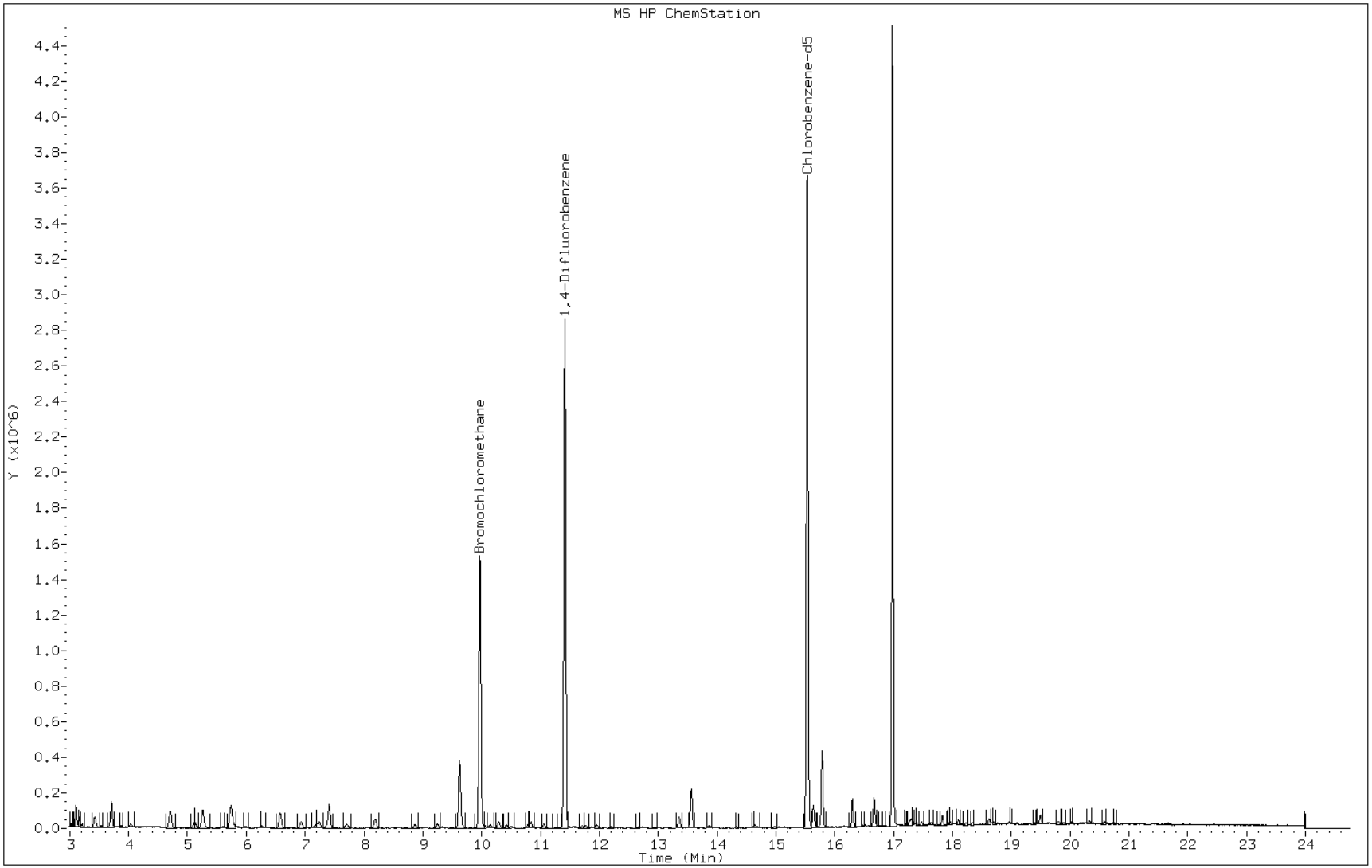
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.163	3.174	(0.317)	46164	0.10196	0.41
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.116	5.138	(0.513)	45983	0.06874	0.27
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.261	6.282	(0.628)	7422	0.01702	0.068(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.411	7.433	(0.743)	86219	0.52893	2.1
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.192	8.203	(0.821)	34439	0.14962	0.60
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
*	36 Bromochloromethane	128	9.974	9.990	(1.000)	627310	2.00000	
	39 Chloroform	83	10.059	10.075	(1.009)	2897	0.00636	0.025(a)
	40 Cyclohexane	84	10.295	10.305	(0.902)	17316	0.06294	0.25
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.503	10.514	(0.920)	9216	0.01385	0.055
	43 2,2,4-Trimethylpentane	57	10.792	10.803	(0.946)	16764	0.02414	0.096
	44 Benzene	78	10.840	10.851	(0.950)	36909	0.07111	0.28
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.060	11.076	(0.969)	11090	0.05223	0.21
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	3063817	2.00000	
	49 Trichloroethene	95	11.777	11.782	(1.032)	5946	0.02074	0.083
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.563	13.579	(0.873)	121536	0.36494	1.4
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.334	14.344	(0.923)	2632	0.00595	0.024(a)
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2683902	2.00000	
	67 Ethylbenzene	91	15.639	15.650	(1.007)	97651	0.15490	0.62
	69 Xylene (m,p)	106	15.783	15.799	(1.016)	152432	0.69893	2.8
M	70 Xylene, Total	106				204379	0.94818	3.8
	71 Xylene (o)	106	16.302	16.318	(1.050)	51947	0.24925	1.00
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	17.324	17.340	(1.115)	12101	0.02989	0.12(M)
	81 1,3,5-Trimethylbenzene	105	17.399	17.404	(1.120)	8025	0.02300	0.092

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File:	eerag23.d	Date:	27-MAR-2012 07:58
Client ID:	IA-031512-CM-37	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-9		
Lab Sample ID:	200-9901-9		



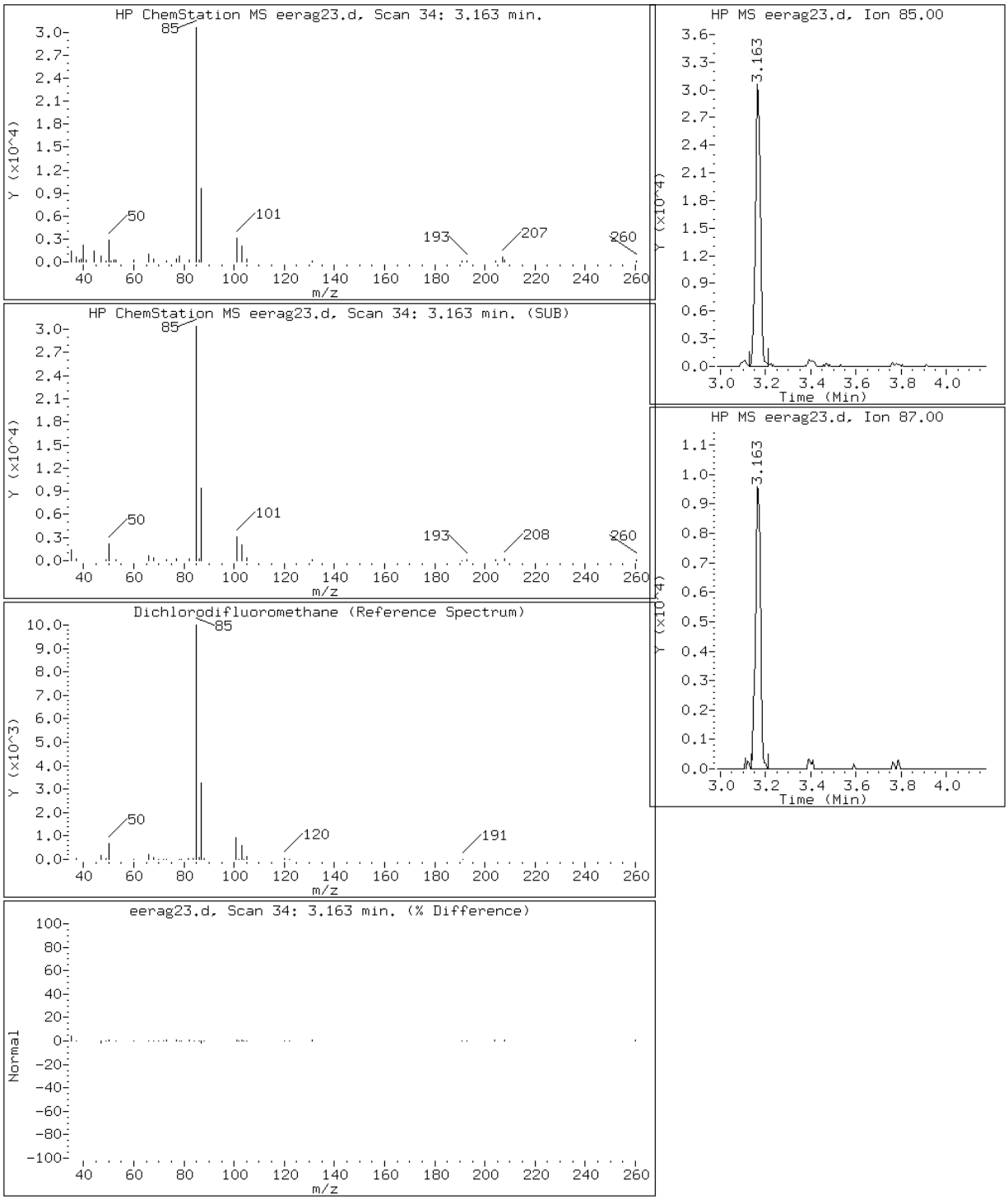
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

2 Dichlorodifluoromethane



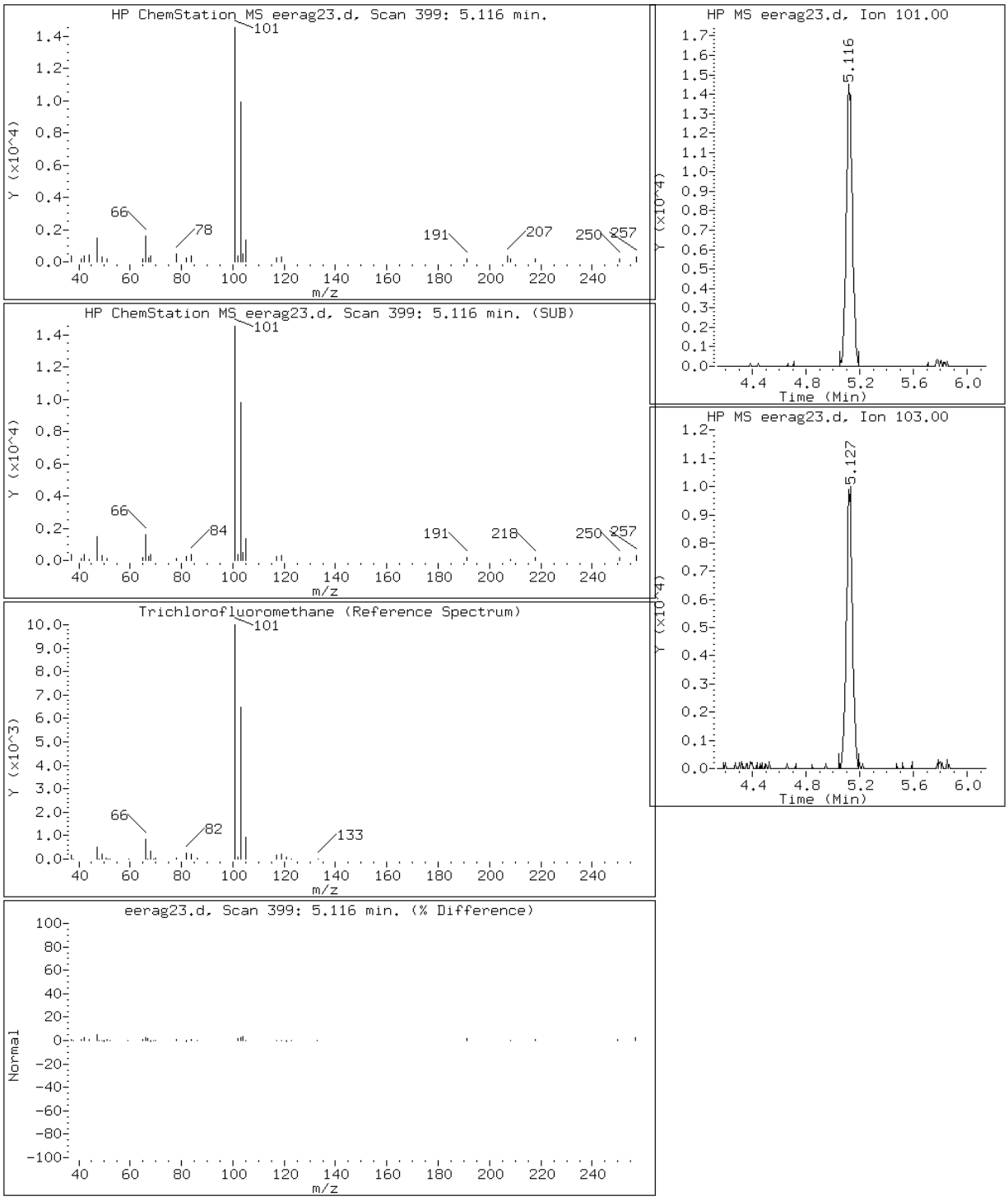
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

13 Trichlorofluoromethane



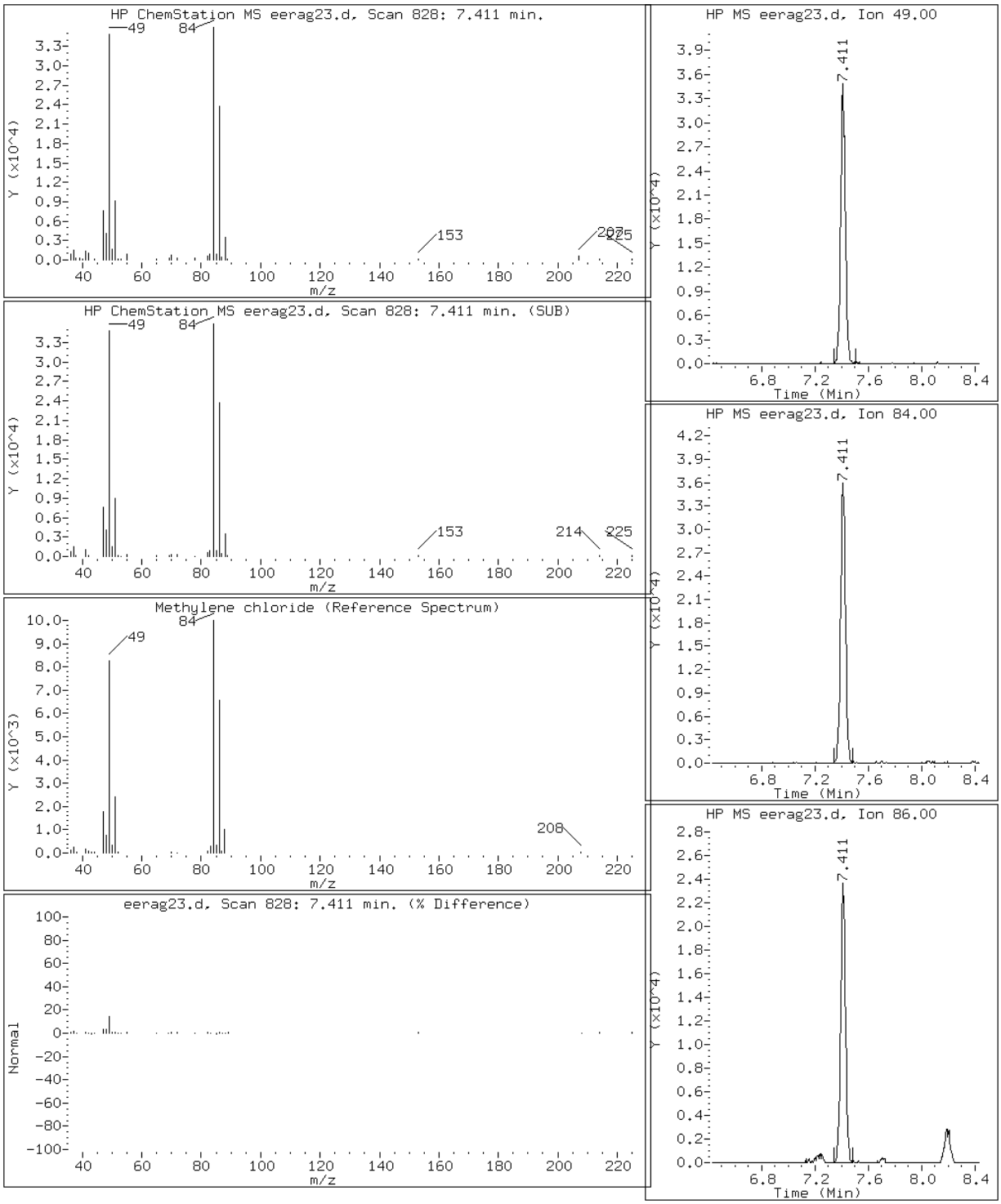
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

25 Methylene chloride



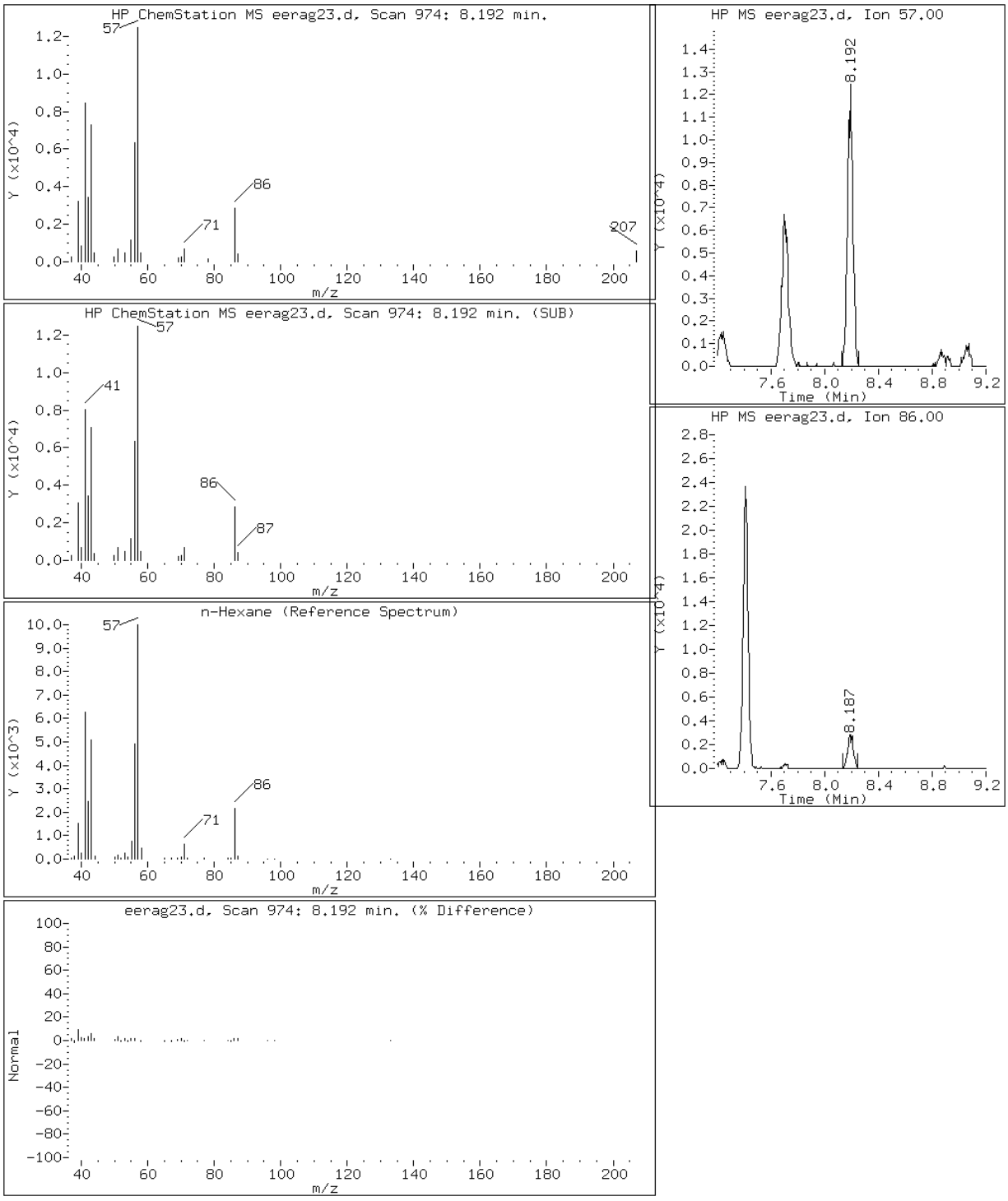
Data File: eerag23.d

Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

30 n-Hexane



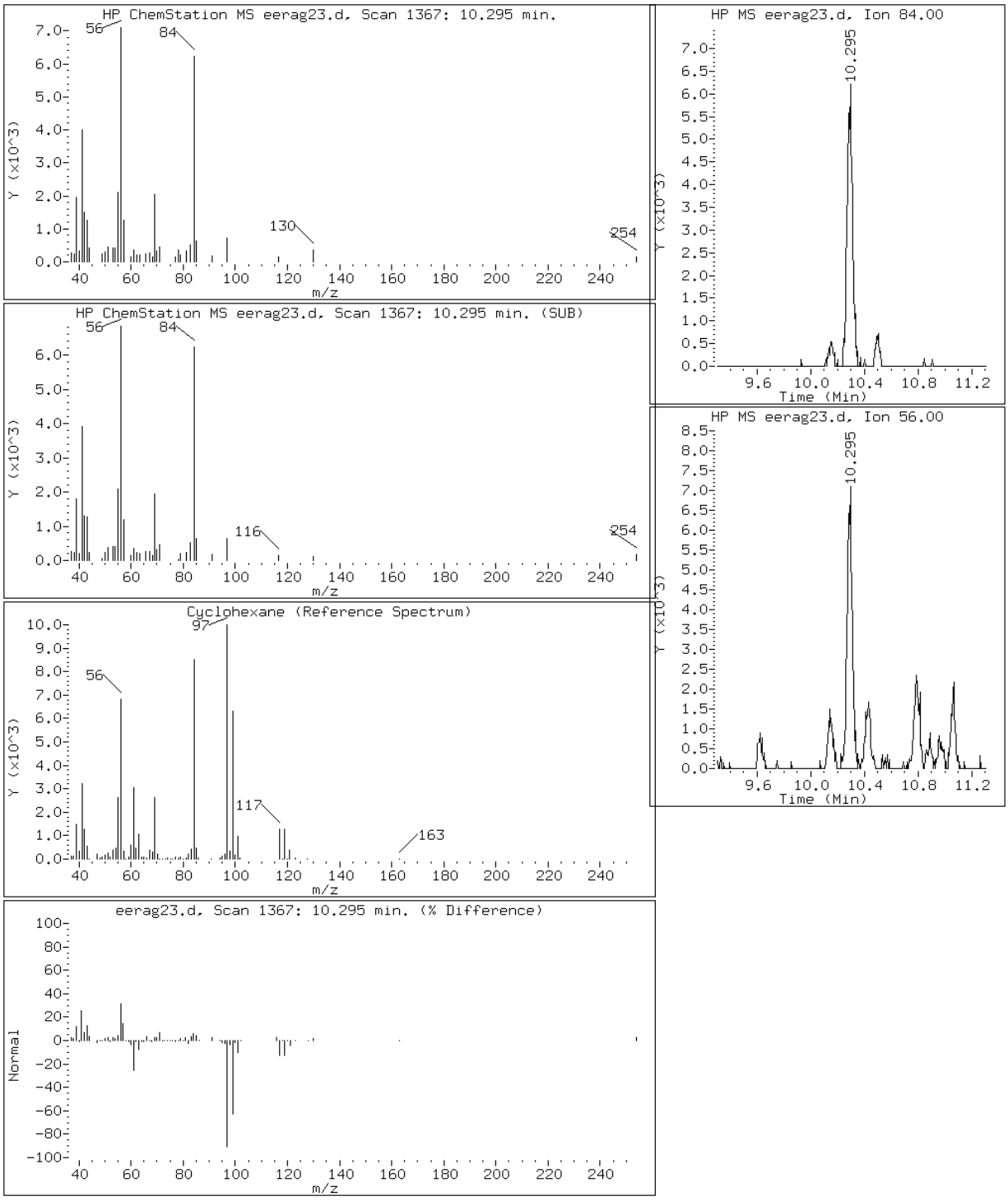
Data File: eerag23.d

Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

40 Cyclohexane



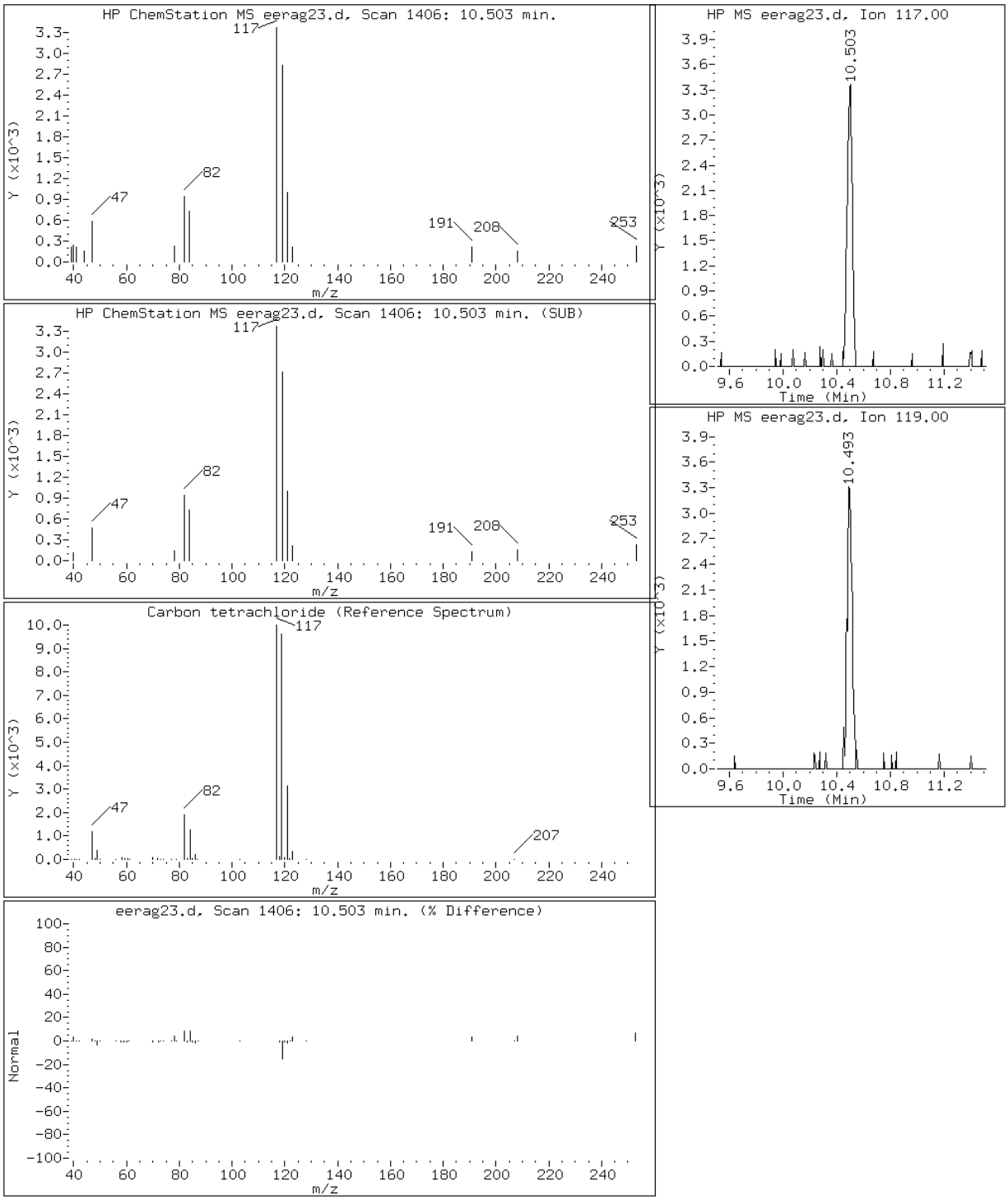
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

42 Carbon tetrachloride



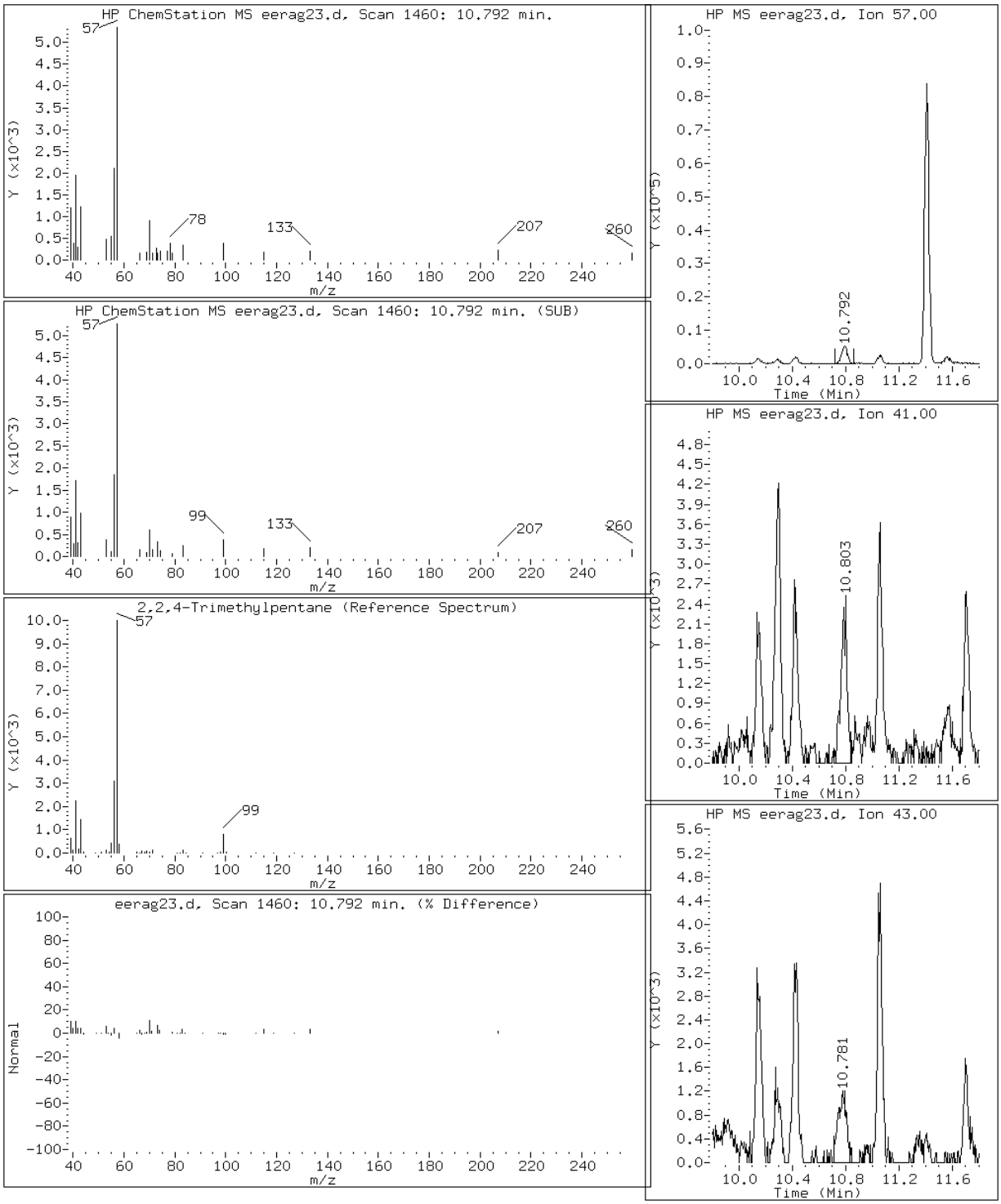
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

43 2,2,4-Trimethylpentane



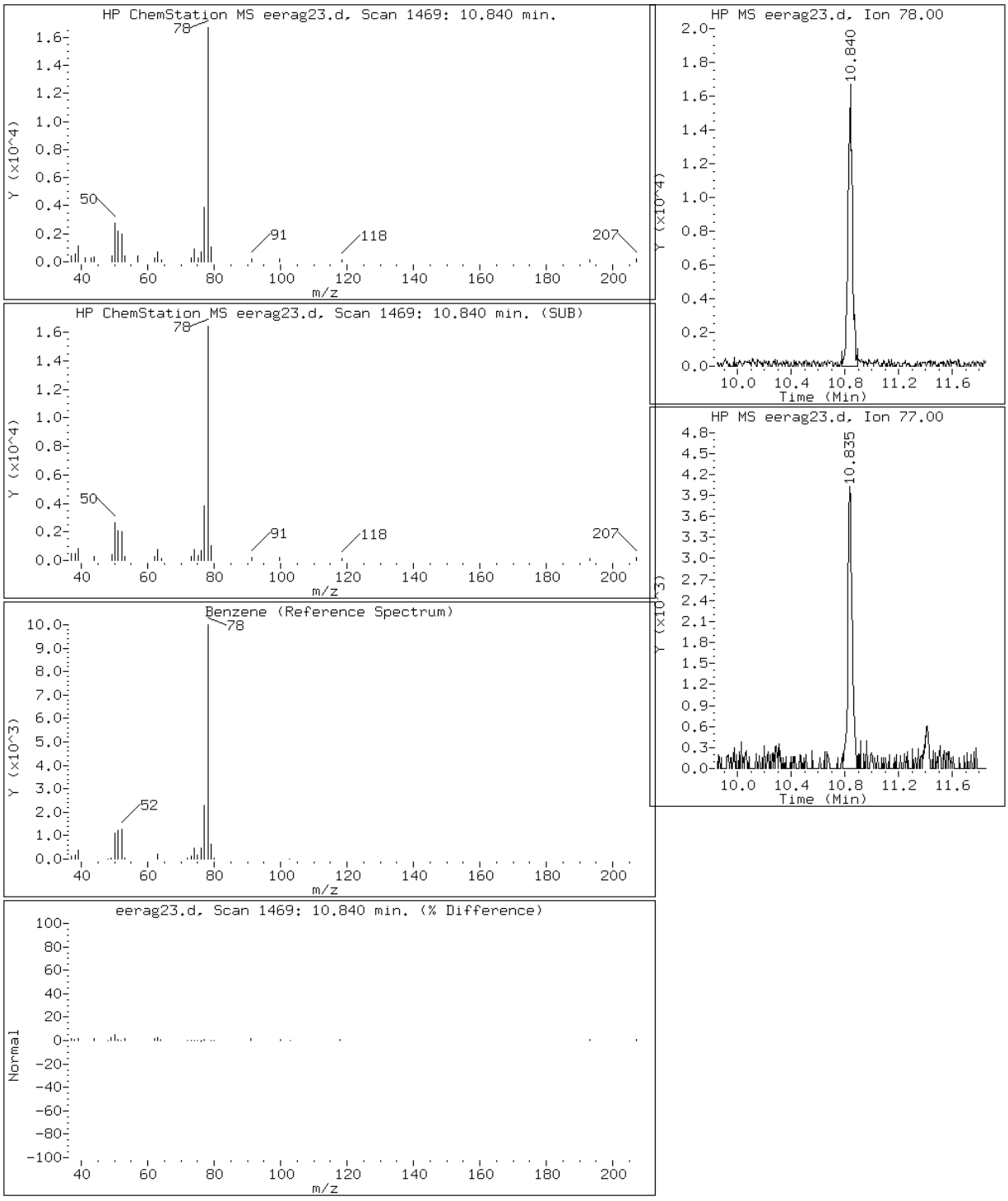
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

44 Benzene



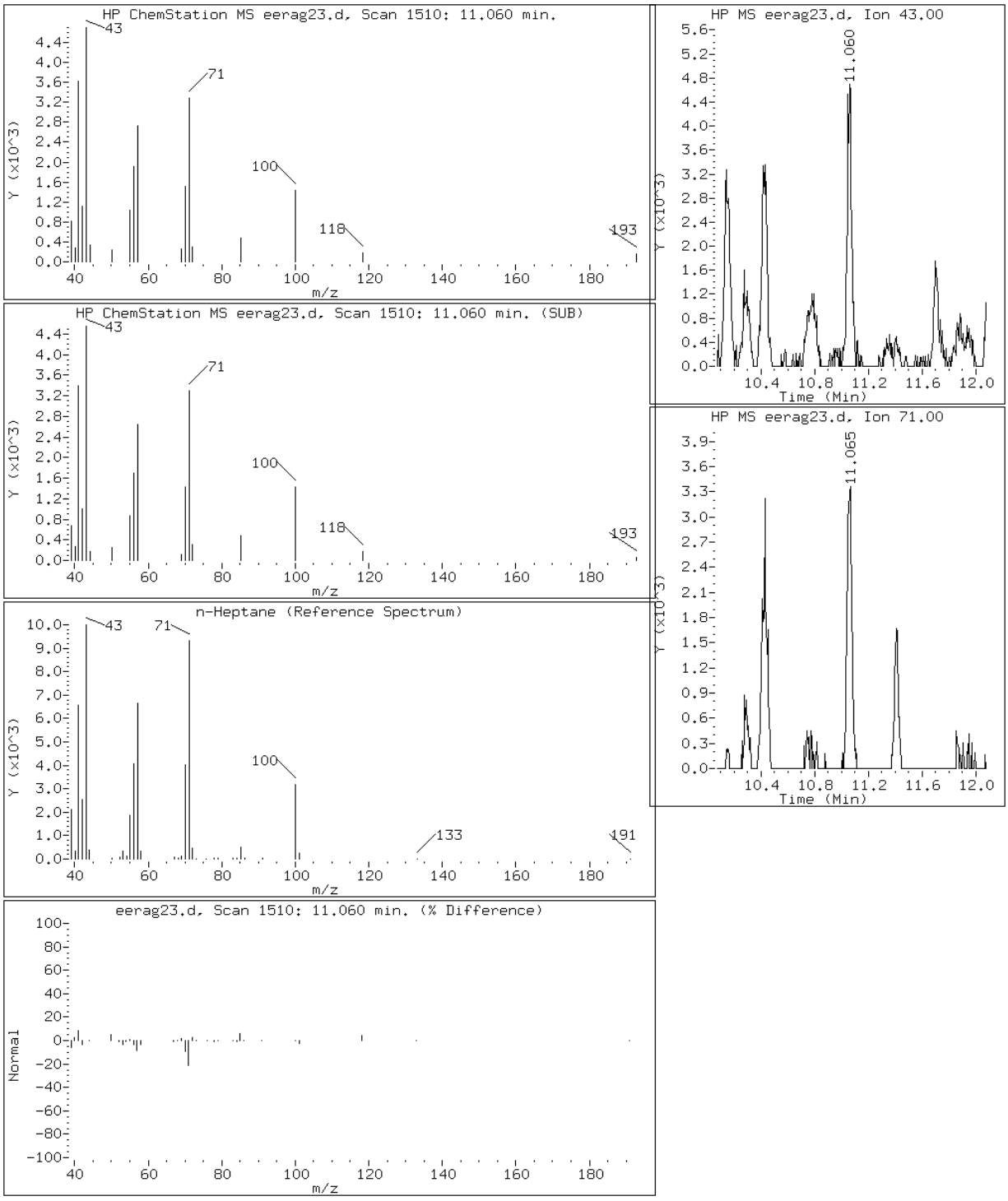
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

46 n-Heptane



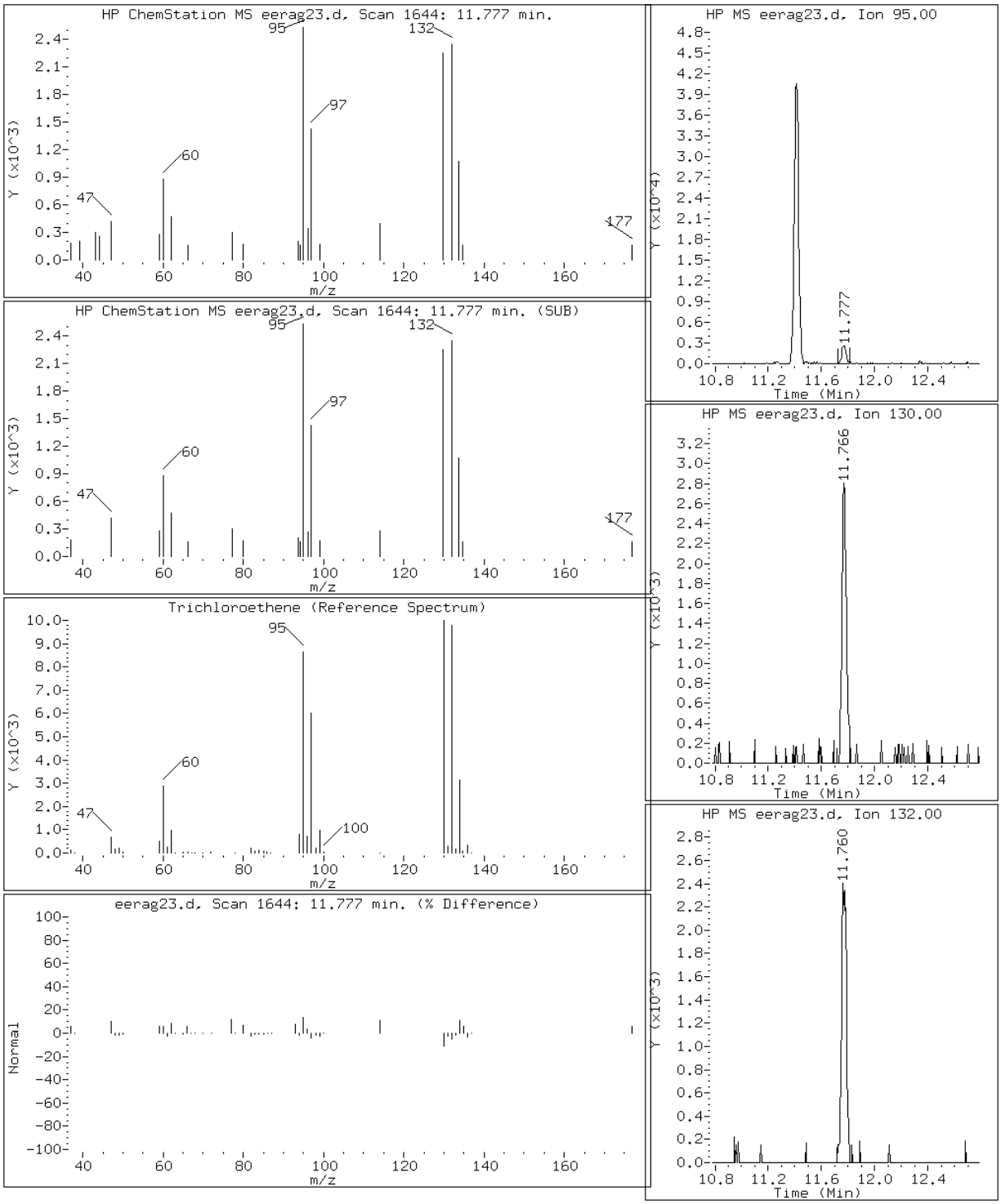
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

49 Trichloroethene



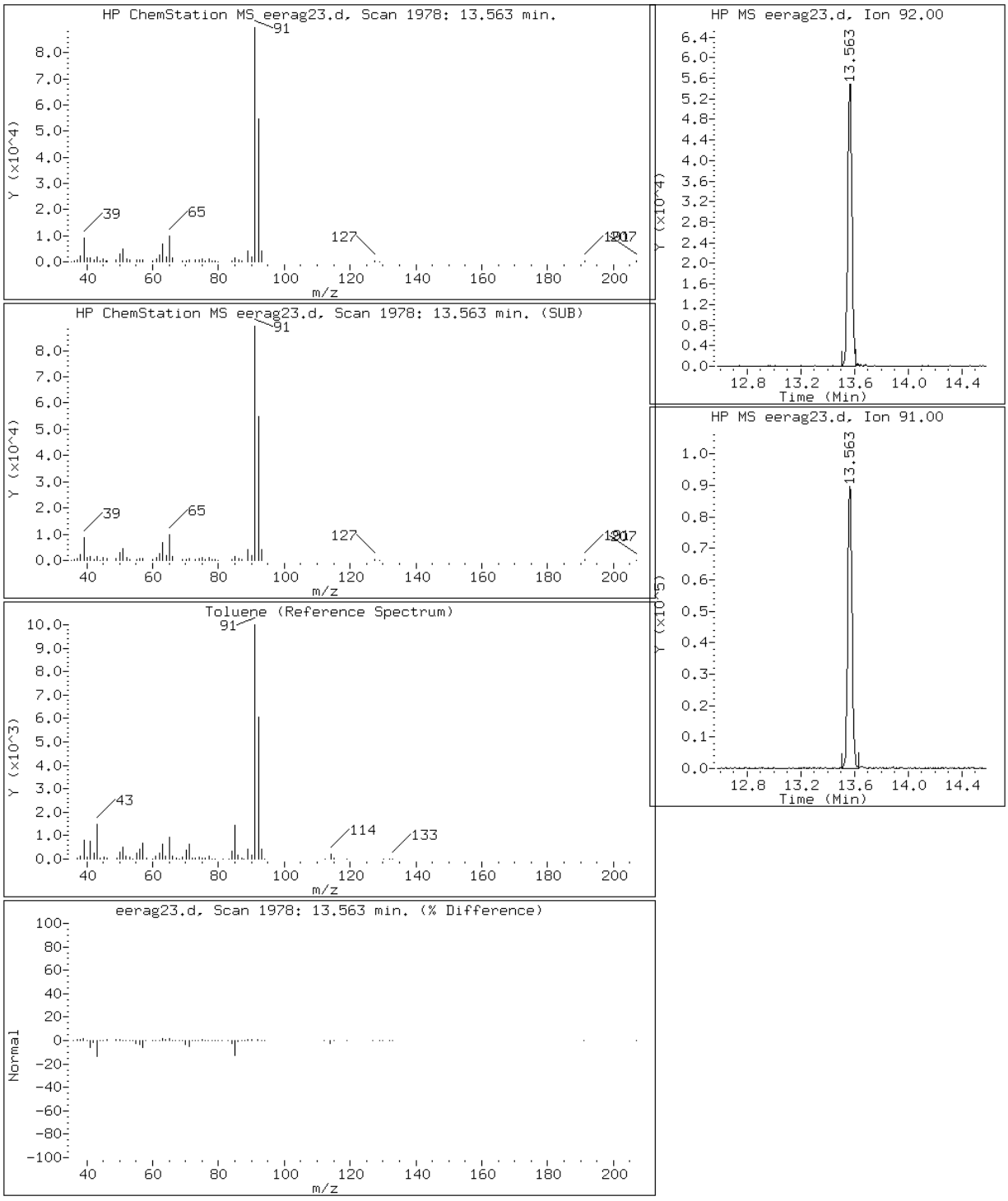
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

58 Toluene



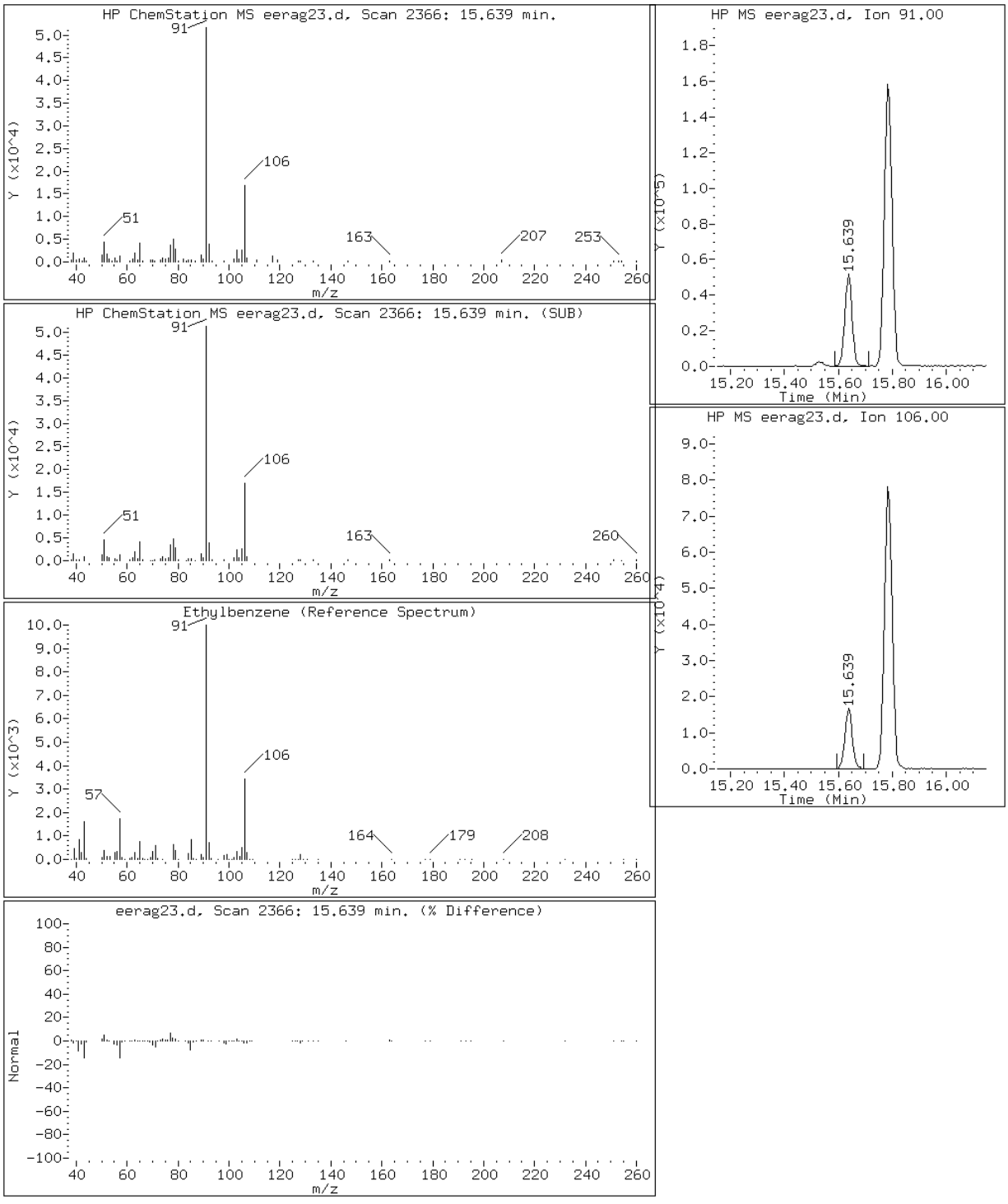
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

67 Ethylbenzene



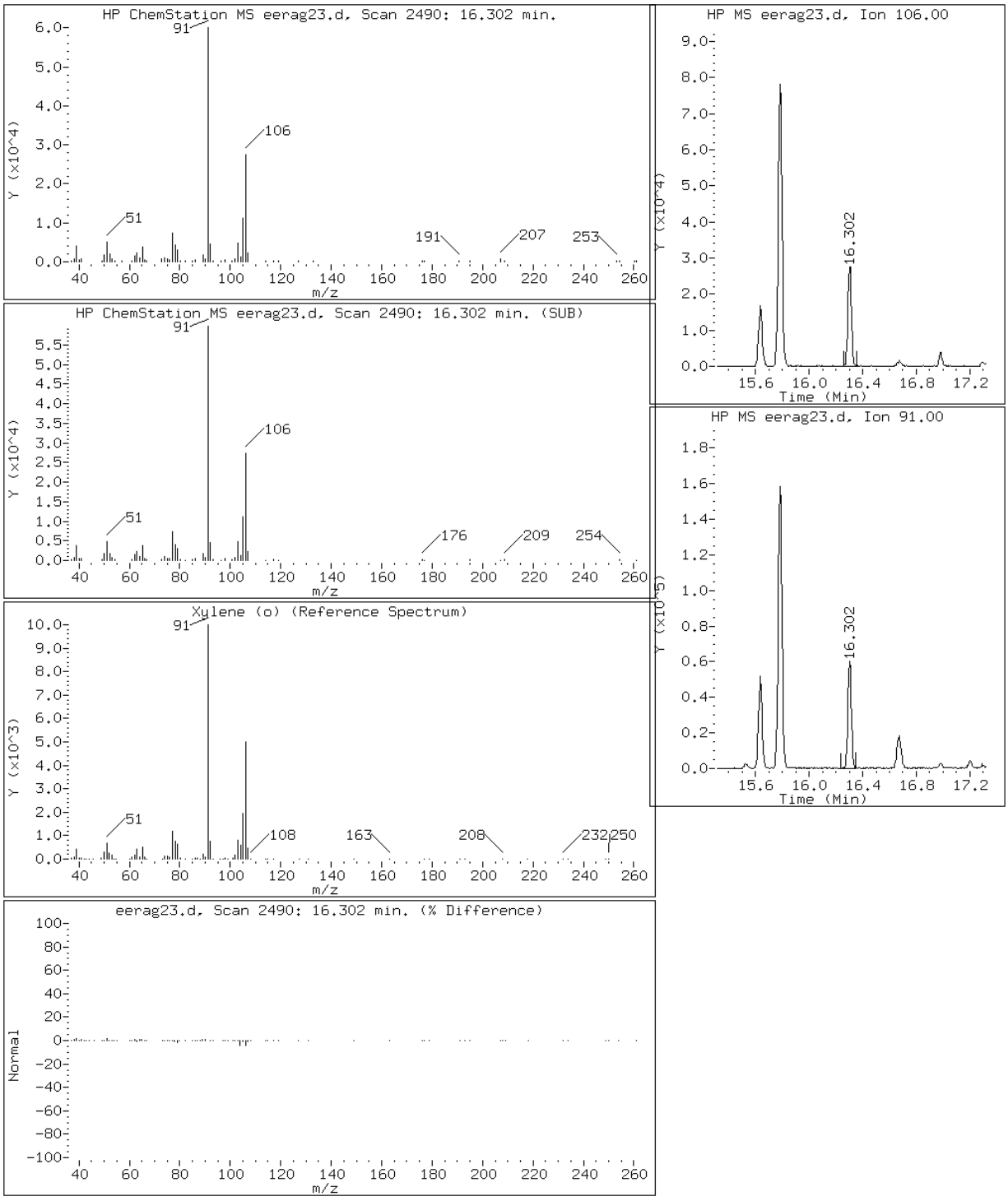
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

71 Xylene (o)



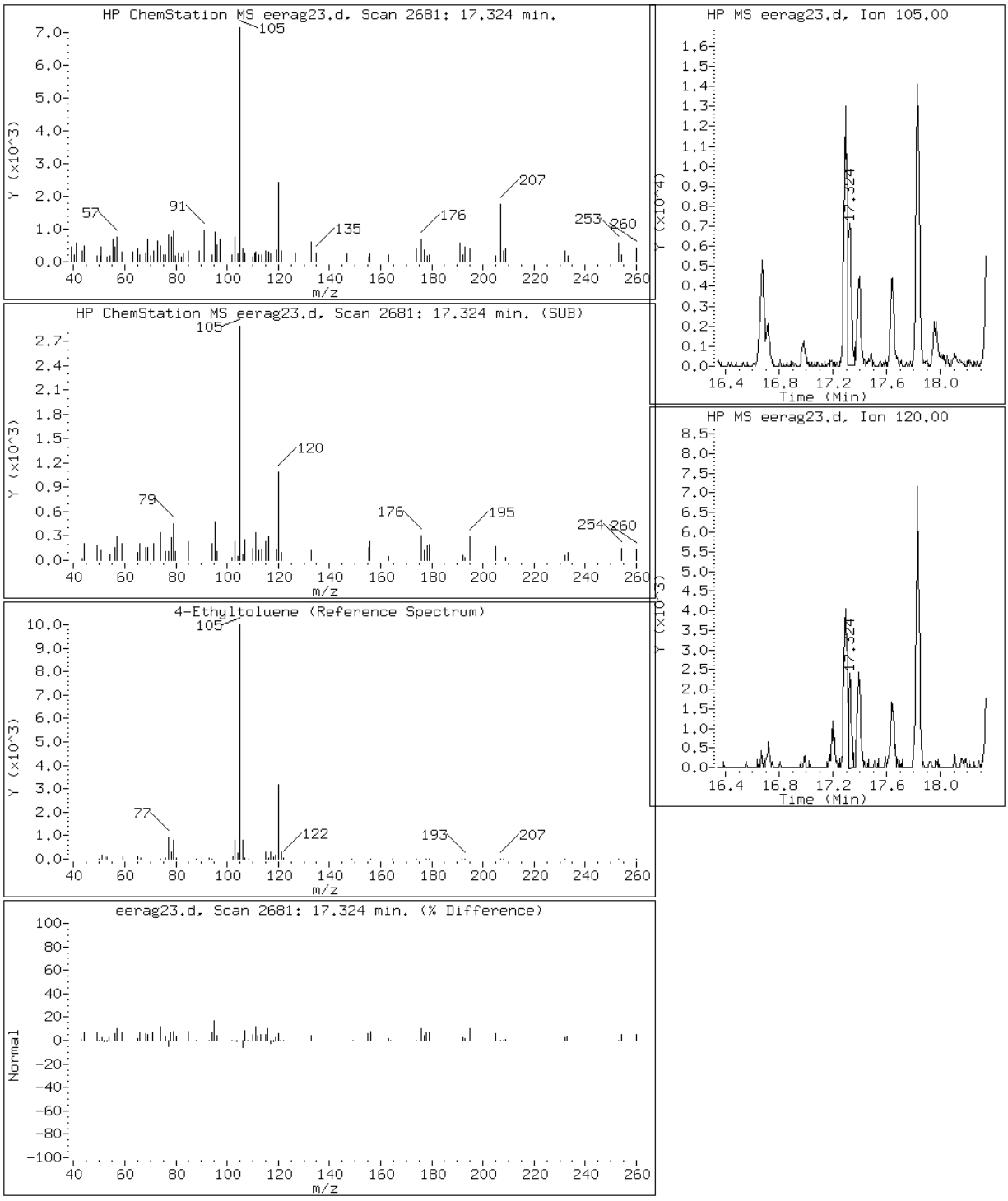
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Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

79 4-Ethyltoluene



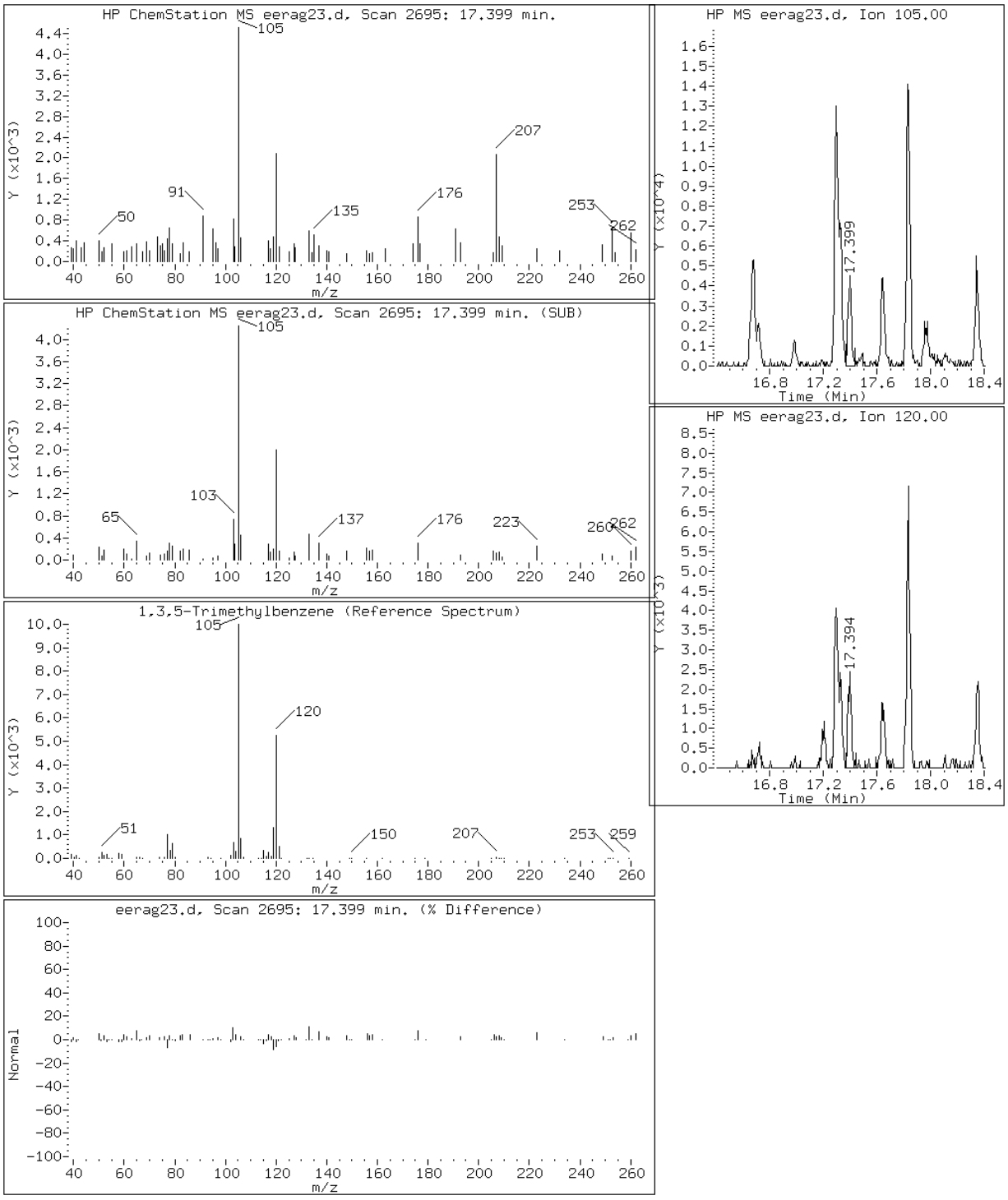
Data File: eerag23.d

Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

81 1,3,5-Trimethylbenzene



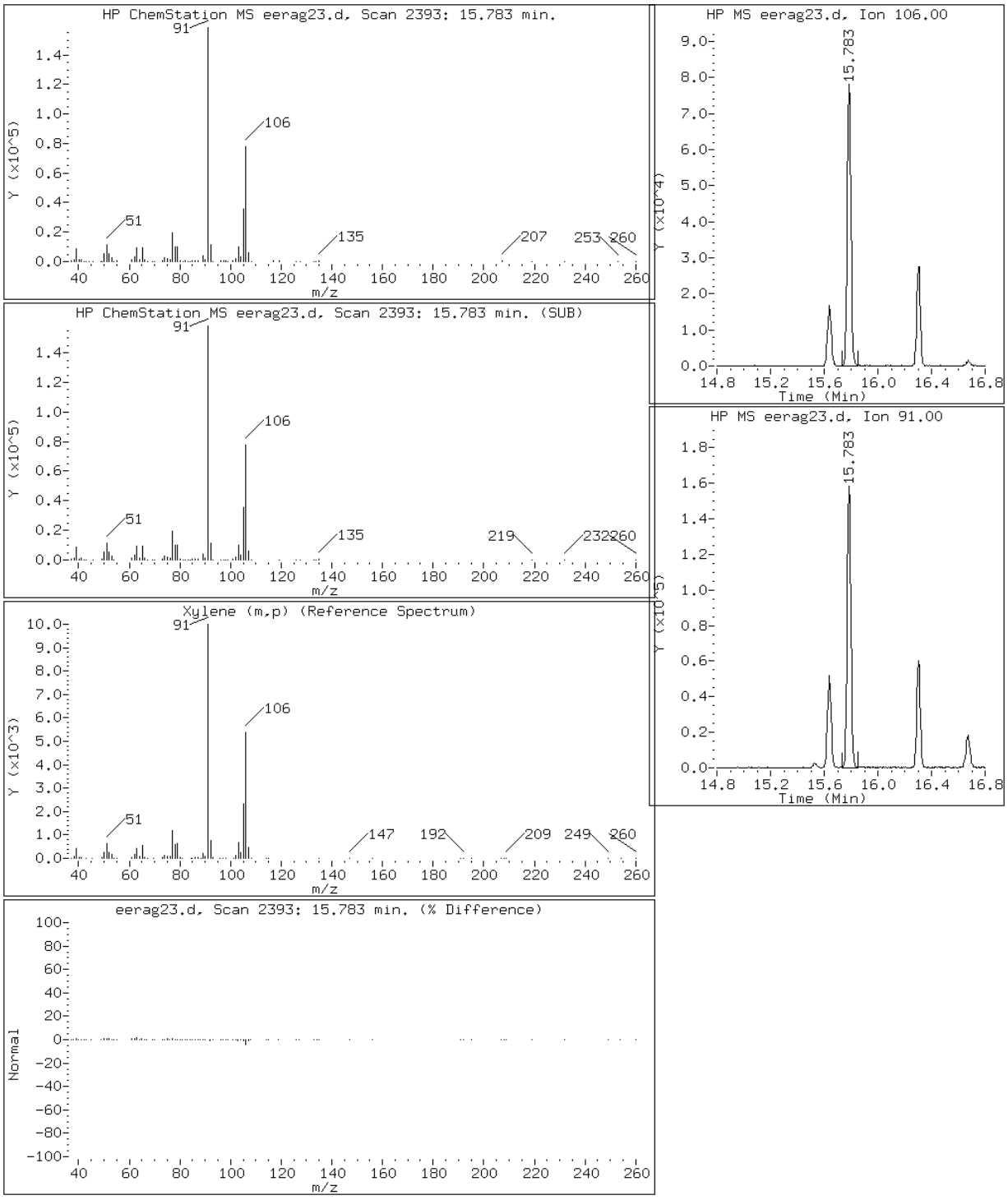
Data File: eerag23.d

Lab Sample ID: 200-9901-9 Date: 27-MAR-2012 07:58

Client ID: IA-031512-CM-37 Instrument: E.i

Sample Info: 200-9901-A-9 Operator: wrd

69 Xylene (m,p)



Manual Integration Report

Data File: eerag23.d
Lab Sample ID: 200-9901-9
Inj. Date and Time: 27-MAR-2012 07:58
Instrument ID: E.i
Client ID: IA-031512-CM-37
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 03/27/2012

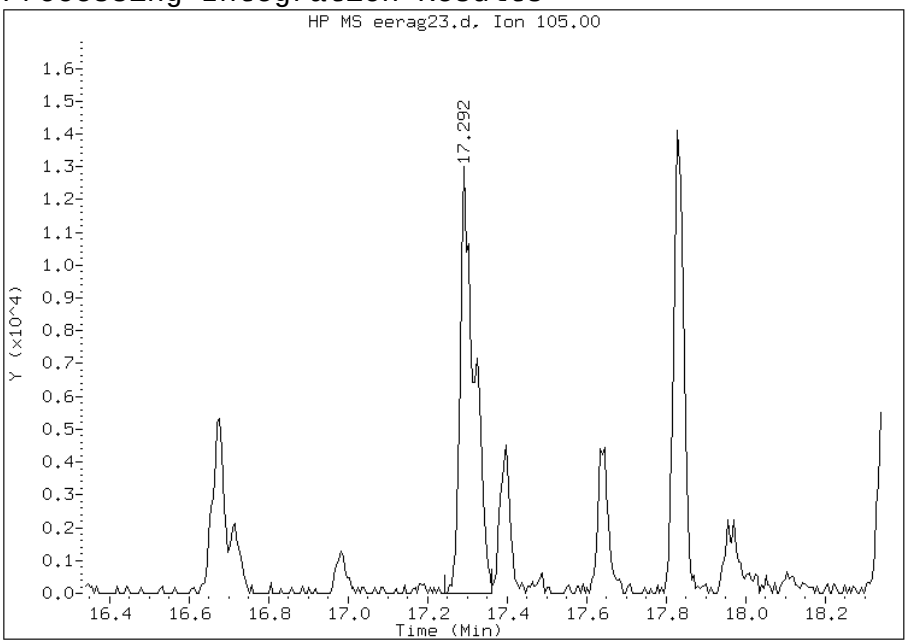
Processing Integration Results

RT: 17.29

Response: 33130

Amount: 0.081833

Conc: 0.327331



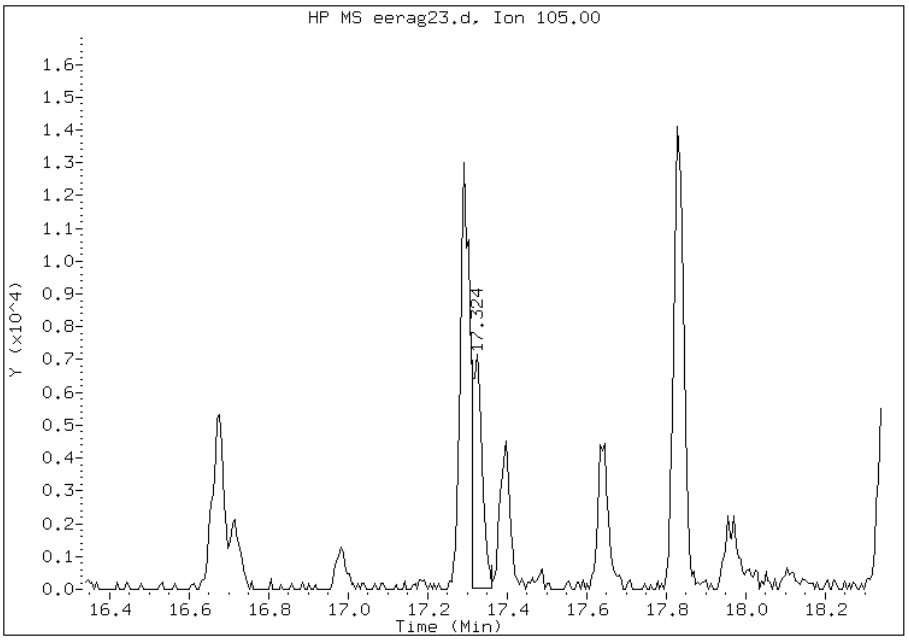
Manual Integration Results

RT: 17.32

Response: 12101

Amount: 0.029890

Conc: 0.119560



File Uploaded By: wrd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: AA-031512-CM-38 Lab Sample ID: 200-9901-10

Matrix: Air Lab File ID: eerag24.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:25

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 08:53

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.44		0.040	0.040
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.040	U	0.040	0.040
75-01-4	Vinyl chloride	62.50	0.080	U	0.080	0.080
106-99-0	1,3-Butadiene	54.09	0.080	U	0.080	0.080
74-83-9	Bromomethane	94.94	0.080	U	0.080	0.080
75-00-3	Chloroethane	64.52	0.080	U	0.080	0.080
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.080	U	0.080	0.080
75-69-4	Trichlorofluoromethane	137.37	0.18		0.040	0.040
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.080	U	0.080	0.080
75-09-2	Methylene Chloride	84.93	0.40	U	0.40	0.40
1634-04-4	Methyl tert-butyl ether	88.15	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.13		0.080	0.080
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.040	U	0.040	0.040
110-82-7	Cyclohexane	84.16	0.049		0.040	0.040
56-23-5	Carbon tetrachloride	153.81	0.067		0.040	0.040
540-84-1	2,2,4-Trimethylpentane	114.23	0.040	U	0.040	0.040
71-43-2	Benzene	78.11	0.16		0.040	0.040
107-06-2	1,2-Dichloroethane	98.96	0.080	U	0.080	0.080
142-82-5	n-Heptane	100.21	0.085		0.040	0.040
79-01-6	Trichloroethene	131.39	0.040	U	0.040	0.040
78-87-5	1,2-Dichloropropane	112.99	0.080	U	0.080	0.080
75-27-4	Bromodichloromethane	163.83	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
108-88-3	Toluene	92.14	0.14		0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	110.97	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	133.41	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	165.83	0.040	U	0.040	0.040
124-48-1	Dibromochloromethane	208.29	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	187.87	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	106.17	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: AA-031512-CM-38 Lab Sample ID: 200-9901-10

Matrix: Air Lab File ID: eerag24.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:25

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 08:53

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.040	U	0.040	0.040
75-25-2	Bromoform	252.75	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	120.20	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	120.20	0.080	U	0.080	0.080
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.075		0.040	0.040
1330-20-7	Xylenes, Total	106.17	0.11		0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: AA-031512-CM-38 Lab Sample ID: 200-9901-10

Matrix: Air Lab File ID: eerag24.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:25

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 08:53

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.2		0.20	0.20
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.28	U	0.28	0.28
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	54.09	0.18	U	0.18	0.18
74-83-9	Bromomethane	94.94	0.31	U	0.31	0.31
75-00-3	Chloroethane	64.52	0.21	U	0.21	0.21
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.35	U	0.35	0.35
75-69-4	Trichlorofluoromethane	137.37	1.0		0.22	0.22
75-35-4	1,1-Dichloroethene	96.94	0.16	U	0.16	0.16
107-05-1	3-Chloropropene	76.53	0.25	U	0.25	0.25
75-09-2	Methylene Chloride	84.93	1.4	U	1.4	1.4
1634-04-4	Methyl tert-butyl ether	88.15	0.14	U	0.14	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
110-54-3	n-Hexane	86.17	0.45		0.28	0.28
75-34-3	1,1-Dichloroethane	98.96	0.16	U	0.16	0.16
156-59-2	cis-1,2-Dichloroethene	96.94	0.16	U	0.16	0.16
67-66-3	Chloroform	119.38	0.20	U	0.20	0.20
71-55-6	1,1,1-Trichloroethane	133.41	0.22	U	0.22	0.22
110-82-7	Cyclohexane	84.16	0.17		0.14	0.14
56-23-5	Carbon tetrachloride	153.81	0.42		0.25	0.25
540-84-1	2,2,4-Trimethylpentane	114.23	0.19	U	0.19	0.19
71-43-2	Benzene	78.11	0.50		0.13	0.13
107-06-2	1,2-Dichloroethane	98.96	0.32	U	0.32	0.32
142-82-5	n-Heptane	100.21	0.35		0.16	0.16
79-01-6	Trichloroethene	131.39	0.21	U	0.21	0.21
78-87-5	1,2-Dichloropropane	112.99	0.37	U	0.37	0.37
75-27-4	Bromodichloromethane	163.83	0.27	U	0.27	0.27
10061-01-5	cis-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
108-88-3	Toluene	92.14	0.54		0.15	0.15
10061-02-6	trans-1,3-Dichloropropene	110.97	0.18	U	0.18	0.18
79-00-5	1,1,2-Trichloroethane	133.41	0.22	U	0.22	0.22
127-18-4	Tetrachloroethene	165.83	0.27	U	0.27	0.27
124-48-1	Dibromochloromethane	208.29	0.34	U	0.34	0.34
106-93-4	1,2-Dibromoethane	187.87	0.31	U	0.31	0.31
100-41-4	Ethylbenzene	106.17	0.17	U	0.17	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: AA-031512-CM-38 Lab Sample ID: 200-9901-10

Matrix: Air Lab File ID: eerag24.d

Analysis Method: TO15 LL Date Collected: 03/15/2012 15:25

Sample wt/vol: 125(mL) Date Analyzed: 03/27/2012 08:53

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.17	U	0.17	0.17
75-25-2	Bromoform	252.75	0.41	U	0.41	0.41
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.27	U	0.27	0.27
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	0.39	U	0.39	0.39
540-59-0	1,2-Dichloroethene, Total	96.94	0.16	U	0.16	0.16
179601-23-1	m-Xylene & p-Xylene	106.17	0.33		0.17	0.17
1330-20-7	Xylenes, Total	106.17	0.47		0.17	0.17

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9901-10
Client Smp ID: AA-031512-CM-38
Inj Date : 27-MAR-2012 08:53
Operator : wrd Inst ID: E.i
Smp Info : 200-9901-A-10
Misc Info : 125,4,to15ll
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 8
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

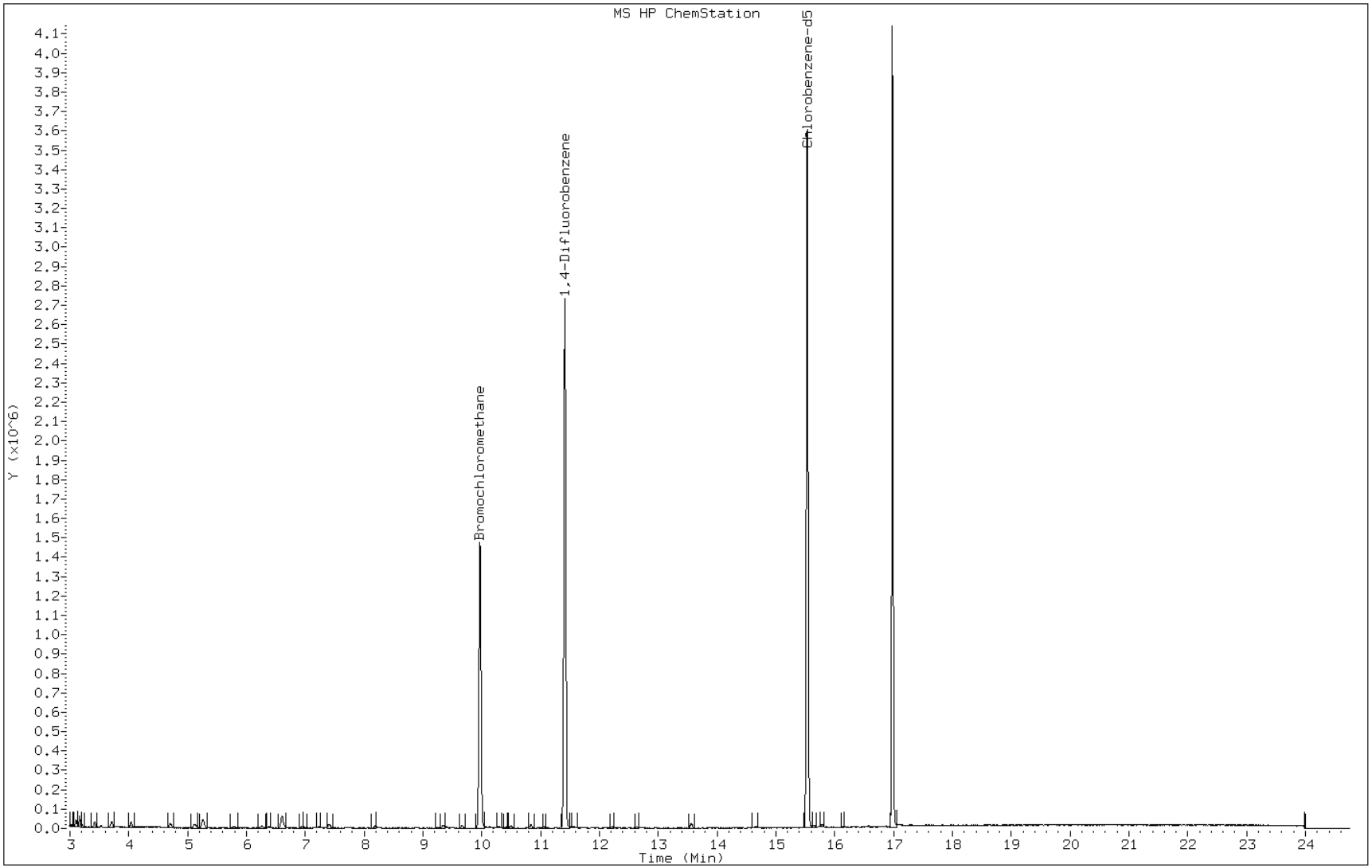
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	47759	0.10881	0.44
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.121	5.138	(0.514)	29143	0.04494	0.18
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.261	6.282	(0.628)	7148	0.01691	0.068(a)
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.422	7.433	(0.745)	13171	0.08336	0.33(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
28 Methyl tert-butyl ether	73	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	30 n-Hexane	57	8.181	8.203	(0.821)	7199	0.03227	0.13
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
*	36 Bromochloromethane	128	9.968	9.990	(1.000)	608083	2.00000	
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	10.284	10.305	(0.901)	3272	0.01237	0.049(Q)
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	10.503	10.514	(0.920)	10735	0.01678	0.067
	43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.947)	5174	0.00775	0.031(aQ)
	44 Benzene	78	10.835	10.851	(0.949)	19503	0.03910	0.16
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.054	11.076	(0.969)	4358	0.02135	0.085
*	47 1,4-Difluorobenzene	114	11.413	11.429	(1.000)	2944687	2.00000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	13.563	13.579	(0.873)	11564	0.03572	0.14
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2609262	2.00000	
	67 Ethylbenzene	91	15.633	15.650	(1.007)	4594	0.00750	0.030(a)
	69 Xylene (m,p)	106	15.789	15.799	(1.017)	3973	0.01874	0.075(aQ)
M	70 Xylene, Total	106				5615	0.02684	0.11
	71 Xylene (o)	106	16.307	16.318	(1.050)	1642	0.00810	0.032(a)
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	eerag24.d	Date:	27-MAR-2012 08:53
Client ID:	AA-031512-CM-38	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9901-A-10		
Lab Sample ID:	200-9901-10		



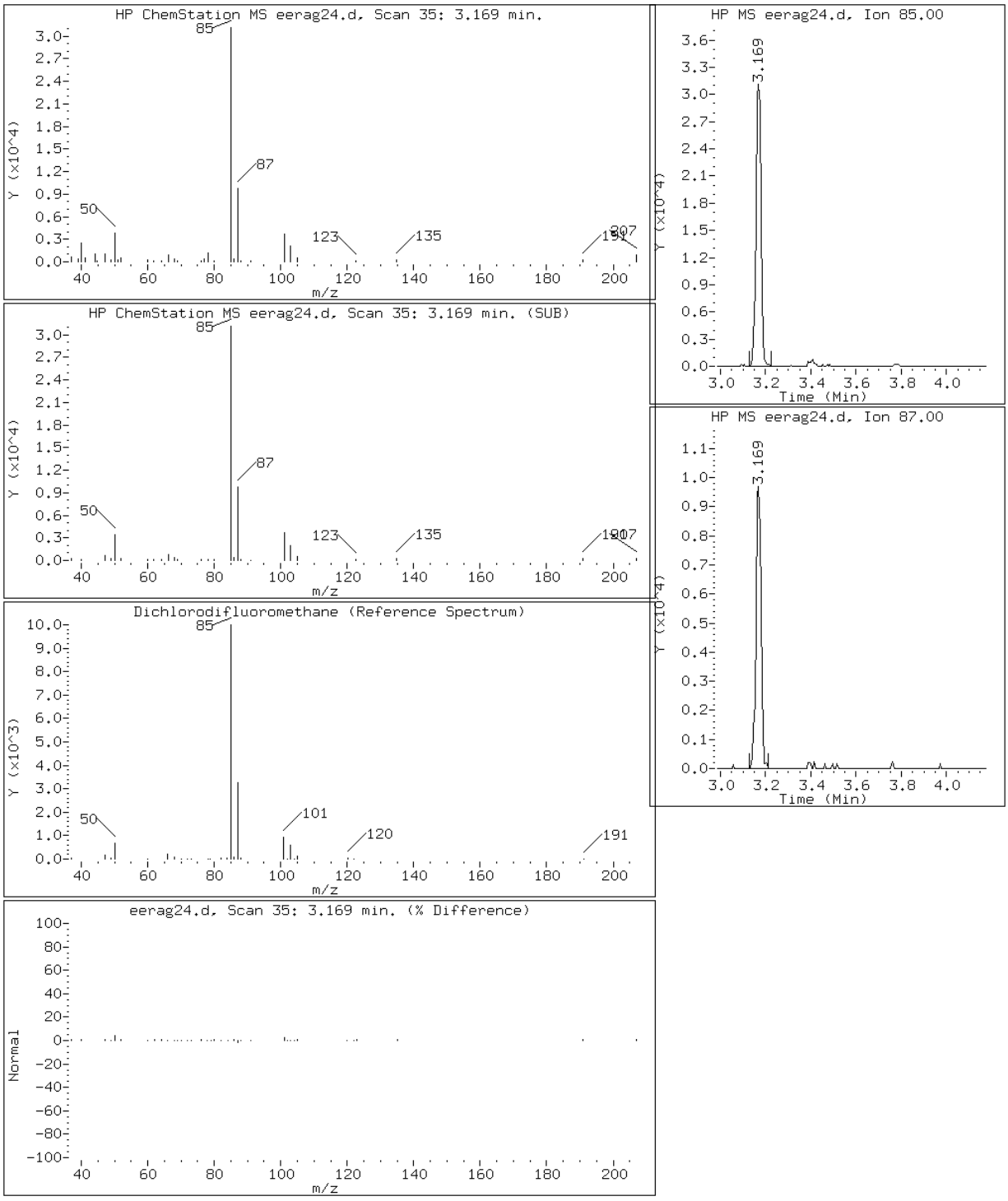
Data File: eerag24.d

Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

2 Dichlorodifluoromethane



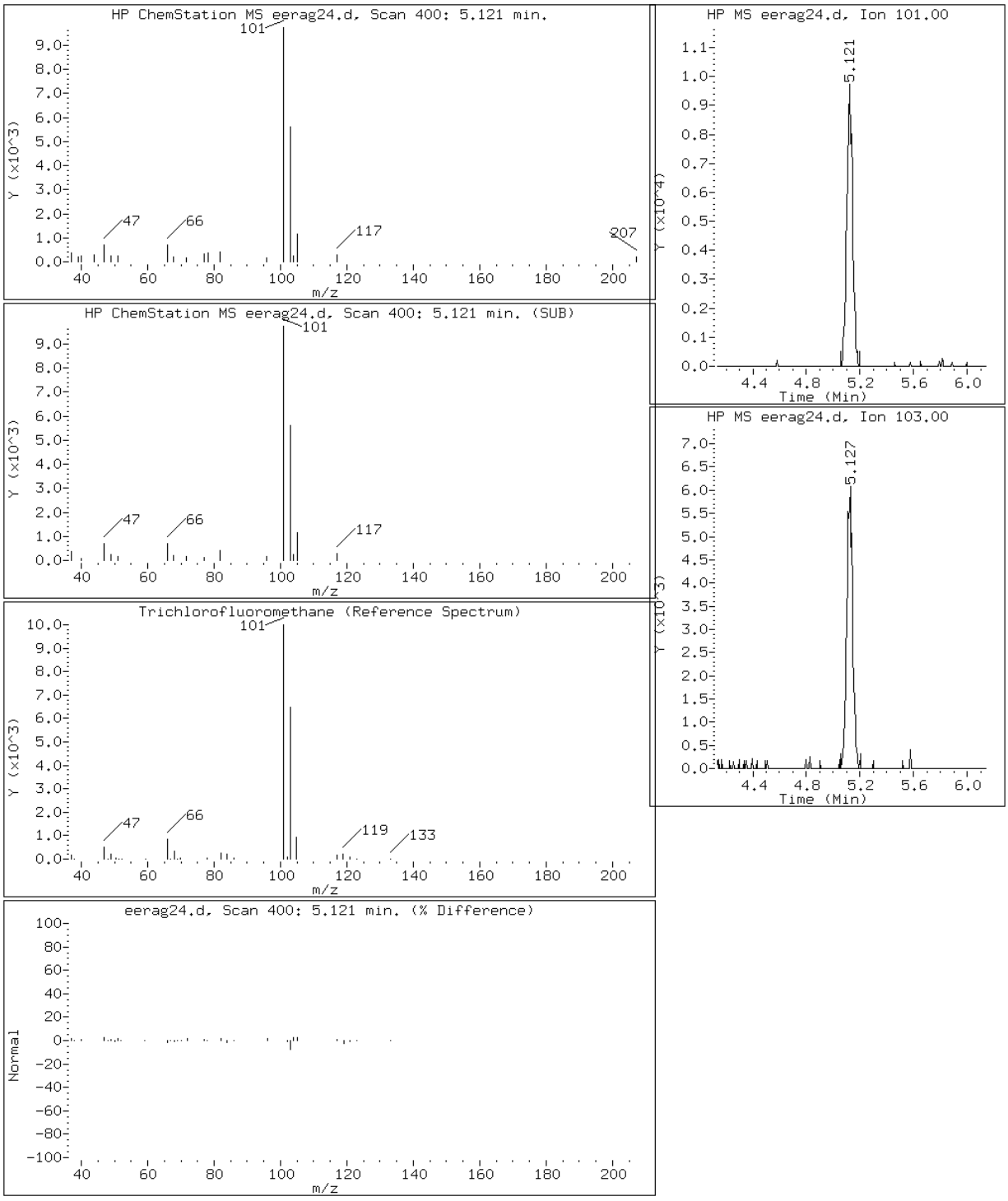
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Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

13 Trichlorofluoromethane



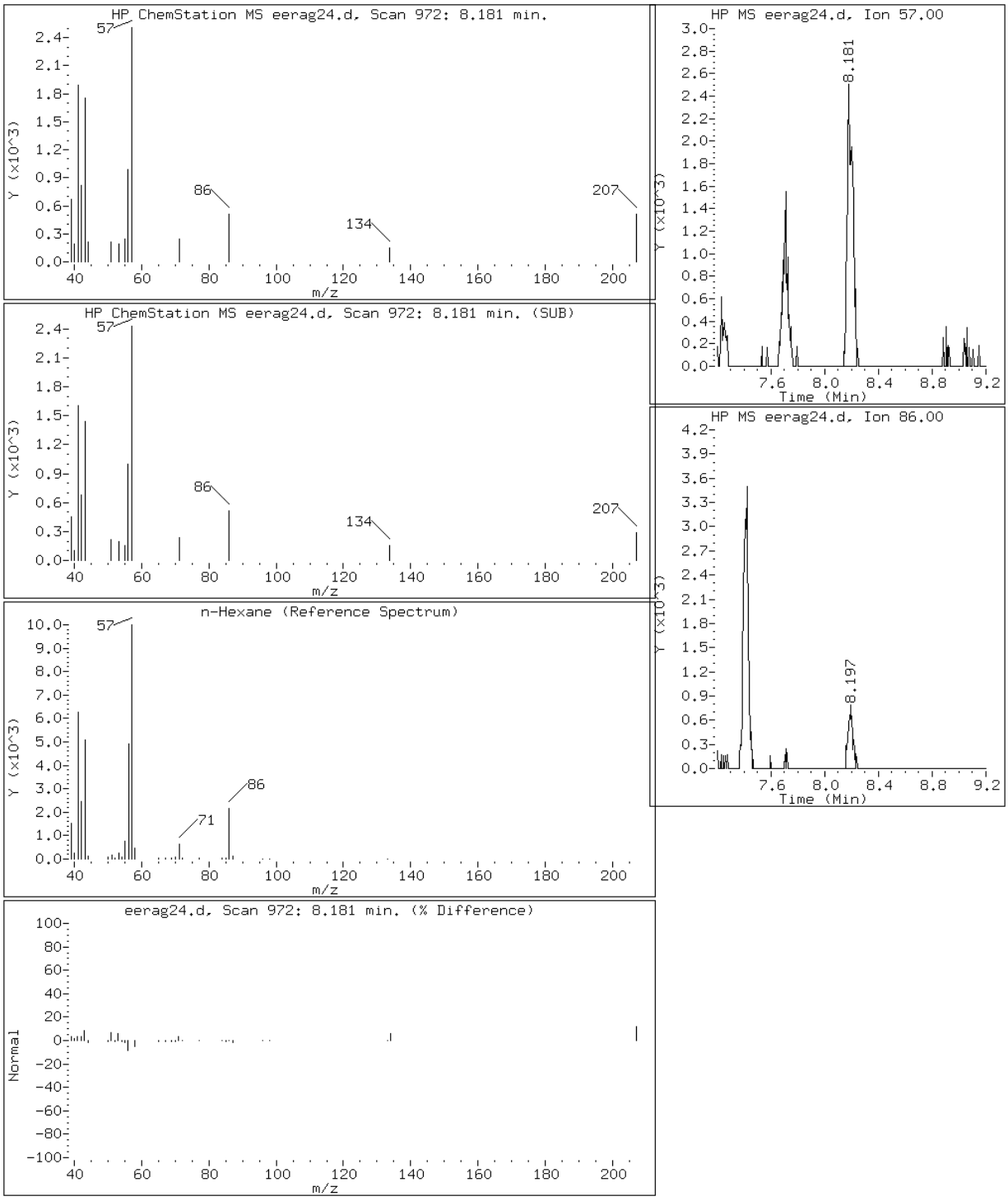
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Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

30 n-Hexane



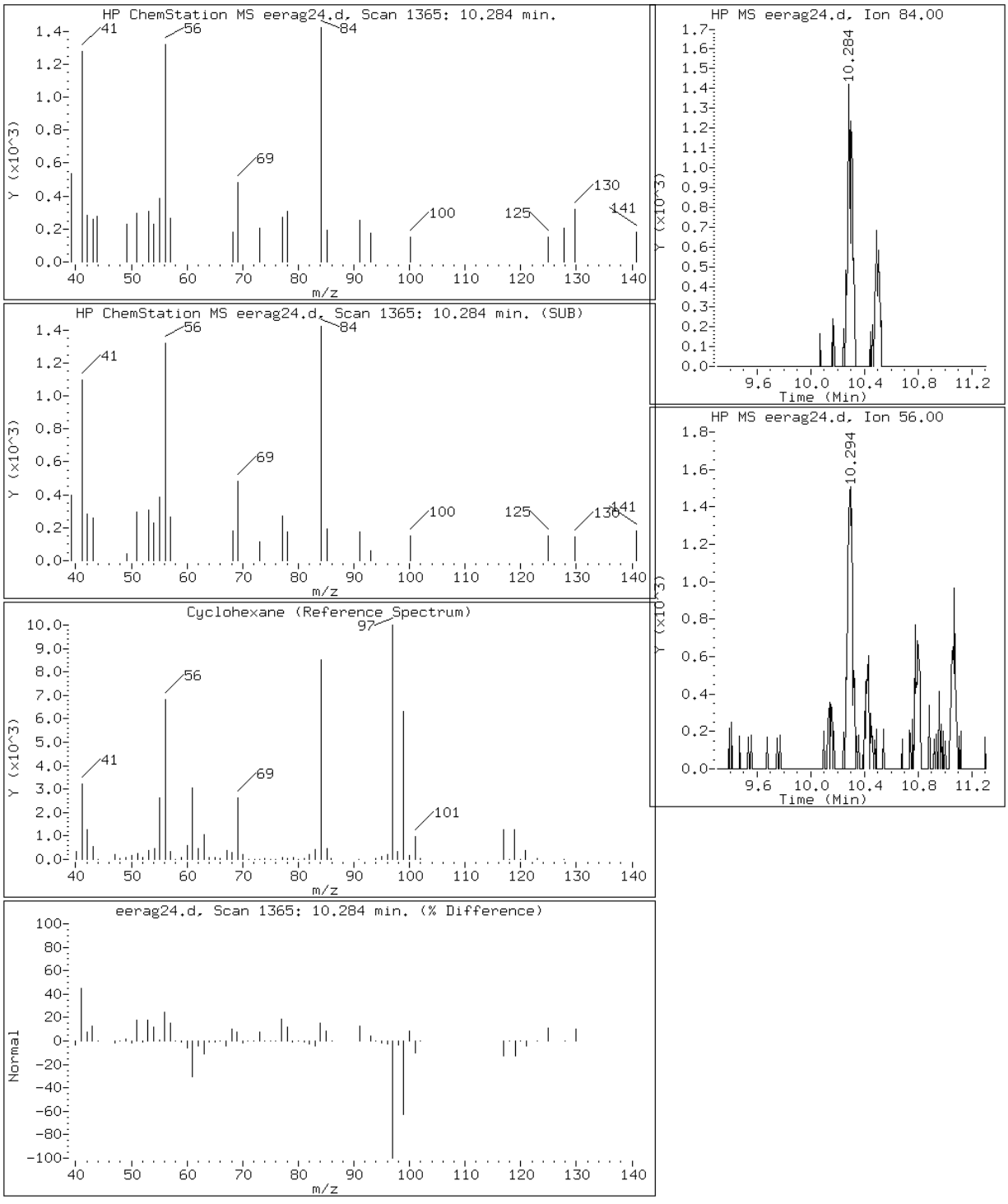
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Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

40 Cyclohexane



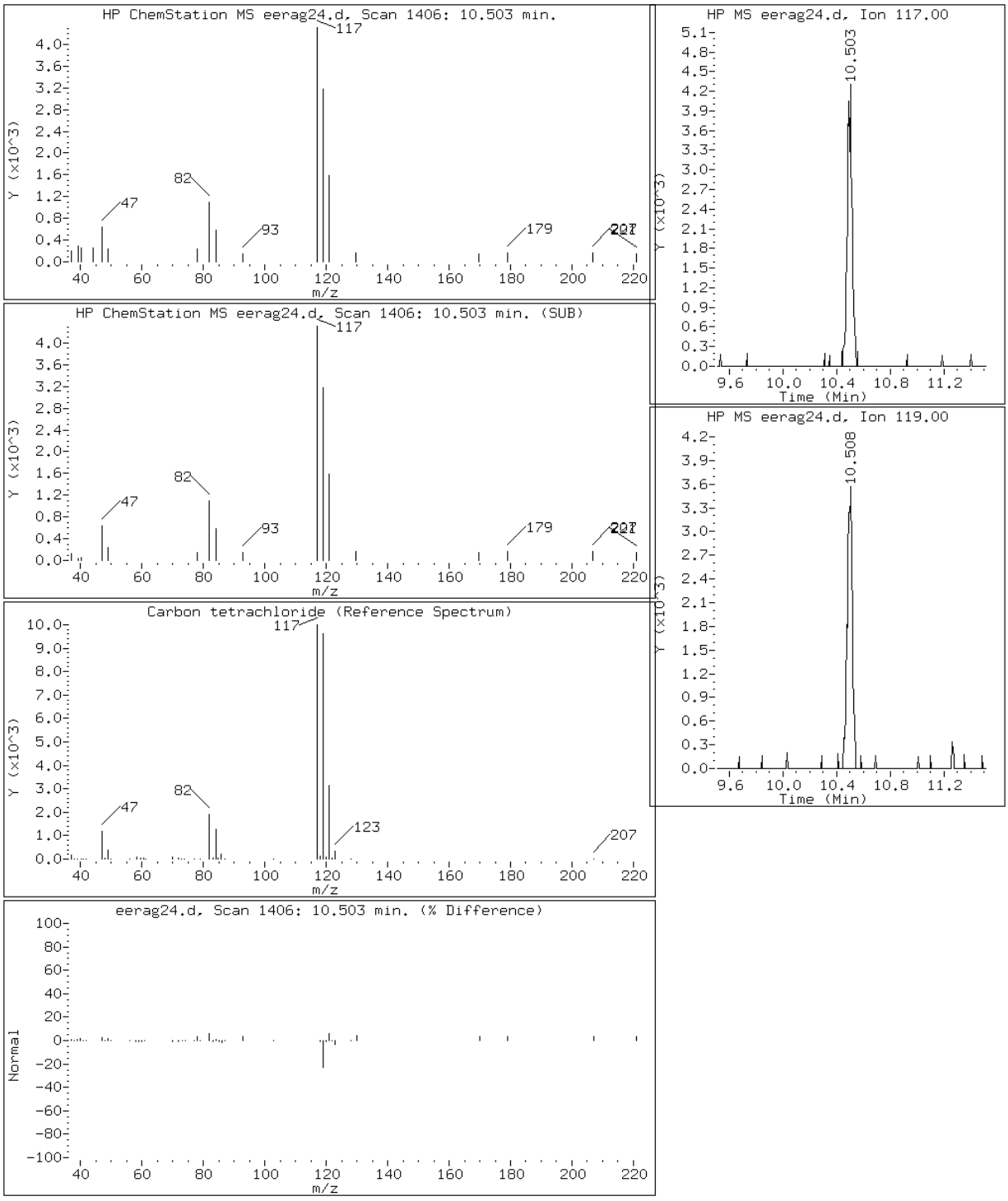
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Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

42 Carbon tetrachloride



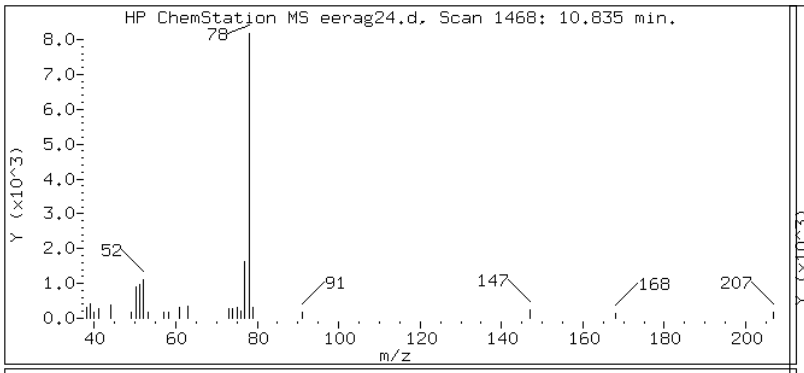
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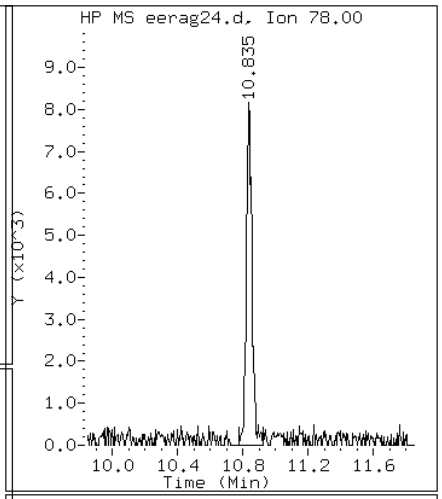
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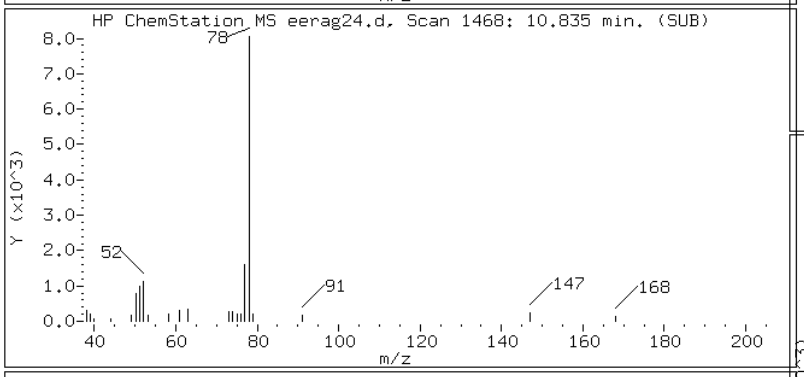
Client ID: AA-031512-CM-38 Instrument: E.i

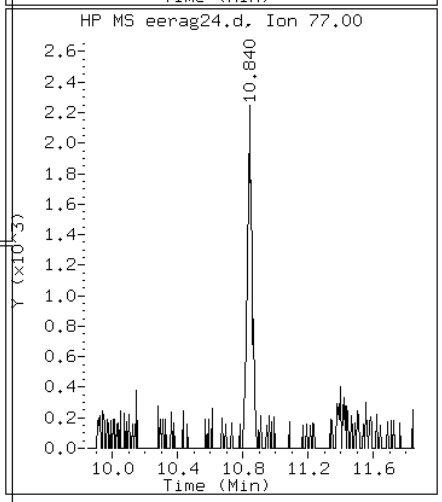
Sample Info: 200-9901-A-10 Operator: wrd

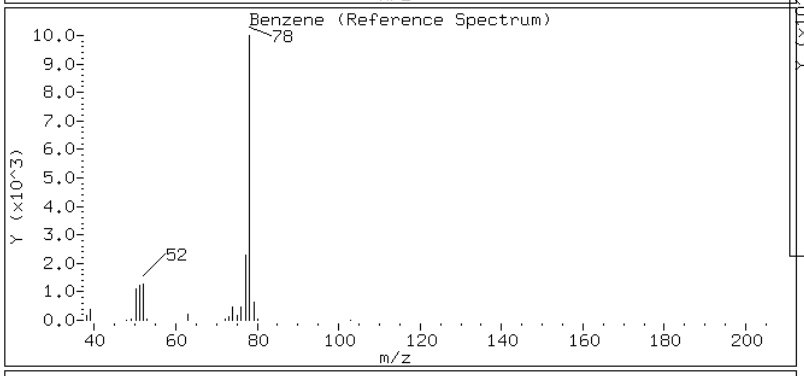
44 Benzene

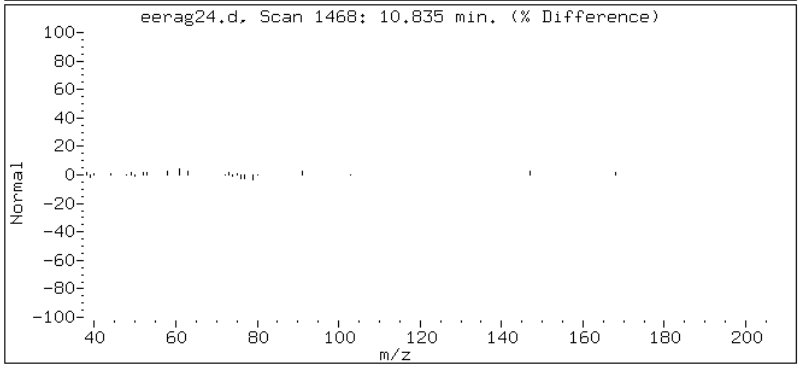












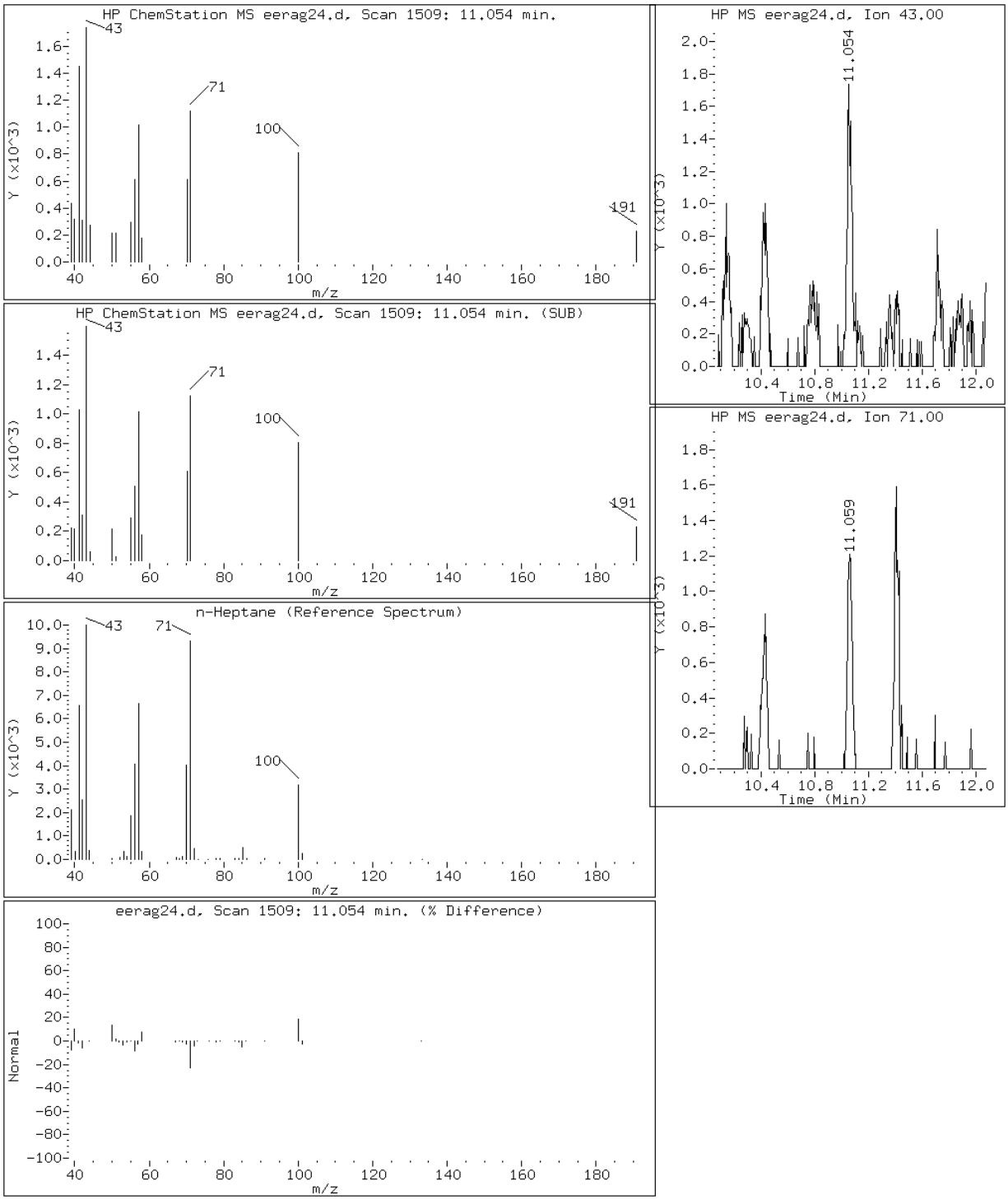
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Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

46 n-Heptane



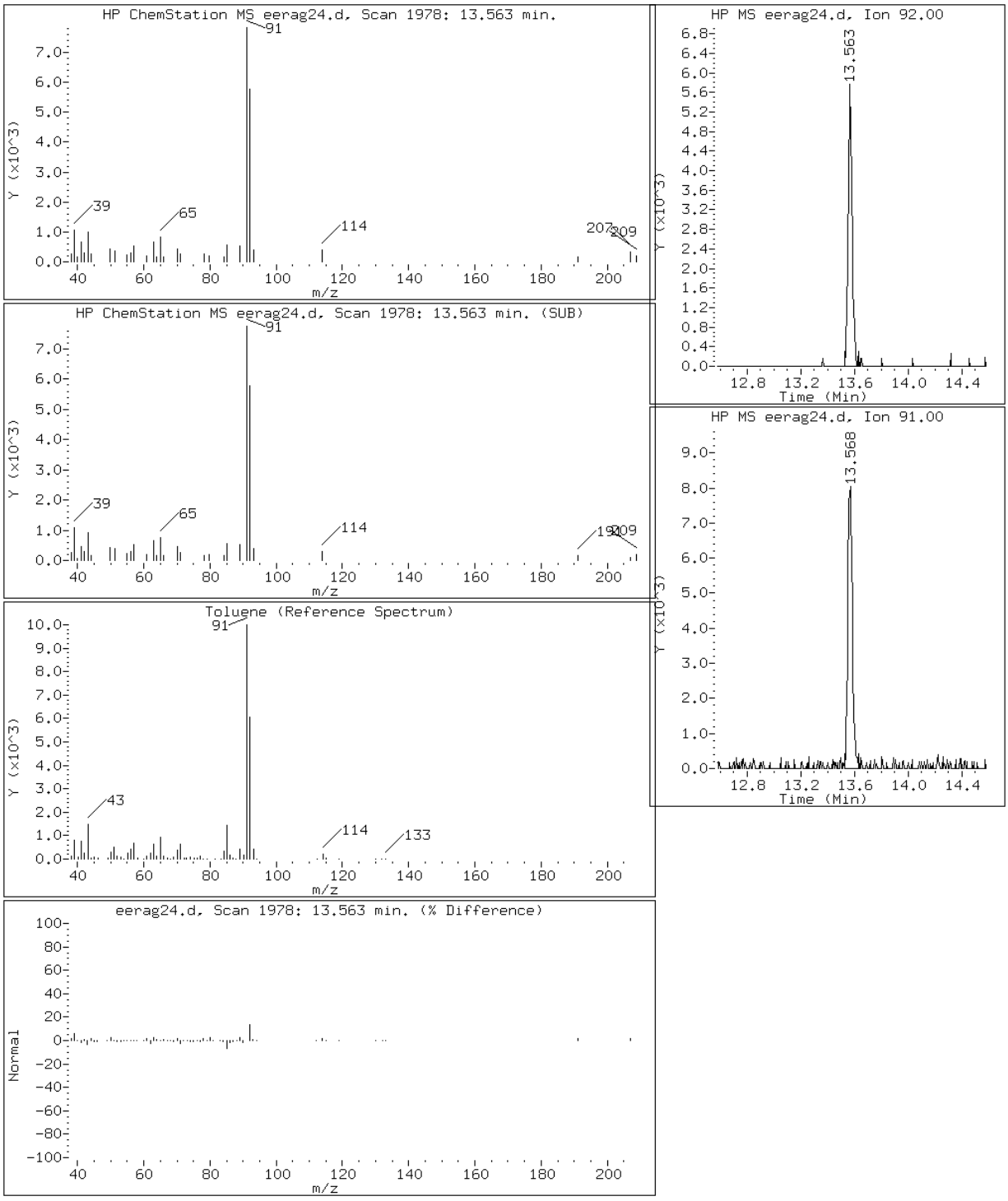
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Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

58 Toluene



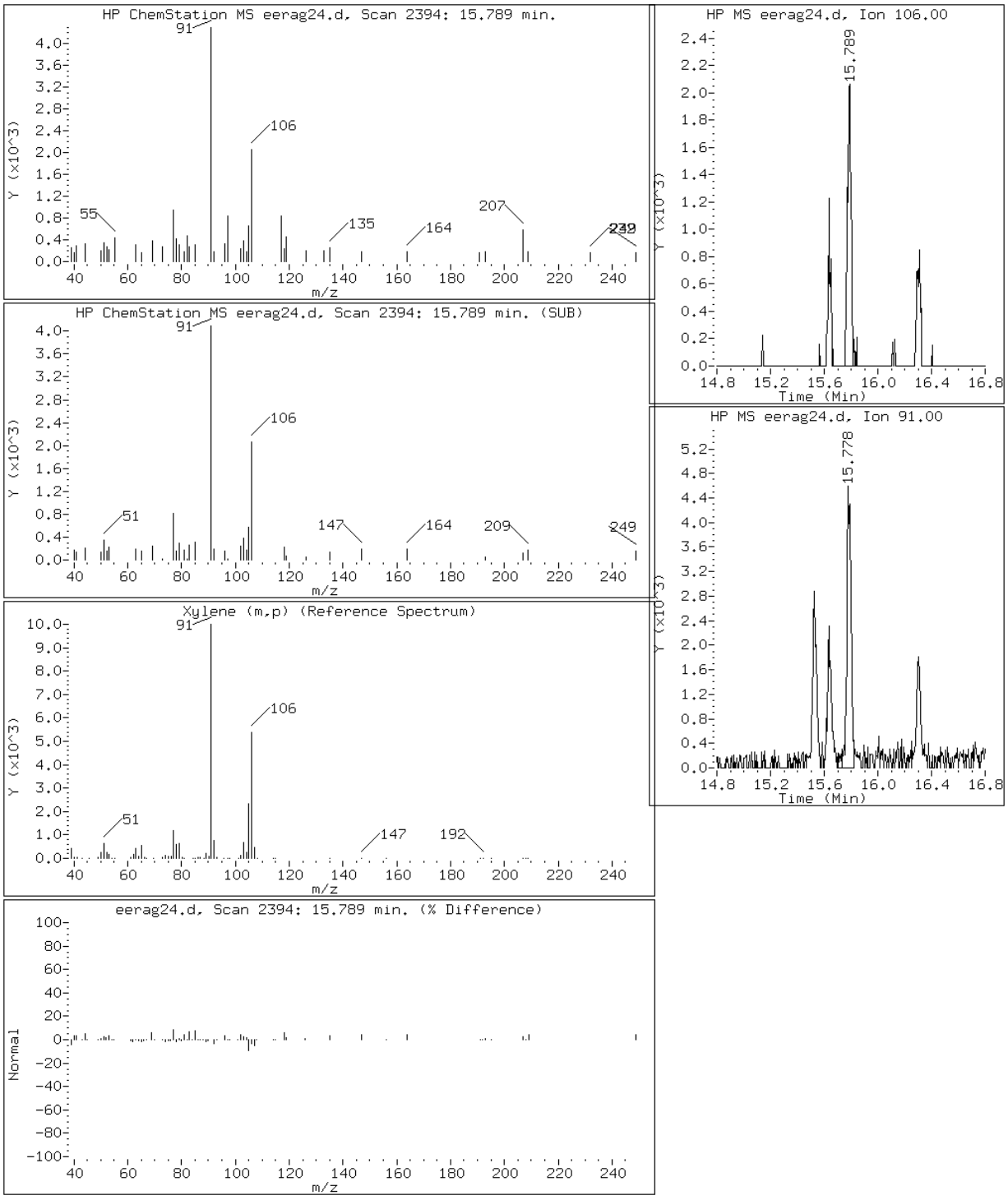
Data File: eerag24.d

Lab Sample ID: 200-9901-10 Date: 27-MAR-2012 08:53

Client ID: AA-031512-CM-38 Instrument: E.i

Sample Info: 200-9901-A-10 Operator: wrd

69 Xylene (m,p)



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-31788/3	ic 273310	eer003.d
Level 2	IC 200-31788/4	ic 273310	eer004.d
Level 3	IC 200-31788/5	ic 273310	eer005.d
Level 4	IC 200-31788/6	ic 273311	eer006.d
Level 5	ICIS 200-31788/7	icis 273311	eer007.d
Level 6	IC 200-31788/8	ic 273313	eer008.d
Level 7	IC 200-31788/9	ic 273313	eer009.d
Level 8	IC 200-31788/10	ic 273313	eer010.d
Level 9	IC 200-31788/11	ic 273171	eer011.d
Level 10	IC 200-31788/12	ic 273171	eer012.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 9	LVL 5 LVL 10		B	M1	M2								
Dichlorodifluoromethane	1.3912 1.4164	1.3161 +++++	1.7381 1.3772	1.4285 +++++	1.4374 +++++	Ave		1.4436				9.4		30.0			
1,2-Dichlorotetrafluoroethane	1.5402 1.3404	1.3559 +++++	1.5889 1.2695	1.3322 +++++	1.3413 +++++	Ave		1.3955				8.6		30.0			
Chloromethane	+++++ 0.2758	+++++ 0.2543	+++++ 0.2635	0.3054 0.2775	0.2971 0.2697	Ave		0.2776				6.5		30.0			
Vinyl chloride	+++++ 0.3689	0.4205 +++++	0.5101 0.3399	0.3693 +++++	0.3725 +++++	Ave		0.3969				15.4		30.0			
1,3-Butadiene	+++++ 0.2432	0.3082 +++++	0.3281 0.2340	0.2595 +++++	0.2524 +++++	Ave		0.2709				14.1		30.0			
Bromomethane	+++++ 0.4430	0.5181 +++++	0.5856 0.4224	0.4742 +++++	0.4771 +++++	Ave		0.4867				12.0		30.0			
Chloroethane	+++++ 0.1907	0.2545 +++++	0.2587 0.1836	0.2081 +++++	0.1977 +++++	Ave		0.2156				15.2		30.0			
2-Methyl-2-propanol	+++++ 0.2187	+++++ 0.1338	+++++ +++++	+++++ 0.2677	+++++ 0.2542	Ave		0.2186				27.5		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.5181	0.5387 +++++	0.7308 0.5019	0.5445 +++++	0.5203 +++++	Ave		0.5591				15.3		30.0			
Trichlorofluoromethane	2.4444 2.0110	2.0126 +++++	2.4407 1.9261	2.0741 +++++	2.0200 +++++	Ave		2.1327				10.1		30.0			
Isopropyl alcohol	+++++ 0.2083	+++++ 0.1037	+++++ 0.1295	0.1640 0.2315	0.1179 0.2344	Ave		0.1699				32.4	*	30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.3178	+++++ +++++	1.6598 1.2772	1.3926 +++++	1.3057 +++++	Ave		1.3906				11.2		30.0			
1,1-Dichloroethene	0.7390 0.5393	0.5896 +++++	0.7304 0.5372	0.5558 +++++	0.5615 +++++	Ave		0.6076				14.6		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.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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 9	LVL 5 LVL 10		B	M1	M2								
Acetone	+++++ 0.8469	+++++ 0.7625	+++++ 0.7839	+++++ 0.5461	+++++ 0.5960	Ave		0.7071				18.3		30.0			
Carbon disulfide	+++++ 1.5195	+++++ 1.4706	+++++ 1.4982	1.5383 1.6247	1.5470 1.6261	Ave		1.5463				3.9		30.0			
3-Chloropropene	+++++ 0.4171	0.6432 +++++	0.5586 0.4175	0.3991 +++++	0.4065 +++++	Ave		0.4737				21.6		30.0			
Methylene Chloride	+++++ 0.5104	+++++ 0.4805	+++++ 0.4802	0.6063 0.5094	0.5342 0.5169	Ave		0.5197				8.2		30.0			
trans-1,2-Dichloroethene	1.0013 0.8002	0.8338 +++++	1.0381 0.7851	0.8005 +++++	0.7903 +++++	Ave		0.8642				12.5		30.0			
Methyl tert-butyl ether	1.1817 1.3029	1.2018 +++++	1.7526 1.4333	1.2191 +++++	1.3835 +++++	Ave		1.3536				14.8		30.0			
n-Hexane	+++++ 0.6716	0.7314 +++++	0.9211 0.6804	0.7141 +++++	0.6846 +++++	Ave		0.7338				12.9		30.0			
1,1-Dichloroethane	1.1045 0.9316	1.0025 +++++	1.2711 0.8891	0.8846 +++++	0.8943 +++++	Ave		0.9968				14.5		30.0			
2-Butanone (MEK)	+++++ 1.1649	+++++ 1.1468	+++++ 1.3253	0.9556 1.0052	1.1535 1.1420	Ave		1.1276				10.6		30.0			
Tetrahydrofuran	+++++ 0.0595	+++++ 0.0588	+++++ 0.0680	0.0562 0.0517	0.0640 0.0580	Ave		0.0595				8.9		30.0			
cis-1,2-Dichloroethene	0.7003 0.5644	0.6170 +++++	0.7997 0.5427	0.5282 +++++	0.5368 +++++	Ave		0.6127				16.7		30.0			
Methyl methacrylate	+++++ 0.0577	+++++ 0.0590	+++++ 0.0752	0.0313 0.0569	0.0489 0.0687	Ave		0.0568				24.9		30.0			
1,4-Dioxane	+++++ 0.0262	+++++ 0.0200	+++++ 0.0269	0.0184 0.0300	0.0196 0.0322	Ave		0.0248				22.0		30.0			
Chloroform	1.6948 1.3812	1.4715 +++++	1.7787 1.2476	1.2880 +++++	1.3085 +++++	Ave		1.4529				14.3		30.0			
Cyclohexane	0.2049 0.1670	0.1704 +++++	0.2061 0.1696	0.1672 +++++	0.1719 +++++	Ave		0.1796				9.9		30.0			
1,1,1-Trichloroethane	0.3848 0.3625	0.3731 +++++	0.4520 0.3431	0.3503 +++++	0.3539 +++++	Ave		0.3742				9.9		30.0			
Carbon tetrachloride	0.4721 0.4119	0.4160 +++++	0.5094 0.4026	0.4095 +++++	0.4199 +++++	Ave		0.4345				9.3		30.0			
2,2,4-Trimethylpentane	0.4916 0.4193	0.4455 +++++	0.5819 0.4002	0.4090 +++++	0.4260 +++++	Ave		0.4534				14.2		30.0			
Benzene	0.4567 0.3081	0.3360 +++++	0.3988 0.2904	0.2749 +++++	0.3066 +++++	Ave		0.3388				19.4		30.0			
1,2-Dichloropropane	+++++ 0.0867	0.0947 +++++	0.1181 0.0872	0.0834 +++++	0.0873 +++++	Ave		0.0929				13.9		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.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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 9	LVL 5 LVL 10		B	M1	M2								
1,2-Dichloroethane	+++++ 0.1737	0.1963 +++++	0.2175 0.1644	0.1507 +++++	0.1709 +++++	Ave		0.1789				13.4		30.0			
n-Heptane	0.1305 0.1312	0.1475 +++++	0.1783 0.1240	0.1267 +++++	0.1321 +++++	Ave		0.1386				13.7		30.0			
Trichloroethene	0.1992 0.1813	0.1943 +++++	0.2302 0.1660	0.1692 +++++	0.1699 +++++	Ave		0.1872				12.2		30.0			
Bromodichloromethane	0.2606 0.2642	0.2540 +++++	0.3209 0.2620	0.2187 +++++	0.2511 +++++	Ave		0.2616				11.6		30.0			
2-Hexanone	+++++ 0.0682	+++++ 0.0419	+++++ 0.0651	0.0403 0.0662	0.0365 0.0749	Ave		0.0562				28.3		30.0			
cis-1,3-Dichloropropene	0.1475 0.1436	0.1358 +++++	0.1893 0.1481	0.1244 +++++	0.1378 +++++	Ave		0.1467				14.0		30.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.0666	+++++ 0.0522	+++++ 0.0814	0.0445 0.0712	0.0571 0.0834	Ave		0.0652				22.5		30.0			
Toluene	0.2496 0.2352	0.2471 +++++	0.3068 0.2363	0.2164 +++++	0.2458 +++++	Ave		0.2482				11.4		30.0			
trans-1,3-Dichloropropene	0.1313 0.1348	0.1295 +++++	0.1647 0.1541	0.1118 +++++	0.1272 +++++	Ave		0.1362				13.0		30.0			
1,1,2-Trichloroethane	0.0902 0.1063	0.1116 +++++	0.1432 0.1094	0.0947 +++++	0.1048 +++++	Ave		0.1086				15.8		30.0			
Tetrachloroethene	0.3868 0.2915	0.3521 +++++	0.4146 0.2693	0.2970 +++++	0.2975 +++++	Ave		0.3298				16.7		30.0			
Dibromochloromethane	0.2347 0.2663	0.2346 +++++	0.2986 0.2770	0.2168 +++++	0.2571 +++++	Ave		0.2550				11.1		30.0			
1,2-Dibromoethane	0.1901 0.2131	0.1962 +++++	0.2657 0.2155	0.1677 +++++	0.2047 +++++	Ave		0.2076				14.6		30.0			
Chlorobenzene	+++++ 0.3498	+++++ 0.3347	0.4576 0.3445	0.3224 0.2693	0.3496 0.2963	Ave		0.3405				16.2		30.0			
Ethylbenzene	0.4137 0.4736	0.4058 +++++	0.6027 0.5170	0.4008 +++++	0.4747 +++++	Ave		0.4698				15.5		30.0			
m-Xylene & p-Xylene	0.1139 0.1841	0.1327 +++++	0.1985 0.2056	0.1313 +++++	0.1715 +++++	Ave		0.1625				22.4		30.0			
o-Xylene	0.1156 0.1753	0.1184 +++++	0.1964 0.2044	0.1192 +++++	0.1578 +++++	Ave		0.1553				24.6		30.0			
Styrene	+++++ 0.1413	0.0893 0.1621	0.1180 +++++	0.0747 +++++	0.1065 +++++	Ave		0.1153				28.2		30.0			
Bromoform	0.1274 0.1975	0.1360 +++++	0.2055 0.2368	0.1378 +++++	0.1622 +++++	Ave		0.1719				24.4		30.0			
1,1,2,2-Tetrachloroethane	0.1084 0.1232	0.1041 +++++	0.1658 0.1689	0.0980 +++++	0.1180 +++++	Ave		0.1266				22.9		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.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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 9	LVL 5 LVL 10		B	M1	M2								
4-Ethyltoluene	0.2528 0.3024	0.2139 +++++	0.4043 0.4492	0.2158 +++++	0.2734 +++++	Ave		0.3017				30.4	*	30.0			
2-Chlorotoluene	+++++ 0.3890	+++++ 0.4100	0.4723 0.4919	0.2652 0.3710	0.3386 0.4281	Ave		0.3958				18.5		30.0			
1,3,5-Trimethylbenzene	+++++ 0.2401	0.2196 +++++	0.3352 0.3554	0.1781 +++++	0.2317 +++++	Ave		0.2600				26.8		30.0			
1,2,4-Trimethylbenzene	+++++ 0.2197	+++++ 0.2253	0.3008 0.3093	0.1668 0.2226	0.2125 0.2672	Ave		0.2405				20.0		30.0			
1,3-Dichlorobenzene	+++++ 0.1979	+++++ 0.1915	0.2667 0.2395	0.1785 0.1853	0.1932 0.2080	Ave		0.2076				14.6		30.0			
1,4-Dichlorobenzene	+++++ 0.1980	+++++ 0.1930	0.2891 0.2254	0.1758 0.1824	0.1897 0.1984	Ave		0.2065				17.7		30.0			
1,2-Dichlorobenzene	+++++ 0.1664	+++++ 0.1620	0.2387 0.1885	0.1587 0.1608	0.1711 0.1702	Ave		0.1770				15.0		30.0			
1,2,4-Trichlorobenzene	+++++ 0.0619	+++++ 0.0714	+++++ 0.0761	0.0610 0.0628	0.0706 0.0666	Ave		0.0672				8.5		30.0			
Hexachlorobutadiene	+++++ 0.0679	+++++ 0.0678	0.1051 0.0713	0.0679 0.0686	0.0710 0.0689	Ave		0.0735				17.4		30.0			
Naphthalene	+++++ 0.1212	+++++ 0.1431	+++++ 0.1497	0.1073 0.1146	0.1383 0.1214	Ave		0.1279				12.4		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.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-31788/3	eer003.d
Level 2	IC 200-31788/4	eer004.d
Level 3	IC 200-31788/5	eer005.d
Level 4	IC 200-31788/6	eer006.d
Level 5	ICIS 200-31788/7	eer007.d
Level 6	IC 200-31788/8	eer008.d
Level 7	IC 200-31788/9	eer009.d
Level 8	IC 200-31788/10	eer010.d
Level 9	IC 200-31788/11	eer011.d
Level 10	IC 200-31788/12	eer012.d

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Dichlorodifluoromethane	BCM	Ave	5930 290583	11373 +++++	28587 585117	58290 +++++	115667 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dichlorotetrafluoroethane	BCM	Ave	6565 274979	11717 +++++	26132 539360	54358 +++++	107935 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloromethane	BCM	Ave	+++++ 56577	+++++ 79955	+++++ 111973	12461 179756	23909 236950	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Vinyl chloride	BCM	Ave	+++++ 75684	3634 +++++	8390 144412	15068 +++++	29973 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,3-Butadiene	BCM	Ave	+++++ 49897	2663 +++++	5397 99437	10588 +++++	20308 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromomethane	BCM	Ave	+++++ 90873	4477 +++++	9631 179450	19349 +++++	38394 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chloroethane	BCM	Ave	+++++ 39123	2199 +++++	4254 78022	8493 +++++	15911 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
2-Methyl-2-propanol	BCM	Ave	+++++ 44873	+++++ 42062	+++++ +++++	+++++ 173365	+++++ 223282	+++++ 0.500	+++++ 0.750	+++++ +++++	+++++ 1.50	+++++ 2.00
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 106293	4655 +++++	12020 213249	22220 +++++	41868 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Trichlorofluoromethane	BCM	Ave	10419 412567	17392 +++++	40141 818348	84632 +++++	162549 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Isopropyl alcohol	BCM	Ave	+++++ 42726	+++++ 32616	+++++ 55019	6690 149919	9489 205920	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
1,1,2-Trichloro-1,2,2-trifluoroetha ne	BCM	Ave	+++++ 270349	+++++ +++++	27299 542658	56826 +++++	105067 +++++	+++++ 0.500	+++++ +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1-Dichloroethene	BCM	Ave	3150 110643	5095 +++++	12013 228246	22680 +++++	45185 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Acetone	BCM	Ave	+++++ 173746	+++++ 239763	+++++ 333051	+++++ 353724	+++++ 523555	+++++ 0.500	+++++ 0.750	+++++ 1.00	+++++ 1.50	+++++ 2.00

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Carbon disulfide	BCM	Ave	+++++ 311727	+++++ 462436	+++++ 636544	62771 1052265	124485 1428563	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
3-Chloropropene	BCM	Ave	+++++ 85568	5558 +++++	9188 177372	16287 +++++	32712 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Methylene Chloride	BCM	Ave	+++++ 104699	+++++ 151088	+++++ 204035	24739 329936	42989 454115	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
trans-1,2-Dichloroethene	BCM	Ave	4268 164170	7205 +++++	17074 333551	32662 +++++	63595 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Methyl tert-butyl ether	BCM	Ave	5037 267286	10385 +++++	28825 608951	49745 +++++	111333 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
n-Hexane	BCM	Ave	+++++ 137772	6320 +++++	15149 289084	29138 +++++	55087 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1-Dichloroethane	BCM	Ave	4708 191110	8663 +++++	20905 377769	36096 +++++	71968 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
2-Butanone (MEK)	BCM	Ave	+++++ 238976	+++++ 360607	+++++ 563056	38992 651071	92825 1003286	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Tetrahydrofuran	DFB	Ave	+++++ 60216	+++++ 89084	+++++ 141938	11358 158782	25127 244817	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
cis-1,2-Dichloroethene	BCM	Ave	2985 115787	5332 +++++	13153 230595	21551 +++++	43195 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Methyl methacrylate	DFB	Ave	+++++ 58324	+++++ 89410	+++++ 156942	6319 174750	19202 289866	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
1,4-Dioxane	DFB	Ave	+++++ 26537	+++++ 30329	+++++ 56053	3726 92083	7689 135829	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Chloroform	BCM	Ave	7224 283360	12716 +++++	29254 530074	52555 +++++	105297 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Cyclohexane	DFB	Ave	4364 168942	7206 +++++	16736 353914	33775 +++++	67496 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1,1-Trichloroethane	DFB	Ave	8194 366691	15773 +++++	36711 715931	70772 +++++	138949 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Carbon tetrachloride	DFB	Ave	10054 416656	17588 +++++	41378 840046	82722 +++++	164874 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
2,2,4-Trimethylpentane	DFB	Ave	10469 424107	18834 +++++	47266 835115	82638 +++++	167235 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Benzene	DFB	Ave	9725 311701	14206 +++++	32395 605924	55543 +++++	120395 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dichloropropane	DFB	Ave	+++++ 87748	4005 +++++	9592 181970	16854 +++++	34294 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dichloroethane	DFB	Ave	+++++ 175666	8300 +++++	17662 342977	30455 +++++	67107 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
n-Heptane	DFB	Ave	2778 132759	6235 +++++	14486 258664	25599 +++++	51868 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Trichloroethene	DFB	Ave	4242 183373	8217 +++++	18701 346408	34180 +++++	66725 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Bromodichloromethane	DFB	Ave	5550 267214	10740 +++++	26065 546574	44186 +++++	98587 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
2-Hexanone	CBZ	Ave	+++++ 62421	+++++ 57231	+++++ 125830	7250 188165	12701 291546	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
cis-1,3-Dichloropropene	DFB	Ave	3141 145229	5740 +++++	15379 309066	25135 +++++	54122 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
4-Methyl-2-pentanone (MIBK)	DFB	Ave	+++++ 67405	+++++ 79154	+++++ 169831	8984 218797	22435 351684	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Toluene	CBZ	Ave	4733 215407	9225 +++++	22270 456560	38890 +++++	85496 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
trans-1,3-Dichloropropene	DFB	Ave	2797 136315	5475 +++++	13374 321482	22592 +++++	49929 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1,2-Trichloroethane	CBZ	Ave	1710 97354	4166 +++++	10394 211408	17021 +++++	36465 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Tetrachloroethene	CBZ	Ave	7334 267034	13143 +++++	30099 520337	53386 +++++	103489 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Dibromochloromethane	CBZ	Ave	4451 243943	8756 +++++	21680 535119	38959 +++++	89429 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,2-Dibromoethane	CBZ	Ave	3605 195199	7324 +++++	19291 416423	30138 +++++	71222 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Chlorobenzene	CBZ	Ave	+++++ 320347	+++++ 456897	33218 665659	57938 765644	121613 1153387	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
Ethylbenzene	CBZ	Ave	7845 433785	15146 +++++	43757 998845	72044 +++++	165145 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
m-Xylene & p-Xylene	CBZ	Ave	4320 337270	9906 +++++	28818 794460	47197 +++++	119347 +++++	0.0200 1.00	0.0400 +++++	0.0800 2.00	0.200 +++++	0.400 +++++
o-Xylene	CBZ	Ave	2192 160575	4421 +++++	14255 394947	21421 +++++	54899 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
Styrene	CBZ	Ave	+++++ 129451	3334 221208	8567 +++++	13423 +++++	37034 +++++	+++++ 0.500	0.0200 0.750	0.0400 +++++	0.100 +++++	0.200 +++++
Bromoform	CBZ	Ave	2416 180895	5076 +++++	14919 457485	24769 +++++	56436 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
1,1,2,2-Tetrachloroethane	CBZ	Ave	2055 112881	3886 +++++	12035 326274	17609 +++++	41036 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
4-Ethyltoluene	CBZ	Ave	4794 276968	7985 +++++	29353 867931	38781 +++++	95088 +++++	0.0100 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++
2-Chlorotoluene	CBZ	Ave	+++++ 356262	+++++ 559680	34286 950442	47664 1054836	117793 1666234	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 219885	8196 +++++	24334 686620	32004 +++++	80600 +++++	+++++ 0.500	0.0200 +++++	0.0400 1.00	0.100 +++++	0.200 +++++

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9901-1 Analy Batch No.: 31788

SDG No.: 200-9901-1

Instrument ID: E.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2012 18:42 Calibration End Date: 01/05/2012 02:54 Calibration ID: 12699

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 201258	+++++ 307549	21838 597562	29980 632833	73912 1039899	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,3-Dichlorobenzene	CBZ	Ave	+++++ 181290	+++++ 261334	19360 462650	32078 526865	67199 809506	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,4-Dichlorobenzene	CBZ	Ave	+++++ 181313	+++++ 263441	20991 435519	31592 518601	65996 772287	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,2-Dichlorobenzene	CBZ	Ave	+++++ 152401	+++++ 221105	17330 364127	28520 457137	59522 662357	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 56675	+++++ 97429	+++++ 146981	10967 178636	24572 259363	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00
Hexachlorobutadiene	CBZ	Ave	+++++ 62154	+++++ 92511	7628 137667	12201 195204	24701 268099	+++++ 0.500	+++++ 0.750	0.0400 1.00	0.100 1.50	0.200 2.00
Naphthalene	CBZ	Ave	+++++ 110977	+++++ 195261	+++++ 289175	19279 325909	48126 472364	+++++ 0.500	+++++ 0.750	+++++ 1.00	0.100 1.50	0.200 2.00

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer003.d
Lab Smp Id: ic 273310 Client Smp ID: ic 273310
Inj Date : 04-JAN-2012 18:42
Operator : wrd Inst ID: E.i
Smp Info : ic 273310
Misc Info : 100,1,level 1
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 18:42 Cal File: eer003.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	5930	0.01000	0.0096(a)
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	3898	0.01000	0.014(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.415	3.415	(0.342)	6565	0.01000	0.011
5 Chloromethane	50	3.538	3.543	(0.354)	4069	0.01000	0.034(a)
6 Butane	43	3.720	3.720	(0.373)	2508	0.01000	0.013(a)
7 Vinyl chloride	62	3.752	3.757	(0.376)	1982	0.01000	0.012(a)
8 1,3-Butadiene	54	3.827	3.827	(0.383)	1619	0.01000	0.014(a)
9 Bromomethane	94	4.447	4.447	(0.445)	2845	0.01000	0.014(a)
10 Chloroethane	64	4.656	4.656	(0.466)	896	0.01000	0.0098(a)
12 Vinyl bromide	106	5.030	5.036	(0.504)	2910	0.01000	0.012(a)
13 Trichlorofluoromethane	101	5.127	5.138	(0.513)	10419	0.01000	0.011
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.282	6.282	(0.629)	7503	0.01000	0.013(a)

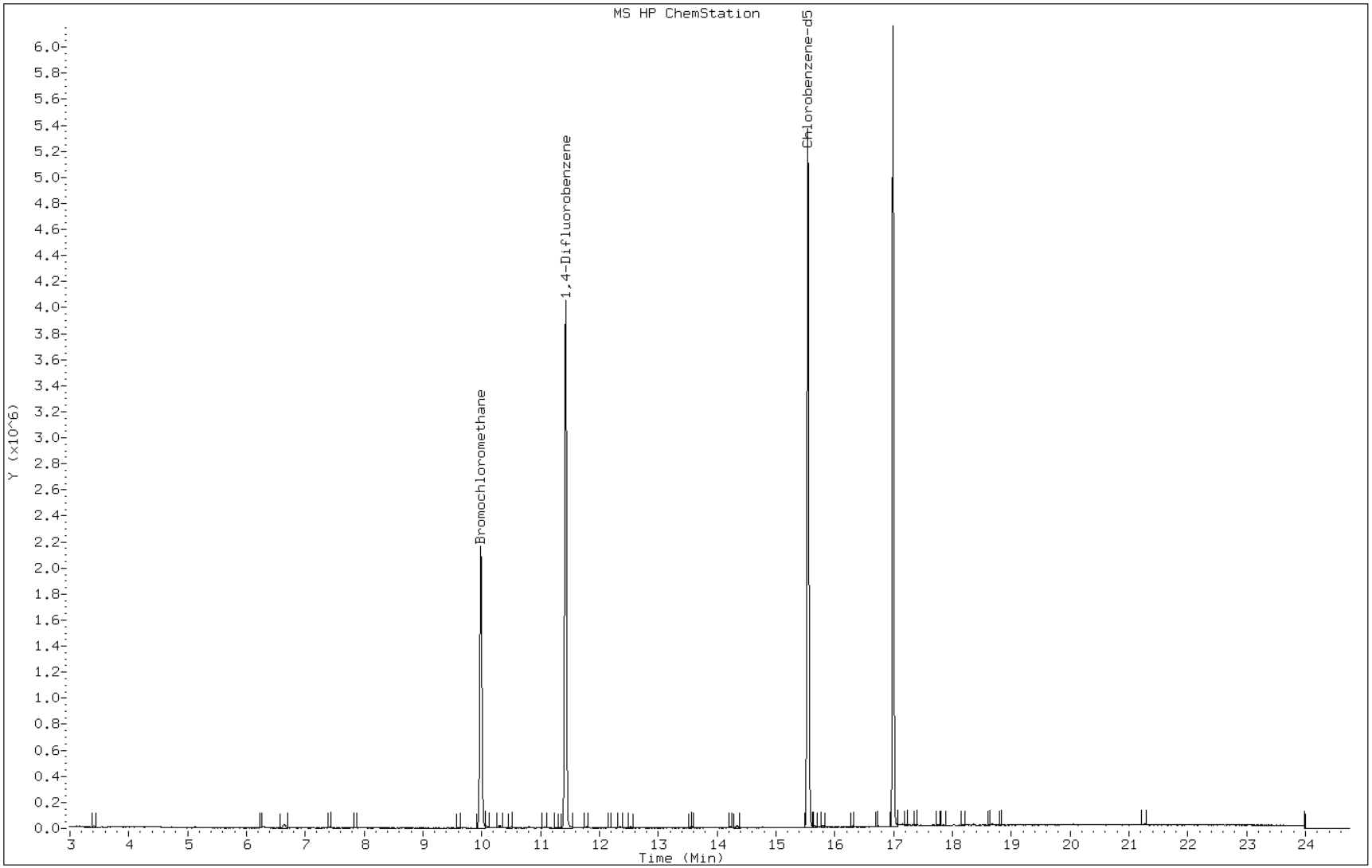
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
19	1,1-Dichloroethene	96	6.346	6.341	(0.636)	3150	0.01000	0.012
20	Acetone	43	6.646	6.646	(0.666)	52658	0.01000	0.17(a)
23	Carbon disulfide	76	6.774	6.780	(0.678)	7802	0.01000	0.012(a)
21	Isopropanol	45	6.994	7.021	(0.700)	2852	0.01000	0.039(aQ)
22	Allyl chloride	41	7.133	7.138	(0.714)	3253	0.01000	0.016(a)
25	Methylene chloride	49	7.427	7.433	(0.744)	7235	0.01000	0.033(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	1,2-Dichloroethene (trans)	61	7.860	7.861	(0.787)	4268	0.01000	0.012
28	Methyl tert-butyl ether	73	7.951	7.946	(0.796)	5037	0.01000	0.0087(a)
30	n-Hexane	57	8.203	8.203	(0.822)	3384	0.01000	0.011(a)
31	1,1-Dichloroethane	63	8.657	8.658	(0.867)	4708	0.01000	0.011
32	Vinyl acetate	43	8.732	8.716	(0.875)	2030	0.01000	0.0082(a)
M 33	1,2-Dichloroethene, Total	61				7253	0.02000	0.023
34	1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	2985	0.01000	0.011
38	Methyl Ethyl Ketone	43	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
* 36	Bromochloromethane	128	9.984	9.990	(1.000)	852484	2.00000	
37	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	10.070	10.075	(1.009)	7224	0.01000	0.012
40	Cyclohexane	84	10.310	10.305	(0.902)	4364	0.01000	0.011
41	1,1,1-Trichloroethane	97	10.310	10.316	(0.902)	8194	0.01000	0.010
42	Carbon tetrachloride	117	10.508	10.514	(0.919)	10054	0.01000	0.011
43	2,2,4-Trimethylpentane	57	10.813	10.803	(0.946)	10469	0.01000	0.011
44	Benzene	78	10.856	10.851	(0.950)	9725	0.01000	0.013
45	1,2-Dichloroethane	62	10.985	10.979	(0.961)	4211	0.01000	0.011(a)
46	n-Heptane	43	11.075	11.076	(0.969)	2778	0.01000	0.0094(aQ)
* 47	1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4259084	2.00000	
49	Trichloroethene	95	11.782	11.782	(1.031)	4242	0.01000	0.011
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	12.536	12.531	(1.097)	5550	0.01000	0.0100
55	1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	3141	0.01000	0.010
56	Methyl isobutyl ketone	43	13.403	13.403	(1.173)	1524	0.01000	0.011(aQ)
58	Toluene	92	13.585	13.579	(0.874)	4733	0.01000	0.010
59	1,3-Dichloropropene (trans)	75	13.954	13.959	(1.221)	2797	0.01000	0.0096(a)
60	1,1,2-Trichloroethane	83	14.237	14.227	(0.916)	1710	0.01000	0.0083(a)
61	Tetrachloroethene	166	14.344	14.344	(0.923)	7334	0.01000	0.012
62	2-Hexanone	43	14.569	14.564	(0.937)	763	0.01000	0.0072(aQ)
63	Dibromochloromethane	129	14.783	14.778	(0.951)	4451	0.01000	0.0092(a)
64	1,2-Dibromoethane	107	14.975	14.976	(0.964)	3605	0.01000	0.0092(a)
* 65	Chlorobenzene-d5	117	15.543	15.543	(1.000)	3792264	2.00000	
66	Chlorobenzene	112	15.580	15.585	(1.002)	6717	0.01000	0.010(aQ)
67	Ethylbenzene	91	15.660	15.650	(1.008)	7845	0.01000	0.0088(a)
69	Xylene (m,p)	106	15.805	15.799	(1.017)	4320	0.02000	0.014(a)
M 70	Xylene, Total	106				6512	0.03000	0.021
71	Xylene (o)	106	16.313	16.318	(1.050)	2192	0.01000	0.0074(aQ)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.334	16.345	(1.051)	1328	0.01000	0.0061(aQ)
73 Bromoform	173	16.645	16.634	(1.071)	2416	0.01000	0.0074(aM)
74 Isopropylbenzene	105	16.725	16.730	(1.076)	4746	0.01000	0.0057(a)
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	2055	0.01000	0.0086(aQ)
76 n-Propylbenzene	91	17.217	17.212	(1.108)	5355	0.01000	0.0070(aQ)
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	4794	0.01000	0.0084(a)
80 2-Chlorotoluene	91	17.383	17.378	(1.118)	5504	0.01000	0.0073(aQ)
81 1,3,5-Trimethylbenzene	105	17.410	17.404	(1.120)	4311	0.01000	0.0087(a)
83 tert-butylbenzene	119	17.773	17.774	(1.144)	5343	0.01000	0.011(aQ)
84 1,2,4-Trimethylbenzene	105	17.838	17.843	(1.148)	4447	0.01000	0.0098(a)
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	6074	0.01000	0.0095(a)
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	4290	0.01000	0.0086(a)
87 1,3-Dichlorobenzene	146	18.255	18.250	(1.175)	4444	0.01000	0.011(a)
88 1,4-Dichlorobenzene	146	18.367	18.362	(1.182)	4576	0.01000	0.012(a)
89 Benzyl chloride	91	18.512	18.512	(1.191)	2794	0.01000	0.013(a)
91 n-Butylbenzene	91	18.672	18.672	(1.201)	3872	0.01000	0.0097(aQ)
92 1,2-Dichlorobenzene	146	18.822	18.833	(1.211)	3700	0.01000	0.011(aQ)
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	1867	0.01000	0.015(aQ)
95 1,3-Hexachlorobutadiene	225	21.251	21.262	(1.367)	1949	0.01000	0.014(aQ)
96 Naphthalene	128	21.588	21.582	(1.389)	3535	0.01000	0.014(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eer003.d	Date:	04-JAN-2012 18:42
Client ID:	ic 273310	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273310		
Lab Sample ID:	ic 273310		



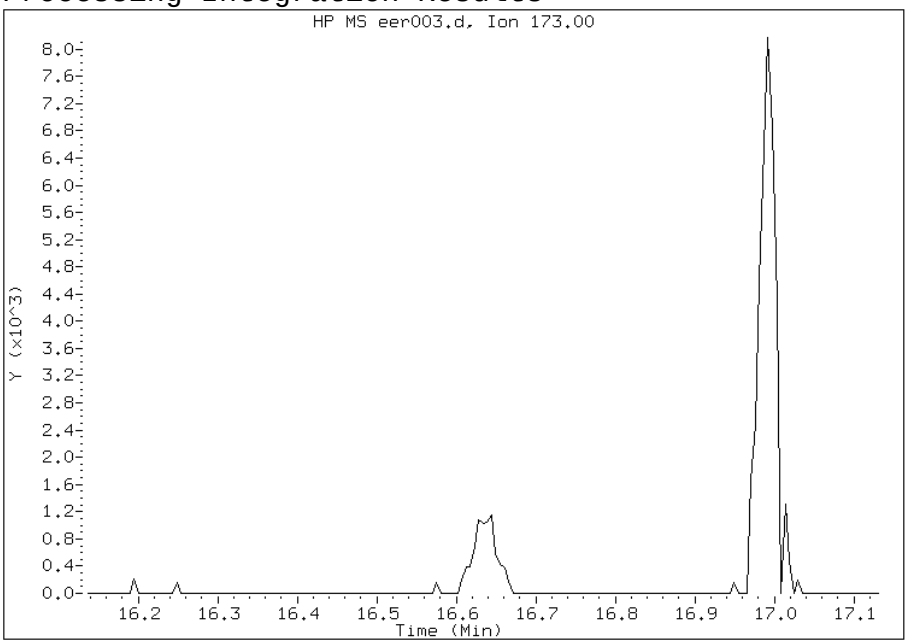
Manual Integration Report

Data File: eer003.d
Lab Sample ID: ic 273310
Inj. Date and Time: 04-JAN-2012 18:42
Instrument ID: E.i
Client ID: ic 273310
Compound: 73 Bromoform
CAS #: 75-25-2
Report Date: 01/12/2012

Processing Integration Results

Not Detected

Expected RT: 16.63



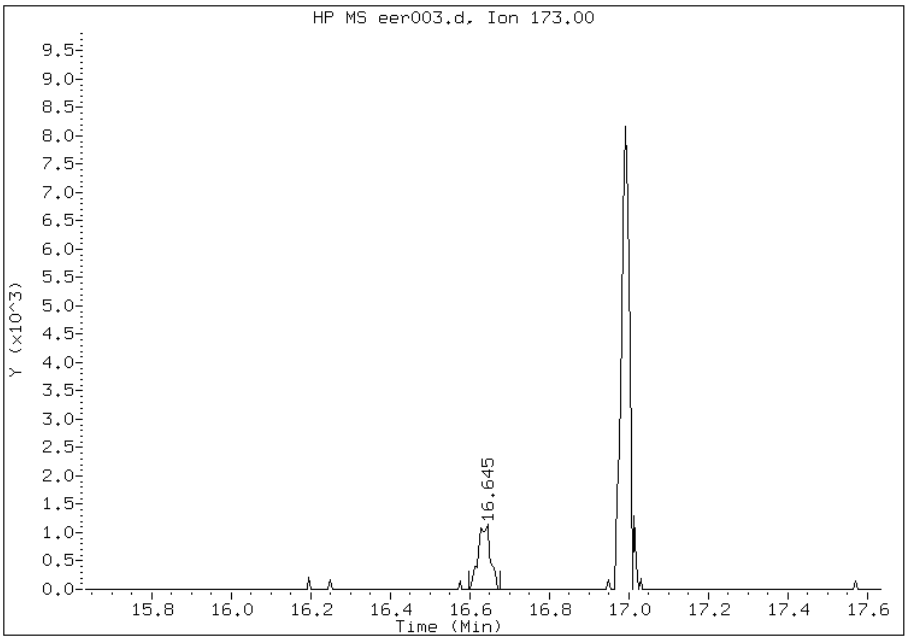
Manual Integration Results

RT: 16.64

Response: 2416

Amount: 0.007413

Conc: 0.007413



File Uploaded By: jd1
Manual Integration Reason: Peak not found by the data system

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer004.d
Lab Smp Id: ic 273310 Client Smp ID: ic 273310
Inj Date : 04-JAN-2012 19:37
Operator : wrd Inst ID: E.i
Smp Info : ic 273310
Misc Info : 200,1,level 2
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 19:37 Cal File: eer004.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
1 Propene	41	3.115	3.115	(0.312)	2617	0.02000	0.027(aQ)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	11373	0.02000	0.018
3 Chlorodifluoromethane	51	3.222	3.222	(0.323)	6462	0.02000	0.024(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.409	3.415	(0.341)	11717	0.02000	0.019
5 Chloromethane	50	3.538	3.543	(0.354)	4452	0.02000	0.037(a)
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	3.763	3.757	(0.377)	3634	0.02000	0.021
8 1,3-Butadiene	54	3.827	3.827	(0.383)	2663	0.02000	0.023
9 Bromomethane	94	4.437	4.447	(0.444)	4477	0.02000	0.021
10 Chloroethane	64	4.651	4.656	(0.466)	2199	0.02000	0.024
12 Vinyl bromide	106	5.030	5.036	(0.504)	4655	0.02000	0.019(a)
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	17392	0.02000	0.019
15 Ethanol	45	5.811	5.828	(0.582)	1411	0.04000	0.040(a)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.628)	12571	0.02000	0.021(a)

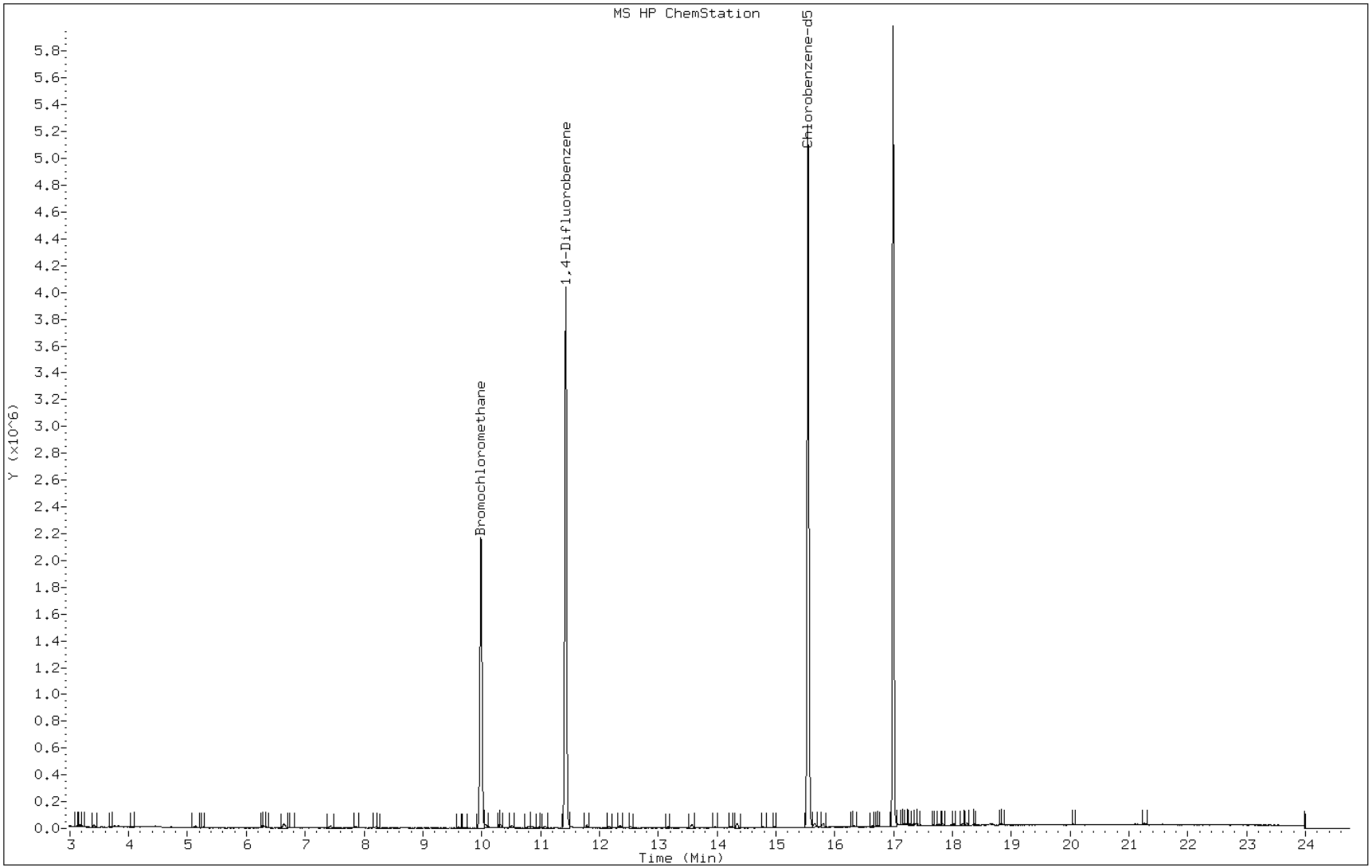
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.336	6.341	(0.634)	5095	0.02000	0.019
	20 Acetone	43	6.646	6.646	(0.665)	58645	0.02000	0.19(a)
	23 Carbon disulfide	76	6.785	6.780	(0.679)	13211	0.02000	0.020(a)
	21 Isopropanol	45	Compound Not Detected.					
	22 Allyl chloride	41	7.138	7.138	(0.715)	5558	0.02000	0.027
	25 Methylene chloride	49	7.422	7.433	(0.743)	9646	0.02000	0.043(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.786)	7205	0.02000	0.019
	28 Methyl tert-butyl ether	73	7.951	7.946	(0.796)	10385	0.02000	0.018
	30 n-Hexane	57	8.208	8.203	(0.822)	6320	0.02000	0.020
	31 1,1-Dichloroethane	63	8.668	8.658	(0.868)	8663	0.02000	0.020
	32 Vinyl acetate	43	8.722	8.716	(0.873)	3779	0.02000	0.015(a)
M	33 1,2-Dichloroethene, Total	61				12537	0.04000	0.039
	34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	5332	0.02000	0.020
	38 Methyl Ethyl Ketone	43	9.706	9.695	(0.972)	9438	0.02000	0.019(a)
	35 Ethyl acetate	88	Compound Not Detected.					
*	36 Bromochloromethane	128	9.990	9.990	(1.000)	864139	2.00000	
	37 Tetrahydrofuran	42	10.097	10.086	(0.883)	3266	0.02000	0.026(a)
	39 Chloroform	83	10.070	10.075	(1.008)	12716	0.02000	0.020
	40 Cyclohexane	84	10.305	10.305	(0.902)	7206	0.02000	0.019
	41 1,1,1-Trichloroethane	97	10.316	10.316	(0.903)	15773	0.02000	0.020
	42 Carbon tetrachloride	117	10.508	10.514	(0.919)	17588	0.02000	0.019
	43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	18834	0.02000	0.020
	44 Benzene	78	10.856	10.851	(0.950)	14206	0.02000	0.020
	45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	8300	0.02000	0.022(M)
	46 n-Heptane	43	11.065	11.076	(0.968)	6235	0.02000	0.021
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4227987	2.00000	
	49 Trichloroethene	95	11.787	11.782	(1.031)	8217	0.02000	0.021
	50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	4005	0.02000	0.020(Q)
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	12.536	12.531	(1.097)	10740	0.02000	0.019
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	5740	0.02000	0.018
	56 Methyl isobutyl ketone	43	13.387	13.403	(1.171)	2141	0.02000	0.016(a)
	58 Toluene	92	13.585	13.579	(0.874)	9225	0.02000	0.020
	59 1,3-Dichloropropene (trans)	75	13.970	13.959	(1.222)	5475	0.02000	0.019
	60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	4166	0.02000	0.020
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	13143	0.02000	0.021
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	14.788	14.778	(0.951)	8756	0.02000	0.018
	64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	7324	0.02000	0.019
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3732596	2.00000	
	66 Chlorobenzene	112	15.585	15.585	(1.003)	12665	0.02000	0.020(aQ)
	67 Ethylbenzene	91	15.655	15.650	(1.007)	15146	0.02000	0.017
	69 Xylene (m,p)	106	15.794	15.799	(1.016)	9906	0.04000	0.033
M	70 Xylene, Total	106				14327	0.06000	0.048
	71 Xylene (o)	106	16.313	16.318	(1.050)	4421	0.02000	0.015(Q)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	3334	0.02000	0.015(Q)
73 Bromoform	173	16.639	16.634	(1.071)	5076	0.02000	0.016
74 Isopropylbenzene	105	16.736	16.730	(1.077)	10177	0.02000	0.012(a)
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	3886	0.02000	0.016
76 n-Propylbenzene	91	17.217	17.212	(1.108)	9632	0.02000	0.013(aQ)
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	7985	0.02000	0.014
80 2-Chlorotoluene	91	17.383	17.378	(1.118)	11557	0.02000	0.016(aQ)
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	8196	0.02000	0.017(a)
83 tert-butylbenzene	119	17.773	17.774	(1.144)	7221	0.02000	0.014(a)
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	6384	0.02000	0.014(a)
85 sec-Butylbenzene	105	18.030	18.025	(1.160)	9888	0.02000	0.016(a)
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	8953	0.02000	0.018(a)
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	8370	0.02000	0.022(a)
88 1,4-Dichlorobenzene	146	18.367	18.362	(1.182)	7642	0.02000	0.020(a)
89 Benzyl chloride	91	18.522	18.512	(1.192)	4027	0.02000	0.020(a)
91 n-Butylbenzene	91	18.677	18.672	(1.202)	7525	0.02000	0.019(a)
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	7225	0.02000	0.022(a)
94 1,2,4-Trichlorobenzene	179	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	3749	0.02000	0.027(a)
96 Naphthalene	128	21.582	21.582	(1.389)	5843	0.02000	0.024(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eer004.d	Date:	04-JAN-2012 19:37
Client ID:	ic 273310	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273310		
Lab Sample ID:	ic 273310		



Manual Integration Report

Data File: eer004.d
Lab Sample ID: ic 273310
Inj. Date and Time: 04-JAN-2012 19:37
Instrument ID: E.i
Client ID: ic 273310
Compound: 45 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 01/12/2012

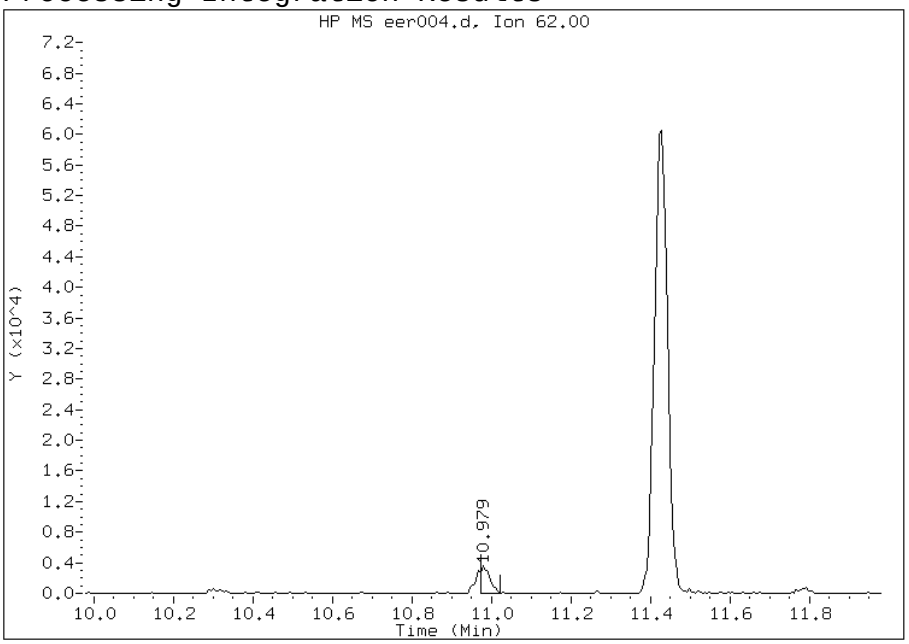
Processing Integration Results

RT: 10.98

Response: 5524

Amount: 0.015557

Conc: 0.015557



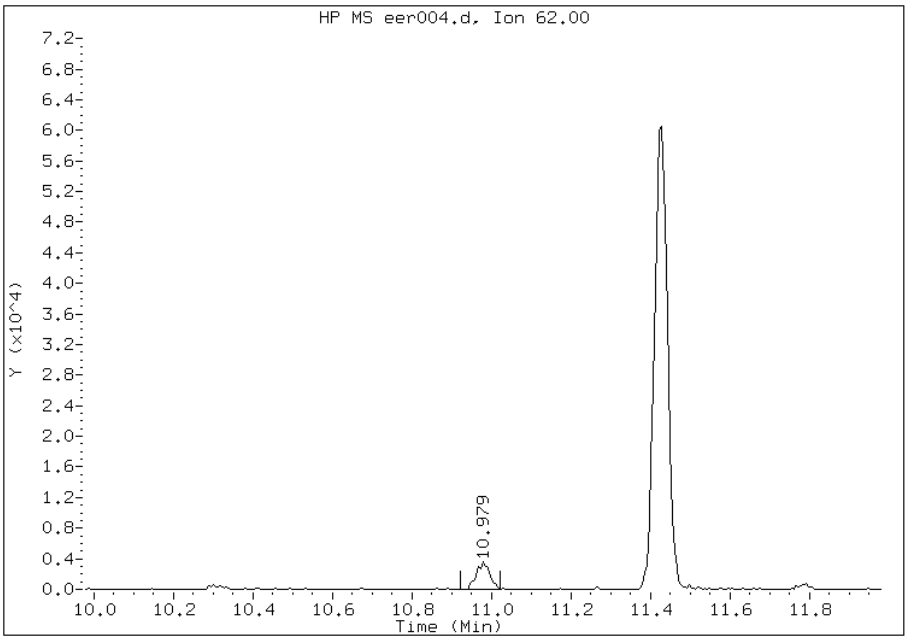
Manual Integration Results

RT: 10.98

Response: 8300

Amount: 0.021945

Conc: 0.021945



File Uploaded By: jd1
Manual Integration Reason: Poor chromatography

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer005.d
Lab Smp Id: ic 273310 Client Smp ID: ic 273310
Inj Date : 04-JAN-2012 20:32
Operator : wrd Inst ID: E.i
Smp Info : ic 273310
Misc Info : 500,1,level 3
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 20:32 Cal File: eer005.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.110	3.115	(0.311)	5203	0.04000	0.057(aQ)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.317)	28587	0.04000	0.048
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	13278	0.04000	0.051(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.410	3.415	(0.341)	26132	0.04000	0.046
5 Chloromethane	50	3.538	3.543	(0.354)	8121	0.04000	0.071(a)
6 Butane	43	3.720	3.720	(0.373)	10222	0.04000	0.055(a)
7 Vinyl chloride	62	3.763	3.757	(0.377)	8390	0.04000	0.051
8 1,3-Butadiene	54	3.821	3.827	(0.383)	5397	0.04000	0.048
9 Bromomethane	94	4.442	4.447	(0.445)	9631	0.04000	0.048
10 Chloroethane	64	4.651	4.656	(0.466)	4254	0.04000	0.048
12 Vinyl bromide	106	5.041	5.036	(0.505)	12020	0.04000	0.052
13 Trichlorofluoromethane	101	5.137	5.138	(0.515)	40141	0.04000	0.046
15 Ethanol	45	5.795	5.828	(0.580)	4392	0.10000	0.13
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	27299	0.04000	0.048

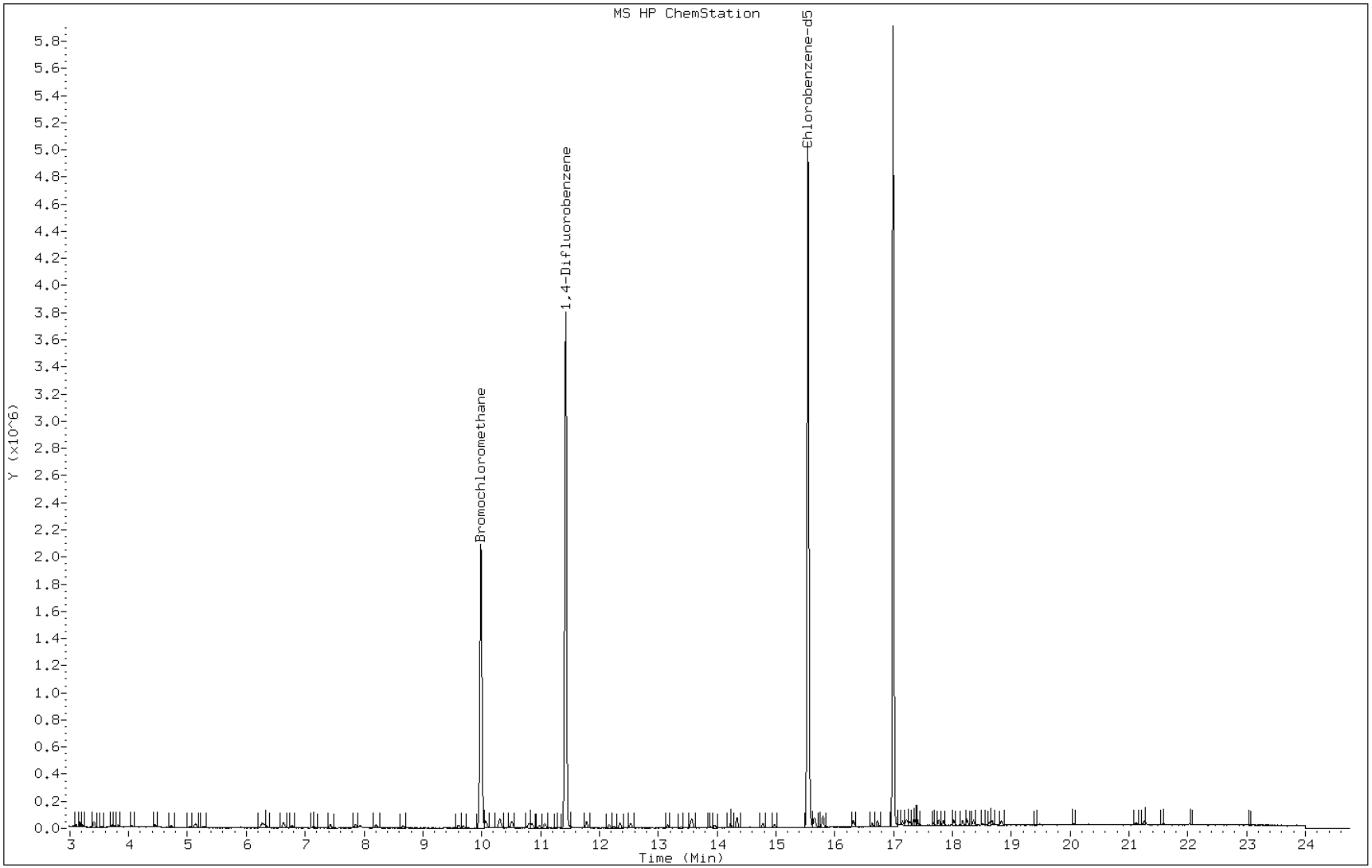
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
19	1,1-Dichloroethene	96	6.330	6.341	(0.634)	12013	0.04000	0.048
20	Acetone	43	6.630	6.646	(0.664)	77314	0.04000	0.26(a)
23	Carbon disulfide	76	6.780	6.780	(0.679)	30698	0.04000	0.048(a)
21	Isopropanol	45	Compound Not Detected.					
22	Allyl chloride	41	7.133	7.138	(0.714)	9188	0.04000	0.047
25	Methylene chloride	49	7.427	7.433	(0.744)	14976	0.04000	0.070(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	17074	0.04000	0.048
28	Methyl tert-butyl ether	73	7.935	7.946	(0.795)	28825	0.04000	0.052
30	n-Hexane	57	8.208	8.203	(0.822)	15149	0.04000	0.050
31	1,1-Dichloroethane	63	8.652	8.658	(0.867)	20905	0.04000	0.051
32	Vinyl acetate	43	8.716	8.716	(0.873)	12067	0.04000	0.051(a)
M 33	1,2-Dichloroethene, Total	61				30227	0.08000	0.10
34	1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	13153	0.04000	0.052
38	Methyl Ethyl Ketone	43	9.690	9.695	(0.971)	24555	0.04000	0.053(a)
35	Ethyl acetate	88	Compound Not Detected.					
* 36	Bromochloromethane	128	9.984	9.990	(1.000)	822342	2.00000	
37	Tetrahydrofuran	42	10.075	10.086	(0.882)	8165	0.04000	0.068(a)
39	Chloroform	83	10.075	10.075	(1.009)	29254	0.04000	0.049
40	Cyclohexane	84	10.311	10.305	(0.902)	16736	0.04000	0.046
41	1,1,1-Trichloroethane	97	10.305	10.316	(0.902)	36711	0.04000	0.048
42	Carbon tetrachloride	117	10.514	10.514	(0.920)	41378	0.04000	0.047
43	2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	47266	0.04000	0.051
44	Benzene	78	10.856	10.851	(0.950)	32395	0.04000	0.047
45	1,2-Dichloroethane	62	10.985	10.979	(0.961)	17662	0.04000	0.049
46	n-Heptane	43	11.076	11.076	(0.969)	14486	0.04000	0.051
* 47	1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4061138	2.00000	
49	Trichloroethene	95	11.782	11.782	(1.031)	18701	0.04000	0.049
50	1,2-Dichloropropane	63	12.162	12.162	(1.064)	9592	0.04000	0.051
51	Methyl methacrylate	69	12.242	12.253	(1.071)	4485	0.04000	0.039(aQ)
53	1,4-Dioxane	88	12.440	12.451	(1.088)	2348	0.04000	0.047(a)
54	Bromodichloromethane	83	12.531	12.531	(1.096)	26065	0.04000	0.049
55	1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	15379	0.04000	0.052
56	Methyl isobutyl ketone	43	13.381	13.403	(1.171)	6841	0.04000	0.052(a)
58	Toluene	92	13.579	13.579	(0.874)	22270	0.04000	0.049
59	1,3-Dichloropropene (trans)	75	13.964	13.959	(1.222)	13374	0.04000	0.048
60	1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	10394	0.04000	0.053
61	Tetrachloroethene	166	14.344	14.344	(0.923)	30099	0.04000	0.050
62	2-Hexanone	43	14.558	14.564	(0.937)	3534	0.04000	0.035(a)
63	Dibromochloromethane	129	14.772	14.778	(0.950)	21680	0.04000	0.047
64	1,2-Dibromoethane	107	14.976	14.976	(0.964)	19291	0.04000	0.051
* 65	Chlorobenzene-d5	117	15.543	15.543	(1.000)	3629856	2.00000	
66	Chlorobenzene	112	15.580	15.585	(1.002)	33218	0.04000	0.054(Q)
67	Ethylbenzene	91	15.650	15.650	(1.007)	43757	0.04000	0.051
69	Xylene (m,p)	106	15.805	15.799	(1.017)	28818	0.08000	0.098
M 70	Xylene, Total	106				43073	0.12000	0.15
71	Xylene (o)	106	16.313	16.318	(1.050)	14255	0.04000	0.050

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.340	16.345	(1.051)	8567	0.04000	0.041(Q)
73 Bromoform	173	16.639	16.634	(1.071)	14919	0.04000	0.048
74 Isopropylbenzene	105	16.730	16.730	(1.076)	33123	0.04000	0.041
75 1,1,2,2-Tetrachloroethane	83	17.158	17.153	(1.104)	12035	0.04000	0.052
76 n-Propylbenzene	91	17.212	17.212	(1.107)	32035	0.04000	0.043
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	29353	0.04000	0.054
80 2-Chlorotoluene	91	17.372	17.378	(1.118)	34286	0.04000	0.048
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	24334	0.04000	0.052
83 tert-butylbenzene	119	17.779	17.774	(1.144)	24378	0.04000	0.050
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	21838	0.04000	0.050
85 sec-Butylbenzene	105	18.020	18.025	(1.159)	31215	0.04000	0.051
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	24567	0.04000	0.052
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	19360	0.04000	0.051
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	20991	0.04000	0.056
89 Benzyl chloride	91	18.512	18.512	(1.191)	10565	0.04000	0.053
91 n-Butylbenzene	91	18.672	18.672	(1.201)	20903	0.04000	0.055
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	17330	0.04000	0.054
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	7036	0.04000	0.058(a)
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	7628	0.04000	0.057
96 Naphthalene	128	21.572	21.582	(1.388)	6602	0.04000	0.028(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	eer005.d	Date:	04-JAN-2012 20:32
Client ID:	ic 273310	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273310		
Lab Sample ID:	ic 273310		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer006.d
Lab Smp Id: ic 273311 Client Smp ID: ic 273311
Inj Date : 04-JAN-2012 21:26
Operator : wrd Inst ID: E.i
Smp Info : ic 273311
Misc Info : 250,1,level 4
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:14 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 21:26 Cal File: eer006.d
Als bottle: 2 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	250.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.105	3.115	(0.311)	9795	0.10000	0.11
2 Dichlorodifluoromethane	85	3.163	3.174	(0.317)	58290	0.10000	0.099
3 Chlorodifluoromethane	51	3.212	3.222	(0.322)	27505	0.10000	0.11
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	54358	0.10000	0.095
5 Chloromethane	50	3.533	3.543	(0.354)	12461	0.10000	0.11
6 Butane	43	3.709	3.720	(0.371)	19219	0.10000	0.10
7 Vinyl chloride	62	3.752	3.757	(0.376)	15068	0.10000	0.093
8 1,3-Butadiene	54	3.816	3.827	(0.382)	10588	0.10000	0.096
9 Bromomethane	94	4.437	4.447	(0.444)	19349	0.10000	0.097
10 Chloroethane	64	4.656	4.656	(0.466)	8493	0.10000	0.096
12 Vinyl bromide	106	5.030	5.036	(0.504)	22220	0.10000	0.097
13 Trichlorofluoromethane	101	5.127	5.138	(0.513)	84632	0.10000	0.097
15 Ethanol	45	5.785	5.828	(0.579)	6757	0.20000	0.20
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	56826	0.10000	0.10

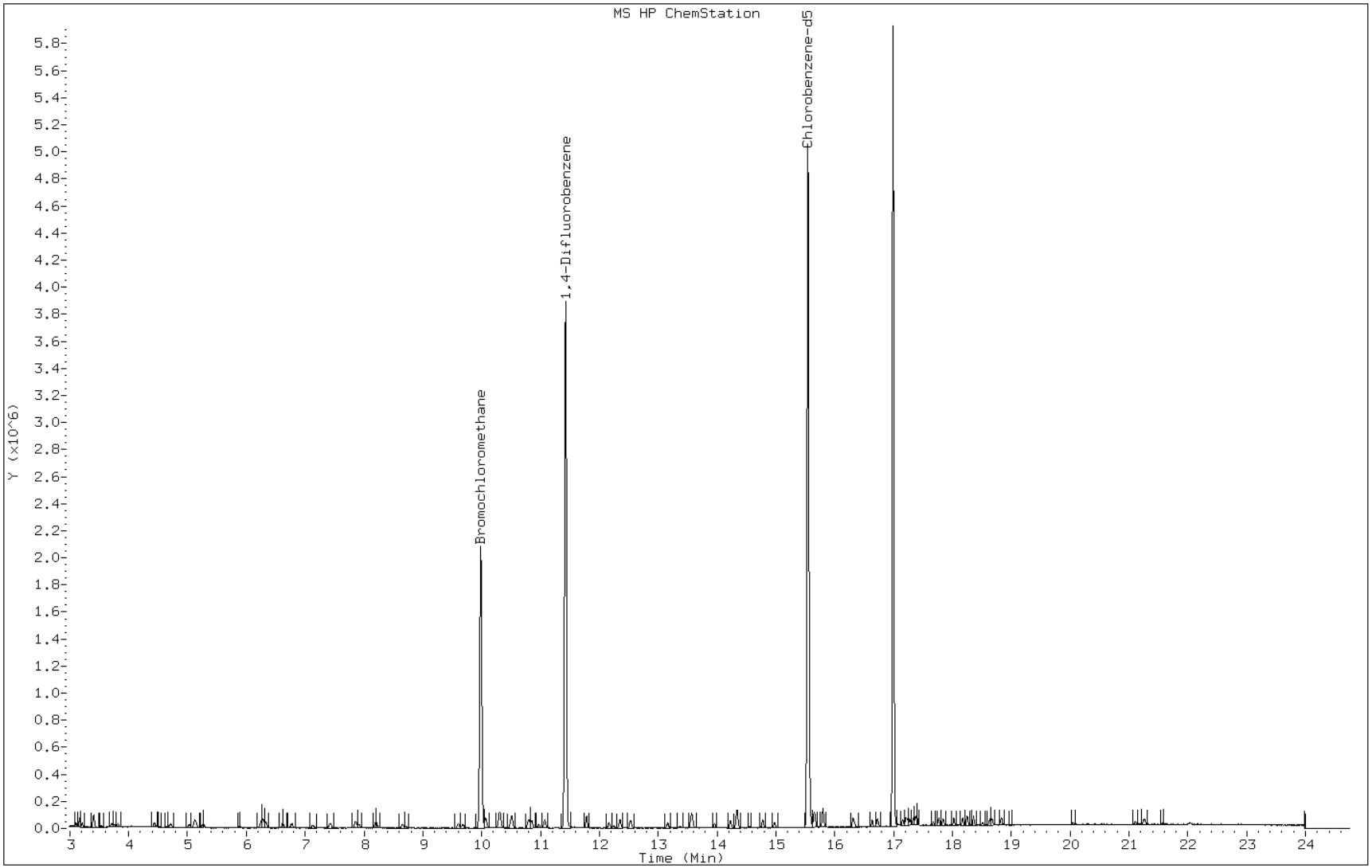
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.325	6.341	(0.634)	22680	0.10000	0.091
	20 Acetone	43	6.619	6.646	(0.663)	70347	0.10000	0.24(a)
	23 Carbon disulfide	76	6.774	6.780	(0.678)	62771	0.10000	0.099(a)
	21 Isopropanol	45	6.956	7.021	(0.697)	6690	0.10000	0.096(aQM)
	22 Allyl chloride	41	7.128	7.138	(0.714)	16287	0.10000	0.084
	25 Methylene chloride	49	7.416	7.433	(0.743)	24739	0.10000	0.12
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 1,2-Dichloroethene (trans)	61	7.850	7.861	(0.786)	32662	0.10000	0.093
	28 Methyl tert-butyl ether	73	7.898	7.946	(0.791)	49745	0.10000	0.090
	30 n-Hexane	57	8.197	8.203	(0.821)	29138	0.10000	0.097
	31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	36096	0.10000	0.089
	32 Vinyl acetate	43	8.706	8.716	(0.872)	21223	0.10000	0.090(a)
M	33 1,2-Dichloroethene, Total	61				54213	0.20000	0.18
	34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	21551	0.10000	0.086
	38 Methyl Ethyl Ketone	43	9.679	9.695	(0.969)	38992	0.10000	0.085(a)
	35 Ethyl acetate	88	9.701	9.695	(0.972)	1244	0.10000	0.090(aQM)
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	816088	2.00000	
	37 Tetrahydrofuran	42	10.059	10.086	(0.881)	11358	0.10000	0.094(a)
	39 Chloroform	83	10.075	10.075	(1.009)	52555	0.10000	0.089
	40 Cyclohexane	84	10.300	10.305	(0.902)	33775	0.10000	0.093
	41 1,1,1-Trichloroethane	97	10.311	10.316	(0.903)	70772	0.10000	0.094
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	82722	0.10000	0.094
	43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.946)	82638	0.10000	0.090
	44 Benzene	78	10.851	10.851	(0.950)	55543	0.10000	0.081
	45 1,2-Dichloroethane	62	10.969	10.979	(0.960)	30455	0.10000	0.084
	46 n-Heptane	43	11.065	11.076	(0.969)	25599	0.10000	0.091
*	47 1,4-Difluorobenzene	114	11.423	11.429	(1.000)	4040606	2.00000	
	49 Trichloroethene	95	11.776	11.782	(1.031)	34180	0.10000	0.090
	50 1,2-Dichloropropane	63	12.172	12.162	(1.066)	16854	0.10000	0.090
	51 Methyl methacrylate	69	12.247	12.253	(1.072)	6319	0.10000	0.055(aM)
	53 1,4-Dioxane	88	12.418	12.451	(1.087)	3726	0.10000	0.074(a)
	54 Bromodichloromethane	83	12.531	12.531	(1.097)	44186	0.10000	0.084
	55 1,3-Dichloropropene (cis)	75	13.157	13.162	(1.152)	25135	0.10000	0.085
	56 Methyl isobutyl ketone	43	13.376	13.403	(1.171)	8984	0.10000	0.068(a)
	58 Toluene	92	13.579	13.579	(0.874)	38890	0.10000	0.087
	59 1,3-Dichloropropene (trans)	75	13.954	13.959	(1.222)	22592	0.10000	0.082
	60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	17021	0.10000	0.087
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	53386	0.10000	0.090
	62 2-Hexanone	43	14.532	14.564	(0.935)	7250	0.10000	0.072(a)
	63 Dibromochloromethane	129	14.778	14.778	(0.951)	38959	0.10000	0.085
	64 1,2-Dibromoethane	107	14.976	14.976	(0.964)	30138	0.10000	0.081
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3594603	2.00000	
	66 Chlorobenzene	112	15.580	15.585	(1.002)	57938	0.10000	0.095(Q)
	67 Ethylbenzene	91	15.650	15.650	(1.007)	72044	0.10000	0.085
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	47197	0.20000	0.16
M	70 Xylene, Total	106				68618	0.30000	0.24
	71 Xylene (o)	106	16.313	16.318	(1.050)	21421	0.10000	0.077

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	13423	0.10000	0.065
73 Bromoform	173	16.639	16.634	(1.071)	24769	0.10000	0.080
74 Isopropylbenzene	105	16.730	16.730	(1.076)	47316	0.10000	0.060
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	17609	0.10000	0.077
76 n-Propylbenzene	91	17.206	17.212	(1.107)	44912	0.10000	0.062
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	38781	0.10000	0.072
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	47664	0.10000	0.067
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	32004	0.10000	0.068
83 tert-butylbenzene	119	17.773	17.774	(1.144)	31598	0.10000	0.066
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	29980	0.10000	0.069
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	43310	0.10000	0.071
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	33611	0.10000	0.071
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	32078	0.10000	0.086
88 1,4-Dichlorobenzene	146	18.357	18.362	(1.181)	31592	0.10000	0.085
89 Benzyl chloride	91	18.512	18.512	(1.191)	15049	0.10000	0.076
91 n-Butylbenzene	91	18.667	18.672	(1.201)	30619	0.10000	0.081
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	28520	0.10000	0.090
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	10967	0.10000	0.091(a)
95 1,3-Hexachlorobutadiene	225	21.272	21.262	(1.369)	12201	0.10000	0.092
96 Naphthalene	128	21.572	21.582	(1.388)	19279	0.10000	0.084(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	eer006.d	Date:	04-JAN-2012 21:26
Client ID:	ic 273311	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273311		
Lab Sample ID:	ic 273311		



Manual Integration Report

Data File: eer006.d
Lab Sample ID: ic 273311
Inj. Date and Time: 04-JAN-2012 21:26
Instrument ID: E.i
Client ID: ic 273311
Compound: 51 Methyl methacrylate
CAS #: 80-62-6
Report Date: 01/12/2012

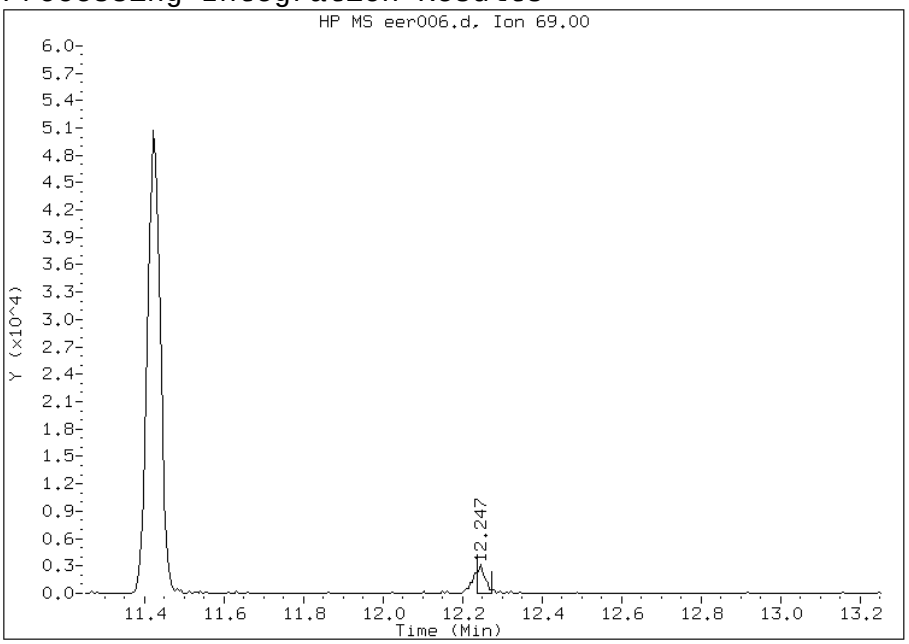
Processing Integration Results

RT: 12.25

Response: 4283

Amount: 0.038289

Conc: 0.038289



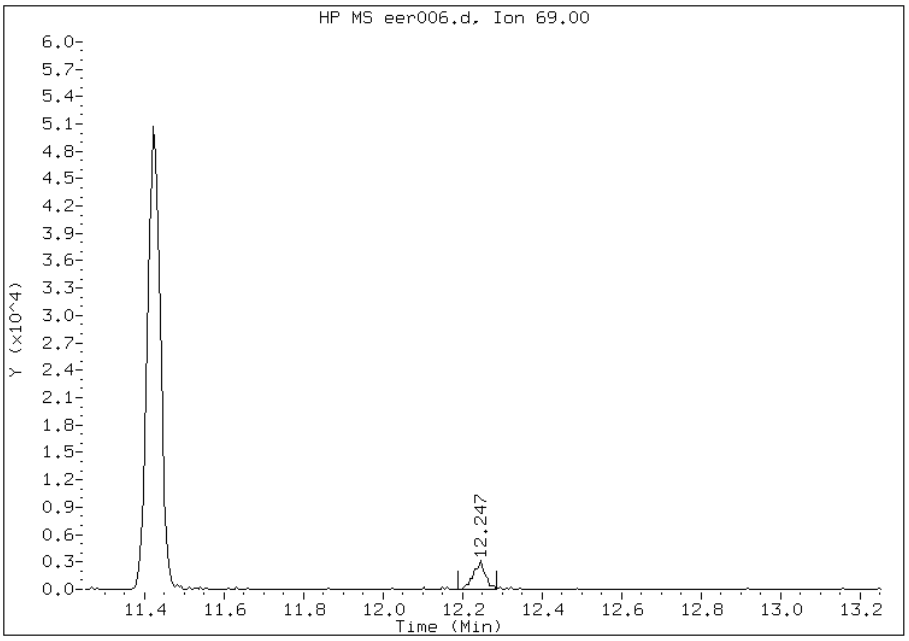
Manual Integration Results

RT: 12.25

Response: 6319

Amount: 0.055058

Conc: 0.055058



File Uploaded By: jd1
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: eer006.d
Lab Sample ID: ic 273311
Inj. Date and Time: 04-JAN-2012 21:26
Instrument ID: E.i
Client ID: ic 273311
Compound: 21 Isopropanol
CAS #: 67-63-0
Report Date: 01/12/2012

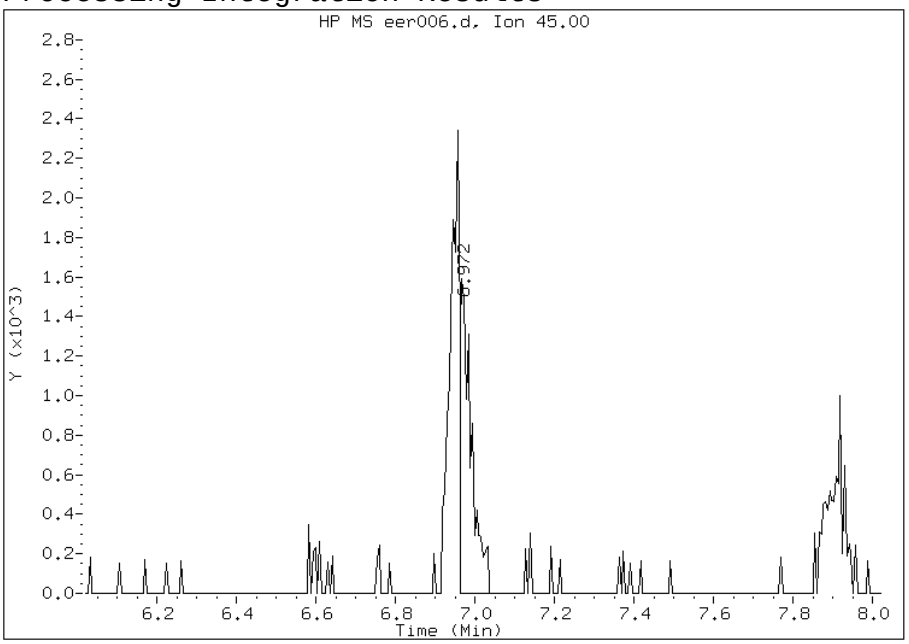
Processing Integration Results

RT: 6.97

Response: 3249

Amount: 0.080625

Conc: 0.080625



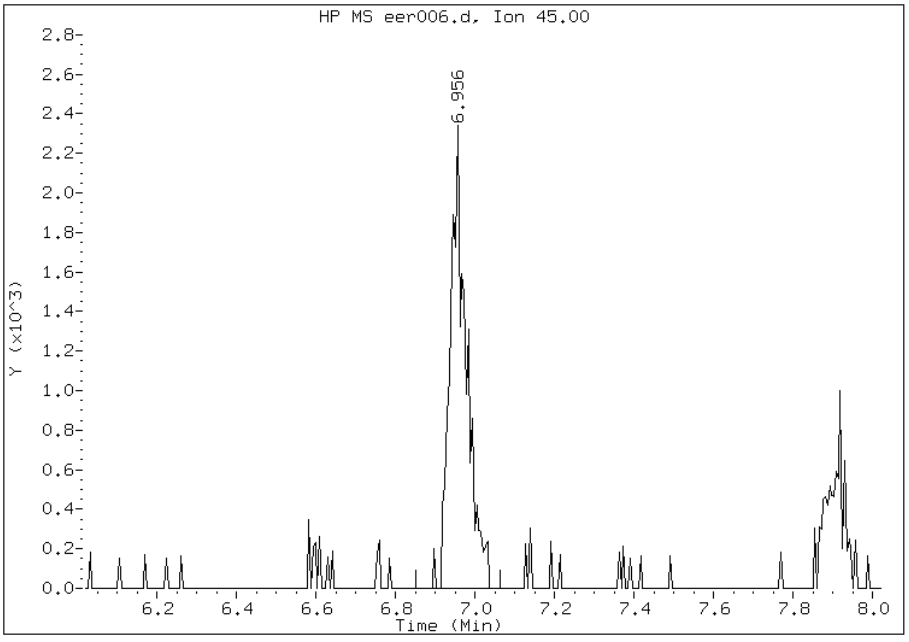
Manual Integration Results

RT: 6.96

Response: 6690

Amount: 0.096506

Conc: 0.096506



File Uploaded By: jd1
Manual Integration Reason: Baseline event

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer007.d
Lab Smp Id: icis 273311 Client Smp ID: icis 273311
Inj Date : 04-JAN-2012 22:21
Operator : wrd Inst ID: E.i
Smp Info : icis 273311
Misc Info : 500,1,level 5
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 22:21 Cal File: eer007.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.115	3.115	(0.312)	18264	0.20000	0.20
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	115667	0.20000	0.20
3 Chlorodifluoromethane	51	3.222	3.222	(0.323)	50076	0.20000	0.20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.415	3.415	(0.342)	107935	0.20000	0.19
5 Chloromethane	50	3.543	3.543	(0.355)	23909	0.20000	0.21
6 Butane	43	3.720	3.720	(0.372)	35815	0.20000	0.20
7 Vinyl chloride	62	3.757	3.757	(0.376)	29973	0.20000	0.19
8 1,3-Butadiene	54	3.827	3.827	(0.383)	20308	0.20000	0.19
9 Bromomethane	94	4.447	4.447	(0.445)	38394	0.20000	0.20
10 Chloroethane	64	4.656	4.656	(0.466)	15911	0.20000	0.18
12 Vinyl bromide	106	5.036	5.036	(0.504)	41868	0.20000	0.19
13 Trichlorofluoromethane	101	5.138	5.138	(0.514)	162549	0.20000	0.19
15 Ethanol	45	5.828	5.828	(0.583)	11350	0.40000	0.34
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.282	6.282	(0.629)	105067	0.20000	0.19

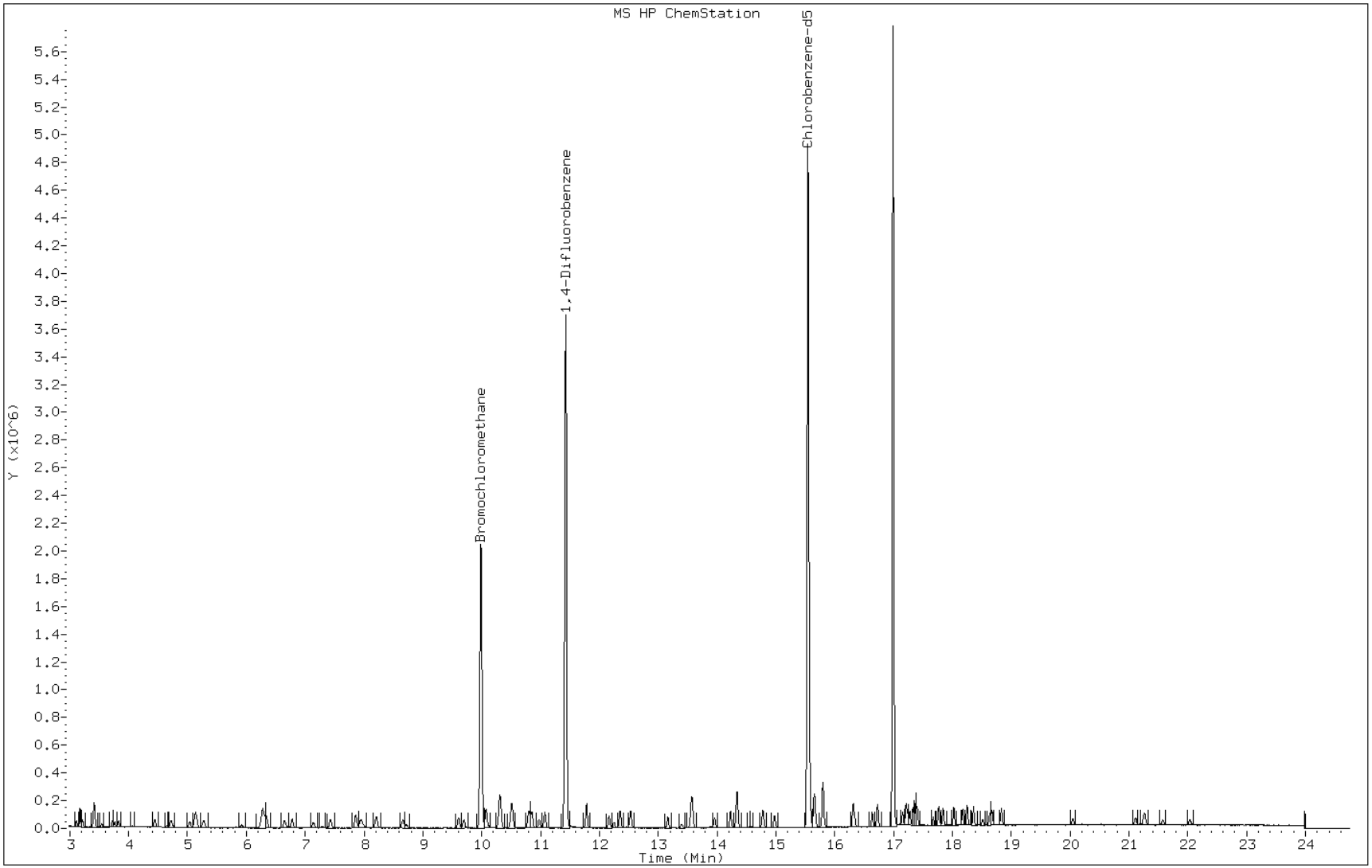
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	45185	0.20000	0.18
	20 Acetone	43	6.646	6.646	(0.665)	101157	0.20000	0.36(a)
	23 Carbon disulfide	76	6.780	6.780	(0.679)	124485	0.20000	0.20
	21 Isopropanol	45	7.021	7.021	(0.703)	9489	0.20000	0.14
	22 Allyl chloride	41	7.138	7.138	(0.715)	32712	0.20000	0.17
	25 Methylene chloride	49	7.433	7.433	(0.744)	42989	0.20000	0.20
	26 Tert-butyl alcohol	59	7.855	7.855	(0.786)	14782	0.20000	0.17(a)
	27 1,2-Dichloroethene (trans)	61	7.861	7.861	(0.787)	63595	0.20000	0.18
	28 Methyl tert-butyl ether	73	7.946	7.946	(0.795)	111333	0.20000	0.20
	30 n-Hexane	57	8.203	8.203	(0.821)	55087	0.20000	0.19
	31 1,1-Dichloroethane	63	8.658	8.658	(0.867)	71968	0.20000	0.18
	32 Vinyl acetate	43	8.716	8.716	(0.873)	47676	0.20000	0.20
M	33 1,2-Dichloroethene, Total	61				106790	0.40000	0.36
	34 1,2-Dichloroethene (cis)	96	9.605	9.605	(0.961)	43195	0.20000	0.18
	38 Methyl Ethyl Ketone	43	9.695	9.695	(0.971)	92825	0.20000	0.20
	35 Ethyl acetate	88	9.695	9.695	(0.971)	2734	0.20000	0.20
*	36 Bromochloromethane	128	9.990	9.990	(1.000)	804710	2.00000	
	37 Tetrahydrofuran	42	10.086	10.086	(0.882)	25127	0.20000	0.22
	39 Chloroform	83	10.075	10.075	(1.009)	105297	0.20000	0.18
	40 Cyclohexane	84	10.305	10.305	(0.902)	67496	0.20000	0.19
	41 1,1,1-Trichloroethane	97	10.316	10.316	(0.903)	138949	0.20000	0.19
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	164874	0.20000	0.19
	43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	167235	0.20000	0.19
	44 Benzene	78	10.851	10.851	(0.949)	120395	0.20000	0.18
	45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	67107	0.20000	0.19
	46 n-Heptane	43	11.076	11.076	(0.969)	51868	0.20000	0.19
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	3926162	2.00000	
	49 Trichloroethene	95	11.782	11.782	(1.031)	66725	0.20000	0.18
	50 1,2-Dichloropropane	63	12.162	12.162	(1.064)	34294	0.20000	0.19
	51 Methyl methacrylate	69	12.253	12.253	(1.072)	19202	0.20000	0.17
	53 1,4-Dioxane	88	12.451	12.451	(1.089)	7689	0.20000	0.16
	54 Bromodichloromethane	83	12.531	12.531	(1.096)	98587	0.20000	0.19
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	54122	0.20000	0.19
	56 Methyl isobutyl ketone	43	13.403	13.403	(1.173)	22435	0.20000	0.18
	58 Toluene	92	13.579	13.579	(0.874)	85496	0.20000	0.20
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	49929	0.20000	0.19
	60 1,1,2-Trichloroethane	83	14.227	14.227	(0.915)	36465	0.20000	0.19
	61 Tetrachloroethene	166	14.344	14.344	(0.923)	103489	0.20000	0.18
	62 2-Hexanone	43	14.564	14.564	(0.937)	12701	0.20000	0.13
	63 Dibromochloromethane	129	14.778	14.778	(0.951)	89429	0.20000	0.20
	64 1,2-Dibromoethane	107	14.976	14.976	(0.964)	71222	0.20000	0.20
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3478570	2.00000	
	66 Chlorobenzene	112	15.585	15.585	(1.003)	121613	0.20000	0.20
	67 Ethylbenzene	91	15.650	15.650	(1.007)	165145	0.20000	0.20
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	119347	0.40000	0.42
M	70 Xylene, Total	106				174246	0.60000	0.62
	71 Xylene (o)	106	16.318	16.318	(1.050)	54899	0.20000	0.20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	37034	0.20000	0.18
73 Bromoform	173	16.634	16.634	(1.070)	56436	0.20000	0.19
74 Isopropylbenzene	105	16.730	16.730	(1.076)	130853	0.20000	0.17
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	41036	0.20000	0.19
76 n-Propylbenzene	91	17.212	17.212	(1.107)	119535	0.20000	0.17
79 4-Ethyltoluene	105	17.340	17.340	(1.116)	95088	0.20000	0.18
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	117793	0.20000	0.17
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	80600	0.20000	0.18
83 tert-butylbenzene	119	17.774	17.774	(1.144)	81378	0.20000	0.18
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	73912	0.20000	0.18
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	104484	0.20000	0.18
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	79149	0.20000	0.17
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	67199	0.20000	0.19
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	65996	0.20000	0.18
89 Benzyl chloride	91	18.512	18.512	(1.191)	33904	0.20000	0.18
91 n-Butylbenzene	91	18.672	18.672	(1.201)	65394	0.20000	0.18
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	59522	0.20000	0.19
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	24572	0.20000	0.21
95 1,3-Hexachlorobutadiene	225	21.262	21.262	(1.368)	24701	0.20000	0.19
96 Naphthalene	128	21.582	21.582	(1.389)	48126	0.20000	0.22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	eer007.d	Date:	04-JAN-2012 22:21
Client ID:	icis 273311	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	icis 273311		
Lab Sample ID:	icis 273311		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer008.d
Lab Smp Id: ic 273313 Client Smp ID: ic 273313
Inj Date : 04-JAN-2012 23:16
Operator : wrd Inst ID: E.i
Smp Info : ic 273313
Misc Info : 250,1,level 6
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 04-JAN-2012 23:16 Cal File: eer008.d
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	250.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.104	3.115	(0.311)	44525	0.50000	0.49
2 Dichlorodifluoromethane	85	3.169	3.174	(0.317)	290583	0.50000	0.49
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	131555	0.50000	0.51
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	274979	0.50000	0.48
5 Chloromethane	50	3.538	3.543	(0.354)	56577	0.50000	0.50
6 Butane	43	3.714	3.720	(0.372)	90513	0.50000	0.48
7 Vinyl chloride	62	3.757	3.757	(0.376)	75684	0.50000	0.46
8 1,3-Butadiene	54	3.821	3.827	(0.383)	49897	0.50000	0.45
9 Bromomethane	94	4.437	4.447	(0.444)	90873	0.50000	0.46
10 Chloroethane	64	4.651	4.656	(0.466)	39123	0.50000	0.44
12 Vinyl bromide	106	5.030	5.036	(0.504)	106293	0.50000	0.46
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	412567	0.50000	0.47
15 Ethanol	45	5.769	5.828	(0.578)	36710	1.00000	1.1(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.271	6.282	(0.628)	270349	0.50000	0.47

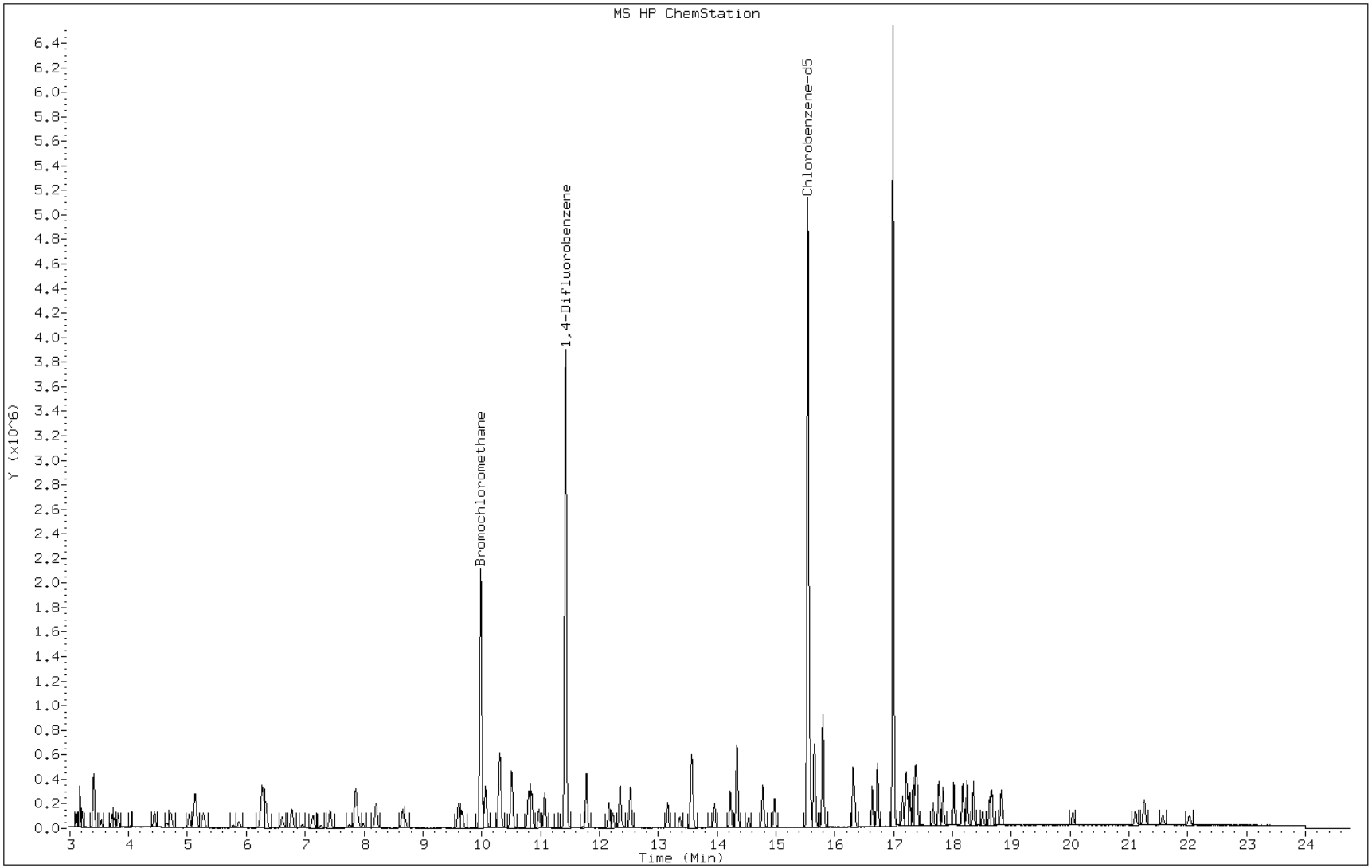
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.336	6.341	(0.635)	110643	0.50000	0.44
	20 Acetone	43	6.614	6.646	(0.662)	173746	0.50000	0.60
	23 Carbon disulfide	76	6.774	6.780	(0.678)	311727	0.50000	0.49
	21 Isopropanol	45	6.956	7.021	(0.697)	42726	0.50000	0.61(Q)
	22 Allyl chloride	41	7.133	7.138	(0.714)	85568	0.50000	0.44
	25 Methylene chloride	49	7.422	7.433	(0.743)	104699	0.50000	0.49
	26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	44873	0.50000	0.50(H)
	27 1,2-Dichloroethene (trans)	61	7.850	7.861	(0.786)	164170	0.50000	0.46
	28 Methyl tert-butyl ether	73	7.882	7.946	(0.789)	267286	0.50000	0.48
	30 n-Hexane	57	8.203	8.203	(0.822)	137772	0.50000	0.46
	31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	191110	0.50000	0.47
	32 Vinyl acetate	43	8.706	8.716	(0.872)	117535	0.50000	0.50
M	33 1,2-Dichloroethene, Total	61				279957	1.00000	0.92
	34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	115787	0.50000	0.46
	38 Methyl Ethyl Ketone	43	9.663	9.695	(0.968)	238976	0.50000	0.52
	35 Ethyl acetate	88	9.669	9.695	(0.968)	7274	0.50000	0.53
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	820601	2.00000	
	37 Tetrahydrofuran	42	10.048	10.086	(0.880)	60216	0.50000	0.50
	39 Chloroform	83	10.070	10.075	(1.009)	283360	0.50000	0.48
	40 Cyclohexane	84	10.305	10.305	(0.902)	168942	0.50000	0.46
	41 1,1,1-Trichloroethane	97	10.311	10.316	(0.903)	366691	0.50000	0.48
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	416656	0.50000	0.47
	43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	424107	0.50000	0.46
	44 Benzene	78	10.851	10.851	(0.950)	311701	0.50000	0.45
	45 1,2-Dichloroethane	62	10.969	10.979	(0.960)	175666	0.50000	0.48
	46 n-Heptane	43	11.070	11.076	(0.969)	132759	0.50000	0.47
*	47 1,4-Difluorobenzene	114	11.423	11.429	(1.000)	4046329	2.00000	
	49 Trichloroethene	95	11.776	11.782	(1.031)	183373	0.50000	0.48
	50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	87748	0.50000	0.47
	51 Methyl methacrylate	69	12.236	12.253	(1.071)	58324	0.50000	0.51
	53 1,4-Dioxane	88	12.392	12.451	(1.085)	26537	0.50000	0.53(H)
	54 Bromodichloromethane	83	12.531	12.531	(1.097)	267214	0.50000	0.50
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	145229	0.50000	0.49
	56 Methyl isobutyl ketone	43	13.365	13.403	(1.170)	67405	0.50000	0.51
	58 Toluene	92	13.579	13.579	(0.874)	215407	0.50000	0.47
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.222)	136315	0.50000	0.49
	60 1,1,2-Trichloroethane	83	14.226	14.227	(0.915)	97354	0.50000	0.49
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	267034	0.50000	0.44
	62 2-Hexanone	43	14.531	14.564	(0.935)	62421	0.50000	0.61(H)
	63 Dibromochloromethane	129	14.778	14.778	(0.951)	243943	0.50000	0.52
	64 1,2-Dibromoethane	107	14.975	14.976	(0.964)	195199	0.50000	0.51
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3663655	2.00000	
	66 Chlorobenzene	112	15.580	15.585	(1.002)	320347	0.50000	0.51
	67 Ethylbenzene	91	15.650	15.650	(1.007)	433785	0.50000	0.50
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	337270	1.00000	1.1
M	70 Xylene, Total	106				497845	1.50000	1.7
	71 Xylene (o)	106	16.313	16.318	(1.050)	160575	0.50000	0.56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.340	16.345	(1.051)	129451	0.50000	0.61
73 Bromoform	173	16.639	16.634	(1.071)	180895	0.50000	0.57
74 Isopropylbenzene	105	16.730	16.730	(1.076)	411275	0.50000	0.51
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	112881	0.50000	0.49
76 n-Propylbenzene	91	17.212	17.212	(1.107)	343070	0.50000	0.46
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	276968	0.50000	0.50
80 2-Chlorotoluene	91	17.372	17.378	(1.118)	356262	0.50000	0.49
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	219885	0.50000	0.46
83 tert-butylbenzene	119	17.768	17.774	(1.143)	221227	0.50000	0.45
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	201258	0.50000	0.46
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	283176	0.50000	0.46
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	233113	0.50000	0.48
87 1,3-Dichlorobenzene	146	18.249	18.250	(1.174)	181290	0.50000	0.48
88 1,4-Dichlorobenzene	146	18.356	18.362	(1.181)	181313	0.50000	0.48
89 Benzyl chloride	91	18.512	18.512	(1.191)	97104	0.50000	0.48
91 n-Butylbenzene	91	18.667	18.672	(1.201)	183652	0.50000	0.48
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	152401	0.50000	0.47
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	56675	0.50000	0.46
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	62154	0.50000	0.46
96 Naphthalene	128	21.577	21.582	(1.388)	110977	0.50000	0.47

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	eer008.d	Date:	04-JAN-2012 23:16
Client ID:	ic 273313	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273313		
Lab Sample ID:	ic 273313		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer009.d
Lab Smp Id: ic 273313 Client Smp ID: ic 273313
Inj Date : 05-JAN-2012 00:10
Operator : wrd Inst ID: E.i
Smp Info : ic 273313
Misc Info : 375,1,level 7
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 00:10 Cal File: eer009.d
Als bottle: 4 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	375.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.110	3.115	(0.311)	64994	0.75000	0.70
2 Dichlorodifluoromethane	85	3.169	3.174	(0.317)	442250	0.75000	0.73
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	192620	0.75000	0.73
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	398999	0.75000	0.68
5 Chloromethane	50	3.538	3.543	(0.354)	79955	0.75000	0.69
6 Butane	43	3.714	3.720	(0.372)	137702	0.75000	0.72
7 Vinyl chloride	62	3.757	3.757	(0.376)	110361	0.75000	0.66
8 1,3-Butadiene	54	3.821	3.827	(0.383)	72101	0.75000	0.63
9 Bromomethane	94	4.437	4.447	(0.444)	135507	0.75000	0.66
10 Chloroethane	64	4.656	4.656	(0.466)	57176	0.75000	0.63
12 Vinyl bromide	106	5.030	5.036	(0.504)	158240	0.75000	0.68
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	607653	0.75000	0.68
15 Ethanol	45	5.774	5.828	(0.578)	39974	1.50000	1.2(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.272	6.282	(0.628)	400683	0.75000	0.69

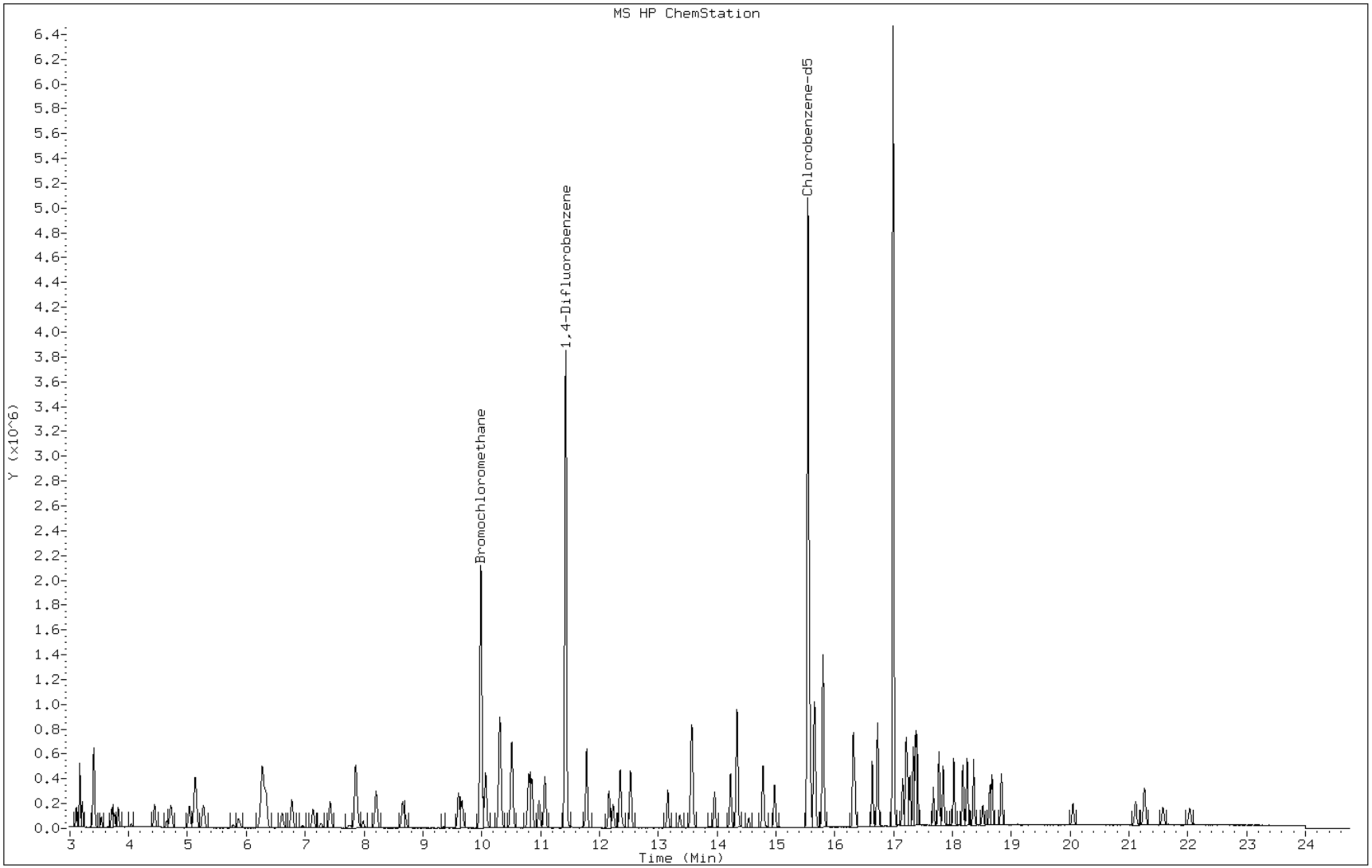
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	167418	0.75000	0.66
	20 Acetone	43	6.609	6.646	(0.662)	239763	0.75000	0.81
	23 Carbon disulfide	76	6.774	6.780	(0.678)	462436	0.75000	0.71
	21 Isopropanol	45	6.951	7.021	(0.696)	32616	0.75000	0.46(Q)
	22 Allyl chloride	41	7.138	7.138	(0.715)	122966	0.75000	0.62
	25 Methylene chloride	49	7.432	7.433	(0.744)	151088	0.75000	0.69
	26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	42062	0.75000	0.46(QH)
	27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	243665	0.75000	0.67
	28 Methyl tert-butyl ether	73	7.871	7.946	(0.788)	409217	0.75000	0.72
	30 n-Hexane	57	8.203	8.203	(0.822)	213004	0.75000	0.69
	31 1,1-Dichloroethane	63	8.652	8.658	(0.867)	270894	0.75000	0.65
	32 Vinyl acetate	43	8.706	8.716	(0.872)	188369	0.75000	0.78
M	33 1,2-Dichloroethene, Total	61				408049	1.50000	1.3
	34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	164384	0.75000	0.64
	38 Methyl Ethyl Ketone	43	9.663	9.695	(0.968)	360607	0.75000	0.76
	35 Ethyl acetate	88	9.663	9.695	(0.968)	11157	0.75000	0.79
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	838552	2.00000	
	37 Tetrahydrofuran	42	10.048	10.086	(0.879)	89084	0.75000	0.74
	39 Chloroform	83	10.070	10.075	(1.009)	391367	0.75000	0.64
	40 Cyclohexane	84	10.305	10.305	(0.902)	254581	0.75000	0.70
	41 1,1,1-Trichloroethane	97	10.311	10.316	(0.902)	532700	0.75000	0.70
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	623157	0.75000	0.71
	43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	606851	0.75000	0.66
	44 Benzene	78	10.856	10.851	(0.950)	431023	0.75000	0.63
	45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	243270	0.75000	0.67
	46 n-Heptane	43	11.070	11.076	(0.969)	189600	0.75000	0.68
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4041182	2.00000	
	49 Trichloroethene	95	11.782	11.782	(1.031)	259068	0.75000	0.68
	50 1,2-Dichloropropane	63	12.162	12.162	(1.064)	123142	0.75000	0.66
	51 Methyl methacrylate	69	12.231	12.253	(1.070)	89410	0.75000	0.78
	53 1,4-Dioxane	88	12.392	12.451	(1.084)	30329	0.75000	0.61(H)
	54 Bromodichloromethane	83	12.531	12.531	(1.096)	385024	0.75000	0.73
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	209538	0.75000	0.71
	56 Methyl isobutyl ketone	43	13.365	13.403	(1.169)	79154	0.75000	0.60
	58 Toluene	92	13.579	13.579	(0.874)	304540	0.75000	0.67
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	206104	0.75000	0.75
	60 1,1,2-Trichloroethane	83	14.227	14.227	(0.915)	137890	0.75000	0.70
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	382020	0.75000	0.64
	62 2-Hexanone	43	14.537	14.564	(0.935)	57231	0.75000	0.56
	63 Dibromochloromethane	129	14.778	14.778	(0.951)	354995	0.75000	0.76
	64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	282162	0.75000	0.75
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3639792	2.00000	
	66 Chlorobenzene	112	15.580	15.585	(1.002)	456897	0.75000	0.74
	67 Ethylbenzene	91	15.650	15.650	(1.007)	652465	0.75000	0.76
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	512472	1.50000	1.7
M	70 Xylene, Total	106				756601	2.25000	2.6
	71 Xylene (o)	106	16.318	16.318	(1.050)	244129	0.75000	0.86

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	221208	0.75000	1.0(A)
73 Bromoform	173	16.639	16.634	(1.071)	285340	0.75000	0.91
74 Isopropylbenzene	105	16.730	16.730	(1.076)	665179	0.75000	0.83
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	180793	0.75000	0.78
76 n-Propylbenzene	91	17.212	17.212	(1.107)	577257	0.75000	0.78
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	456648	0.75000	0.83
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	559680	0.75000	0.78
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	361257	0.75000	0.76
83 tert-butylbenzene	119	17.773	17.774	(1.144)	346000	0.75000	0.72
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	307549	0.75000	0.70
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	426432	0.75000	0.69
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	330355	0.75000	0.69
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	261334	0.75000	0.69
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	263441	0.75000	0.70
89 Benzyl chloride	91	18.517	18.512	(1.191)	132591	0.75000	0.67
91 n-Butylbenzene	91	18.672	18.672	(1.201)	262774	0.75000	0.69
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	221105	0.75000	0.69
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	97429	0.75000	0.80
95 1,3-Hexachlorobutadiene	225	21.272	21.262	(1.369)	92511	0.75000	0.69
96 Naphthalene	128	21.577	21.582	(1.388)	195261	0.75000	0.84

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	eer009.d	Date:	05-JAN-2012 00:10
Client ID:	ic 273313	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273313		
Lab Sample ID:	ic 273313		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer010.d
Lab Smp Id: ic 273313 Client Smp ID: ic 273313
Inj Date : 05-JAN-2012 01:05
Operator : wrd Inst ID: E.i
Smp Info : ic 273313
Misc Info : 500,1,level 8
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 01:05 Cal File: eer010.d
Als bottle: 5 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.110	3.115	(0.311)	88419	1.00000	0.94
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	585117	1.00000	0.95
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	261141	1.00000	0.97
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	539360	1.00000	0.91
5 Chloromethane	50	3.538	3.543	(0.354)	111973	1.00000	0.95
6 Butane	43	3.720	3.720	(0.373)	185494	1.00000	0.96
7 Vinyl chloride	62	3.757	3.757	(0.376)	144412	1.00000	0.86
8 1,3-Butadiene	54	3.821	3.827	(0.383)	99437	1.00000	0.86
9 Bromomethane	94	4.442	4.447	(0.445)	179450	1.00000	0.87
10 Chloroethane	64	4.651	4.656	(0.466)	78022	1.00000	0.85
12 Vinyl bromide	106	5.030	5.036	(0.504)	213249	1.00000	0.90
13 Trichlorofluoromethane	101	5.127	5.138	(0.513)	818348	1.00000	0.90
15 Ethanol	45	5.774	5.828	(0.578)	67470	2.00000	1.9(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	542658	1.00000	0.92

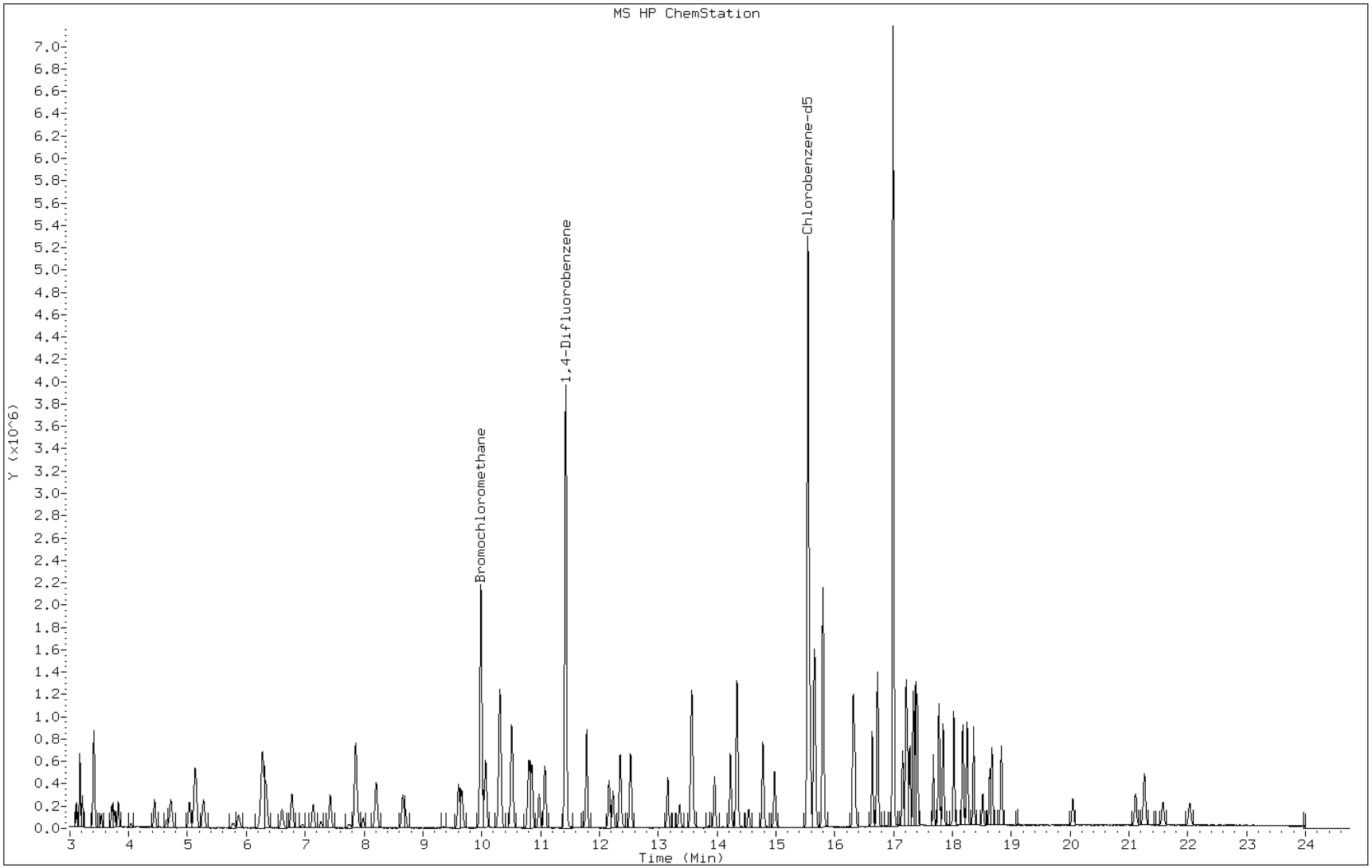
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	228246	1.00000	0.88
	20 Acetone	43	6.603	6.646	(0.661)	333051	1.00000	1.1
	23 Carbon disulfide	76	6.774	6.780	(0.678)	636544	1.00000	0.97
	21 Isopropanol	45	6.956	7.021	(0.697)	55019	1.00000	0.76(Q)
	22 Allyl chloride	41	7.138	7.138	(0.715)	177372	1.00000	0.88
	25 Methylene chloride	49	7.427	7.433	(0.744)	204035	1.00000	0.92
	26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	62915	1.00000	0.68(H)
	27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	333551	1.00000	0.91
	28 Methyl tert-butyl ether	73	7.866	7.946	(0.788)	608951	1.00000	1.0(A)
	30 n-Hexane	57	8.208	8.203	(0.822)	289084	1.00000	0.93
	31 1,1-Dichloroethane	63	8.658	8.658	(0.867)	377769	1.00000	0.89
	32 Vinyl acetate	43	8.706	8.716	(0.872)	293860	1.00000	1.2
M	33 1,2-Dichloroethene, Total	61				564146	2.00000	1.8
	34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	230595	1.00000	0.88
	38 Methyl Ethyl Ketone	43	9.658	9.695	(0.967)	563056	1.00000	1.2
	35 Ethyl acetate	88	9.669	9.695	(0.968)	16191	1.00000	1.1
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	849731	2.00000	
	37 Tetrahydrofuran	42	10.043	10.086	(0.879)	141938	1.00000	1.1
	39 Chloroform	83	10.070	10.075	(1.009)	530074	1.00000	0.86
	40 Cyclohexane	84	10.311	10.305	(0.902)	353914	1.00000	0.94
	41 1,1,1-Trichloroethane	97	10.311	10.316	(0.902)	715931	1.00000	0.92
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	840046	1.00000	0.93
	43 2,2,4-Trimethylpentane	57	10.803	10.803	(0.945)	835115	1.00000	0.88
	44 Benzene	78	10.856	10.851	(0.950)	605924	1.00000	0.86
	45 1,2-Dichloroethane	62	10.974	10.979	(0.960)	342977	1.00000	0.92
	46 n-Heptane	43	11.076	11.076	(0.969)	258664	1.00000	0.89
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4173016	2.00000	
	49 Trichloroethene	95	11.782	11.782	(1.031)	346408	1.00000	0.89
	50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	181970	1.00000	0.94
	51 Methyl methacrylate	69	12.231	12.253	(1.070)	156942	1.00000	1.3
	53 1,4-Dioxane	88	12.381	12.451	(1.083)	56053	1.00000	1.1(H)
	54 Bromodichloromethane	83	12.531	12.531	(1.096)	546574	1.00000	1.0(A)
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	309066	1.00000	1.0(A)
	56 Methyl isobutyl ketone	43	13.365	13.403	(1.169)	169831	1.00000	1.2
	58 Toluene	92	13.579	13.579	(0.874)	456560	1.00000	0.95
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	321482	1.00000	1.1(A)
	60 1,1,2-Trichloroethane	83	14.227	14.227	(0.915)	211408	1.00000	1.0(A)
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	520337	1.00000	0.82
	62 2-Hexanone	43	14.537	14.564	(0.935)	125830	1.00000	1.2
	63 Dibromochloromethane	129	14.778	14.778	(0.951)	535119	1.00000	1.1(A)
	64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	416423	1.00000	1.0(A)
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3864256	2.00000	
	66 Chlorobenzene	112	15.585	15.585	(1.003)	665659	1.00000	1.0(Q)
	67 Ethylbenzene	91	15.650	15.650	(1.007)	998845	1.00000	1.1(A)
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	794460	2.00000	2.5(A)
M	70 Xylene, Total	106				1189407	3.00000	3.8
	71 Xylene (o)	106	16.313	16.318	(1.050)	394947	1.00000	1.3(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	409229	1.00000	1.8(A)
73 Bromoform	173	16.639	16.634	(1.071)	457485	1.00000	1.4(A)
74 Isopropylbenzene	105	16.730	16.730	(1.076)	1130505	1.00000	1.3
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	326274	1.00000	1.3(A)
76 n-Propylbenzene	91	17.212	17.212	(1.107)	1049816	1.00000	1.3
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	867931	1.00000	1.5(A)
80 2-Chlorotoluene	91	17.378	17.378	(1.118)	950442	1.00000	1.2
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	686620	1.00000	1.4(A)
83 tert-butylbenzene	119	17.773	17.774	(1.144)	664165	1.00000	1.3
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	597562	1.00000	1.3
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	822592	1.00000	1.3
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	626188	1.00000	1.2
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	462650	1.00000	1.2
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	435519	1.00000	1.1
89 Benzyl chloride	91	18.517	18.512	(1.191)	235706	1.00000	1.1
91 n-Butylbenzene	91	18.672	18.672	(1.201)	457820	1.00000	1.1
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	364127	1.00000	1.1
94 1,2,4-Trichlorobenzene	180	21.117	21.112	(1.359)	146981	1.00000	1.1
95 1,3-Hexachlorobutadiene	225	21.267	21.262	(1.368)	137667	1.00000	0.97
96 Naphthalene	128	21.582	21.582	(1.389)	289175	1.00000	1.2

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	eer010.d	Date:	05-JAN-2012 01:05
Client ID:	ic 273313	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273313		
Lab Sample ID:	ic 273313		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer011.d
Lab Smp Id: ic 273171 Client Smp ID: ic 273171
Inj Date : 05-JAN-2012 02:00
Operator : wrd Inst ID: E.i
Smp Info : ic 273171
Misc Info : 150,1,level 9
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 02:00 Cal File: eer011.d
Als bottle: 6 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	150.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.110	3.115	(0.311)	147057	1.50000	1.5
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	895491	1.50000	1.4(A)
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	410210	1.50000	1.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.409	3.415	(0.341)	876653	1.50000	1.4(A)
5 Chloromethane	50	3.538	3.543	(0.354)	179756	1.50000	1.5
6 Butane	43	3.720	3.720	(0.373)	309822	1.50000	1.6
7 Vinyl chloride	62	3.757	3.757	(0.376)	246411	1.50000	1.4(A)
8 1,3-Butadiene	54	3.827	3.827	(0.383)	166258	1.50000	1.4(A)
9 Bromomethane	94	4.442	4.447	(0.445)	291625	1.50000	1.4(A)
10 Chloroethane	64	4.650	4.656	(0.466)	129324	1.50000	1.4(A)
12 Vinyl bromide	106	5.036	5.036	(0.504)	343971	1.50000	1.4(A)
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	1329359	1.50000	1.4(A)
15 Ethanol	45	5.769	5.828	(0.578)	114056	3.00000	3.2(H)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.282	6.282	(0.629)	882735	1.50000	1.5(A)

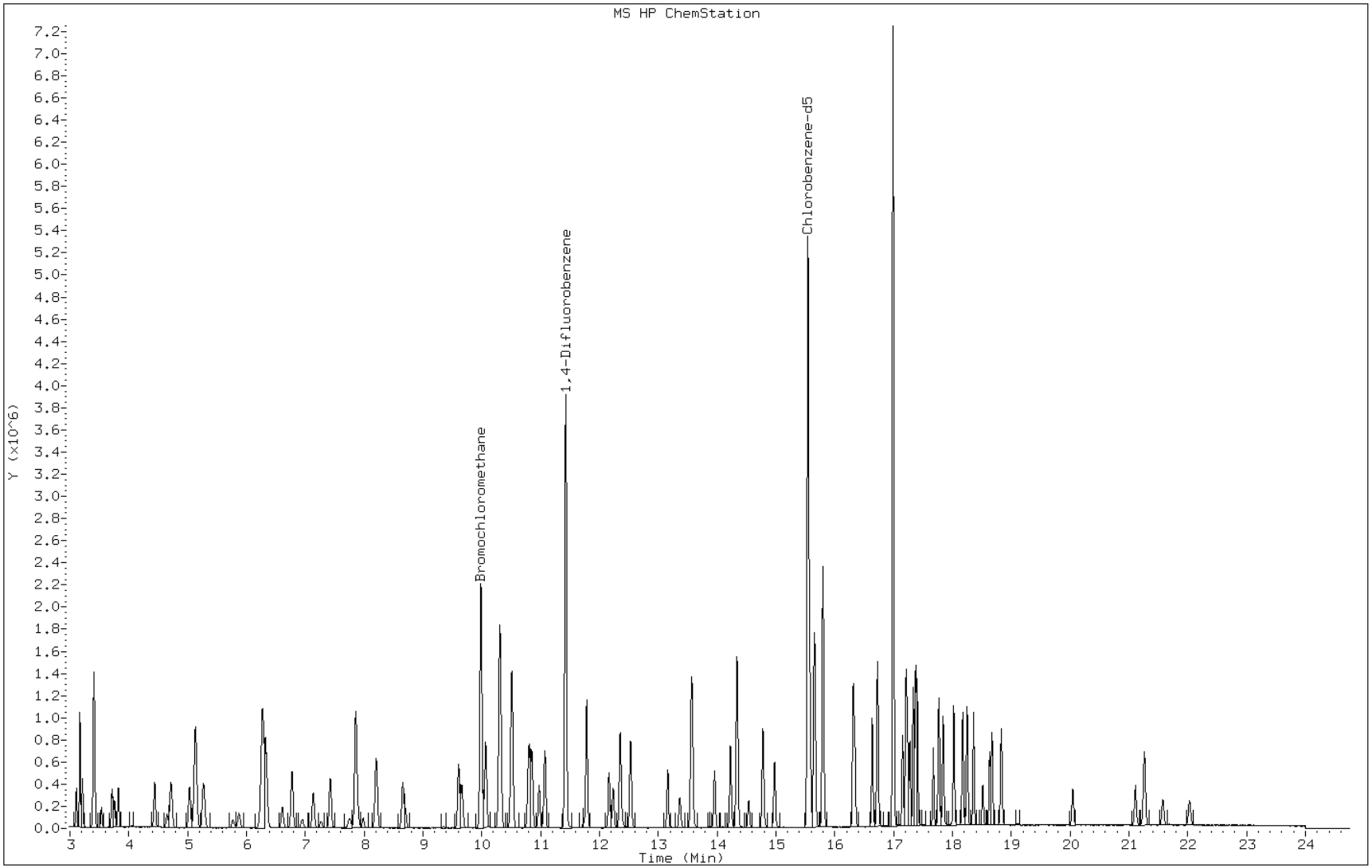
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.336	6.341	(0.635)	377205	1.50000	1.4(A)
	20 Acetone	43	6.608	6.646	(0.662)	353724	1.50000	1.2
	23 Carbon disulfide	76	6.780	6.780	(0.679)	1052265	1.50000	1.6
	21 Isopropanol	45	6.945	7.021	(0.696)	149919	1.50000	2.0(AQ)
	22 Allyl chloride	41	7.138	7.138	(0.715)	264079	1.50000	1.3(A)
	25 Methylene chloride	49	7.427	7.433	(0.744)	329936	1.50000	1.5
	26 Tert-butyl alcohol	59	7.753	7.855	(0.777)	173365	1.50000	1.8(H)
	27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	544703	1.50000	1.4(A)
	28 Methyl tert-butyl ether	73	7.871	7.946	(0.788)	682807	1.50000	1.2(A)
	30 n-Hexane	57	8.203	8.203	(0.822)	451626	1.50000	1.4(A)
	31 1,1-Dichloroethane	63	8.657	8.658	(0.867)	528385	1.50000	1.2(A)
	32 Vinyl acetate	43	8.711	8.716	(0.872)	319058	1.50000	1.3
M	33 1,2-Dichloroethene, Total	61				876989	3.00000	2.7
	34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	332286	1.50000	1.2(A)
	38 Methyl Ethyl Ketone	43	9.663	9.695	(0.968)	651071	1.50000	1.3
	35 Ethyl acetate	88	9.668	9.695	(0.968)	19308	1.50000	1.3
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	863582	2.00000	
	37 Tetrahydrofuran	42	10.048	10.086	(0.879)	158782	1.50000	1.3
	39 Chloroform	83	10.070	10.075	(1.009)	704107	1.50000	1.1(A)
	40 Cyclohexane	84	10.305	10.305	(0.902)	558167	1.50000	1.5(A)
	41 1,1,1-Trichloroethane	97	10.310	10.316	(0.902)	1025277	1.50000	1.3(A)
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	1297545	1.50000	1.4(A)
	43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	1047634	1.50000	1.1(A)
	44 Benzene	78	10.856	10.851	(0.950)	749498	1.50000	1.1(A)
	45 1,2-Dichloroethane	62	10.974	10.979	(0.960)	415833	1.50000	1.1(A)
	46 n-Heptane	43	11.070	11.076	(0.969)	326603	1.50000	1.2(A)
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4095594	2.00000	
	49 Trichloroethene	95	11.782	11.782	(1.031)	471309	1.50000	1.2(A)
	50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	210738	1.50000	1.1(A)
	51 Methyl methacrylate	69	12.236	12.253	(1.071)	174750	1.50000	1.5
	53 1,4-Dioxane	88	12.375	12.451	(1.083)	92083	1.50000	1.8
	54 Bromodichloromethane	83	12.531	12.531	(1.096)	652962	1.50000	1.2(A)
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	363454	1.50000	1.2(A)
	56 Methyl isobutyl ketone	43	13.365	13.403	(1.169)	218797	1.50000	1.6
	58 Toluene	92	13.579	13.579	(0.874)	498474	1.50000	1.0(A)
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	355820	1.50000	1.3(A)
	60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	240931	1.50000	1.2(A)
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	621161	1.50000	0.99
	62 2-Hexanone	43	14.537	14.564	(0.935)	188165	1.50000	1.8
	63 Dibromochloromethane	129	14.777	14.778	(0.951)	618245	1.50000	1.3(A)
	64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	488365	1.50000	1.2(A)
*	65 Chlorobenzene-d5	117	15.542	15.543	(1.000)	3791347	2.00000	
	66 Chlorobenzene	112	15.580	15.585	(1.002)	765644	1.50000	1.2(Q)
	67 Ethylbenzene	91	15.649	15.650	(1.007)	1091185	1.50000	1.2(A)
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	856416	3.00000	2.8(A)
M	70 Xylene, Total	106				1270236	4.50000	4.2
	71 Xylene (o)	106	16.313	16.318	(1.050)	413820	1.50000	1.4(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	444647	1.50000	2.0(A)
73 Bromoform	173	16.639	16.634	(1.071)	533917	1.50000	1.6(A)
74 Isopropylbenzene	105	16.730	16.730	(1.076)	1204210	1.50000	1.4
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	391010	1.50000	1.6(A)
76 n-Propylbenzene	91	17.212	17.212	(1.107)	1123174	1.50000	1.4
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	912250	1.50000	1.6(A)
80 2-Chlorotoluene	91	17.377	17.378	(1.118)	1054836	1.50000	1.4
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	723005	1.50000	1.5(A)
83 tert-butylbenzene	119	17.768	17.774	(1.143)	695830	1.50000	1.4
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	632833	1.50000	1.4
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	877399	1.50000	1.4
86 4-Isopropyltoluene	119	18.174	18.175	(1.169)	702240	1.50000	1.4
87 1,3-Dichlorobenzene	146	18.249	18.250	(1.174)	526865	1.50000	1.3
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	518601	1.50000	1.3
89 Benzyl chloride	91	18.517	18.512	(1.191)	302701	1.50000	1.4
91 n-Butylbenzene	91	18.672	18.672	(1.201)	549802	1.50000	1.4
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	457137	1.50000	1.4
94 1,2,4-Trichlorobenzene	180	21.111	21.112	(1.358)	178636	1.50000	1.4
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	195204	1.50000	1.4
96 Naphthalene	128	21.577	21.582	(1.388)	325909	1.50000	1.3

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	eer011.d	Date:	05-JAN-2012 02:00
Client ID:	ic 273171	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273171		
Lab Sample ID:	ic 273171		



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer012.d
Lab Smp Id: ic 273171 Client Smp ID: ic 273171
Inj Date : 05-JAN-2012 02:54
Operator : wrd Inst ID: E.i
Smp Info : ic 273171
Misc Info : 200,1,level 10
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 12-Jan-2012 10:15 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 7 Calibration Sample, Level: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
1 Propene	41	3.110	3.115	(0.311)	193085	2.00000	2.0
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	1231261	2.00000	1.9(A)
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	543958	2.00000	2.0
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.409	3.415	(0.341)	1153133	2.00000	1.9(A)
5 Chloromethane	50	3.538	3.543	(0.354)	236950	2.00000	1.9
6 Butane	43	3.714	3.720	(0.372)	413215	2.00000	2.1(A)
7 Vinyl chloride	62	3.757	3.757	(0.376)	328972	2.00000	1.9(A)
8 1,3-Butadiene	54	3.821	3.827	(0.383)	216863	2.00000	1.8(A)
9 Bromomethane	94	4.437	4.447	(0.444)	382481	2.00000	1.8(A)
10 Chloroethane	64	4.651	4.656	(0.466)	171586	2.00000	1.8(A)
12 Vinyl bromide	106	5.036	5.036	(0.504)	473826	2.00000	1.9(A)
13 Trichlorofluoromethane	101	5.132	5.138	(0.514)	1760419	2.00000	1.9(A)
15 Ethanol	45	5.753	5.828	(0.576)	171116	4.00000	4.8(AH)
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	1203493	2.00000	2.0(A)

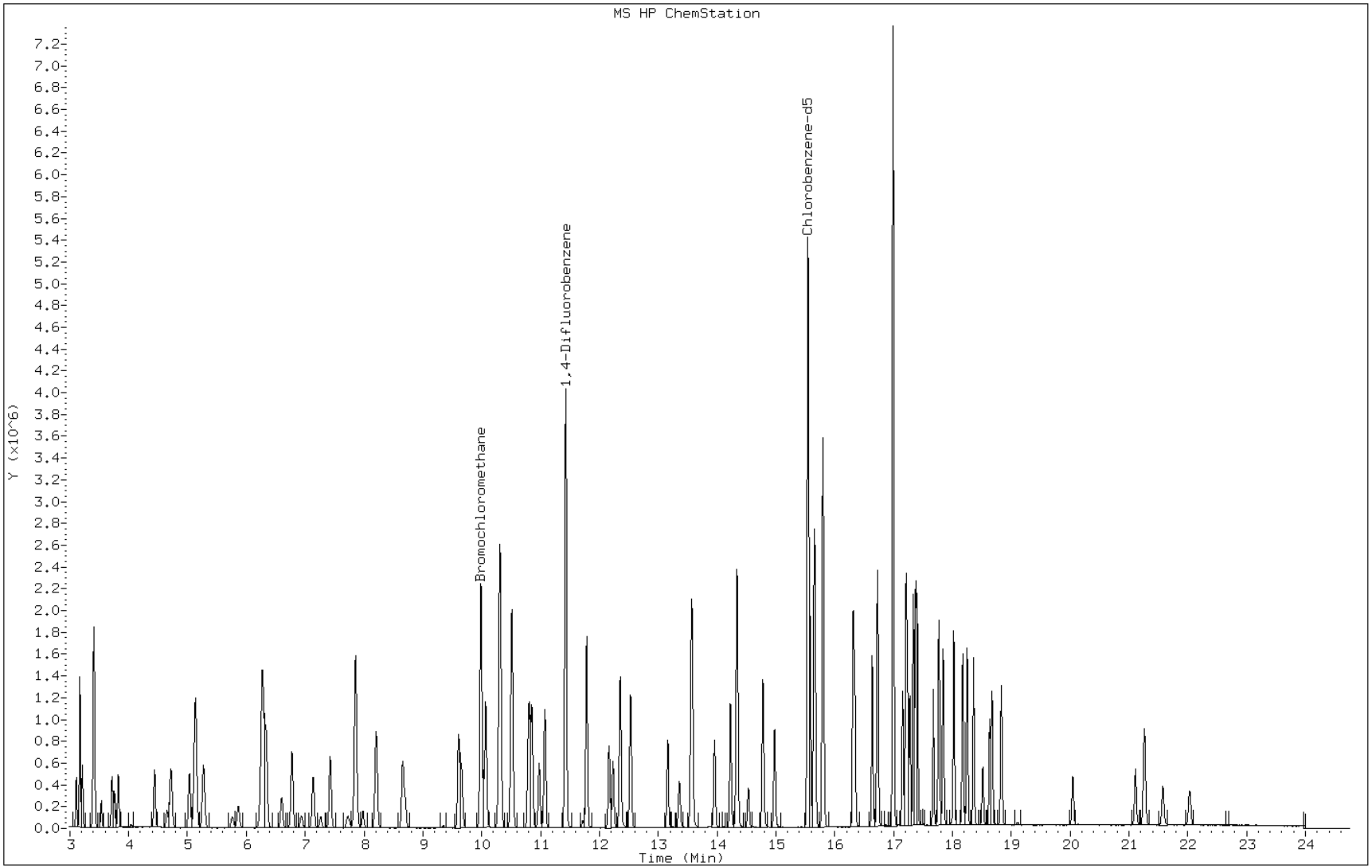
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	19 1,1-Dichloroethene	96	6.336	6.341	(0.635)	518143	2.00000	1.9(A)
	20 Acetone	43	6.598	6.646	(0.661)	523555	2.00000	1.7
	23 Carbon disulfide	76	6.774	6.780	(0.678)	1428563	2.00000	2.1(A)
	21 Isopropanol	45	6.930	7.021	(0.694)	205920	2.00000	2.8(AQ)
	22 Allyl chloride	41	7.138	7.138	(0.715)	388675	2.00000	1.9(A)
	25 Methylene chloride	49	7.427	7.433	(0.744)	454115	2.00000	2.0
	26 Tert-butyl alcohol	59	7.732	7.855	(0.774)	223282	2.00000	2.3(AH)
	27 1,2-Dichloroethene (trans)	61	7.855	7.861	(0.787)	742737	2.00000	2.0(A)
	28 Methyl tert-butyl ether	73	7.855	7.946	(0.787)	1054768	2.00000	1.8(A)
	30 n-Hexane	57	8.208	8.203	(0.822)	641051	2.00000	2.0(A)
	31 1,1-Dichloroethane	63	8.657	8.658	(0.867)	810187	2.00000	1.8(A)
	32 Vinyl acetate	43	8.706	8.716	(0.872)	502104	2.00000	2.0
M	33 1,2-Dichloroethene, Total	61				1237692	4.00000	3.8
	34 1,2-Dichloroethene (cis)	96	9.604	9.605	(0.962)	494955	2.00000	1.8(A)
	38 Methyl Ethyl Ketone	43	9.652	9.695	(0.967)	1003286	2.00000	2.0(A)
	35 Ethyl acetate	88	9.658	9.695	(0.967)	28423	2.00000	1.9(Q)
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	878519	2.00000	
	37 Tetrahydrofuran	42	10.032	10.086	(0.878)	244817	2.00000	2.0
	39 Chloroform	83	10.070	10.075	(1.009)	1088660	2.00000	1.7(A)
	40 Cyclohexane	84	10.305	10.305	(0.902)	768219	2.00000	2.0(A)
	41 1,1,1-Trichloroethane	97	10.310	10.316	(0.902)	1481435	2.00000	1.9(A)
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	1785206	2.00000	1.9(A)
	43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	1630075	2.00000	1.7(A)
	44 Benzene	78	10.856	10.851	(0.950)	1186363	2.00000	1.7(A)
	45 1,2-Dichloroethane	62	10.974	10.979	(0.960)	657065	2.00000	1.7(A)
	46 n-Heptane	43	11.070	11.076	(0.969)	503629	2.00000	1.7(A)
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4218821	2.00000	
	49 Trichloroethene	95	11.782	11.782	(1.031)	718312	2.00000	1.8(A)
	50 1,2-Dichloropropane	63	12.167	12.162	(1.065)	329106	2.00000	1.7(A)
	51 Methyl methacrylate	69	12.231	12.253	(1.070)	289866	2.00000	2.4(A)
	53 1,4-Dioxane	88	12.370	12.451	(1.082)	135829	2.00000	2.6(AH)
	54 Bromodichloromethane	83	12.536	12.531	(1.097)	1015537	2.00000	1.8(A)
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	559637	2.00000	1.8(A)
	56 Methyl isobutyl ketone	43	13.360	13.403	(1.169)	351684	2.00000	2.6(A)
	58 Toluene	92	13.579	13.579	(0.874)	779810	2.00000	1.6(A)
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	565678	2.00000	2.0(A)
	60 1,1,2-Trichloroethane	83	14.226	14.227	(0.915)	370059	2.00000	1.8(A)
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	941621	2.00000	1.5(A)
	62 2-Hexanone	43	14.531	14.564	(0.935)	291546	2.00000	2.7(A)
	63 Dibromochloromethane	129	14.777	14.778	(0.951)	957814	2.00000	1.9(A)
	64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	753146	2.00000	1.9(A)
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3892380	2.00000	
	66 Chlorobenzene	112	15.580	15.585	(1.002)	1153387	2.00000	1.7(Q)
	67 Ethylbenzene	91	15.649	15.650	(1.007)	1681098	2.00000	1.8(A)
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	1323146	4.00000	4.2(A)
M	70 Xylene, Total	106				1975197	6.00000	6.3
	71 Xylene (o)	106	16.313	16.318	(1.050)	652051	2.00000	2.2(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
72 Styrene	104	16.345	16.345	(1.052)	733507	2.00000	3.3(A)
73 Bromoform	173	16.639	16.634	(1.071)	832649	2.00000	2.5(A)
74 Isopropylbenzene	105	16.730	16.730	(1.076)	1914691	2.00000	2.2(A)
75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	619002	2.00000	2.5(A)
76 n-Propylbenzene	91	17.212	17.212	(1.107)	1865652	2.00000	2.4(A)
79 4-Ethyltoluene	105	17.335	17.340	(1.115)	1521635	2.00000	2.6(A)
80 2-Chlorotoluene	91	17.377	17.378	(1.118)	1666234	2.00000	2.2(A)
81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	1208926	2.00000	2.4(A)
83 tert-butylbenzene	119	17.768	17.774	(1.143)	1157803	2.00000	2.2(A)
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	1039899	2.00000	2.2(A)
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	1446755	2.00000	2.2(A)
86 4-Isopropyltoluene	119	18.175	18.175	(1.169)	1094073	2.00000	2.1(A)
87 1,3-Dichlorobenzene	146	18.249	18.250	(1.174)	809506	2.00000	2.0(A)
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	772287	2.00000	1.9
89 Benzyl chloride	91	18.517	18.512	(1.191)	454501	2.00000	2.1(A)
91 n-Butylbenzene	91	18.672	18.672	(1.201)	820676	2.00000	2.0(A)
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	662357	2.00000	1.9
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	259363	2.00000	2.0
95 1,3-Hexachlorobutadiene	225	21.261	21.262	(1.368)	268099	2.00000	1.9
96 Naphthalene	128	21.577	21.582	(1.388)	472364	2.00000	1.9

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File:	eer012.d	Date:	05-JAN-2012 02:54
Client ID:	ic 273171	Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	ic 273171		
Lab Sample ID:	ic 273171		



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab Sample ID: ICV 200-31788/14 Calibration Date: 01/05/2012 04:44

Instrument ID: E.i Calib Start Date: 01/04/2012 18:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/05/2012 02:54

Lab File ID: eer014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 273314

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.444	1.360		0.188	0.200	-5.8	30.0
Chlorodifluoromethane	Ave	0.6310	0.6334		0.200	0.200	0.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.395	1.293		0.185	0.200	-7.3	30.0
Chloromethane	Ave	0.2776	0.2983		0.214	0.200	7.4	30.0
Butane	Ave	0.4544	0.4163		0.183	0.200	-8.4	30.0
Vinyl chloride	Ave	0.3969	0.3692		0.186	0.200	-7.0	30.0
1,3-Butadiene	Ave	0.2709	0.2620		0.193	0.200	-3.3	30.0
Bromomethane	Ave	0.4867	0.4190		0.172	0.200	-13.9	30.0
Chloroethane	Ave	0.2156	0.2072		0.192	0.200	-3.9	30.0
Bromoethene(Vinyl Bromide)	Ave	0.5591	0.5352		0.191	0.200	-4.3	30.0
Trichlorofluoromethane	Ave	2.133	1.957		0.183	0.200	-8.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.391	1.518		0.218	0.200	9.1	30.0
1,1-Dichloroethene	Ave	0.6076	0.6362		0.209	0.200	4.7	30.0
Carbon disulfide	Ave	1.546	1.647		0.212	0.200	6.5	30.0
3-Chloropropene	Ave	0.4737	0.4859		0.205	0.200	2.6	30.0
Methylene Chloride	Ave	0.5197	0.6372		0.245	0.200	22.6	30.0
trans-1,2-Dichloroethene	Ave	0.8642	0.8550		0.197	0.200	-1.1	30.0
Methyl tert-butyl ether	Ave	1.354	1.509		0.223	0.200	11.5	30.0
n-Hexane	Ave	0.7338	0.7734		0.210	0.200	5.4	30.0
1,1-Dichloroethane	Ave	0.997	1.021		0.204	0.200	2.4	30.0
cis-1,2-Dichloroethene	Ave	0.6127	0.6168		0.201	0.200	0.7	30.0
2-Butanone (MEK)	Ave	1.128	1.321		0.234	0.200	17.2	30.0
Chloroform	Ave	1.453	1.457		0.200	0.200	0.3	30.0
1,1,1-Trichloroethane	Ave	0.3742	0.3706		0.198	0.200	-1.0	30.0
Cyclohexane	Ave	0.1796	0.1816		0.202	0.200	1.1	30.0
Carbon tetrachloride	Ave	0.4345	0.4105		0.189	0.200	-5.5	30.0
2,2,4-Trimethylpentane	Ave	0.4534	0.4921		0.217	0.200	8.5	30.0
Benzene	Ave	0.3388	0.3415		0.201	0.200	0.8	30.0
1,2-Dichloroethane	Ave	0.1789	0.1815		0.202	0.200	1.4	30.0
n-Heptane	Ave	0.1386	0.1520		0.219	0.200	9.7	30.0
Trichloroethene	Ave	0.1872	0.1838		0.196	0.200	-1.8	30.0
1,2-Dichloropropane	Ave	0.0929	0.0952		0.204	0.200	2.4	30.0
Methyl methacrylate	Ave	0.0568	0.0573		0.201	0.200	0.8	30.0
Bromodichloromethane	Ave	0.2616	0.2730		0.208	0.200	4.3	30.0
cis-1,3-Dichloropropene	Ave	0.1467	0.1501		0.204	0.200	2.3	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.0652	0.0624		0.191	0.200	-4.4	30.0
Toluene	Ave	0.2482	0.2646		0.213	0.200	6.6	30.0
trans-1,3-Dichloropropene	Ave	0.1362	0.1357		0.199	0.200	-0.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab Sample ID: ICV 200-31788/14 Calibration Date: 01/05/2012 04:44

Instrument ID: E.i Calib Start Date: 01/04/2012 18:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/05/2012 02:54

Lab File ID: eer014.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 273314

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2-Trichloroethane	Ave	0.1086	0.1126		0.207	0.200	3.6	30.0
Tetrachloroethene	Ave	0.3298	0.3173		0.192	0.200	-3.8	30.0
2-Hexanone	Ave	0.0562	0.0442		0.157	0.200	-21.3	30.0
Dibromochloromethane	Ave	0.2550	0.2691		0.211	0.200	5.5	30.0
1,2-Dibromoethane	Ave	0.2076	0.2172		0.209	0.200	4.6	30.0
Chlorobenzene	Ave	0.3405	0.3818		0.224	0.200	12.1	30.0
Ethylbenzene	Ave	0.4698	0.5233		0.222	0.200	11.4	30.0
m-Xylene & p-Xylene	Ave	0.1625	0.1925		0.473	0.399	18.5	30.0
o-Xylene	Ave	0.1553	0.1797		0.231	0.200	15.7	30.0
Styrene	Ave	0.1153	0.1123		0.194	0.200	-2.6	30.0
Bromoform	Ave	0.1719	0.1830		0.212	0.200	6.4	30.0
Isopropylbenzene	Ave	0.4416	0.4343		0.196	0.200	-1.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1266	0.1239		0.195	0.200	-2.2	30.0
N-Propylbenzene	Ave	0.4062	0.3799		0.187	0.200	-6.5	30.0
4-Ethyltoluene	Ave	0.3017	0.3126		0.207	0.200	3.6	30.0
2-Chlorotoluene	Ave	0.3958	0.3955		0.199	0.200	-0.0	30.0
1,3,5-Trimethylbenzene	Ave	0.2600	0.2506		0.192	0.200	-3.6	30.0
tert-Butylbenzene	Ave	0.2658	0.2553		0.192	0.200	-4.0	30.0
1,2,4-Trimethylbenzene	Ave	0.2405	0.2303		0.191	0.200	-4.3	30.0
sec-Butylbenzene	Ave	0.3374	0.3437		0.203	0.200	1.9	30.0
4-Isopropyltoluene	Ave	0.2627	0.2464		0.187	0.200	-6.2	30.0
1,3-Dichlorobenzene	Ave	0.2076	0.2024		0.195	0.200	-2.5	30.0
1,4-Dichlorobenzene	Ave	0.2065	0.2065		0.200	0.200	0.0	30.0
Benzyl chloride	Ave	0.1094	0.1265		0.231	0.200	15.6	30.0
n-Butylbenzene	Ave	0.2101	0.2055		0.195	0.200	-2.2	30.0
1,2-Dichlorobenzene	Ave	0.1770	0.1715		0.193	0.200	-3.2	30.0
1,2,4-Trichlorobenzene	Ave	0.0672	0.0639		0.190	0.200	-4.9	30.0
Hexachlorobutadiene	Ave	0.0735	0.0641		0.174	0.200	-12.9	30.0
Naphthalene	Ave	0.1279	0.1312		0.205	0.200	2.5	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eerto15.b/eer014.d
Lab Smp Id: icv 273314 Client Smp ID: icv 273314
Inj Date : 05-JAN-2012 04:44
Operator : wrd Inst ID: E.i
Smp Info : icv 273314
Misc Info : 500,1,icv
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/to15ll3t.m
Meth Date : 05-Jan-2012 13:03 jd1 Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74+MN0.2.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

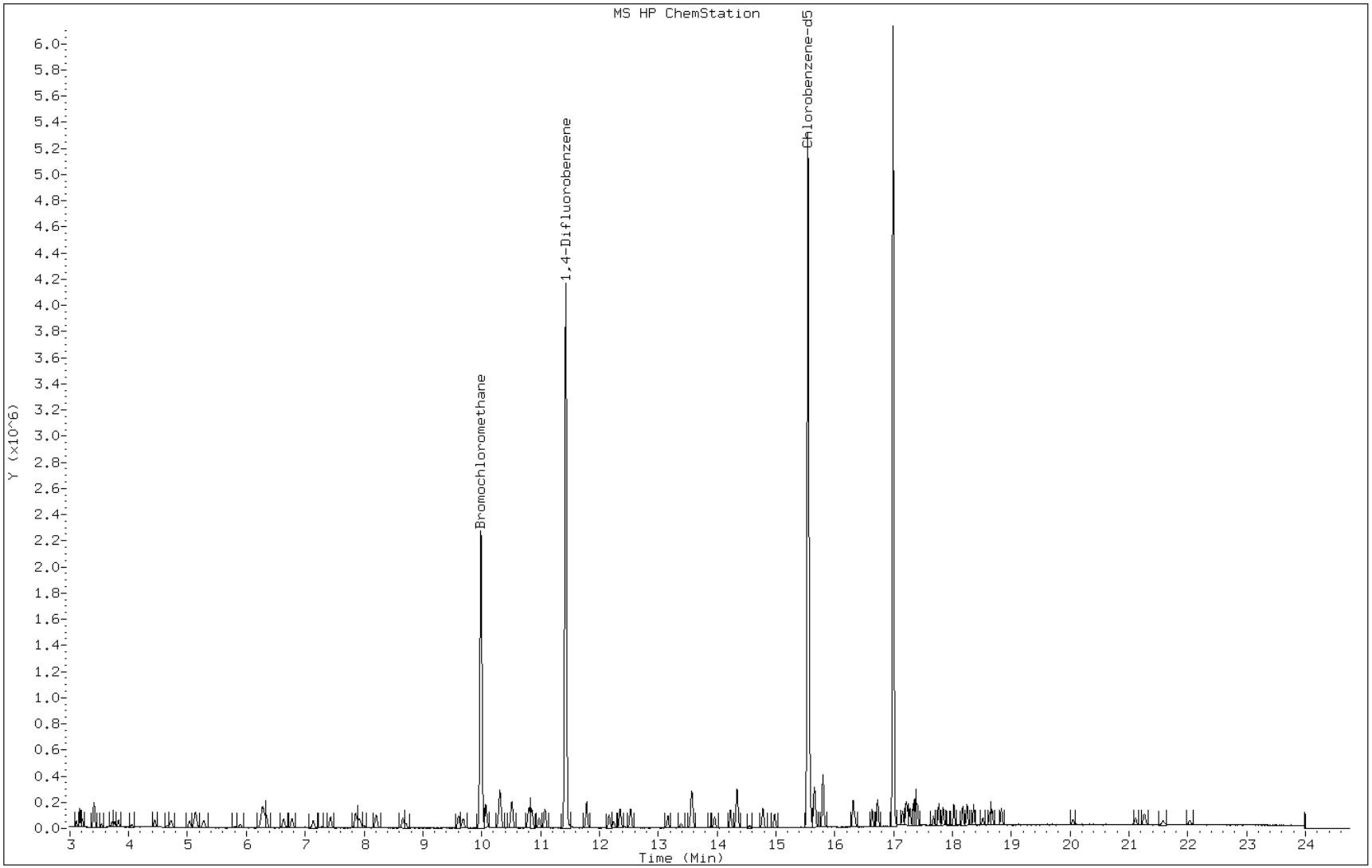
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	CONCENTRATIONS FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.174	3.174	(0.318)	121761	0.18794	0.19
3 Chlorodifluoromethane	51	3.217	3.222	(0.322)	56717	0.20027	0.20
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.410	3.415	(0.341)	115792	0.18489	0.18
5 Chloromethane	50	3.543	3.543	(0.355)	26709	0.21437	0.21
6 Butane	43	3.714	3.720	(0.372)	37282	0.18284	0.18
7 Vinyl chloride	62	3.757	3.757	(0.376)	33064	0.18564	0.18
8 1,3-Butadiene	54	3.827	3.827	(0.383)	23458	0.19294	0.19
9 Bromomethane	94	4.442	4.447	(0.445)	37519	0.17176	0.17
10 Chloroethane	64	4.661	4.656	(0.467)	18550	0.19175	0.19
12 Vinyl bromide	106	5.036	5.036	(0.504)	47923	0.19100	0.19
13 Trichlorofluoromethane	101	5.137	5.138	(0.515)	175210	0.18306	0.18
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.277	6.282	(0.629)	135910	0.21777	0.22
19 1,1-Dichloroethene	96	6.341	6.341	(0.635)	56967	0.20893	0.21
23 Carbon disulfide	76	6.780	6.780	(0.679)	147459	0.21248	0.21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	22 Allyl chloride	41	7.133	7.138	(0.714)	43516	0.20470	0.20
	25 Methylene chloride	49	7.427	7.433	(0.744)	57060	0.24465	0.24
	27 1,2-Dichloroethene (trans)	61	7.860	7.861	(0.787)	76567	0.19742	0.20
	28 Methyl tert-butyl ether	73	7.919	7.946	(0.793)	135171	0.22252	0.22
	30 n-Hexane	57	8.197	8.203	(0.821)	69257	0.21029	0.21
	31 1,1-Dichloroethane	63	8.658	8.658	(0.867)	91450	0.20442	0.20
M	33 1,2-Dichloroethene, Total	61				131803	0.39829	0.40
	34 1,2-Dichloroethene (cis)	96	9.610	9.605	(0.962)	55236	0.20087	0.20
	38 Methyl Ethyl Ketone	43	9.679	9.695	(0.969)	118310	0.23379	0.23
*	36 Bromochloromethane	128	9.984	9.990	(1.000)	897583	2.00000	
	39 Chloroform	83	10.070	10.075	(1.009)	130458	0.20007	0.20
	40 Cyclohexane	84	10.311	10.305	(0.902)	79396	0.20171	0.20
	41 1,1,1-Trichloroethane	97	10.311	10.316	(0.902)	162065	0.19759	0.20
	42 Carbon tetrachloride	117	10.514	10.514	(0.920)	179533	0.18853	0.19
	43 2,2,4-Trimethylpentane	57	10.808	10.803	(0.946)	215205	0.21659	0.22
	44 Benzene	78	10.856	10.851	(0.950)	149357	0.20114	0.20
	45 1,2-Dichloroethane	62	10.979	10.979	(0.961)	79350	0.20236	0.20
	46 n-Heptane	43	11.070	11.076	(0.969)	66471	0.21880	0.22
*	47 1,4-Difluorobenzene	114	11.429	11.429	(1.000)	4383408	2.00000	
	49 Trichloroethene	95	11.782	11.782	(1.031)	80372	0.19592	0.20
	50 1,2-Dichloropropane	63	12.162	12.162	(1.064)	41634	0.20443	0.20
	51 Methyl methacrylate	69	12.242	12.253	(1.071)	25040	0.20111	0.20
	54 Bromodichloromethane	83	12.531	12.531	(1.096)	119391	0.20820	0.21
	55 1,3-Dichloropropene (cis)	75	13.162	13.162	(1.152)	65634	0.20420	0.20
	56 Methyl isobutyl ketone	43	13.381	13.403	(1.171)	27265	0.19077	0.19
	58 Toluene	92	13.585	13.579	(0.874)	100825	0.21278	0.21
	59 1,3-Dichloropropene (trans)	75	13.959	13.959	(1.221)	59355	0.19885	0.20
	60 1,1,2-Trichloroethane	83	14.232	14.227	(0.916)	42881	0.20679	0.21
	61 Tetrachloroethene	166	14.339	14.344	(0.923)	120888	0.19195	0.19
	62 2-Hexanone	43	14.548	14.564	(0.936)	16842	0.15706	0.16
	63 Dibromochloromethane	129	14.778	14.778	(0.951)	102541	0.21059	0.21
	64 1,2-Dibromoethane	107	14.981	14.976	(0.964)	82735	0.20873	0.21
*	65 Chlorobenzene-d5	117	15.543	15.543	(1.000)	3818789	2.00000	
	66 Chlorobenzene	112	15.580	15.585	(1.002)	145471	0.22374	0.22
	67 Ethylbenzene	91	15.655	15.650	(1.007)	199374	0.22227	0.22
	69 Xylene (m,p)	106	15.799	15.799	(1.017)	146715	0.47279	0.47
M	70 Xylene, Total	106				215191	0.70371	0.70
	71 Xylene (o)	106	16.318	16.318	(1.050)	68476	0.23092	0.23
	72 Styrene	104	16.345	16.345	(1.052)	42787	0.19433	0.19
	73 Bromoform	173	16.639	16.634	(1.071)	69702	0.21237	0.21
	74 Isopropylbenzene	105	16.730	16.730	(1.076)	165445	0.19623	0.20
	75 1,1,2,2-Tetrachloroethane	83	17.153	17.153	(1.104)	47194	0.19521	0.20
	76 n-Propylbenzene	91	17.212	17.212	(1.107)	144730	0.18659	0.19
	79 4-Ethyltoluene	105	17.340	17.340	(1.116)	119085	0.20673	0.21
	80 2-Chlorotoluene	91	17.372	17.378	(1.118)	150696	0.19942	0.20
	81 1,3,5-Trimethylbenzene	105	17.404	17.404	(1.120)	95488	0.19235	0.19
	83 tert-butylbenzene	119	17.773	17.774	(1.144)	97265	0.19164	0.19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
84 1,2,4-Trimethylbenzene	105	17.843	17.843	(1.148)	87724	0.19102	0.19
85 sec-Butylbenzene	105	18.025	18.025	(1.160)	130954	0.20329	0.20
86 4-Isopropyltoluene	119	18.180	18.175	(1.170)	93857	0.18711	0.19
87 1,3-Dichlorobenzene	146	18.250	18.250	(1.174)	77128	0.19462	0.19
88 1,4-Dichlorobenzene	146	18.362	18.362	(1.181)	78669	0.19954	0.20
89 Benzyl chloride	91	18.517	18.512	(1.191)	48186	0.23071	0.23
91 n-Butylbenzene	91	18.667	18.672	(1.201)	78273	0.19515	0.20
92 1,2-Dichlorobenzene	146	18.833	18.833	(1.212)	65319	0.19323	0.19
94 1,2,4-Trichlorobenzene	180	21.112	21.112	(1.358)	24362	0.18985	0.19
95 1,3-Hexachlorobutadiene	225	21.267	21.262	(1.368)	24407	0.17380	0.17
96 Naphthalene	128	21.588	21.582	(1.389)	49973	0.20459	0.20

Data File: eer014.d
Client ID: icv 273314
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 273314
Lab Sample ID: icv 273314

Date: 05-JAN-2012 04:44
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab Sample ID: CCVIS 200-35718/2 Calibration Date: 03/26/2012 13:02

Instrument ID: E.i Calib Start Date: 01/04/2012 18:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/05/2012 02:54

Lab File ID: eerag02.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
Dichlorodifluoromethane	Ave	1.444	1.375		0.191	0.200	-4.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.395	1.188		0.171	0.200	-14.8	30.0
Chloromethane	Ave	0.2776	0.2584		0.187	0.200	-6.9	30.0
Vinyl chloride	Ave	0.3969	0.3079		0.155	0.200	-22.4	30.0
1,3-Butadiene	Ave	0.2709	0.2008		0.149	0.200	-25.9	30.0
Bromomethane	Ave	0.4867	0.4069		0.168	0.200	-16.4	30.0
Chloroethane	Ave	0.2156	0.1513		0.141	0.200	-29.8	30.0
Bromoethene(Vinyl Bromide)	Ave	0.5591	0.4449		0.159	0.200	-20.4	30.0
Trichlorofluoromethane	Ave	2.133	1.800		0.169	0.200	-15.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.391	1.163		0.168	0.200	-16.3	30.0
1,1-Dichloroethene	Ave	0.6076	0.4726		0.156	0.200	-22.2	30.0
3-Chloropropene	Ave	0.4737	0.3256		0.138	0.200	-31.3*	30.0
Methylene Chloride	Ave	0.5197	0.4560		0.176	0.200	-12.3	30.0
trans-1,2-Dichloroethene	Ave	0.8642	0.6424		0.149	0.200	-25.7	30.0
Methyl tert-butyl ether	Ave	1.354	1.239		0.183	0.200	-8.5	30.0
n-Hexane	Ave	0.7338	0.5623		0.154	0.200	-23.4	30.0
1,1-Dichloroethane	Ave	0.997	0.7583		0.152	0.200	-23.9	30.0
cis-1,2-Dichloroethene	Ave	0.6127	0.4927		0.161	0.200	-19.6	30.0
Chloroform	Ave	1.453	1.182		0.163	0.200	-18.6	30.0
Cyclohexane	Ave	0.1796	0.1489		0.166	0.200	-17.1	30.0
1,1,1-Trichloroethane	Ave	0.3742	0.3168		0.170	0.200	-15.4	30.0
Carbon tetrachloride	Ave	0.4345	0.3793		0.175	0.200	-12.7	30.0
2,2,4-Trimethylpentane	Ave	0.4534	0.3389		0.150	0.200	-25.2	30.0
Benzene	Ave	0.3388	0.2795		0.165	0.200	-17.5	30.0
1,2-Dichloroethane	Ave	0.1789	0.1551		0.174	0.200	-13.3	30.0
n-Heptane	Ave	0.1386	0.1082		0.157	0.200	-21.9	30.0
Trichloroethene	Ave	0.1872	0.1553		0.166	0.200	-17.0	30.0
1,2-Dichloropropane	Ave	0.0929	0.0738		0.159	0.200	-20.6	30.0
Bromodichloromethane	Ave	0.2616	0.2391		0.183	0.200	-8.6	30.0
cis-1,3-Dichloropropene	Ave	0.1467	0.1232		0.168	0.200	-16.0	30.0
Toluene	Ave	0.2482	0.2169		0.175	0.200	-12.6	30.0
trans-1,3-Dichloropropene	Ave	0.1362	0.1180		0.174	0.200	-13.4	30.0
1,1,2-Trichloroethane	Ave	0.1086	0.0957		0.177	0.200	-11.9	30.0
Tetrachloroethene	Ave	0.3298	0.2805		0.170	0.200	-14.9	30.0
Dibromochloromethane	Ave	0.2550	0.2391		0.188	0.200	-6.2	30.0
1,2-Dibromoethane	Ave	0.2076	0.1857		0.179	0.200	-10.5	30.0
Chlorobenzene	Ave	0.3405	0.3341		0.197	0.200	-1.9	30.0
Ethylbenzene	Ave	0.4698	0.4506		0.192	0.200	-4.1	30.0
m-Xylene & p-Xylene	Ave	0.1625	0.1750		0.432	0.401	7.7	30.0
o-Xylene	Ave	0.1553	0.1698		0.219	0.200	9.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Lab Sample ID: CCVIS 200-35718/2 Calibration Date: 03/26/2012 13:02

Instrument ID: E.i Calib Start Date: 01/04/2012 18:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/05/2012 02:54

Lab File ID: eerag02.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
Bromoform	Ave	0.1719	0.1743		0.203	0.200	1.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.1266	0.1215		0.192	0.200	-4.0	30.0
4-Ethyltoluene	Ave	0.3017	0.3302		0.219	0.200	9.5	30.0
1,3,5-Trimethylbenzene	Ave	0.2600	0.2661		0.205	0.200	2.4	30.0
1,2,4-Trimethylbenzene	Ave	0.2405	0.2447		0.204	0.200	1.7	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeragt15.b/eerag02.d
Lab Smp Id: ccvis 303352
Inj Date : 26-MAR-2012 13:02
Operator : wrd Inst ID: E.i
Smp Info : ccvis 303352
Misc Info : 500,1,ccvis
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL+CRREL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	AMOUNTS ON-COL (ppb v/vv)
2 Dichlorodifluoromethane	85	3.163	3.174	(0.317)	75769	0.20000	0.19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	65499	0.20000	0.17
5 Chloromethane	50	3.532	3.543	(0.354)	14240	0.20000	0.19
7 Vinyl chloride	62	3.746	3.757	(0.376)	16968	0.20000	0.16
8 1,3-Butadiene	54	3.821	3.827	(0.383)	11065	0.20000	0.15
9 Bromomethane	94	4.431	4.447	(0.445)	22429	0.20000	0.17
10 Chloroethane	64	4.645	4.656	(0.466)	8338	0.20000	0.14
12 Vinyl bromide	106	5.020	5.036	(0.504)	24518	0.20000	0.16
13 Trichlorofluoromethane	101	5.116	5.138	(0.513)	99216	0.20000	0.17
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.255	6.282	(0.628)	64119	0.20000	0.17
19 1,1-Dichloroethene	96	6.320	6.341	(0.634)	26047	0.20000	0.16
22 Allyl chloride	41	7.117	7.138	(0.714)	17948	0.20000	0.14
25 Methylene chloride	49	7.416	7.433	(0.744)	25131	0.20000	0.18
27 1,2-Dichloroethene (trans)	61	7.844	7.861	(0.787)	35404	0.20000	0.15

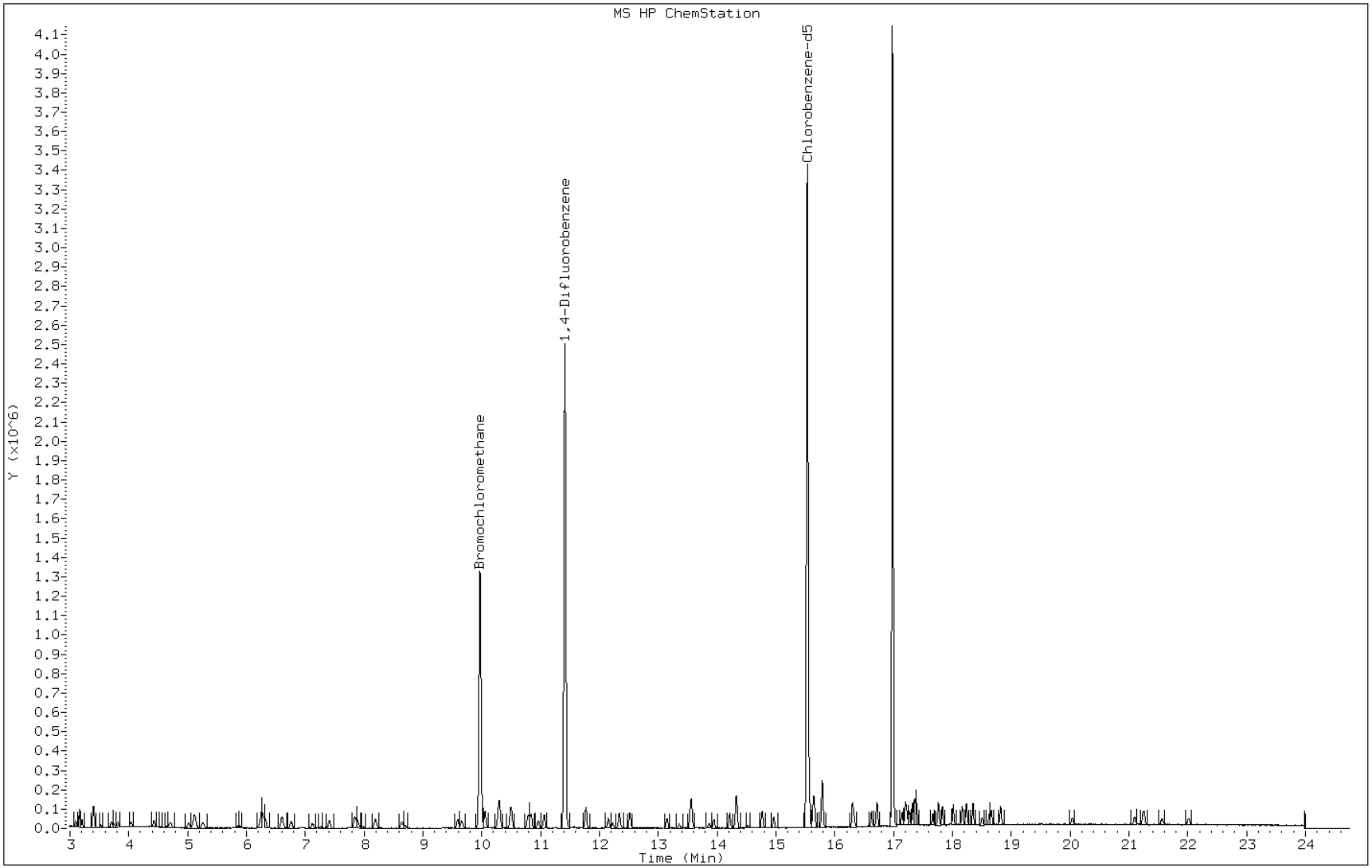
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb v/vv)	ON-COL (ppb v/vv)
	28 Methyl tert-butyl ether	73	7.887	7.946	(0.791)	68294	0.20000	0.18
	30 n-Hexane	57	8.192	8.203	(0.822)	30991	0.20000	0.15
	31 1,1-Dichloroethane	63	8.647	8.658	(0.867)	41793	0.20000	0.15
M	33 1,2-Dichloroethene, Total	61				62558	0.40000	0.31
	34 1,2-Dichloroethene (cis)	96	9.594	9.605	(0.962)	27154	0.20000	0.16
*	36 Bromochloromethane	128	9.968	9.990	(1.000)	549949	2.00000	
	39 Chloroform	83	10.054	10.075	(1.009)	65168	0.20000	0.16
	40 Cyclohexane	84	10.289	10.305	(0.902)	39528	0.20000	0.17
	41 1,1,1-Trichloroethane	97	10.300	10.316	(0.902)	84107	0.20000	0.17
	42 Carbon tetrachloride	117	10.498	10.514	(0.920)	100691	0.20000	0.17
	43 2,2,4-Trimethylpentane	57	10.797	10.803	(0.946)	89981	0.20000	0.15
	44 Benzene	78	10.840	10.851	(0.950)	74195	0.20000	0.16
	45 1,2-Dichloroethane	62	10.963	10.979	(0.961)	41180	0.20000	0.17
	46 n-Heptane	43	11.065	11.076	(0.970)	28735	0.20000	0.16
*	47 1,4-Difluorobenzene	114	11.412	11.429	(1.000)	2649195	2.00000	
	49 Trichloroethene	95	11.771	11.782	(1.031)	41228	0.20000	0.17
	50 1,2-Dichloropropane	63	12.145	12.162	(1.064)	19599	0.20000	0.16
	54 Bromodichloromethane	83	12.520	12.531	(1.097)	63488	0.20000	0.18
	55 1,3-Dichloropropene (cis)	75	13.151	13.162	(1.152)	32696	0.20000	0.17
	58 Toluene	92	13.568	13.579	(0.874)	52399	0.20000	0.18
	59 1,3-Dichloropropene (trans)	75	13.948	13.959	(1.222)	31322	0.20000	0.17
	60 1,1,2-Trichloroethane	83	14.216	14.227	(0.915)	23107	0.20000	0.18
	61 Tetrachloroethene	166	14.328	14.344	(0.922)	67760	0.20000	0.17
	63 Dibromochloromethane	129	14.767	14.778	(0.951)	57759	0.20000	0.19
	64 1,2-Dibromoethane	107	14.965	14.976	(0.963)	44857	0.20000	0.18
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2410103	2.00000	
	66 Chlorobenzene	112	15.569	15.585	(1.002)	80709	0.20000	0.20(Q)
	67 Ethylbenzene	91	15.639	15.650	(1.007)	108828	0.20000	0.19
	69 Xylene (m,p)	106	15.789	15.799	(1.017)	84559	0.40000	0.43
M	70 Xylene, Total	106				125570	0.60000	0.65
	71 Xylene (o)	106	16.302	16.318	(1.050)	41011	0.20000	0.22
	73 Bromoform	173	16.628	16.634	(1.071)	42106	0.20000	0.20
	75 1,1,2,2-Tetrachloroethane	83	17.142	17.153	(1.104)	29356	0.20000	0.19
	79 4-Ethyltoluene	105	17.329	17.340	(1.116)	79757	0.20000	0.22
	81 1,3,5-Trimethylbenzene	105	17.399	17.404	(1.120)	64284	0.20000	0.20
	84 1,2,4-Trimethylbenzene	105	17.832	17.843	(1.148)	59106	0.20000	0.20

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: eerag02.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 303352
Lab Sample ID: ccvis 303352

Date: 26-MAR-2012 13:02
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/eerto15.b/eer001.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 04-JAN-2012 16:58
Operator : wrd Inst ID: E.i
Smp Info : BFB
Misc Info : bfb
Comment :
Method : /chem/E.i/Esvr.p/eerto15.b/bfbto15.m
Meth Date : 04-Jan-2012 17:18 wrd Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

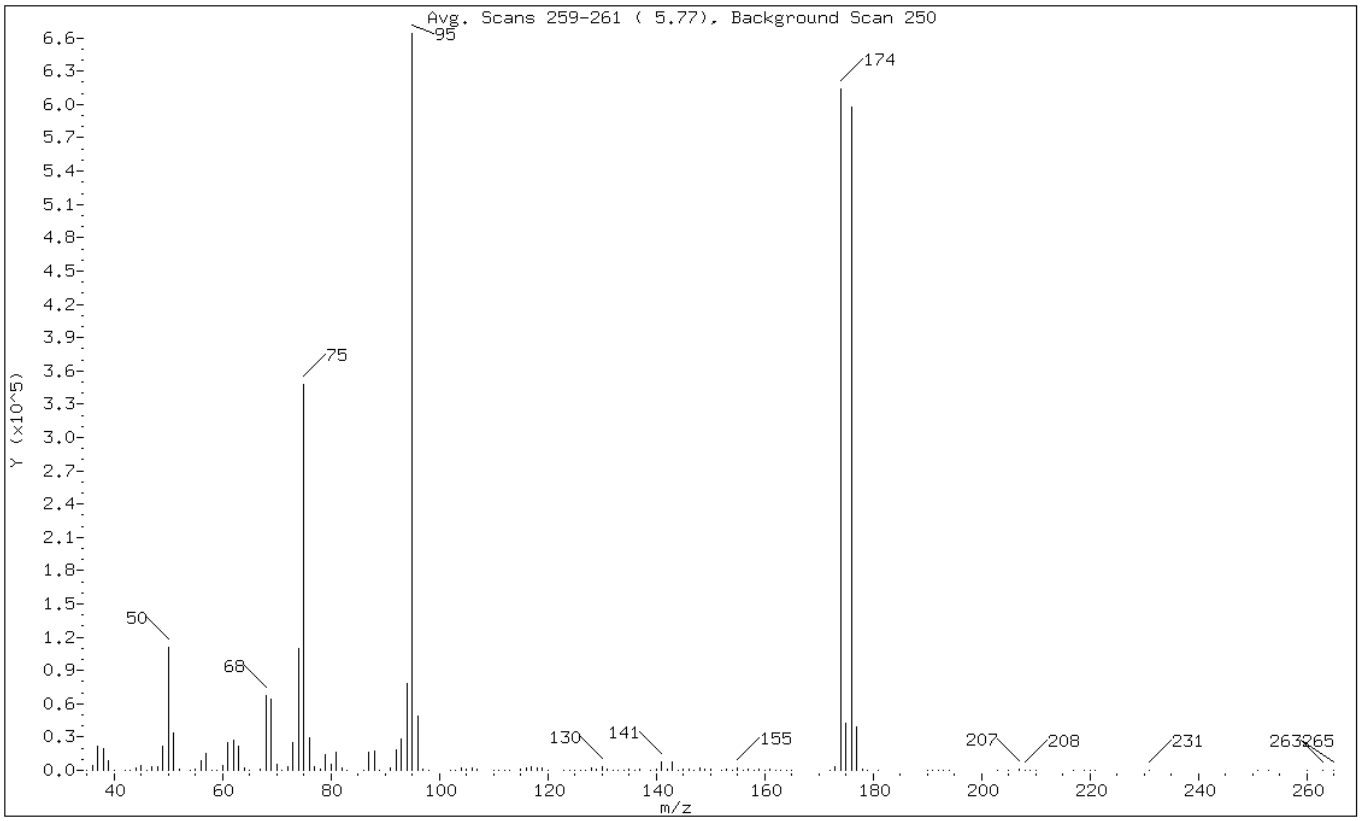
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb						CAS #: 460-00-4		
5.772	5.800	-0.028	95	664058			100.00- 100.00	100.00
5.772	5.800	-0.028	50	111119			8.00- 40.00	16.73
5.772	5.800	-0.028	75	348009			30.00- 66.00	52.41
5.772	5.800	-0.028	96	48402			5.00- 9.00	7.29
5.772	5.800	-0.028	173	3247			0.00- 2.00	0.53
5.772	5.800	-0.028	174	614122			50.00- 120.00	92.48
5.772	5.800	-0.028	175	42240			4.00- 9.00	6.88
5.772	5.800	-0.028	176	597431			93.00- 101.00	97.28
5.772	5.800	-0.028	177	38866			5.00- 9.00	6.51

Data File: eer001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 04-JAN-2012 16:58
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.73
75	30.00 - 66.00% of mass 95	52.41
96	5.00 - 9.00% of mass 95	7.29
173	Less than 2.00% of mass 174	0.49 (0.53)
174	50.00 - 120.00% of mass 95	92.48
175	4.00 - 9.00% of mass 174	6.36 (6.88)
176	93.00 - 101.00% of mass 174	89.97 (97.28)
177	5.00 - 9.00% of mass 176	5.85 (6.51)

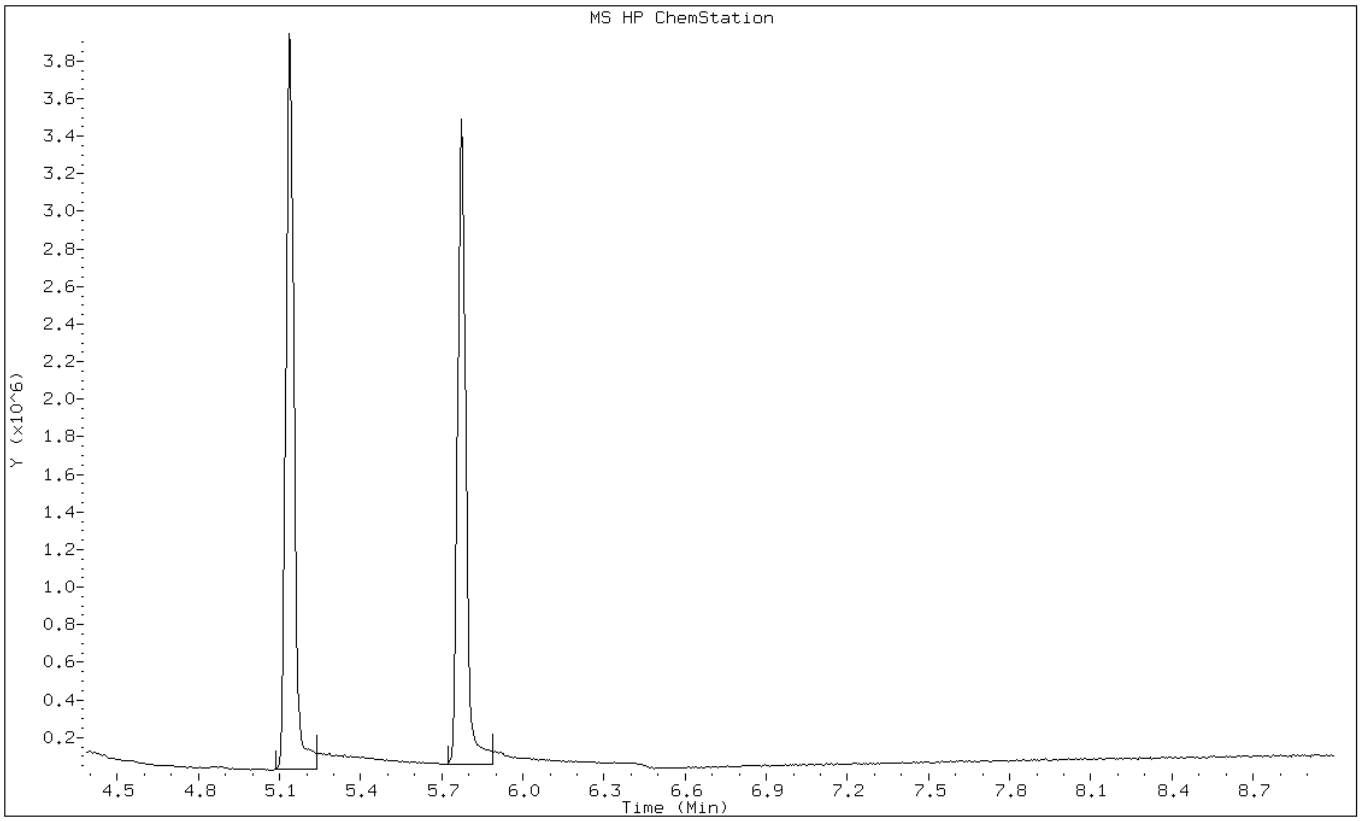
Data File: eer001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 04-JAN-2012 16:58
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/E.i/Esvr.p/eerto15.b/eer001.d
Spectrum: Avg. Scans 259-261 (5.77), Background Scan 250
Location of Maximum: 95.00
Number of points: 145

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	76	75.00	347968	123.00	246	162.00	83
36.00	3963	76.00	29392	124.00	442	163.00	45
37.00	21344	77.00	3038	125.00	269	164.00	35
38.00	19680	78.00	861	126.00	275	165.00	104
39.00	8199	79.00	13746	127.00	336	172.00	463
40.00	214	80.00	4911	128.00	2576	173.00	3247
42.00	125	81.00	16050	129.00	1048	174.00	614080
43.00	244	82.00	2549	130.00	2966	175.00	42240
44.00	1699	83.00	148	131.00	1242	176.00	597376
45.00	4282	86.00	382	132.00	296	177.00	38864
46.00	349	87.00	16067	133.00	98	178.00	1151
47.00	3690	88.00	17072	134.00	149	179.00	39
48.00	2922	89.00	108	135.00	1239	181.00	74
49.00	21952	91.00	1961	136.00	354	190.00	53
50.00	111112	92.00	18704	137.00	1129	191.00	145
51.00	34152	93.00	28216	139.00	154	192.00	270
52.00	1073	94.00	78304	140.00	604	193.00	366
54.00	143	95.00	664000	141.00	7354	194.00	59
55.00	1454	96.00	48400	142.00	766	203.00	79
56.00	8328	97.00	1264	143.00	7128	205.00	50
57.00	15749	98.00	101	144.00	456	207.00	745
58.00	414	102.00	59	145.00	722	208.00	187
59.00	8	103.00	258	146.00	963	209.00	135
60.00	4750	104.00	2540	147.00	106	210.00	107
61.00	25192	105.00	913	148.00	1713	217.00	64
62.00	27448	106.00	2634	149.00	722	219.00	83
63.00	21280	107.00	650	150.00	841	220.00	50
64.00	1952	110.00	426	152.00	366	221.00	76
65.00	525	111.00	515	153.00	681	231.00	55
67.00	1232	112.00	317	154.00	405	251.00	50
68.00	67632	113.00	433	155.00	1791	253.00	51
69.00	64256	115.00	769	156.00	416	260.00	38
70.00	5199	116.00	2261	157.00	1500	263.00	102
71.00	240	117.00	2944	158.00	172	265.00	103
72.00	3331	118.00	2325	159.00	709		
73.00	25168	119.00	2532	160.00	74		
74.00	109864	120.00	210	161.00	1006		

Data File:	eer001.d	Date:	04-JAN-2012 16:58
Client ID:	BFB	Instrument:	E.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



TestAmerica Burlington

Data file : /chem/E.i/Esvr.p/eeragt15.b/eerag01.d
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 26-MAR-2012 12:01
Operator : wrd Inst ID: E.i
Smp Info : BFB
Misc Info : bfb
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/bfbto15.m
Meth Date : 04-Jan-2012 17:18 wrd Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

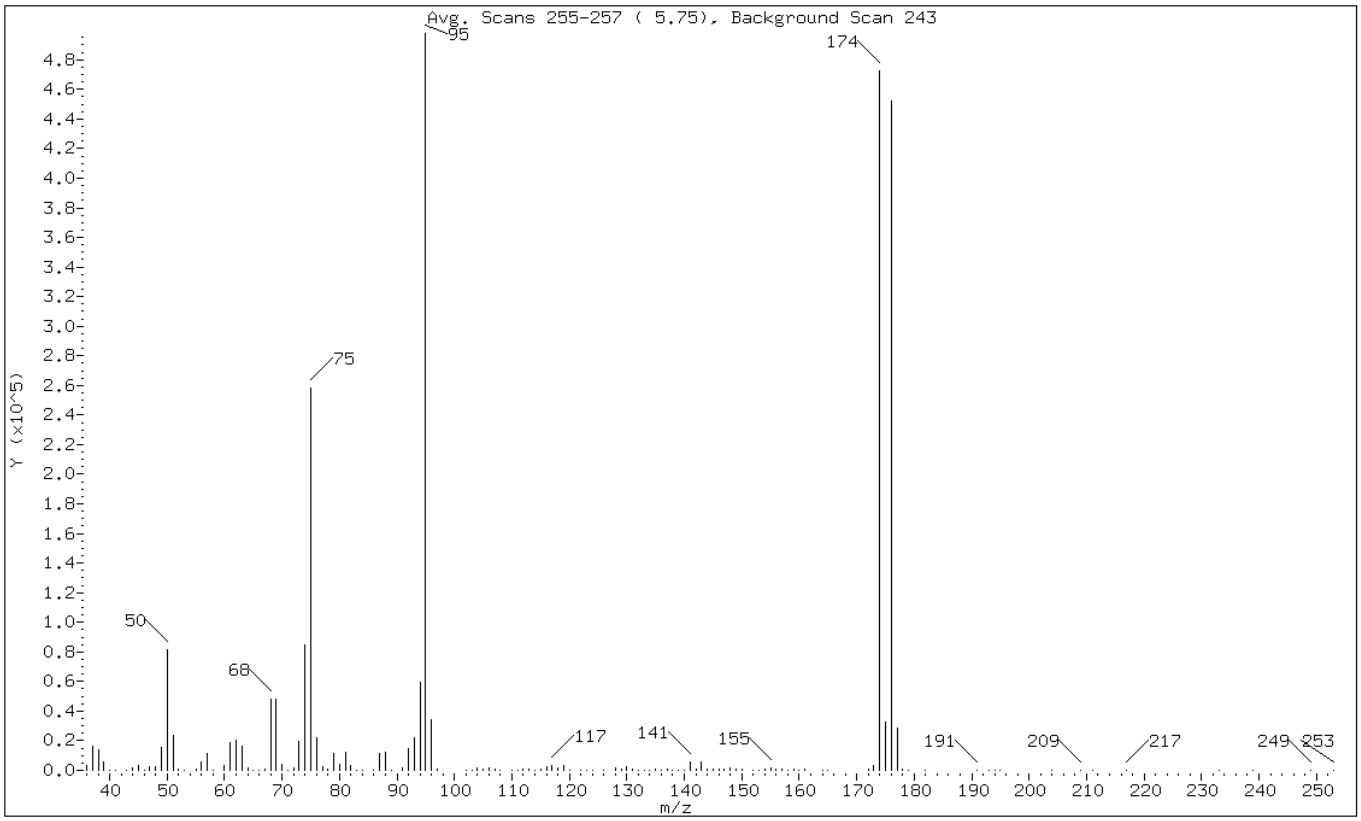
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
$ 1 bfb							CAS #: 460-00-4	
5.751	5.800	-0.049	95	497749			100.00- 100.00	100.00
5.751	5.800	-0.049	50	81370			8.00- 40.00	16.35
5.751	5.800	-0.049	75	258532			30.00- 66.00	51.94
5.751	5.800	-0.049	96	34496			5.00- 9.00	6.93
5.751	5.800	-0.049	173	2897			0.00- 2.00	0.61
5.751	5.800	-0.049	174	472853			50.00- 120.00	95.00
5.751	5.800	-0.049	175	32426			4.00- 9.00	6.86
5.751	5.800	-0.049	176	452245			93.00- 101.00	95.64
5.751	5.800	-0.049	177	28698			5.00- 9.00	6.35

Data File: eerag01.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB
1 bfb

Date: 26-MAR-2012 12:01
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	16.35
75	30.00 - 66.00% of mass 95	51.94
96	5.00 - 9.00% of mass 95	6.93
173	Less than 2.00% of mass 174	0.58 (0.61)
174	50.00 - 120.00% of mass 95	95.00
175	4.00 - 9.00% of mass 174	6.51 (6.86)
176	93.00 - 101.00% of mass 174	90.86 (95.64)
177	5.00 - 9.00% of mass 176	5.77 (6.35)

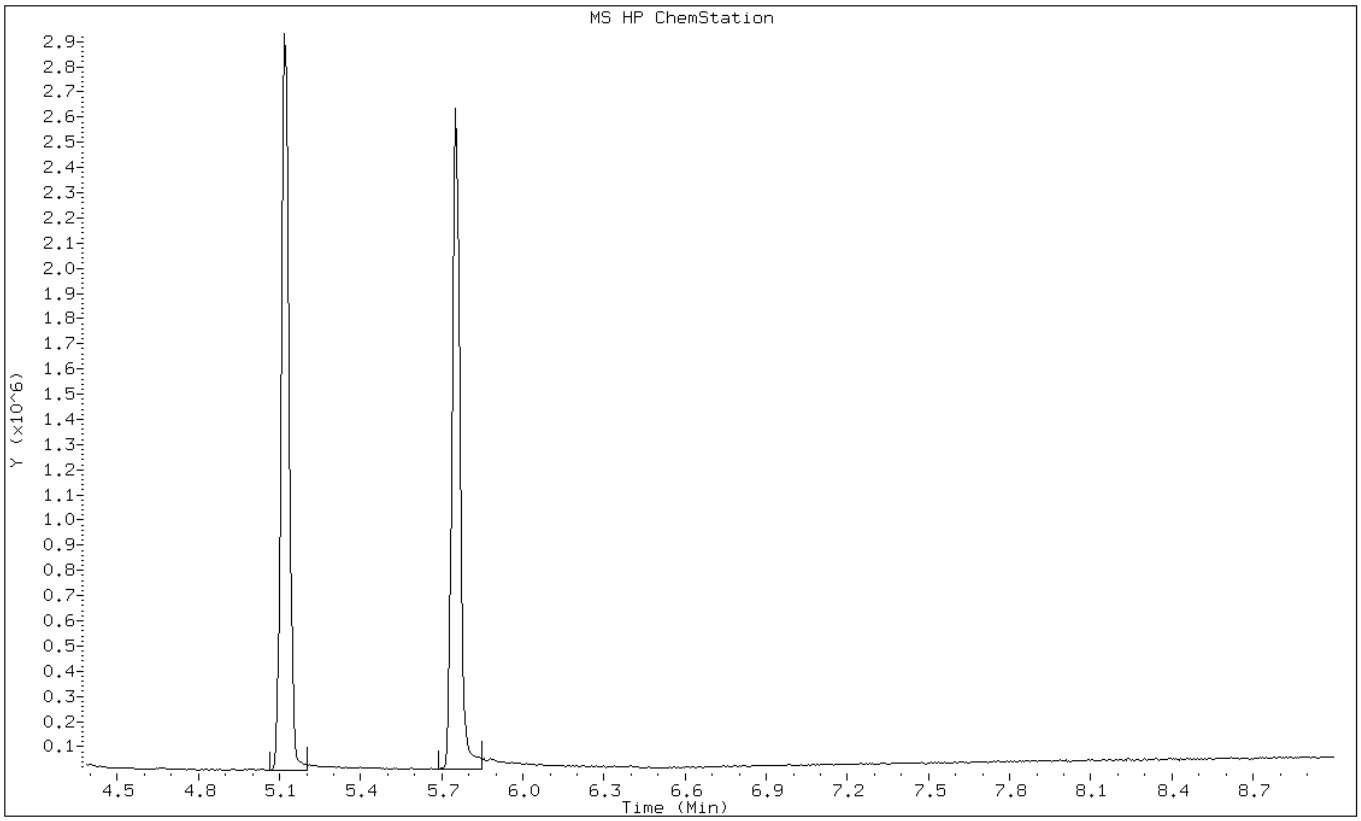
Data File: eerag01.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 26-MAR-2012 12:01
Instrument: E.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)

Data File: /chem/E.i/Esvr.p/eeragt15.b/eerag01.d
Spectrum: Avg. Scans 255-257 (5.75), Background Scan 243
Location of Maximum: 95.00
Number of points: 135

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2970	73.00	19656	114.00	123	152.00	351
37.00	16102	74.00	84528	115.00	451	153.00	393
38.00	14137	75.00	258496	116.00	2204	154.00	436
39.00	5925	76.00	21744	117.00	3115	155.00	1489
40.00	65	77.00	2158	118.00	1544	156.00	413
41.00	84	78.00	1173	119.00	2900	157.00	923
43.00	207	79.00	11192	120.00	62	158.00	288
44.00	2025	80.00	3671	122.00	55	159.00	731
45.00	3098	81.00	12257	123.00	121	160.00	112
46.00	330	82.00	3297	124.00	304	161.00	683
47.00	2229	83.00	272	126.00	226	164.00	75
48.00	2063	84.00	51	128.00	1968	165.00	51
49.00	15394	86.00	355	129.00	940	172.00	629
50.00	81368	87.00	11663	130.00	2101	173.00	2897
51.00	23800	88.00	12183	131.00	873	174.00	472832
52.00	1071	89.00	364	132.00	159	175.00	32424
53.00	52	91.00	1726	133.00	31	176.00	452224
55.00	1010	92.00	14942	134.00	52	177.00	28696
56.00	5515	93.00	21600	135.00	817	178.00	759
57.00	11712	94.00	59568	136.00	210	179.00	73
58.00	368	95.00	497728	137.00	1188	182.00	55
60.00	3292	96.00	34496	138.00	59	191.00	204
61.00	18960	97.00	894	139.00	189	193.00	28
62.00	20184	102.00	60	140.00	407	194.00	53
63.00	16318	103.00	225	141.00	5950	195.00	70
64.00	1566	104.00	1878	142.00	794	204.00	50
65.00	295	105.00	922	143.00	5886	209.00	58
66.00	56	106.00	1818	144.00	419	211.00	54
67.00	827	107.00	521	145.00	524	217.00	61
68.00	48464	108.00	61	146.00	794	233.00	54
69.00	48448	110.00	237	147.00	421	239.00	50
70.00	3792	111.00	318	148.00	1227	249.00	71
71.00	155	112.00	443	149.00	546	253.00	92
72.00	1875	113.00	449	150.00	593		

Data File:	eerag01.d	Date:	26-MAR-2012 12:01
Client ID:	BFB	Instrument:	E.i
Operator:	wrd	Inj Vol:	0.0 (ul)
Column Type:		Diameter:	0.32 (mm)
Stationary Phase:	RTX-624		
Sample Info:	BFB		
Lab Sample ID:	BFB		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: Lab Sample ID: MB 200-35718/4

Matrix: Air Lab File ID: eerag04.d

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/26/2012 14:51

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.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.020	U	0.020	0.020
74-83-9	Bromomethane	94.94	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.010	U	0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	76.53	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
110-54-3	n-Hexane	86.17	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
67-66-3	Chloroform	119.38	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
110-82-7	Cyclohexane	84.16	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.010	U	0.010	0.010
71-43-2	Benzene	78.11	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020
142-82-5	n-Heptane	100.21	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.010	U	0.010	0.010
108-88-3	Toluene	92.14	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.010	U	0.010	0.010
100-41-4	Ethylbenzene	106.17	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: Lab Sample ID: MB 200-35718/4

Matrix: Air Lab File ID: eerag04.d

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/26/2012 14:51

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.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.010	U	0.010	0.010
75-25-2	Bromoform	252.75	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.010	U	0.010	0.010
1330-20-7	Xylenes, Total	106.17	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: Lab Sample ID: MB 200-35718/4

Matrix: Air Lab File ID: eerag04.d

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/26/2012 14:51

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.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.049	U	0.049	0.049
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.070	U	0.070	0.070
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
106-99-0	1,3-Butadiene	54.09	0.044	U	0.044	0.044
74-83-9	Bromomethane	94.94	0.078	U	0.078	0.078
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.087	U	0.087	0.087
75-69-4	Trichlorofluoromethane	137.37	0.056	U	0.056	0.056
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
107-05-1	3-Chloropropene	76.53	0.063	U	0.063	0.063
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
1634-04-4	Methyl tert-butyl ether	88.15	0.036	U	0.036	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
110-54-3	n-Hexane	86.17	0.070	U	0.070	0.070
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
67-66-3	Chloroform	119.38	0.049	U	0.049	0.049
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
110-82-7	Cyclohexane	84.16	0.034	U	0.034	0.034
56-23-5	Carbon tetrachloride	153.81	0.063	U	0.063	0.063
540-84-1	2,2,4-Trimethylpentane	114.23	0.047	U	0.047	0.047
71-43-2	Benzene	78.11	0.032	U	0.032	0.032
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081
142-82-5	n-Heptane	100.21	0.041	U	0.041	0.041
79-01-6	Trichloroethene	131.39	0.054	U	0.054	0.054
78-87-5	1,2-Dichloropropane	112.99	0.092	U	0.092	0.092
75-27-4	Bromodichloromethane	163.83	0.067	U	0.067	0.067
10061-01-5	cis-1,3-Dichloropropene	110.97	0.045	U	0.045	0.045
108-88-3	Toluene	92.14	0.038	U	0.038	0.038
10061-02-6	trans-1,3-Dichloropropene	110.97	0.045	U	0.045	0.045
79-00-5	1,1,2-Trichloroethane	133.41	0.055	U	0.055	0.055
127-18-4	Tetrachloroethene	165.83	0.068	U	0.068	0.068
124-48-1	Dibromochloromethane	208.29	0.085	U	0.085	0.085
106-93-4	1,2-Dibromoethane	187.87	0.077	U	0.077	0.077
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: Lab Sample ID: MB 200-35718/4

Matrix: Air Lab File ID: eerag04.d

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/26/2012 14:51

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.: 35718 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.043	U	0.043	0.043
75-25-2	Bromoform	252.75	0.10	U	0.10	0.10
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.069	U	0.069	0.069
622-96-8	4-Ethyltoluene	120.20	0.049	U	0.049	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.098	U	0.098	0.098
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.043	U	0.043	0.043
1330-20-7	Xylenes, Total	106.17	0.043	U	0.043	0.043

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeragt15.b/eerag04.d
Lab Smp Id: mb
Inj Date : 26-MAR-2012 14:51
Operator : wrd Inst ID: E.i
Smp Info : mb
Misc Info : 500,1,mb
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL+CRREL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

Cpnd Variable Local Compound Variable

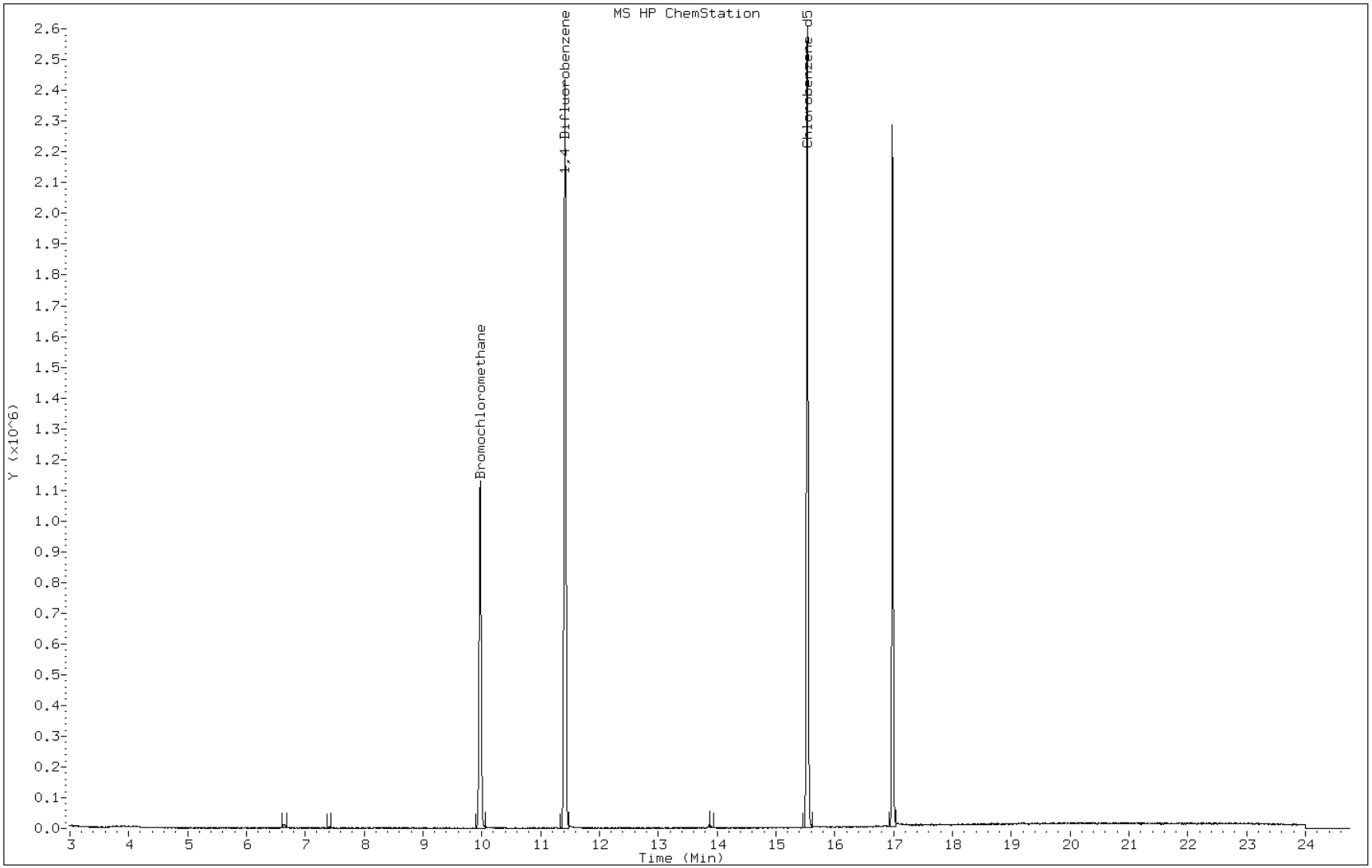
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	3.548	3.543	(0.356)	1297	0.02040	0.020(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-Trifluo	101	Compound Not Detected.					
19 1,1-Dichloroethene	96	Compound Not Detected.					
22 Allyl chloride	41	Compound Not Detected.					
25 Methylene chloride	49	7.422	7.433	(0.744)	3243	0.02725	0.027(a)
27 1,2-Dichloroethene (trans)	61	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	28 Methyl tert-butyl ether	73	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
M	33 1,2-Dichloroethene, Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
*	36 Bromochloromethane	128	9.973	9.990	(1.000)	457968	2.00000	
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.412	11.429	(1.000)	2594966	2.00000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	1858865	2.00000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylene, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	eerag04.d	Date:	26-MAR-2012 14:51
Client ID:		Instrument:	E.i
Operator:	wrd	Inj Vol:	500.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: Lab Sample ID: LCS 200-35718/3

Matrix: Air Lab File ID: eerag03.d

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/26/2012 13:57

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.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.187		0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.168		0.010	0.010
75-01-4	Vinyl chloride	62.50	0.153		0.020	0.020
106-99-0	1,3-Butadiene	54.09	0.143		0.020	0.020
74-83-9	Bromomethane	94.94	0.160		0.020	0.020
75-00-3	Chloroethane	64.52	0.155		0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.167		0.020	0.020
75-69-4	Trichlorofluoromethane	137.37	0.173		0.010	0.010
75-35-4	1,1-Dichloroethene	96.94	0.183		0.010	0.010
107-05-1	3-Chloropropene	76.53	0.154		0.020	0.020
75-09-2	Methylene Chloride	84.93	0.191		0.10	0.10
1634-04-4	Methyl tert-butyl ether	88.15	0.183		0.010	0.010
156-60-5	trans-1,2-Dichloroethene	96.94	0.162		0.010	0.010
110-54-3	n-Hexane	86.17	0.163		0.020	0.020
75-34-3	1,1-Dichloroethane	98.96	0.151		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.169		0.010	0.010
67-66-3	Chloroform	119.38	0.168		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.177		0.010	0.010
110-82-7	Cyclohexane	84.16	0.181		0.010	0.010
56-23-5	Carbon tetrachloride	153.81	0.176		0.010	0.010
540-84-1	2,2,4-Trimethylpentane	114.23	0.162		0.010	0.010
71-43-2	Benzene	78.11	0.159		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.171		0.020	0.020
142-82-5	n-Heptane	100.21	0.155		0.010	0.010
79-01-6	Trichloroethene	131.39	0.170		0.010	0.010
78-87-5	1,2-Dichloropropane	112.99	0.172		0.020	0.020
75-27-4	Bromodichloromethane	163.83	0.184		0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	110.97	0.159		0.010	0.010
108-88-3	Toluene	92.14	0.172		0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	110.97	0.155		0.010	0.010
79-00-5	1,1,2-Trichloroethane	133.41	0.166		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.170		0.010	0.010
124-48-1	Dibromochloromethane	208.29	0.191		0.010	0.010
106-93-4	1,2-Dibromoethane	187.87	0.171		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.180		0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Client Sample ID: Lab Sample ID: LCS 200-35718/3

Matrix: Air Lab File ID: eerag03.d

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/26/2012 13:57

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.: 35718 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	0.192		0.010	0.010
75-25-2	Bromoform	252.75	0.196		0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.187		0.010	0.010
622-96-8	4-Ethyltoluene	120.20	0.199		0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	120.20	0.183		0.020	0.020
540-59-0	1,2-Dichloroethene, Total	96.94	0.331		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.387		0.010	0.010
1330-20-7	Xylenes, Total	106.17	0.579		0.010	0.010

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/eeragt15.b/eerag03.d
Lab Smp Id: lcs 299262
Inj Date : 26-MAR-2012 13:57
Operator : wrd Inst ID: E.i
Smp Info : lcs 299262
Misc Info : 500,1,lcs
Comment :
Method : /chem/E.i/Esvr.p/eeragt15.b/to15ll3t.m
Meth Date : 27-Mar-2012 09:46 wrd Quant Type: ISTD
Cal Date : 05-JAN-2012 02:54 Cal File: eer012.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL+CRREL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	500.00000	Method Sample Volume (mL)
Vf	500.00000	Sample Volume Injected (mL)

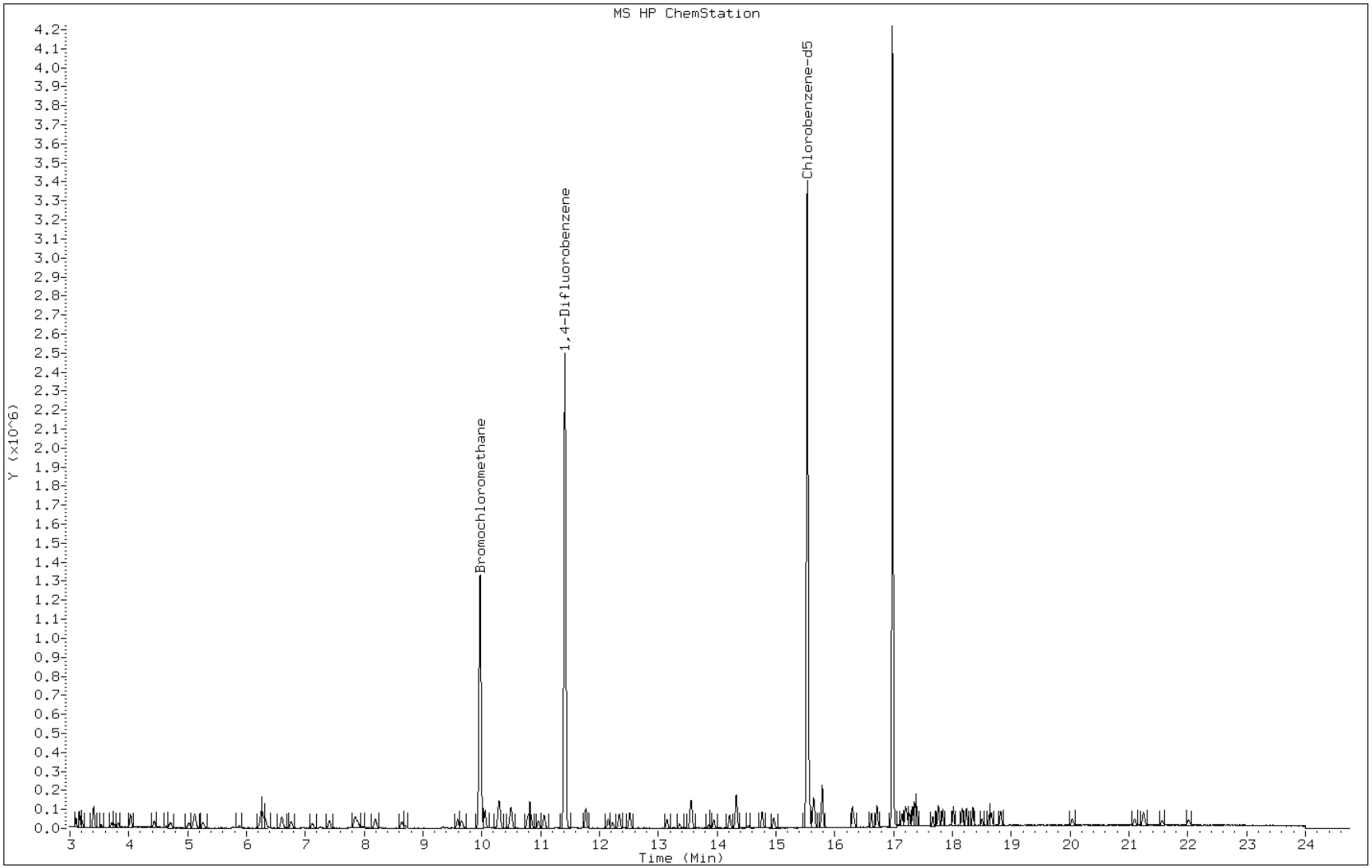
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85	3.169	3.174	(0.318)	74317	0.18728	0.19
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.404	3.415	(0.341)	64442	0.16799	0.17
5 Chloromethane	50	3.538	3.543	(0.355)	14967	0.19612	0.20
7 Vinyl chloride	62	3.752	3.757	(0.376)	16735	0.15340	0.15
8 1,3-Butadiene	54	3.821	3.827	(0.383)	10686	0.14350	0.14
9 Bromomethane	94	4.431	4.447	(0.444)	21422	0.16011	0.16
10 Chloroethane	64	4.645	4.656	(0.466)	9185	0.15501	0.16
12 Vinyl bromide	106	5.025	5.036	(0.504)	25607	0.16662	0.17
13 Trichlorofluoromethane	101	5.116	5.138	(0.513)	101416	0.17299	0.17
17 1,1,2-Trichloro-1,2,2-Trifluo	101	6.266	6.282	(0.628)	71905	0.18810	0.19
19 1,1-Dichloroethene	96	6.325	6.341	(0.634)	30602	0.18323	0.18
22 Allyl chloride	41	7.122	7.138	(0.714)	19992	0.15354	0.15
25 Methylene chloride	49	7.406	7.433	(0.743)	27323	0.19126	0.19
27 1,2-Dichloroethene (trans)	61	7.839	7.861	(0.786)	38563	0.16233	0.16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/vv)	FINAL (ppb v/v)
	28 Methyl tert-butyl ether	73	7.882	7.946	(0.790)	68067	0.18294	0.18
	30 n-Hexane	57	8.197	8.203	(0.822)	32901	0.16310	0.16
	31 1,1-Dichloroethane	63	8.647	8.658	(0.867)	41425	0.15118	0.15
M	33 1,2-Dichloroethene, Total	61				67038	0.33139	0.33
	34 1,2-Dichloroethene (cis)	96	9.594	9.605	(0.962)	28475	0.16906	0.17
*	36 Bromochloromethane	128	9.973	9.990	(1.000)	549782	2.00000	
	39 Chloroform	83	10.059	10.075	(1.009)	66986	0.16772	0.17
	40 Cyclohexane	84	10.289	10.305	(0.902)	43030	0.18133	0.18
	41 1,1,1-Trichloroethane	97	10.294	10.316	(0.902)	87364	0.17667	0.18
	42 Carbon tetrachloride	117	10.503	10.514	(0.920)	100998	0.17592	0.18
	43 2,2,4-Trimethylpentane	57	10.797	10.803	(0.946)	96968	0.16187	0.16
	44 Benzene	78	10.840	10.851	(0.950)	71277	0.15921	0.16
	45 1,2-Dichloroethane	62	10.958	10.979	(0.960)	40452	0.17111	0.17
	46 n-Heptane	43	11.059	11.076	(0.969)	28448	0.15532	0.16
*	47 1,4-Difluorobenzene	114	11.412	11.429	(1.000)	2642731	2.00000	
	49 Trichloroethene	95	11.766	11.782	(1.031)	42056	0.17004	0.17
	50 1,2-Dichloropropane	63	12.156	12.162	(1.065)	21092	0.17178	0.17
	54 Bromodichloromethane	83	12.515	12.531	(1.097)	63494	0.18366	0.18
	55 1,3-Dichloropropene (cis)	75	13.156	13.162	(1.153)	30781	0.15885	0.16
	58 Toluene	92	13.563	13.579	(0.873)	51749	0.17191	0.17
	59 1,3-Dichloropropene (trans)	75	13.943	13.959	(1.222)	27943	0.15528	0.16
	60 1,1,2-Trichloroethane	83	14.210	14.227	(0.915)	21905	0.16628	0.17
	61 Tetrachloroethene	166	14.328	14.344	(0.922)	67900	0.16971	0.17
	63 Dibromochloromethane	129	14.767	14.778	(0.951)	59019	0.19079	0.19
	64 1,2-Dibromoethane	107	14.965	14.976	(0.963)	42986	0.17071	0.17
*	65 Chlorobenzene-d5	117	15.532	15.543	(1.000)	2426002	2.00000	
	66 Chlorobenzene	112	15.569	15.585	(1.002)	76822	0.18599	0.18
	67 Ethylbenzene	91	15.639	15.650	(1.007)	102495	0.17987	0.18
	69 Xylene (m,p)	106	15.789	15.799	(1.017)	76328	0.38718	0.39
M	70 Xylene, Total	106				112539	0.57940	0.58
	71 Xylene (o)	106	16.307	16.318	(1.050)	36211	0.19222	0.19
	73 Bromoform	173	16.628	16.634	(1.071)	40857	0.19595	0.20
	75 1,1,2,2-Tetrachloroethane	83	17.142	17.153	(1.104)	28733	0.18708	0.19
	79 4-Ethyltoluene	105	17.324	17.340	(1.115)	72769	0.19885	0.20
	81 1,3,5-Trimethylbenzene	105	17.393	17.404	(1.120)	57607	0.18266	0.18
	84 1,2,4-Trimethylbenzene	105	17.832	17.843	(1.148)	52257	0.17912	0.18

Data File: eerag03.d
Client ID:
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 299262
Lab Sample ID: lcs 299262

Date: 26-MAR-2012 13:57
Instrument: E.i
Inj Vol: 500.0
Diameter: 0.32



GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	EERAG	Start Date: 3/26/12	Time: 1201	ISTD Lot #:	218059	Instrument ID: E
Test Method:	TO15L	End Date: 3/27/12	Time: 1201	CAL STD Lot #	303352	Instrument: 5973
ICAL Date:	3/28			ICV / LCS Lot #	299262	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1201	EERAG-01		RFB	4	17	17	WRD	17	17	WRD	
1302	02	3413	CCV		2	500		17	✓	↓	acc CERTS OK
1357	03	2523	LCS		3			✓	✓		AC
1451	04	4983	MB		4			✓	-	AHL	ch
1546	0.5	2800	9809-23		5	500	WRD	✓	1	WRD	C
1641	06	3004	-24	8.06	6	62		✓	1		C
1735	07	4942	-25	9.09	7	55		✓	✓		C
1830	08	3661	9954-3		8	500		✓	1		C
1924	09	2907	-4		9			✓	✓		C
2018	10	2876	-5		10			✓	✓		C
2112	11	3523	-6		11			✓	✓		C
2207	12	3497	-7		12			✓	✓		C
2301	13	3539	-8		13			✓	✓		C
2354	14	3660	-9		14			✓	✓		C
0048	15	4632	9901-1	4	15	125		✓	✓		C
0142	16	4118	-2		16			✓	✓		C
0236	17	2672	-3		1			✓	✓		C
0329	18	4153	-4		2			✓	✓		C
0422	19	3286	-5		3			✓	✓		C
0516	20	3374	-6		4			✓	✓		C
0610	21	4360	-7		5			✓	✓		C
0704	22	5119	-08		6	AHL	AHL	✓	✓		C
0758	23	3709	-09		7			✓	✓		C
0853	24	4313	-10		8			✓	✓		C

3/27/12

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Instrument ID: E.i Start Date: 01/04/2012 16:58

Analysis Batch Number: 31788 End Date: 01/05/2012 05:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-31788/1		01/04/2012 16:58	1	eer001.d	RTX-624 0.32(mm)
VIBLK 200-31788/2		01/04/2012 17:47	1		RTX-624 0.32(mm)
IC 200-31788/3		01/04/2012 18:42	1	eer003.d	RTX-624 0.32(mm)
IC 200-31788/4		01/04/2012 19:37	1	eer004.d	RTX-624 0.32(mm)
IC 200-31788/5		01/04/2012 20:32	1	eer005.d	RTX-624 0.32(mm)
IC 200-31788/6		01/04/2012 21:26	1	eer006.d	RTX-624 0.32(mm)
ICIS 200-31788/7		01/04/2012 22:21	1	eer007.d	RTX-624 0.32(mm)
IC 200-31788/8		01/04/2012 23:16	1	eer008.d	RTX-624 0.32(mm)
IC 200-31788/9		01/05/2012 00:10	1	eer009.d	RTX-624 0.32(mm)
IC 200-31788/10		01/05/2012 01:05	1	eer010.d	RTX-624 0.32(mm)
IC 200-31788/11		01/05/2012 02:00	1	eer011.d	RTX-624 0.32(mm)
IC 200-31788/12		01/05/2012 02:54	1	eer012.d	RTX-624 0.32(mm)
VIBLK 200-31788/13		01/05/2012 03:49	1		RTX-624 0.32(mm)
ICV 200-31788/14		01/05/2012 04:44	1	eer014.d	RTX-624 0.32(mm)
VIBLK 200-31788/15		01/05/2012 05:38	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-9901-1

SDG No.: 200-9901-1

Instrument ID: E.i Start Date: 03/26/2012 12:01

Analysis Batch Number: 35718 End Date: 03/27/2012 08:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-35718/1		03/26/2012 12:01	1	eerag01.d	RTX-624 0.32(mm)
CCVIS 200-35718/2		03/26/2012 13:02	1	eerag02.d	RTX-624 0.32(mm)
LCS 200-35718/3		03/26/2012 13:57	1	eerag03.d	RTX-624 0.32(mm)
MB 200-35718/4		03/26/2012 14:51	1	eerag04.d	RTX-624 0.32(mm)
ZZZZZ		03/26/2012 15:46	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 16:41	8.06		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 17:35	9.09		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 18:30	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 19:24	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 20:18	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 21:12	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 22:07	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 23:01	1		RTX-624 0.32(mm)
ZZZZZ		03/26/2012 23:54	1		RTX-624 0.32(mm)
200-9901-1	IA-031512-CM-29	03/27/2012 00:48	4	eerag15.d	RTX-624 0.32(mm)
200-9901-2	IA-031512-CM-30	03/27/2012 01:42	4	eerag16.d	RTX-624 0.32(mm)
200-9901-3	IA-031512-CM-31	03/27/2012 02:36	4	eerag17.d	RTX-624 0.32(mm)
200-9901-4	IA-031512-CM-32	03/27/2012 03:29	4	eerag18.d	RTX-624 0.32(mm)
200-9901-5	IA-031512-CM-33	03/27/2012 04:22	4	eerag19.d	RTX-624 0.32(mm)
200-9901-6	IA-031512-CM-34	03/27/2012 05:16	4	eerag20.d	RTX-624 0.32(mm)
200-9901-7	IA-031512-CM-35	03/27/2012 06:10	4	eerag21.d	RTX-624 0.32(mm)
200-9901-8	IA-031512-CM-36-DUP	03/27/2012 07:04	4	eerag22.d	RTX-624 0.32(mm)
200-9901-9	IA-031512-CM-37	03/27/2012 07:58	4	eerag23.d	RTX-624 0.32(mm)
200-9901-10	AA-031512-CM-38	03/27/2012 08:53	4	eerag24.d	RTX-624 0.32(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
O'Brien	9901	3/19/12	1947	29.5	22	G6	MP

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) 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
1	2632	-5.9	N	3115	Y	2632GG1HD	24hr 48/p89
2	4118	-8.2	"	2826	"	4118GG1HD	"
3	2672	-6.1	"	3742	"	2672GG1HD	"
4	4153	-5.4	"	4491	"	4153GG1HD	24hr 48/p88
5	3286	-5.6	"	3026	"	3286GG1HD	24hr 48/p89
6	3374	-5.6	"	5222	"	3374GG1HD	"
7	4360	-6.6	"	4394	"	4360GG1HD	"
8	5119	-6.6	"	5240	"	5119GG1HD	48/p76
9	3129	-7.5	"	~~3295~~ 3425	"	3129GG1HD	48/p85
10	4313	-5.7	"	4202	"	4313GG1HD	48/p88
						3/19/12	

[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 # 48/p76, p88, p89

Pre-Shipment Clean Canister Certification Report

Certification Type: ☐ Batch ☑ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
Bottom	10	3/7/12	SML	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading	Final Reading
						Gauge ID: G1	Gauge ID: G1
1	4153	-29.1	-29.0	-29.0	0.0	Date: 3/8/12	Date: 3/13/12
2	2672					Time: 0830	Time: 0945
3	3083					Tech: S	Tech: S
4	2632					BP: 29.3 ("Hg)	BP: 29.2 ("Hg)
5	3129					Temp 22 (°C)	Temp: 22 (°C)
6	4118					[3]Acceptance Criteria:	
7	3286					(1) The difference must be less than or equal to + 0.5	
8	3374					(2) Pressure readings must be at least 24 hours apart.	
9	4313					If time frame was not met, the PM must authorize shipment of canister:	
10	4360					*PM Authorization:*	
11	3627						
12	~~5417~~ 4119	~~RMA 3/13~~				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: ☒ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15				Inventory Level					Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date	Reviewer
4153	3/8/12	GGHD	AHK		✓				03/12/12	KLP
2672	3/8/12	GGHD	AHK		✓					
3083	3/8/12	GGHD	AHK		✓					
2632	3/8/12	GGHD	AHK		✓					
3129	3/9/12	GGHD	PAD		✓					
4118					✓					
3286					✓					
3374					✓					
4313					✓					
4360					✓					
3627					✓					
~~5417~~ 4119	~~RMA 3/13~~				✓					

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: Please Cert ALL '04 ppbs



200-9655-A-2
2672
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300174

Loc: 200
9655
#2
A



00-9655-A-3
083
ocation: Air-Storage
ottle: Summa Canister 6L
ampled: 3/7/2012 12:00 AM 200-300175

Loc: 200
9655
#3
A



200-9655-A-4
2632
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300176

Loc: 200
9655
#4
A



)0-9655-A-5
29
ıcation: Air-Storage
ottle: Summa Canister 6L
ampled: 3/7/2012 12:00 AM 200-300177

Loc: 200
9655
#5
A



200-9655-A-6
4118
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300178

Loc: 200
9655
#6
A



200-9655-A-7
3290
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300179

Loc: 200
9655
#7
A



200-9655-A-8
3374
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300180

Loc: 200
9655
#8
A



200-9655-A-9
4313
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300181

Loc: 200
9655
#9
A



200-9655-A-10
4360
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300182

Loc: 200
9655
#10
A



200-9655-A-11
3627
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300183

Loc: 200
9655
#11
A



200-9655-A-12
5119
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/7/2012 12:00 AM 200-300184

Loc: 200
9655
#12
A

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gghd003.d

Lab ID: LCS 200-34700/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.22	82	70-130	
Dichlorodifluoromethane	10.0	8.99	90	70-130	
Freon 22	10.0	8.68	87	70-130	
1,2-Dichlorotetrafluoroethane	10.0	8.79	88	70-130	
Chloromethane	10.0	8.40	84	70-130	
n-Butane	10.0	8.25	83	70-130	
Vinyl chloride	10.0	8.86	89	70-130	
1,3-Butadiene	10.0	9.11	91	70-130	
Bromomethane	10.0	8.60	86	70-130	
Chloroethane	10.0	8.42	84	70-130	
Bromoethene(Vinyl Bromide)	10.0	9.35	94	70-130	
Trichlorofluoromethane	10.0	8.99	90	70-130	
Ethanol	15.0	12.6	84	70-130	
Freon TF	10.0	9.94	99	70-130	
1,1-Dichloroethene	10.0	10.1	101	70-130	
Acetone	10.0	10.1	101	70-130	
Isopropyl alcohol	10.0	8.51	85	70-130	
Carbon disulfide	10.0	9.21	92	70-130	
3-Chloropropene	10.0	8.41	84	70-130	
Methylene Chloride	10.0	9.35	94	70-130	
tert-Butyl alcohol	10.0	8.42	84	70-130	
Methyl tert-butyl ether	10.0	9.16	92	70-130	
trans-1,2-Dichloroethene	10.0	8.76	88	70-130	
n-Hexane	10.0	8.75	87	70-130	
1,1-Dichloroethane	10.0	8.78	88	70-130	
Vinyl acetate	10.0	8.95	89	70-130	
Ethyl acetate	10.0	9.27	93	70-130	
Methyl Ethyl Ketone	10.0	7.97	80	70-130	
cis-1,2-Dichloroethene	10.0	9.55	96	70-130	
Chloroform	10.0	8.99	90	70-130	
Tetrahydrofuran	10.0	9.66	97	70-130	
1,1,1-Trichloroethane	10.0	9.65	97	70-130	
Cyclohexane	10.0	9.64	96	70-130	
Carbon tetrachloride	10.0	9.80	98	70-130	
2,2,4-Trimethylpentane	10.0	9.15	92	70-130	
Benzene	10.0	9.20	92	70-130	
1,2-Dichloroethane	10.0	9.48	95	70-130	
n-Heptane	10.0	8.93	89	70-130	
Trichloroethene	10.0	9.41	94	70-130	
Methyl methacrylate	10.0	8.95	90	70-130	
1,2-Dichloropropane	10.0	8.81	88	70-130	
1,4-Dioxane	10.0	8.25	82	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gghd003.d

Lab ID: LCS 200-34700/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.46	95	70-130	
cis-1,3-Dichloropropene	10.0	9.34	93	70-130	
methyl isobutyl ketone	10.0	9.19	92	70-130	
Toluene	10.0	8.24	82	70-130	
trans-1,3-Dichloropropene	10.0	9.14	91	70-130	
1,1,2-Trichloroethane	10.0	7.80	78	70-130	
Tetrachloroethene	10.0	8.51	85	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	7.75	77	70-130	
Dibromochloromethane	10.0	8.81	88	70-130	
1,2-Dibromoethane	10.0	8.47	85	70-130	
Chlorobenzene	10.0	8.18	82	70-130	
Ethylbenzene	10.0	8.44	84	70-130	
m,p-Xylene	20.0	17.0	85	70-130	
Xylene, o-	10.0	8.27	83	70-130	
Styrene	10.0	8.72	87	70-130	
Bromoform	10.0	9.00	90	70-130	
Cumene	10.0	8.82	88	70-130	
1,1,2,2-Tetrachloroethane	10.0	7.96	80	70-130	
n-Propylbenzene	10.0	8.82	88	70-130	
4-Ethyltoluene	10.0	9.19	92	70-130	
1,3,5-Trimethylbenzene	10.0	8.81	88	70-130	
2-Chlorotoluene	10.0	8.61	86	70-130	
tert-Butylbenzene	10.0	8.84	88	70-130	
1,2,4-Trimethylbenzene	10.0	8.61	86	70-130	
sec-Butylbenzene	10.0	8.85	89	70-130	
4-Isopropyltoluene	10.0	9.14	91	70-130	
1,3-Dichlorobenzene	10.0	8.40	84	70-130	
1,4-Dichlorobenzene	10.0	8.10	81	70-130	
Benzyl chloride	10.0	7.42	74	70-130	
n-Butylbenzene	10.0	9.09	91	70-130	
1,2-Dichlorobenzene	10.0	8.22	82	70-130	
1,2,4-Trichlorobenzene	10.0	7.76	78	70-130	
Hexachlorobutadiene	10.0	8.94	89	70-130	
Naphthalene	10.0	7.65	77	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab File ID: gghd004.d Lab Sample ID: MB 200-34700/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 03/08/2012 12:40

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 200-34700/3	gghd003.d	03/08/2012 11:51
4153	200-9655-1	gghd008.d	03/08/2012 16:00
2672	200-9655-2	gghd009.d	03/08/2012 16:54
3083	200-9655-3	gghd010.d	03/08/2012 17:48
2632	200-9655-4	gghd011.d	03/08/2012 18:42
3129	200-9655-5	gghd015.d	03/08/2012 22:06
4118	200-9655-6	gghd016.d	03/08/2012 23:00
3286	200-9655-7	gghd017.d	03/08/2012 23:54
3374	200-9655-8	gghd018.d	03/09/2012 00:48
4313	200-9655-9	gghd022.d	03/09/2012 04:09
4360	200-9655-10	gghd023.d	03/09/2012 05:03
3627	200-9655-11	gghd024.d	03/09/2012 05:58
5119	200-9655-12	gghd025.d	03/09/2012 06:52

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-34700/4

Matrix: Air Lab File ID: gghd004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/08/2012 12:40

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-34700/4

Matrix: Air Lab File ID: gghd004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/08/2012 12:40

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-34700/4

Matrix: Air Lab File ID: gghd004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 03/08/2012 12:40

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gghdto15.b/gghd004.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 08-MAR-2012 12:40
Operator : pad Inst ID: G.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

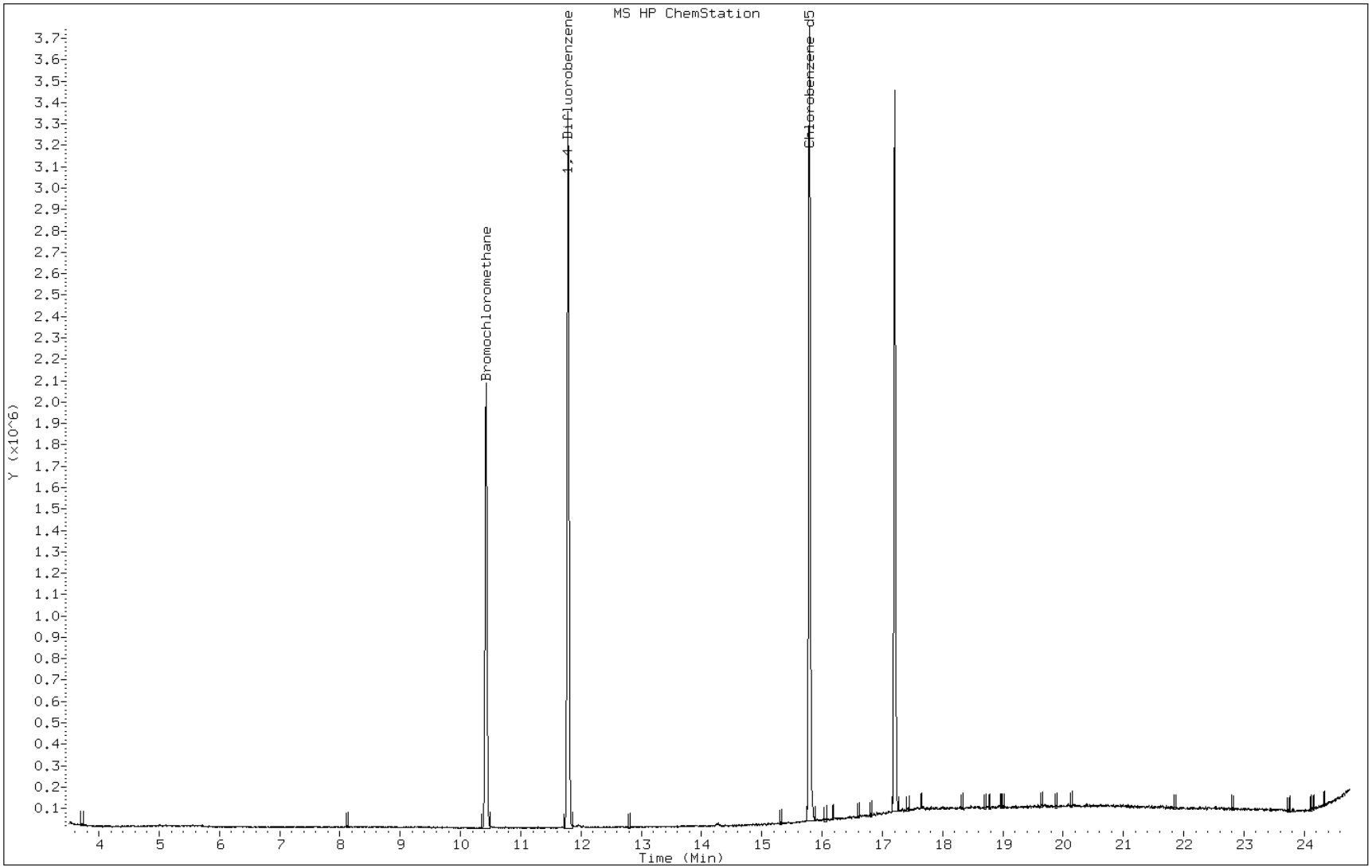
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15	Ethanol	45	Compound Not Detected.					
16	Ethyl ether	59	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
18	Acrolein	56	Compound Not Detected.					
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	Compound Not Detected.					
21	Carbon disulfide	76	Compound Not Detected.					
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
24	Acetonitrile	41	Compound Not Detected.					
25	Methylene chloride	49	8.120	8.126	(0.779)	3572	0.04524	0.045(aQ)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
29	Acrylonitrile	53	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	10.426	10.431	(1.000)	814038	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	Compound Not Detected.					
44	Benzene	78	Compound Not Detected.					
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	Compound Not Detected.					
* 47	1,4-Difluorobenzene	114	11.785	11.790	(1.000)	3659161	10.0000	
48	n-Butanol	56	Compound Not Detected.					
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
52	Dibromomethane	174	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
57	n-Octane	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.792	15.797	(1.000)	2841732	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	gghd004.d	Date:	08-MAR-2012 12:40
Client ID:	mb	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab File ID: ggh001.d BFB Injection Date: 03/02/2012

Instrument ID: G.i BFB Injection Time: 14:16

Analysis Batch No.: 34477

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.1	
75	30.0 - 66.0% of mass 95	45.7	
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	0.6	(0.6)1
174	50.0 - 120.0% of mass 95	95.5	
175	4.0 - 9.0 % of mass 174	6.7	(7.0)1
176	93.0 - 101.0% of mass 174	91.4	(95.8)1
177	5.0 - 9.0% of mass 176	6.1	(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
	IC 200-34477/3	ggh003.d	03/02/2012	15:54
	IC 200-34477/4	ggh004.d	03/02/2012	16:43
	IC 200-34477/6	ggh006.d	03/02/2012	18:22
	IC 200-34477/7	ggh007.d	03/02/2012	19:11
	ICIS 200-34477/8	ggh008.d	03/02/2012	20:00
	IC 200-34477/9	ggh009.d	03/02/2012	20:48
	IC 200-34477/10	ggh010.d	03/02/2012	21:37
	IC 200-34477/11	ggh011.d	03/02/2012	22:27
	ICV 200-34477/16	ggh016.d	03/03/2012	02:31

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab File ID: gghd001.d BFB Injection Date: 03/08/2012

Instrument ID: G.i BFB Injection Time: 10:04

Analysis Batch No.: 34700

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.2	
75	30.0 - 66.0% of mass 95	43.6	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	102.6	
175	4.0 - 9.0 % of mass 174	7.1	(6.9)1
176	93.0 - 101.0% of mass 174	100.6	(98.1)1
177	5.0 - 9.0% of mass 176	6.2	(6.2)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 200-34700/2	gghd002.d	03/08/2012	10:56
	LCS 200-34700/3	gghd003.d	03/08/2012	11:51
	MB 200-34700/4	gghd004.d	03/08/2012	12:40
4153	200-9655-1	gghd008.d	03/08/2012	16:00
2672	200-9655-2	gghd009.d	03/08/2012	16:54
3083	200-9655-3	gghd010.d	03/08/2012	17:48
2632	200-9655-4	gghd011.d	03/08/2012	18:42
3129	200-9655-5	gghd015.d	03/08/2012	22:06
4118	200-9655-6	gghd016.d	03/08/2012	23:00
3286	200-9655-7	gghd017.d	03/08/2012	23:54
3374	200-9655-8	gghd018.d	03/09/2012	00:48
4313	200-9655-9	gghd022.d	03/09/2012	04:09
4360	200-9655-10	gghd023.d	03/09/2012	05:03
3627	200-9655-11	gghd024.d	03/09/2012	05:58
5119	200-9655-12	gghd025.d	03/09/2012	06:52

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Sample No.: ICIS 200-34477/8 Date Analyzed: 03/02/2012 20:00

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggh008.d Heated Purge: (Y/N) N

Calibration ID: 13791

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		775804	10.43	2686891	11.79	2382572	15.80
UPPER LIMIT		1086126	10.76	3761647	12.12	3335601	16.13
LOWER LIMIT		465482	10.10	1612135	11.46	1429543	15.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-34477/16		803895	10.43	2778369	11.79	2774899	15.80

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 TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Sample No.: CCVIS 200-34700/2 Date Analyzed: 03/08/2012 10:56

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gghd002.d Heated Purge: (Y/N) N

Calibration ID: 13791

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		924105	10.43	3195406	11.79	2901940	15.79
UPPER LIMIT		1293747	10.76	4473568	12.12	4062716	16.12
LOWER LIMIT		554463	10.10	1917244	11.46	1741164	15.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-34700/3		945113	10.43	3350177	11.78	3351216	15.79
MB 200-34700/4		814038	10.43	3659161	11.78	2841732	15.79
200-9655-1	4153	763493	10.42	3369326	11.78	2462936	15.79
200-9655-2	2672	739148	10.42	3317017	11.78	2473474	15.79
200-9655-3	3083	757845	10.43	3392122	11.78	2501357	15.79
200-9655-4	2632	750581	10.42	3402866	11.78	2460536	15.79
200-9655-5	3129	764829	10.43	3418162	11.79	2486161	15.79
200-9655-6	4118	775821	10.43	3554585	11.78	2567195	15.79
200-9655-7	3286	729555	10.42	3266150	11.78	2362180	15.79
200-9655-8	3374	774263	10.43	3464706	11.79	2587700	15.79
200-9655-9	4313	735628	10.44	3271747	11.80	2392275	15.80
200-9655-10	4360	750919	10.43	3369029	11.79	2444345	15.79
200-9655-11	3627	704400	10.43	3137131	11.79	2304383	15.79
200-9655-12	5119	743407	10.43	3318034	11.78	2464276	15.80

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 TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 4153 Lab Sample ID: 200-9655-1

Matrix: Air Lab File ID: gghd008.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 16:00

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4153 Lab Sample ID: 200-9655-1

Matrix: Air Lab File ID: gghd008.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 16:00

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4153 Lab Sample ID: 200-9655-1

Matrix: Air Lab File ID: gghd008.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 16:00

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-1
Client Smp ID: 4153
Inj Date : 08-MAR-2012 16:00
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-1
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 4
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

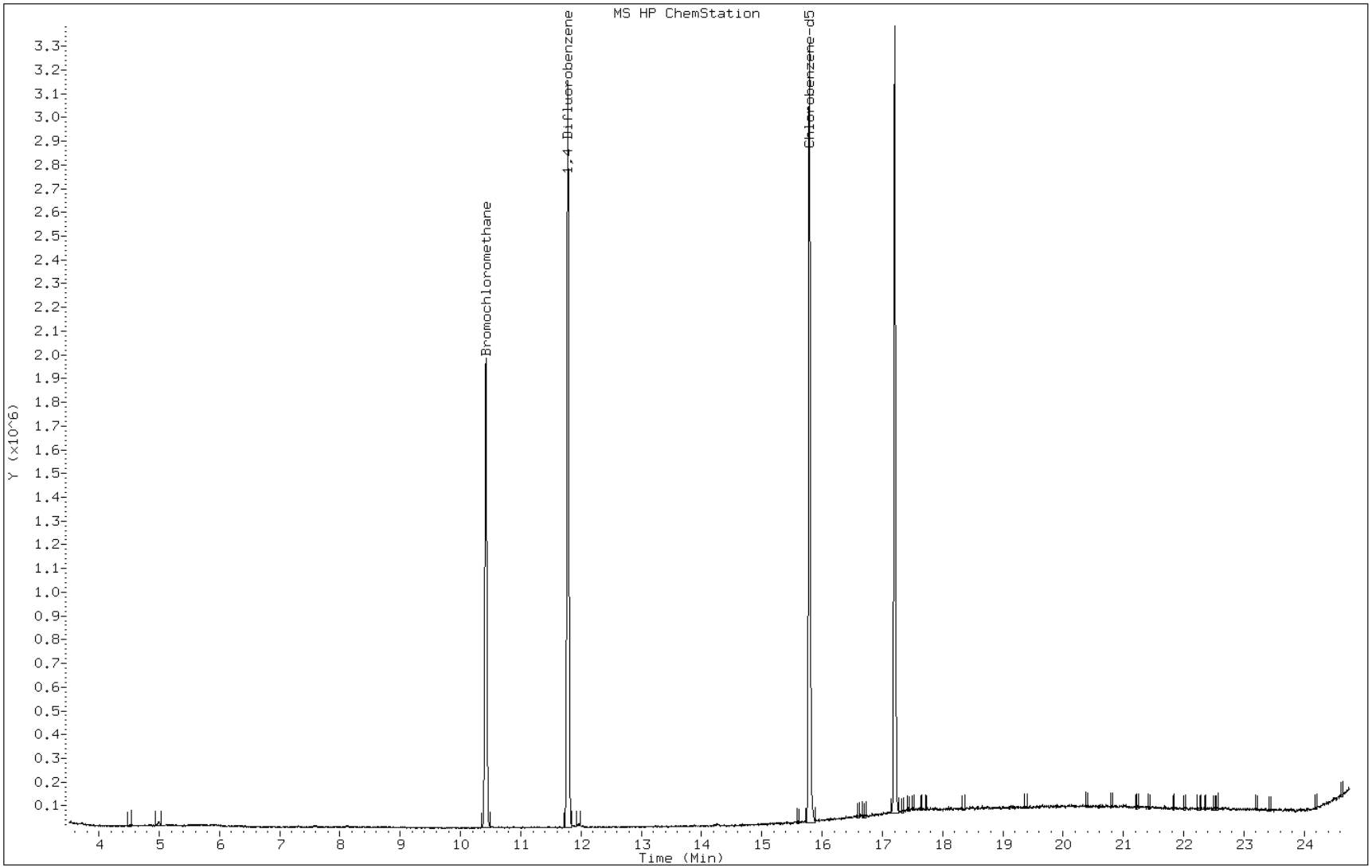
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.585	7.414	(0.728)	11472	0.12650	0.025(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.115	8.126	(0.779)	3871	0.05227	0.010(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.421	10.431	(1.000)	763493	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.780	11.790	(1.000)	3369326	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2462936	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gghd008.d	Date:	08-MAR-2012 16:00
Client ID:	4153	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-1		
Lab Sample ID:	200-9655-1		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 2672 Lab Sample ID: 200-9655-2

Matrix: Air Lab File ID: gghd009.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 16:54

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 2672 Lab Sample ID: 200-9655-2

Matrix: Air Lab File ID: gghd009.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 16:54

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 2672 Lab Sample ID: 200-9655-2

Matrix: Air Lab File ID: gghd009.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 16:54

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-2
Client Smp ID: 2672
Inj Date : 08-MAR-2012 16:54
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-2
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 5
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

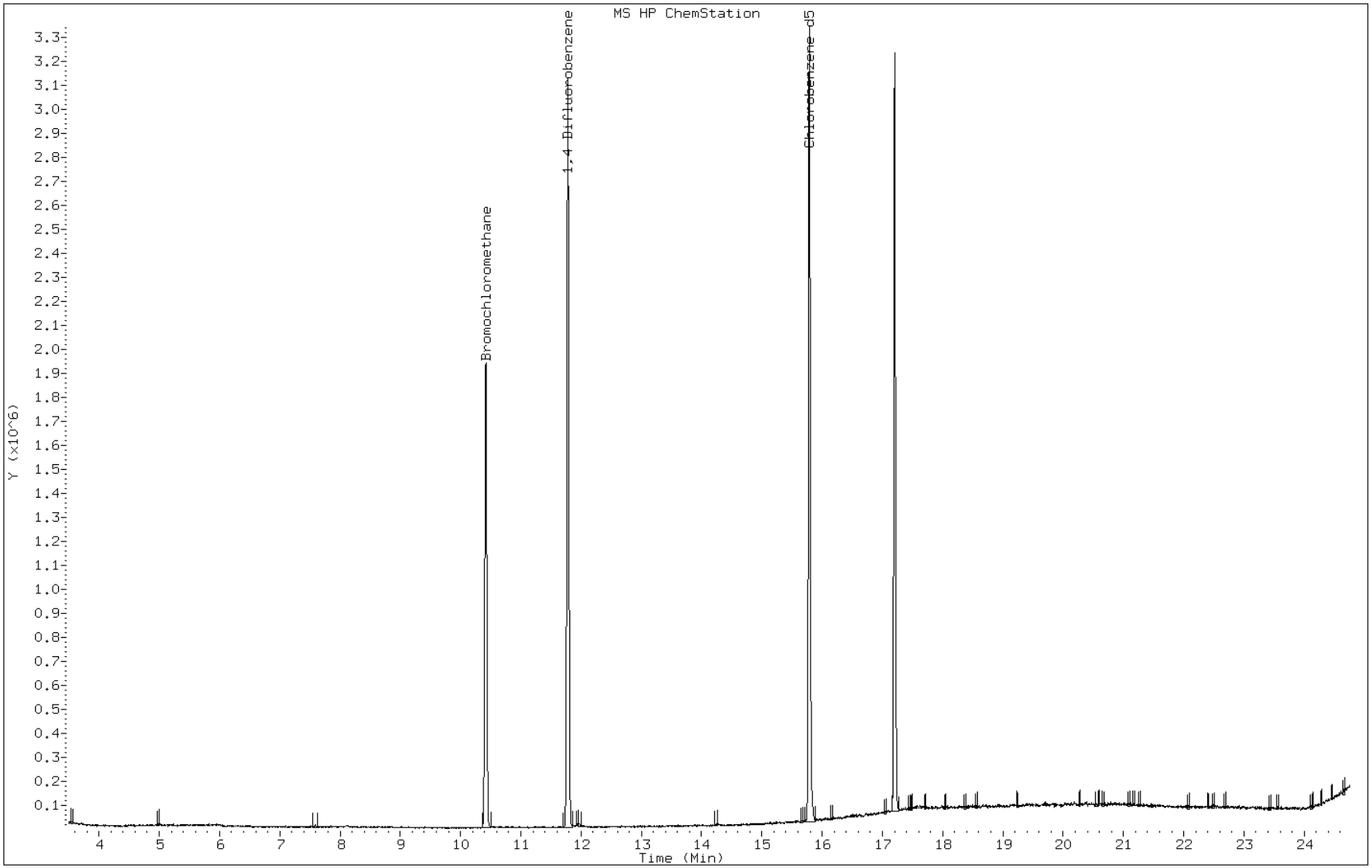
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.591	7.414	(0.728)	7482	0.08522	0.017(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.126	8.126	(0.780)	3321	0.04632	0.0093(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.421	10.431	(1.000)	739148	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.779	11.790	(1.000)	3317017	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.786	15.797	(1.000)	2473474	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gghd009.d	Date:	08-MAR-2012 16:54
Client ID:	2672	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-2		
Lab Sample ID:	200-9655-2		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 3083 Lab Sample ID: 200-9655-3

Matrix: Air Lab File ID: gghd010.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 17:48

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3083 Lab Sample ID: 200-9655-3

Matrix: Air Lab File ID: gghd010.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 17:48

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3083 Lab Sample ID: 200-9655-3

Matrix: Air Lab File ID: gghd010.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 17:48

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-3
Client Smp ID: 3083
Inj Date : 08-MAR-2012 17:48
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-3
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 6
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

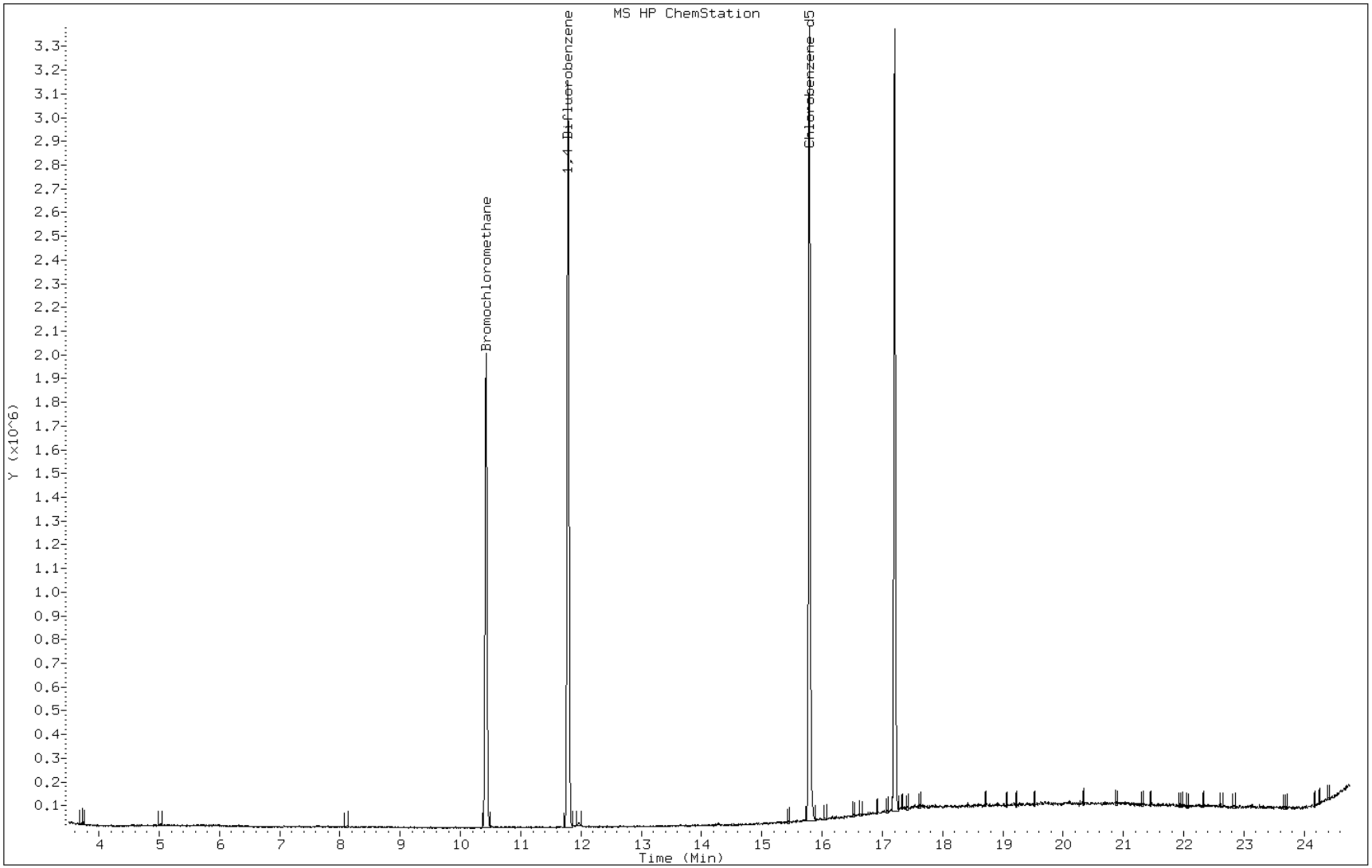
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.633	7.414	(0.732)	9138	0.10152	0.020(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.126	8.126	(0.779)	3880	0.05278	0.011(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.426	10.431	(1.000)	757845	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.785	11.790	(1.000)	3392122	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2501357	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gghd010.d	Date:	08-MAR-2012 17:48
Client ID:	3083	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-3		
Lab Sample ID:	200-9655-3		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 2632 Lab Sample ID: 200-9655-4

Matrix: Air Lab File ID: gghd011.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 18:42

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 2632 Lab Sample ID: 200-9655-4

Matrix: Air Lab File ID: gghd011.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 18:42

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 2632 Lab Sample ID: 200-9655-4

Matrix: Air Lab File ID: gghd011.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 18:42

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-4
Client Smp ID: 2632
Inj Date : 08-MAR-2012 18:42
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-4
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 7
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

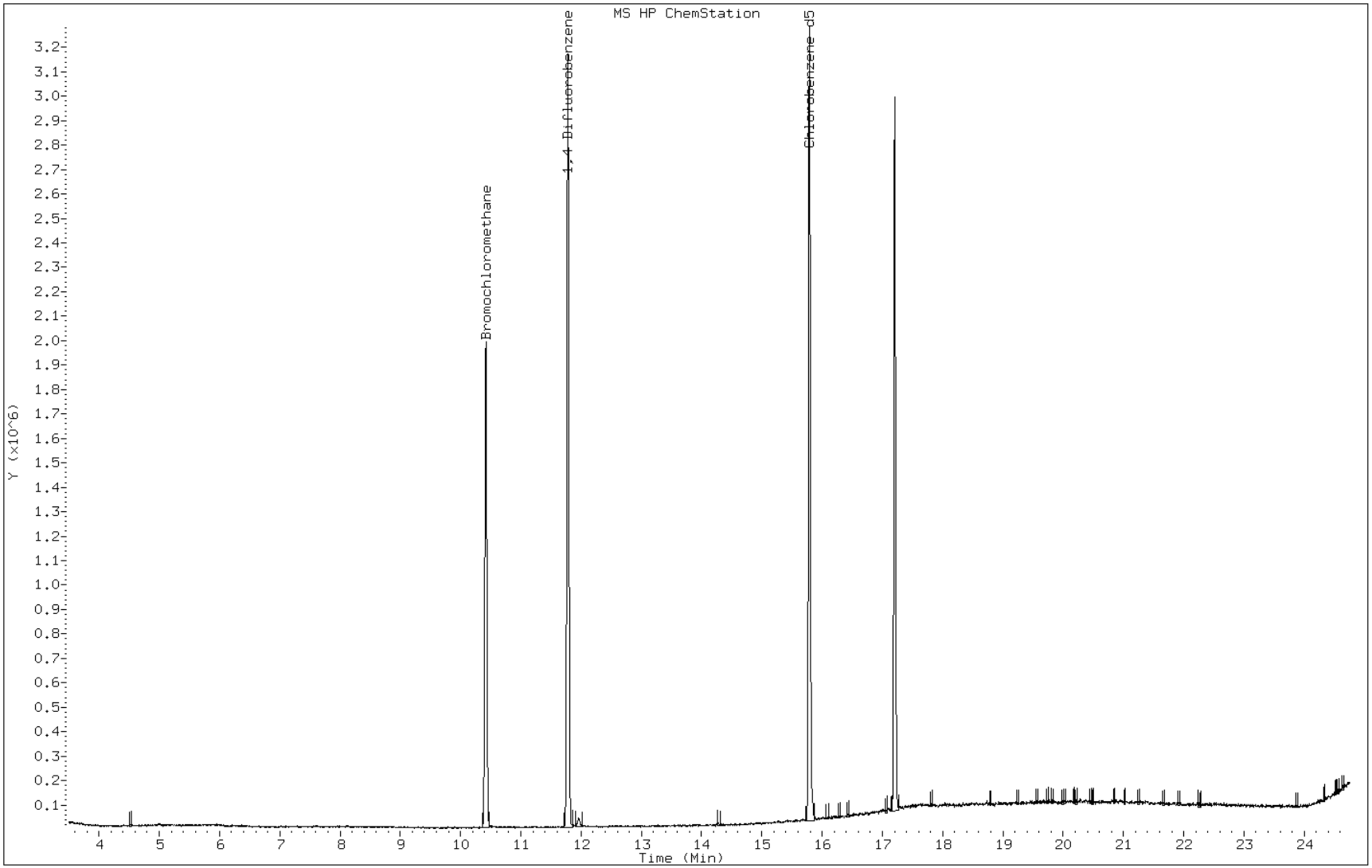
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.596	7.414	(0.729)	5291	0.05935	0.012(aM)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.115	8.126	(0.779)	2806	0.03854	0.0077(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.421	10.431	(1.000)	750581	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.779	11.790	(1.000)	3402866	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2460536	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gghd011.d	Date:	08-MAR-2012 18:42
Client ID:	2632	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-4		
Lab Sample ID:	200-9655-4		



Manual Integration Report

Data File: gghd011.d
Lab Sample ID: 200-9655-4
Inj. Date and Time: 08-MAR-2012 18:42
Instrument ID: G.i
Client ID: 2632
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 03/09/2012

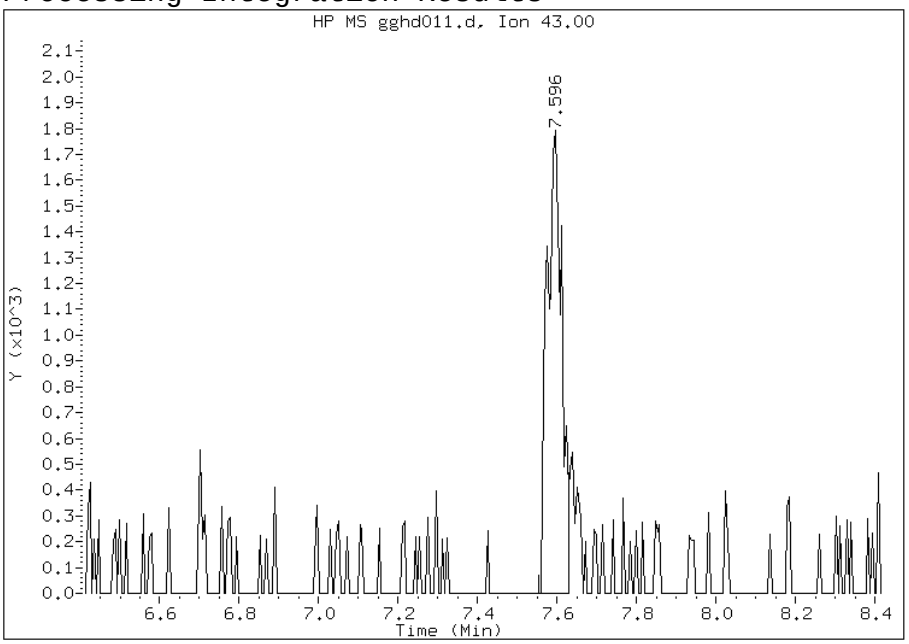
Processing Integration Results

RT: 7.60

Response: 4531

Amount: 0.050824

Conc: 0.010165



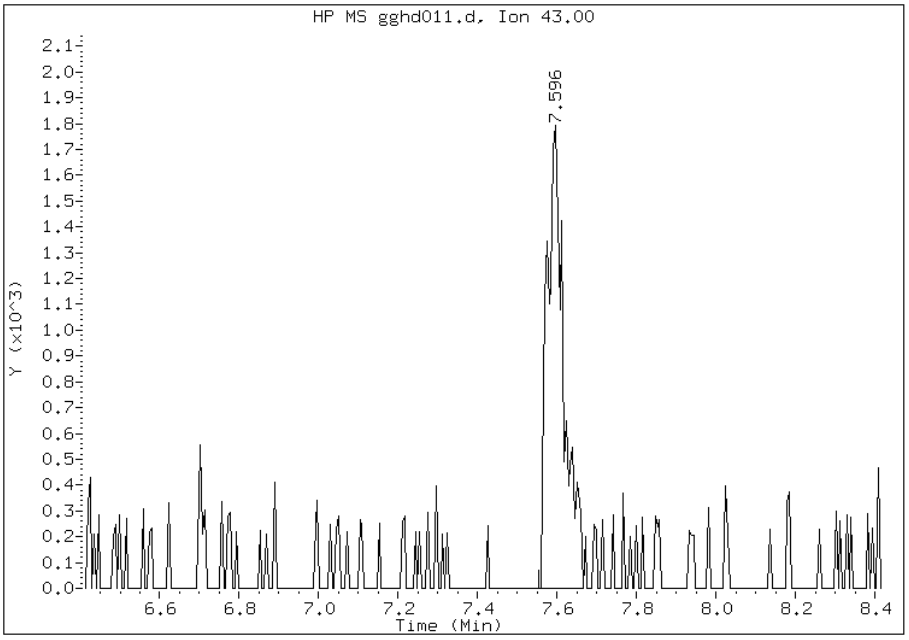
Manual Integration Results

RT: 7.60

Response: 5291

Amount: 0.059349

Conc: 0.011870



File Uploaded By: pd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 3129 Lab Sample ID: 200-9655-5

Matrix: Air Lab File ID: gghd015.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 22:06

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3129 Lab Sample ID: 200-9655-5

Matrix: Air Lab File ID: gghd015.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 22:06

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3129 Lab Sample ID: 200-9655-5

Matrix: Air Lab File ID: gghd015.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 22:06

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-5
Client Smp ID: 3129
Inj Date : 08-MAR-2012 22:06
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-5
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 7
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1	Propene	41	3.739	3.717	(0.358)	10452	0.18315	0.037(aQ)
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	4.579	4.563	(0.439)	12449	0.10959	0.022(aQ)
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

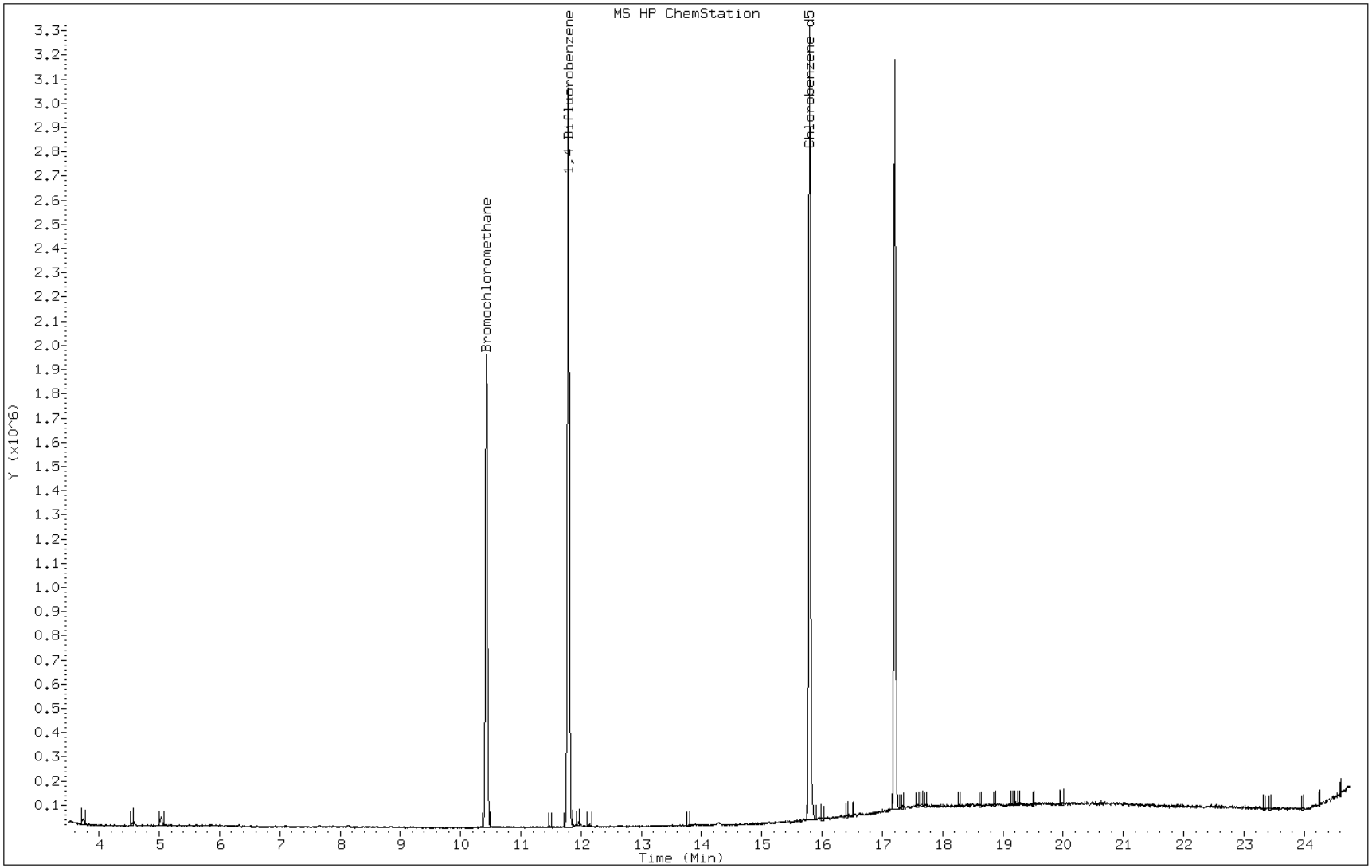
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.660	7.414	(0.734)	10686	0.11763	0.024(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.131	8.126	(0.779)	3180	0.04287	0.0086(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	8.837	8.837	(0.847)	2832	0.02934	0.0059(aM)
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.431	10.431	(1.000)	764829	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.469	11.474	(0.973)	3110	0.02829	0.0057(aQ)
*	47 1,4-Difluorobenzene	114	11.790	11.790	(1.000)	3418162	10.0000	
	49 Trichloroethene	95	12.143	12.143	(1.030)	3995	0.03442	0.0069(a)
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2486161	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	gghd015.d	Date:	08-MAR-2012 22:06
Client ID:	3129	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-5		
Lab Sample ID:	200-9655-5		



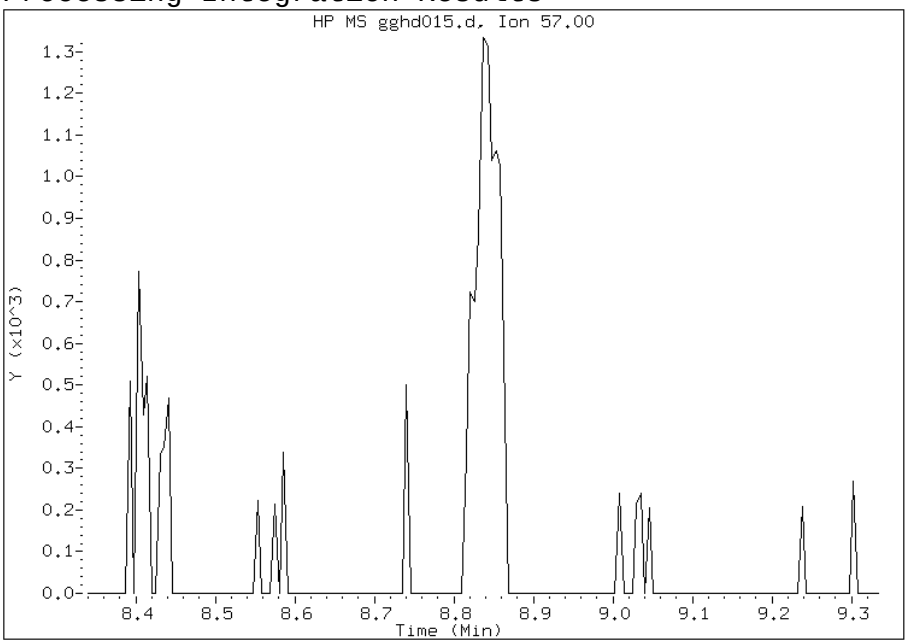
Manual Integration Report

Data File: gghd015.d
Lab Sample ID: 200-9655-5
Inj. Date and Time: 08-MAR-2012 22:06
Instrument ID: G.i
Client ID: 3129
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 03/09/2012

Processing Integration Results

Not Detected

Expected RT: 8.84



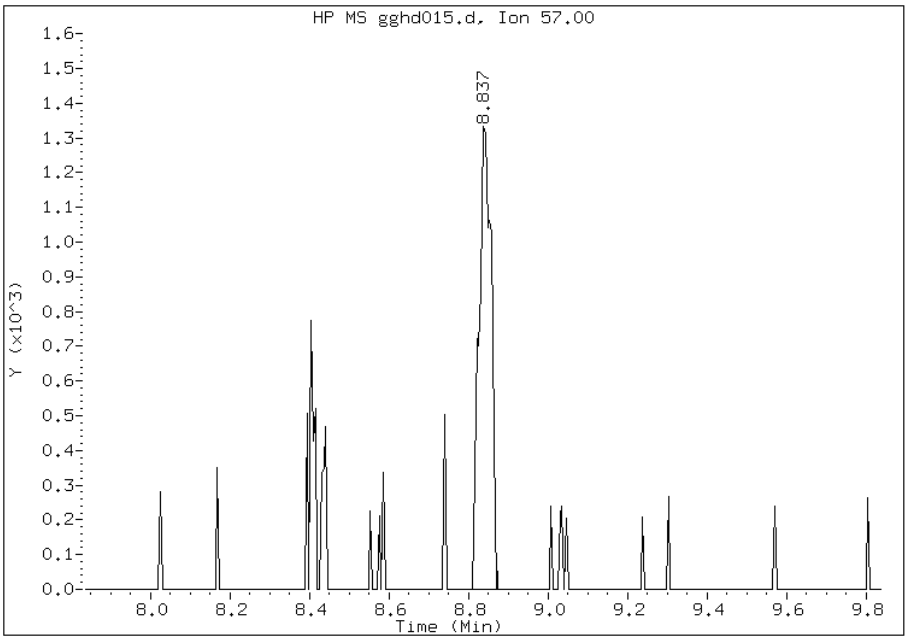
Manual Integration Results

RT: 8.84

Response: 2832

Amount: 0.029345

Conc: 0.005869



File Uploaded By: pd
Manual Integration Reason: Analyte misidentified by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 4118 Lab Sample ID: 200-9655-6

Matrix: Air Lab File ID: gghd016.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 23:00

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4118 Lab Sample ID: 200-9655-6

Matrix: Air Lab File ID: gghd016.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 23:00

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4118 Lab Sample ID: 200-9655-6

Matrix: Air Lab File ID: gghd016.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 23:00

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-6
Client Smp ID: 4118
Inj Date : 08-MAR-2012 23:00
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-6
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 8
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

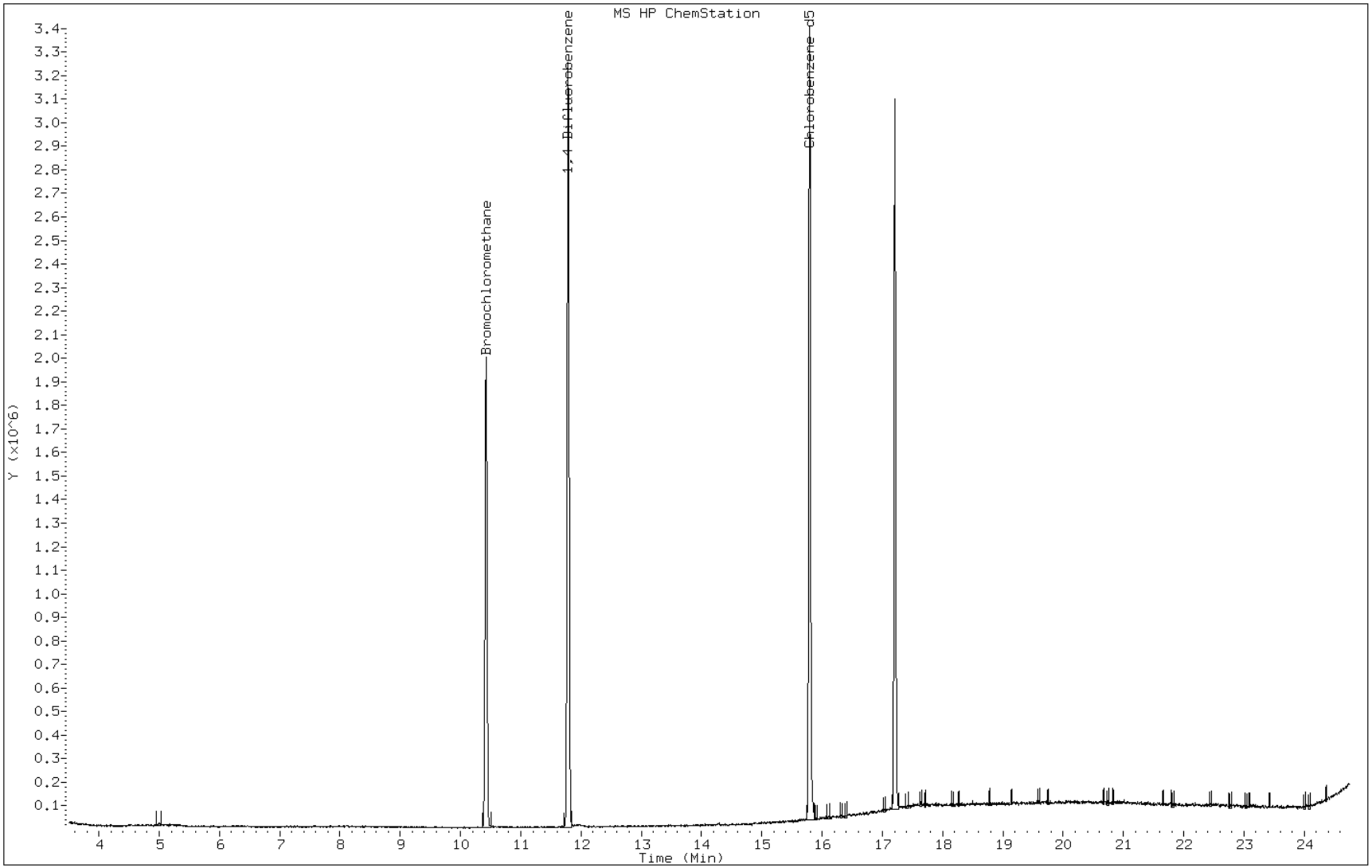
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.126	8.126	(0.779)	3296	0.04380	0.0088(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.426	10.431	(1.000)	775821	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.785	11.790	(1.000)	3554585	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2567195	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gghd016.d	Date:	08-MAR-2012 23:00
Client ID:	4118	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-6		
Lab Sample ID:	200-9655-6		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 3286 Lab Sample ID: 200-9655-7

Matrix: Air Lab File ID: gghd017.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 23:54

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3286 Lab Sample ID: 200-9655-7

Matrix: Air Lab File ID: gghd017.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 23:54

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3286 Lab Sample ID: 200-9655-7

Matrix: Air Lab File ID: gghd017.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2012 23:54

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-7
Client Smp ID: 3286
Inj Date : 08-MAR-2012 23:54
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-7
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 9
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
19	1,1-Dichloroethene	96	Compound Not Detected.					
20	Acetone	43	7.580	7.414	(0.727)	7827	0.09032	0.018(a)
21	Carbon disulfide	76	Compound Not Detected.					
22	Isopropanol	45	Compound Not Detected.					
23	Allyl chloride	41	Compound Not Detected.					
25	Methylene chloride	49	8.115	8.126	(0.779)	2722	0.03847	0.0077(a)
26	Tert-butyl alcohol	59	Compound Not Detected.					
27	Methyl tert-butyl ether	73	Compound Not Detected.					
28	1,2-Dichloroethene (trans)	61	Compound Not Detected.					
30	n-Hexane	57	Compound Not Detected.					
31	1,1-Dichloroethane	63	Compound Not Detected.					
32	Vinyl acetate	43	Compound Not Detected.					
M 33	1,2-Dichloroethene,Total	61	Compound Not Detected.					
34	1,2-Dichloroethene (cis)	96	Compound Not Detected.					
35	Ethyl acetate	88	Compound Not Detected.					
36	Methyl Ethyl Ketone	72	Compound Not Detected.					
* 37	Bromochloromethane	128	10.421	10.431	(1.000)	729555	10.0000	
38	Tetrahydrofuran	42	Compound Not Detected.					
39	Chloroform	83	Compound Not Detected.					
40	Cyclohexane	84	Compound Not Detected.					
41	1,1,1-Trichloroethane	97	Compound Not Detected.					
42	Carbon tetrachloride	117	Compound Not Detected.					
43	2,2,4-Trimethylpentane	57	Compound Not Detected.					
44	Benzene	78	Compound Not Detected.					
45	1,2-Dichloroethane	62	Compound Not Detected.					
46	n-Heptane	43	Compound Not Detected.					
* 47	1,4-Difluorobenzene	114	11.785	11.790	(1.000)	3266150	10.0000	
49	Trichloroethene	95	Compound Not Detected.					
50	1,2-Dichloropropane	63	Compound Not Detected.					
51	Methyl methacrylate	69	Compound Not Detected.					
53	1,4-Dioxane	88	Compound Not Detected.					
54	Bromodichloromethane	83	Compound Not Detected.					
55	1,3-Dichloropropene (cis)	75	Compound Not Detected.					
56	Methyl isobutyl ketone	43	Compound Not Detected.					
58	Toluene	92	Compound Not Detected.					
59	1,3-Dichloropropene (trans)	75	Compound Not Detected.					
60	1,1,2-Trichloroethane	83	Compound Not Detected.					
61	Tetrachloroethene	166	Compound Not Detected.					
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.792	15.797	(1.000)	2362180	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					

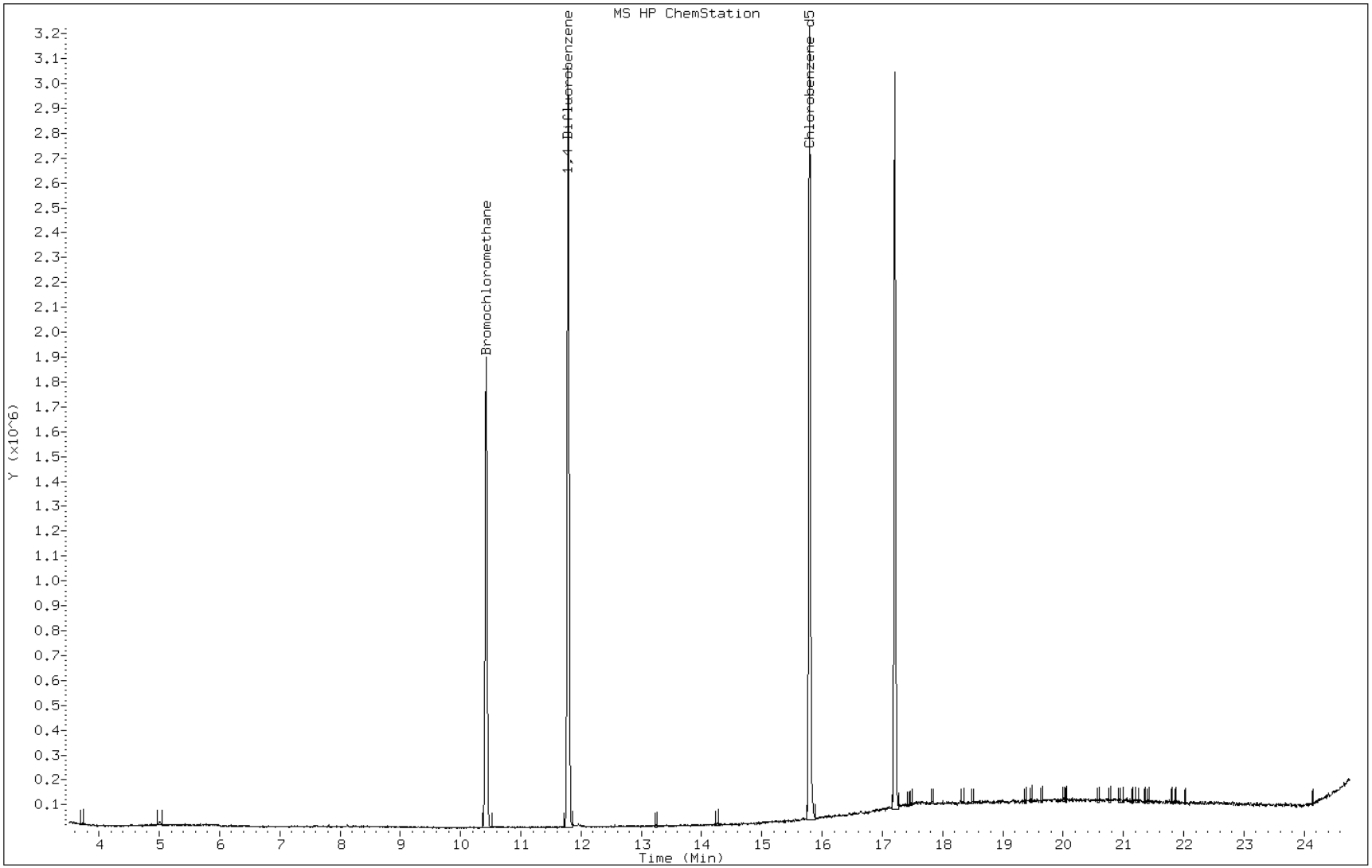
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: gghd017.d
Client ID: 3286
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9655-A-7
Lab Sample ID: 200-9655-7

Date: 08-MAR-2012 23:54
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 3374 Lab Sample ID: 200-9655-8

Matrix: Air Lab File ID: gghd018.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 00:48

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3374 Lab Sample ID: 200-9655-8

Matrix: Air Lab File ID: gghd018.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 00:48

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3374 Lab Sample ID: 200-9655-8

Matrix: Air Lab File ID: gghd018.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 00:48

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-8
Client Smp ID: 3374
Inj Date : 09-MAR-2012 00:48
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-8
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 10
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

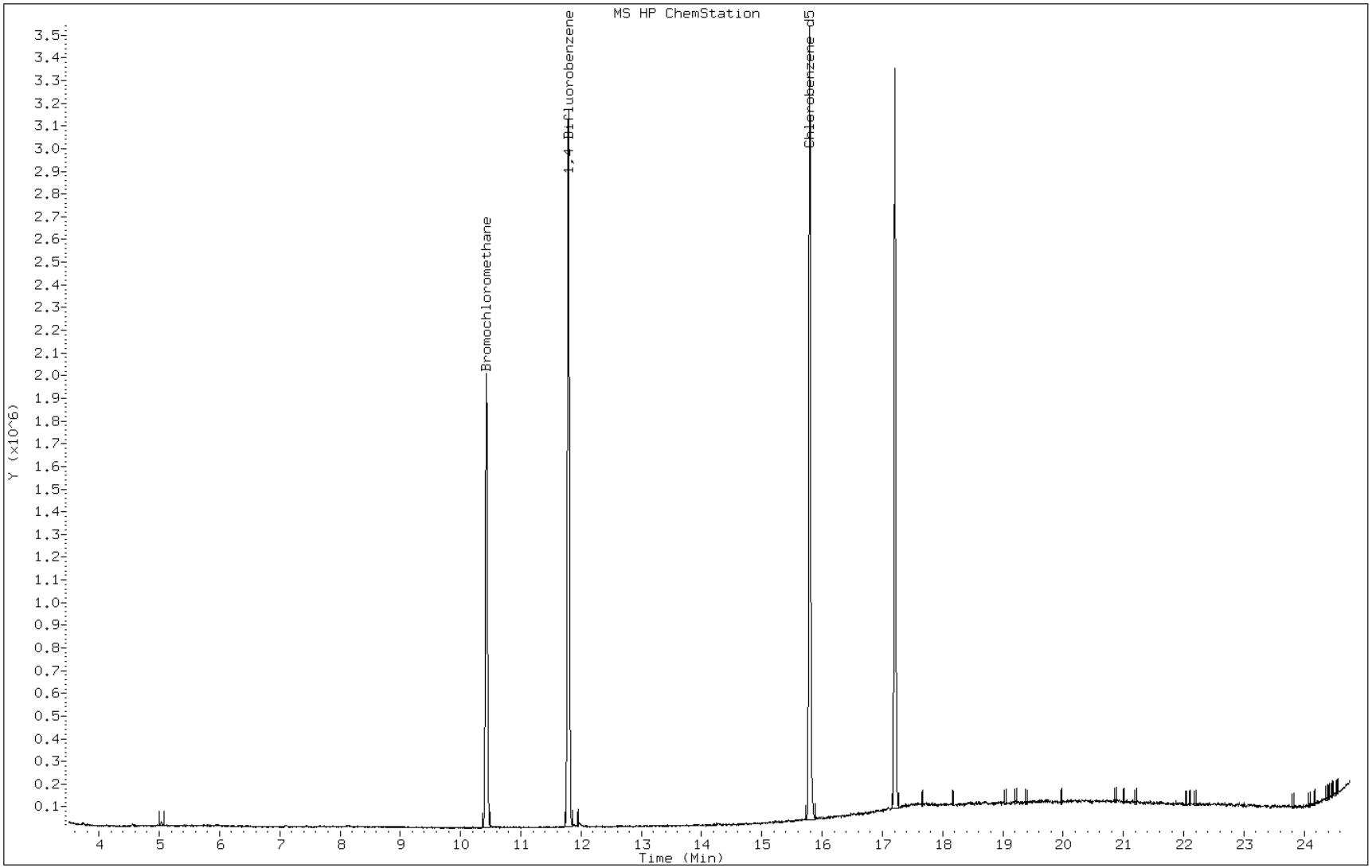
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.671	7.414	(0.736)	7209	0.07839	0.016(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.131	8.126	(0.780)	4096	0.05454	0.011(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.426	10.431	(1.000)	774263	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.790	11.790	(1.000)	3464706	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2587700	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gghd018.d	Date:	09-MAR-2012 00:48
Client ID:	3374	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-8		
Lab Sample ID:	200-9655-8		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 4313 Lab Sample ID: 200-9655-9

Matrix: Air Lab File ID: gghd022.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 04:09

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4313 Lab Sample ID: 200-9655-9

Matrix: Air Lab File ID: gghd022.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 04:09

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4313 Lab Sample ID: 200-9655-9

Matrix: Air Lab File ID: gghd022.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 04:09

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-9
Client Smp ID: 4313
Inj Date : 09-MAR-2012 04:09
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-9
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 10
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

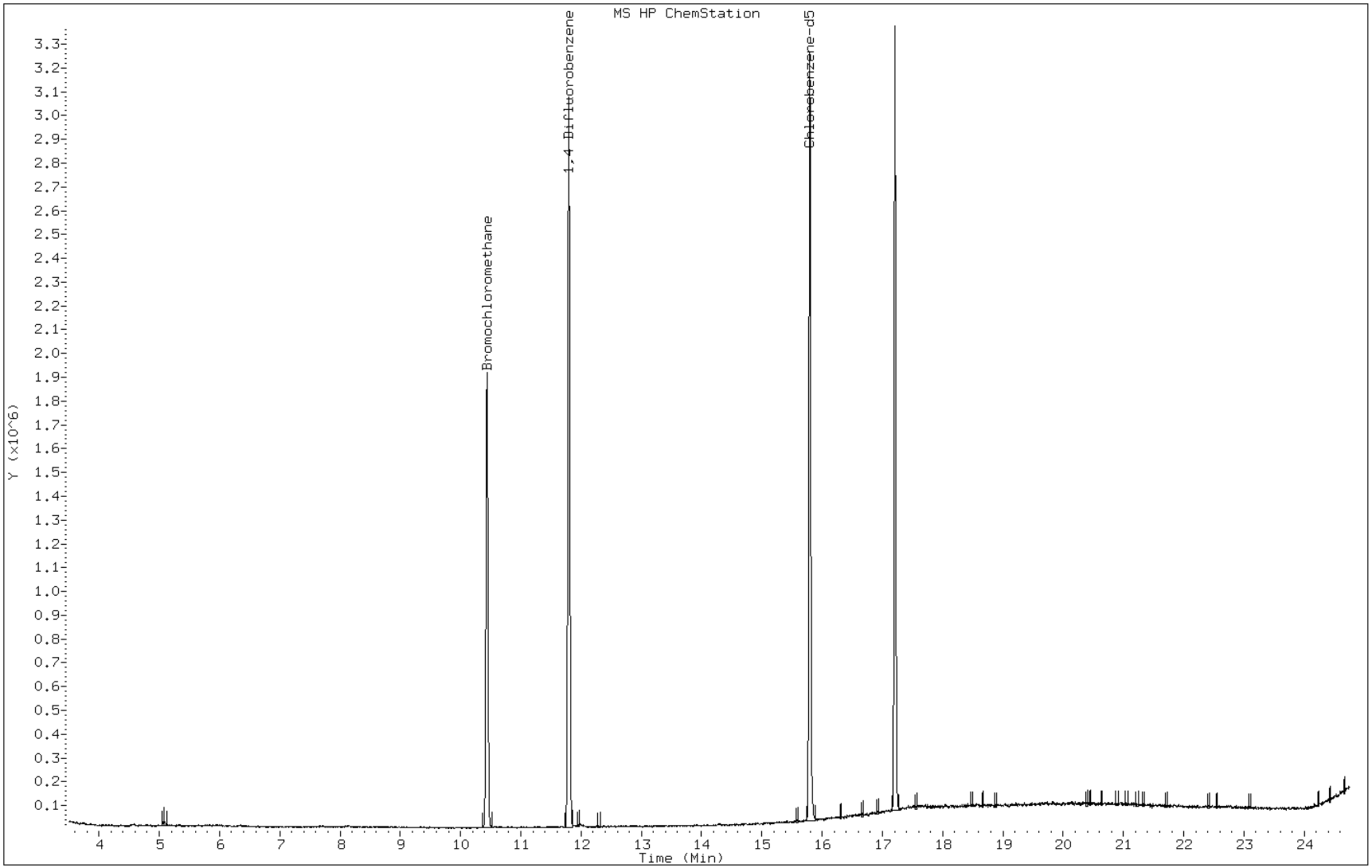
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.714	7.414	(0.739)	10541	0.12064	0.024(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.152	8.126	(0.781)	3725	0.05221	0.010(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.437	10.431	(1.000)	735628	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.795	11.790	(1.000)	3271747	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.797	15.797	(1.000)	2392275	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	gghd022.d	Date:	09-MAR-2012 04:09
Client ID:	4313	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-9		
Lab Sample ID:	200-9655-9		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 4360 Lab Sample ID: 200-9655-10

Matrix: Air Lab File ID: gghd023.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 05:03

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4360 Lab Sample ID: 200-9655-10

Matrix: Air Lab File ID: gghd023.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 05:03

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 4360 Lab Sample ID: 200-9655-10

Matrix: Air Lab File ID: gghd023.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 05:03

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-10
Client Smp ID: 4360
Inj Date : 09-MAR-2012 05:03
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-10
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 11
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	4.322	4.311	(0.415)	6720	0.09169	0.018(a)
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

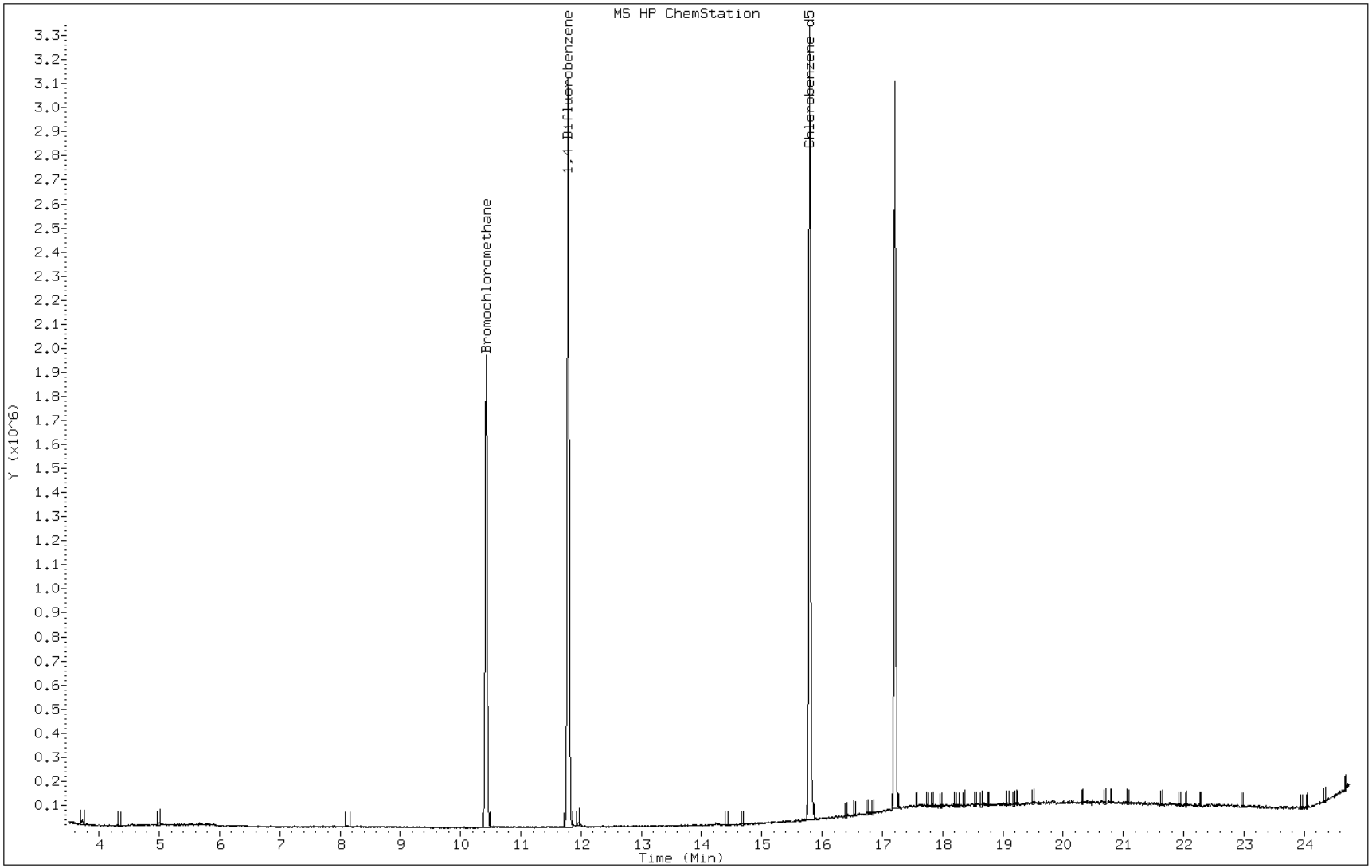
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.126	8.126	(0.779)	4193	0.05757	0.012(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.426	10.431	(1.000)	750919	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.790	11.790	(1.000)	3369029	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2444345	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File:	gghd023.d	Date:	09-MAR-2012 05:03
Client ID:	4360	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-10		
Lab Sample ID:	200-9655-10		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 3627 Lab Sample ID: 200-9655-11

Matrix: Air Lab File ID: gghd024.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 05:58

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3627 Lab Sample ID: 200-9655-11

Matrix: Air Lab File ID: gghd024.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 05:58

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 3627 Lab Sample ID: 200-9655-11

Matrix: Air Lab File ID: gghd024.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 05:58

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-11
Client Smp ID: 3627
Inj Date : 09-MAR-2012 05:58
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-11
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 12
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

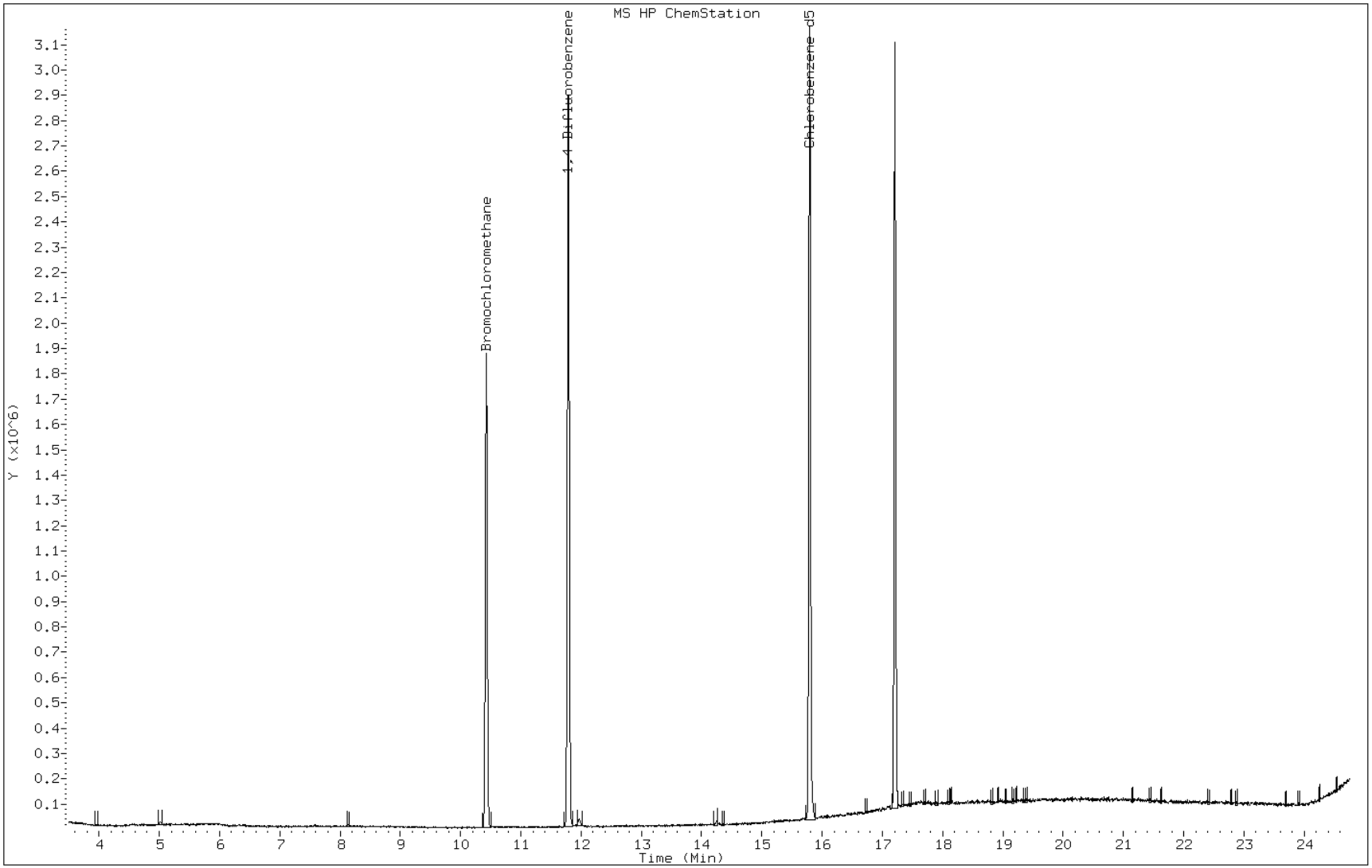
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.590	7.414	(0.728)	8027	0.09594	0.019(aM)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.125	8.126	(0.779)	3997	0.05850	0.012(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.426	10.431	(1.000)	704400	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.790	11.790	(1.000)	3137131	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.792	15.797	(1.000)	2304383	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File:	gghd024.d	Date:	09-MAR-2012 05:58
Client ID:	3627	Instrument:	G.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-9655-A-11		
Lab Sample ID:	200-9655-11		



Manual Integration Report

Data File: gghd024.d
Lab Sample ID: 200-9655-11
Inj. Date and Time: 09-MAR-2012 05:58
Instrument ID: G.i
Client ID: 3627
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 03/09/2012

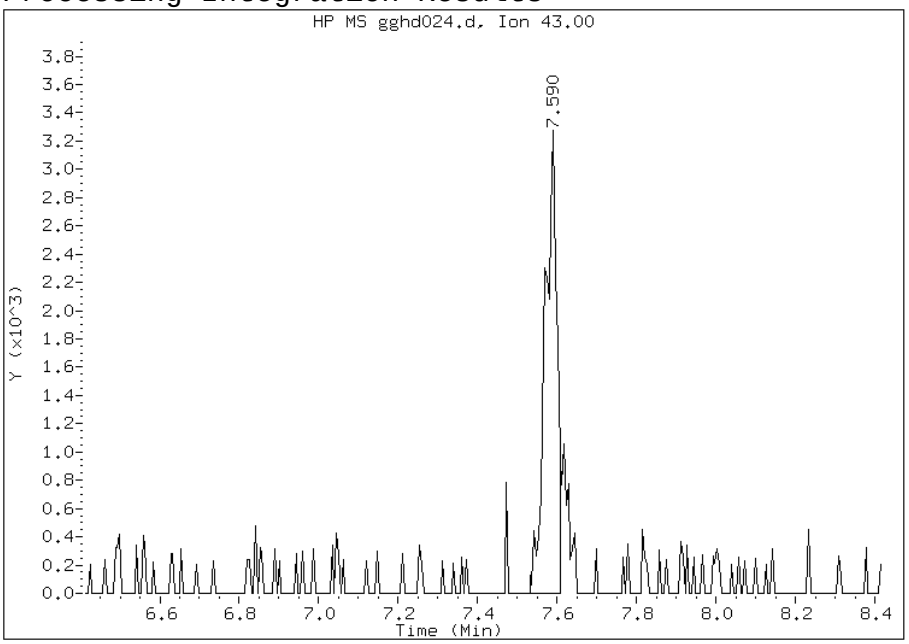
Processing Integration Results

RT: 7.59

Response: 6675

Amount: 0.079793

Conc: 0.015959



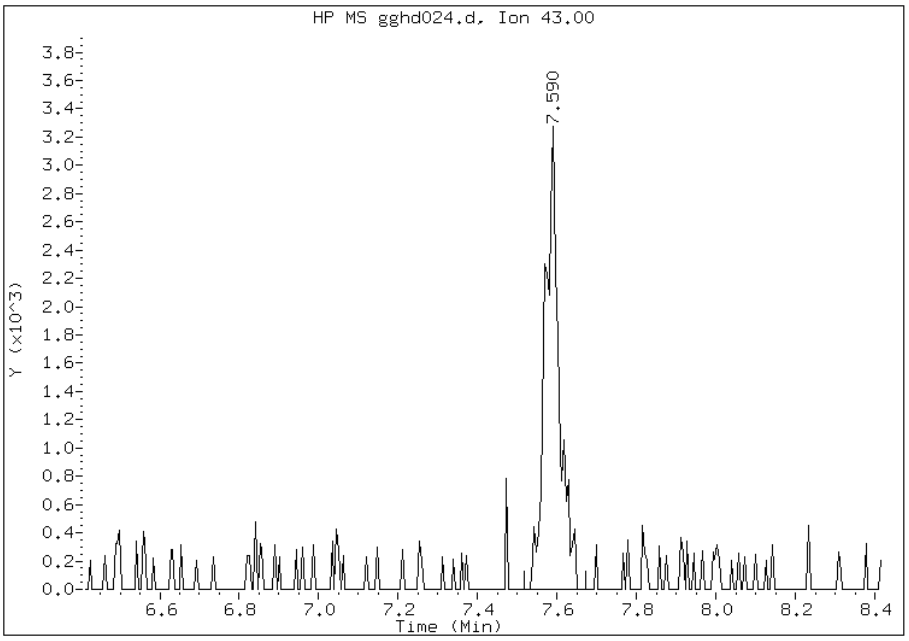
Manual Integration Results

RT: 7.59

Response: 8027

Amount: 0.095941

Conc: 0.019188



File Uploaded By: pd
Manual Integration Reason: Baseline event

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Client Sample ID: 5119 Lab Sample ID: 200-9655-12

Matrix: Air Lab File ID: gghd025.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 06:52

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 5119 Lab Sample ID: 200-9655-12

Matrix: Air Lab File ID: gghd025.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 06:52

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.: 34700 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.: 200-9655-1

SDG No.:

Client Sample ID: 5119 Lab Sample ID: 200-9655-12

Matrix: Air Lab File ID: gghd025.d

Analysis Method: TO-15 Date Collected: 03/07/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2012 06:52

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.: 34700 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

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-9655-12
Client Smp ID: 5119
Inj Date : 09-MAR-2012 06:52
Operator : pad Inst ID: G.i
Smp Info : 200-9655-A-12
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/G.i/Gsvr.p/gghdto15.b/to15v5.m
Meth Date : 09-Mar-2012 11:01 pd Quant Type: ISTD
Cal Date : 02-MAR-2012 22:27 Cal File: ggh011.d
Als bottle: 8
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1	Propene	41	Compound Not Detected.					
2	Dichlorodifluoromethane	85	Compound Not Detected.					
3	Chlorodifluoromethane	51	Compound Not Detected.					
4	1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5	Chloromethane	50	Compound Not Detected.					
6	Butane	43	Compound Not Detected.					
7	Vinyl chloride	62	Compound Not Detected.					
8	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Vinyl bromide	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Ethanol	45	Compound Not Detected.					
17	1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.585	7.414	(0.728)	19943	0.22586	0.045(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	8.126	8.126	(0.779)	3353	0.04650	0.0093(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.426	10.431	(1.000)	743407	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.785	11.790	(1.000)	3318034	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.797	15.797	(1.000)	2464276	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

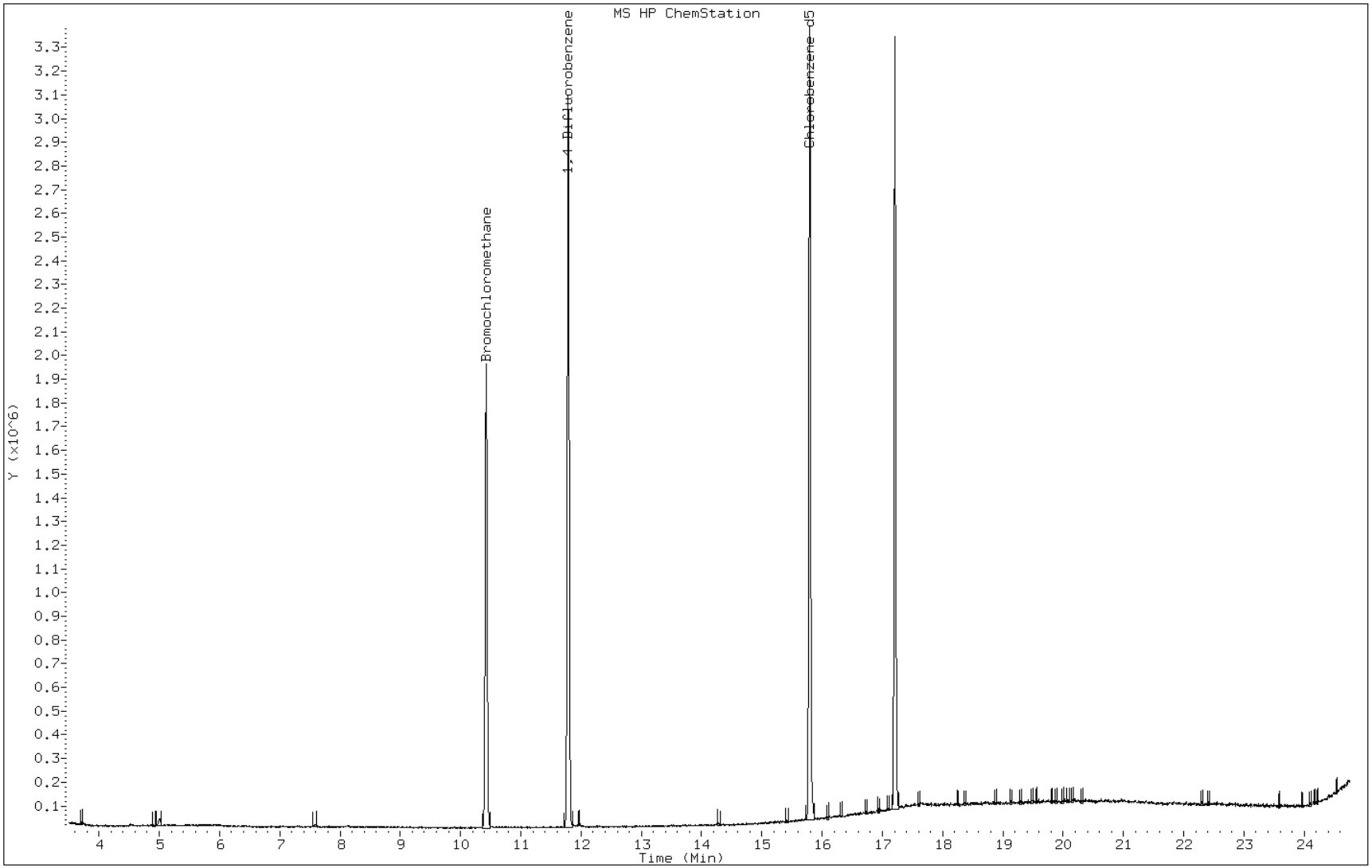
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: gghd025.d
Client ID: 5119
Operator: pad
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 200-9655-A-12
Lab Sample ID: 200-9655-12

Date: 09-MAR-2012 06:52
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-34477/3	ic 279316	ggh003.d
Level 2	IC 200-34477/4	ic 279316	ggh004.d
Level 3	IC 200-34477/6	ic 279313	ggh006.d
Level 4	IC 200-34477/7	ic 275709	ggh007.d
Level 5	ICIS 200-34477/8	icis 291253	ggh008.d
Level 6	IC 200-34477/9	ic 279073	ggh009.d
Level 7	IC 200-34477/10	ic 279072	ggh010.d
Level 8	IC 200-34477/11	ic 275630	ggh011.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	+++++ 0.6140	+++++ 0.6262	1.0777 0.6002	0.8299	0.7288	Ave		0.7461				24.7		30.0			
Dichlorodifluoromethane	+++++ 3.6219	+++++ 3.7434	4.9047 3.6044	4.5733	4.1701	Ave		4.1030				13.3		30.0			
Freon 22	+++++ 1.6119	+++++ 1.6617	2.2968 1.5922	2.1739	1.8961	Ave		1.8721				16.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.4937	4.6183 3.5845	4.5549 3.3873	4.4509	4.0199	Ave		4.0156				13.2		30.0			
Chloromethane	+++++ 0.8205	+++++ 0.8361	1.3337 0.8086	1.0929	0.9645	Ave		0.9760				21.2		30.0			
n-Butane	+++++ 1.2299	+++++ 1.2613	2.1354 1.2005	1.6393	1.4450	Ave		1.4852				24.2		30.0			
1,3-Butadiene	+++++ 0.6750	0.8666 0.7002	0.8879 0.6735	0.8673	0.7755	Ave		0.7780				12.4		30.0			
Vinyl chloride	1.1065 1.0030	1.3208 1.0394	1.3174 0.9965	1.3021	1.1525	Ave		1.1548				12.2		30.0			
Bromomethane	+++++ 1.1132	1.4530 1.1569	1.3457 1.1321	1.3606	1.2723	Ave		1.2620				10.4		30.0			
Chloroethane	+++++ 0.4343	+++++ 0.4578	0.6393 0.4442	0.5565	0.5054	Ave		0.5062				15.7		30.0			
Isopentane	+++++ 0.8247	1.3071 0.8511	1.1849 0.8143	1.1154	0.9722	Ave		1.0100				19.4		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.1461	1.2667 1.2142	1.3023 1.1899	1.3313	1.2704	Ave		1.2458				5.2		30.0			
Acrolein	+++++ 0.2422	+++++ 0.2594	+++++ 0.2481	0.3191	0.2370	Ave		0.2612				12.8		30.0			
Trichlorofluoromethane	+++++ 3.4271	4.1181 3.6066	4.2599 3.5277	4.1945	3.8689	Ave		3.8576				8.9		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.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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								
n-Pentane	+++++ 1.2676	+++++ 1.3283	1.9086 1.2622	1.6948	1.4920	Ave		1.4922				17.6		30.0			
Ethanol	+++++ 0.2479	+++++ 0.2614	0.4562 0.2462	0.3210	0.2842	Ave		0.3028				26.5		30.0			
Ethyl ether	+++++ 0.5234	0.6889 0.5560	0.5949 0.5078	0.6555	0.5812	Ave		0.5868				11.3		30.0			
Freon TF	+++++ 2.1541	2.5578 2.2628	2.5427 2.1700	2.5378	2.4268	Ave		2.3789				7.6		30.0			
1,1-Dichloroethene	+++++ 0.9435	1.0758 0.9966	1.0684 0.9671	1.0749	1.0556	Ave		1.0260				5.4		30.0			
Acetone	+++++ 1.0607	+++++ 1.0653	+++++ 0.9319	1.6109	1.2701	Ave		1.1878				22.4		30.0			
Carbon disulfide	+++++ 2.7659	+++++ 2.8910	3.4214 2.8068	3.3354	3.0826	Ave		3.0505				9.1		30.0			
Isopropyl alcohol	+++++ 0.8129	+++++ 0.8362	+++++ 0.7074	0.9371	0.9411	Ave		0.8470				11.5		30.0			
3-Chloropropene	+++++ 0.8552	1.1396 0.8788	1.2532 0.8158	1.1177	0.9132	Ave		0.9962				17.1		30.0			
Acetonitrile	+++++ 0.4377	+++++ 0.4518	+++++ 0.4165	0.5683	0.5230	Ave		0.4794				13.3		30.0			
Methylene Chloride	+++++ 0.8451	+++++ 0.8709	1.2082 0.8279	1.0953	0.9723	Ave		0.9700				15.8		30.0			
tert-Butyl alcohol	+++++ 1.3173	+++++ 1.3986	+++++ 1.2173	1.5271	1.5752	Ave		1.4071				10.5		30.0			
trans-1,2-Dichloroethene	+++++ 1.2963	1.8030 1.3509	1.6384 1.2499	1.6422	1.5075	Ave		1.4983				13.8		30.0			
Methyl tert-butyl ether	+++++ 2.4202	2.9730 2.5178	2.7058 2.2510	2.9356	2.5924	Ave		2.6280				10.0		30.0			
Acrylonitrile	+++++ 0.4736	+++++ 0.4946	0.6205 0.4503	0.6196	0.5129	Ave		0.5286				14.0		30.0			
Ethyl acetate	+++++ 0.0518	+++++ 0.0531	+++++ 0.0475	0.0627	0.0531	Ave		0.0536				10.3		30.0			
n-Hexane	+++++ 1.1163	1.3935 1.1608	1.4444 1.0828	1.3614	1.2735	Ave		1.2618				11.4		30.0			
1,4-Dioxane	+++++ 0.0838	+++++ 0.0907	+++++ 0.0716	0.0832	0.1046	Ave		0.0868				13.9		30.0			
1,1-Dichloroethane	+++++ 1.5052	2.0556 1.5664	1.9162 1.4447	1.8817	1.6810	Ave		1.7215				13.5		30.0			
Vinyl acetate	+++++ 1.3764	+++++ 1.4368	+++++ 1.2938	1.7657	1.4452	Ave		1.4636				12.3		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.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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								
cis-1,2-Dichloroethene	+++++ 0.9432	1.1487 0.9832	1.0853 0.8958	1.1152	1.0235	Ave		1.0278				9.1		30.0			
Methyl Ethyl Ketone	+++++ 0.3145	+++++ 0.3172	0.6708 0.2734	0.3763	0.3297	Ave		0.3803				38.4	*	30.0			
Chloroform	+++++ 2.0165	2.6266 2.0909	2.4003 1.9387	2.4569	2.1933	Ave		2.2462				11.3		30.0			
Tetrahydrofuran	+++++ 0.1492	+++++ 0.1624	+++++ 0.1373	0.1845	0.1803	Ave		0.1627				12.3		30.0			
1,1,1-Trichloroethane	+++++ 0.6731	0.8026 0.7289	0.8671 0.6350	0.7759	0.8272	Ave		0.7585				11.1		30.0			
Cyclohexane	+++++ 0.2923	0.3583 0.3195	0.3650 0.2770	0.3402	0.3689	Ave		0.3316				11.0		30.0			
2,2,4-Trimethylpentane	+++++ 0.8843	1.0986 0.9489	1.4063 0.8146	1.0720	1.0879	Ave		1.0447				18.5		30.0			
Benzene	+++++ 0.5721	0.7538 0.6258	0.7809 0.5547	0.6750	0.6794	Ave		0.6631				12.9		30.0			
1,2-Dichloroethane	+++++ 0.2940	0.3828 0.3170	0.4294 0.2755	0.3643	0.3542	Ave		0.3453				15.5		30.0			
n-Heptane	+++++ 0.2664	0.3783 0.2844	0.4105 0.2513	0.3336	0.3270	Ave		0.3216				18.2		30.0			
n-Butanol	+++++ 0.0725	+++++ 0.0821	+++++ 0.0792	0.0779	0.0906	Ave		0.0805				8.3		30.0			
1,2-Dichloropropane	+++++ 0.1854	0.2489 0.2018	0.2379 0.1796	0.2174	0.2195	Ave		0.2129				12.1		30.0			
Carbon tetrachloride	0.7519 0.7834	0.8737 0.8523	0.9351 0.7647	0.8740	0.9567	Ave		0.8490				9.0		30.0			
Methyl methacrylate	+++++ 0.1643	+++++ 0.1824	0.2117 0.1598	0.1794	0.1866	Ave		0.1807				10.2		30.0			
Dibromomethane	+++++ 0.3220	0.3693 0.3532	0.3655 0.3055	0.3621	0.3777	Ave		0.3508				7.6		30.0			
Bromodichloromethane	+++++ 0.4866	0.6393 0.5360	0.6296 0.4807	0.5869	0.5843	Ave		0.5633				11.4		30.0			
cis-1,3-Dichloropropene	+++++ 0.2665	0.3713 0.2957	0.3473 0.2592	0.3226	0.3199	Ave		0.3118				13.1		30.0			
methyl isobutyl ketone	+++++ 0.2832	+++++ 0.3112	0.4232 0.2655	0.3384	0.3513	Ave		0.3288				17.2		30.0			
Trichloroethene	0.3996 0.2834	0.3680 0.2980	0.4122 0.2574	0.3505	0.3472	Ave		0.3395				16.3		30.0			
n-Octane	+++++ 0.3215	0.4448 0.3448	0.4544 0.2946	0.3975	0.3906	Ave		0.3783				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.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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								
Toluene	+++++ 0.4110	0.4781 0.4432	0.6194 0.3917	0.4468	0.4975	Ave		0.4697				16.0		30.0			
trans-1,3-Dichloropropene	+++++ 0.2729	0.3395 0.3062	0.3715 0.2699	0.3244	0.3279	Ave		0.3160				11.5		30.0			
1,1,2-Trichloroethane	+++++ 0.2007	0.2514 0.2183	0.2882 0.1946	0.2308	0.2526	Ave		0.2338				14.1		30.0			
n-Dodecane	+++++ 0.2135	+++++ 0.2321	+++++ 0.1211	0.2558	0.2994	Ave		0.2244				29.4		30.0			
Tetrachloroethene	+++++ 0.4734	0.5657 0.5139	0.6181 0.4778	0.5075	0.5656	Ave		0.5317				10.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2707	+++++ 0.3003	0.5248 0.2655	0.3187	0.3623	Ave		0.3404				28.5		30.0			
Dibromochloromethane	+++++ 0.5794	0.6464 0.6389	0.7308 0.5786	0.6222	0.7109	Ave		0.6439				9.2		30.0			
1,2-Dibromoethane	+++++ 0.3846	0.4796 0.4196	0.5312 0.3674	0.4492	0.4821	Ave		0.4448				13.1		30.0			
Chlorobenzene	+++++ 0.5384	0.6874 0.5926	0.7156 0.5312	0.5945	0.6650	Ave		0.6178				11.7		30.0			
Ethylbenzene	+++++ 0.8991	1.0002 0.9834	1.1157 0.8628	0.9640	1.0822	Ave		0.9868				9.2		30.0			
n-Nonane	+++++ 0.3439	0.4380 0.3598	0.4754 0.3124	0.3956	0.4177	Ave		0.3918				14.5		30.0			
m,p-Xylene	+++++ 0.3670	0.3728 0.4002	0.4268 0.3498	0.3802	0.4371	Ave		0.3906				8.2		30.0			
Xylene, o-	+++++ 0.3871	0.4339 0.4180	0.4397 0.3729	0.4046	0.4531	Ave		0.4156				7.0		30.0			
Styrene	+++++ 0.5122	0.4436 0.5666	0.5368 0.5092	0.5172	0.6130	Ave		0.5284				10.0		30.0			
Bromoform	+++++ 0.5994	0.5587 0.6735	0.6452 0.6256	0.5973	0.7048	Ave		0.6292				7.9		30.0			
Cumene	+++++ 1.1694	1.1147 1.2576	1.3406 1.1168	1.1897	1.3525	Ave		1.2202				8.1		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5373	0.6274 0.5743	0.7096 0.4990	0.5943	0.6579	Ave		0.6000				12.0		30.0			
n-Propylbenzene	+++++ 1.1608	1.1762 1.2430	1.3813 1.0506	1.2521	1.3948	Ave		1.2370				9.9		30.0			
1,2,3-Trichloropropane	+++++ 0.3760	+++++ 0.3959	0.5397 0.3303	0.4280	0.4697	Ave		0.4233				17.5		30.0			
n-Decane	+++++ 0.3987	+++++ 0.4179	0.5255 0.3504	0.4666	0.4832	Ave		0.4404				14.4		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.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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								
4-Ethyltoluene	+++++ 1.0544	0.8806 1.1542	1.0456 1.0171	1.0730	1.2329	Ave		1.0654				10.4		30.0			
2-Chlorotoluene	+++++ 0.9830	1.0994 1.0603	1.2343 0.9382	1.0647	1.1809	Ave		1.0801				9.6		30.0			
1,3,5-Trimethylbenzene	+++++ 0.9531	0.8749 1.0249	1.0414 0.9108	1.0008	1.1272	Ave		0.9905				8.6		30.0			
Alpha Methyl Styrene	+++++ 0.4336	0.2959 0.4874	0.3708 0.4453	0.4178	0.5054	Ave		0.4223				16.9		30.0			
tert-Butylbenzene	+++++ 0.9739	0.9692 1.0461	1.1142 0.9175	1.0030	1.1157	Ave		1.0199				7.4		30.0			
1,2,4-Trimethylbenzene	+++++ 0.9215	0.7835 0.9949	0.9633 0.8830	0.9532	1.0795	Ave		0.9399				9.8		30.0			
sec-Butylbenzene	+++++ 1.3384	1.2554 1.4334	1.4693 1.2400	1.3961	1.5609	Ave		1.3848				8.4		30.0			
4-Isopropyltoluene	+++++ 1.1222	0.9633 1.2085	1.1565 1.0559	1.1531	1.3103	Ave		1.1386				9.7		30.0			
1,3-Dichlorobenzene	+++++ 0.5640	0.5116 0.6443	0.6003 0.5950	0.5591	0.6671	Ave		0.5916				8.9		30.0			
1,4-Dichlorobenzene	+++++ 0.5169	0.4727 0.5966	0.5767 0.5588	0.5062	0.6095	Ave		0.5482				9.3		30.0			
Benzyl chloride	+++++ 0.5673	0.4391 0.6556	0.5000 0.6431	0.5601	0.5672	Ave		0.5618				13.5		30.0			
n-Undecane	+++++ 0.3344	+++++ 0.3609	+++++ 0.2949	0.3915	0.4215	Ave		0.3606				13.6		30.0			
n-Butylbenzene	+++++ 0.8411	0.6748 0.9169	0.8345 0.7896	0.8667	1.0007	Ave		0.8463				12.0		30.0			
1,2-Dichlorobenzene	+++++ 0.5801	0.5055 0.6425	0.6117 0.5887	0.5765	0.6875	Ave		0.5989				9.5		30.0			
1,2,4-Trichlorobenzene	+++++ 0.2521	+++++ 0.3093	0.2048 0.2423	0.2164	0.2925	Ave		0.2529				16.3		30.0			
Hexachlorobutadiene	+++++ 0.5461	0.5157 0.5754	0.6584 0.4409	0.5779	0.6475	Ave		0.5660				13.3		30.0			
Naphthalene	+++++ 0.5470	+++++ 0.6532	0.4594 0.4948	0.4929	0.6392	Ave		0.5477				14.9		30.0			
1,2,3-Trichlorobenzene	+++++ 0.2480	0.1608 0.2977	0.2303 0.2025	0.2329	0.3059	Ave		0.2397				21.2		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-34477/3	ggh003.d
Level 2	IC 200-34477/4	ggh004.d
Level 3	IC 200-34477/6	ggh006.d
Level 4	IC 200-34477/7	ggh007.d
Level 5	ICIS 200-34477/8	ggh008.d
Level 6	IC 200-34477/9	ggh009.d
Level 7	IC 200-34477/10	ggh010.d
Level 8	IC 200-34477/11	ggh011.d

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
Propylene	BCM	Ave	+++++ 828649	+++++ 1064201	37782 2070068	294792	565408	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 4888261	+++++ 6362078	171942 12430839	1624478	3235144	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 2175578	+++++ 2824052	80519 5491232	772187	1471001	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 4715242	65738 6091910	159679 11682327	1581006	3118693	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 1107372	+++++ 1420994	46754 2788695	388220	748246	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 1659930	+++++ 2143539	74861 4140249	582295	1121075	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 910978	12335 1190021	31128 2322801	308066	601612	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	3158 1353703	18800 1766433	46183 3436706	462528	894095	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 1502495	20683 1966148	47177 3904415	483298	987078	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 586174	+++++ 777980	22411 1531882	197688	392084	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 1113042	18605 1446509	41538 2808539	396210	754245	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 1546890	18030 2063497	45653 4103658	472893	985579	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 326883	+++++ 440812	+++++ 855693	113364	183853	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 4625390	58619 6129596	149338 12166367	1489905	3001544	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 1710872	+++++ 2257463	66908 4353168	602000	1157495	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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
Ethanol	BCM	Ave	+++++ 446116	+++++ 888400	159921 2122406	228068	330755	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 706402	9806 944971	20855 1751237	232846	450928	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 2907261	36409 3845770	89138 7483875	901447	1882753	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 1273383	15313 1693709	37455 3335350	381826	818954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 1431547	+++++ 1810554	+++++ 3213802	572195	985332	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 3732963	+++++ 4913377	119942 9680072	1184771	2391514	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 1097186	+++++ 1421197	+++++ 2439721	332879	730084	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 1154215	16222 1493480	43932 2813520	397033	708462	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 590689	+++++ 767764	+++++ 1436494	201851	405757	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 1140630	+++++ 1480102	42357 2855250	389062	754302	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 1777836	+++++ 2376924	+++++ 4198255	542422	1222058	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 1749588	25665 2295919	57437 4310832	583333	1169515	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 3266407	42319 4279057	94855 7763313	1042744	2011212	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 639235	+++++ 840538	21754 1553080	220071	397911	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 69902	+++++ 90202	+++++ 163898	22267	41228	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 1506686	19835 1972737	50635 3734385	483593	988025	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 433312	+++++ 566474	+++++ 955049	116291	281028	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 2031452	29260 2662193	67176 4982634	668387	1304149	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 1857706	+++++ 2441844	+++++ 4462214	627176	1121196	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 1273057	16351 1670919	38047 3089444	396127	794024	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 424521	+++++ 539116	23515 942954	133679	255820	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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	+++++ 2721643	37388 3553543	84145 6686175	872710	1701594	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 771685	+++++ 1014884	+++++ 1832176	257729	484430	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 3481378	43834 4554000	107388 8475788	1084032	2222490	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 1511864	19569 1995856	45201 3696866	475314	991304	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 4574148	59999 5928425	174176 10873171	1497851	2922979	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2959081	41172 3909348	96722 7403606	943185	1825535	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 1520494	20906 1980519	53182 3676995	508970	951608	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 1378025	20663 1776635	50838 3354574	466068	878604	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 374779	+++++ 512946	+++++ 1057054	108798	243537	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 959156	13595 1260893	29469 2397517	303762	589729	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	8665 4051952	47716 5324378	115820 10206950	1221117	2570543	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 849661	+++++ 1139665	26220 2132874	250686	501311	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1665291	20171 2206702	45274 4077123	505938	1014887	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2516729	34915 3348405	77975 6416592	819986	1569858	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1378653	20280 1847388	43008 3459684	450767	859526	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1464795	+++++ 1944335	52417 3544092	472864	943937	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4605 1466076	20101 1861840	51046 3436173	489654	933003	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1662967	24293 2154365	56284 3932183	555365	1049504	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 1954439	22683 2643017	64266 4960886	582949	1185381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1411495	18540 1912666	46016 3602856	453304	881085	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 954396	11927 1301761	29903 2465497	301131	601921	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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
n-Dodecane	CBZ	Ave	+++++ 1015378	+++++ 1384282	+++++ 1533349	333708	713331	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Tetrachloroethene	CBZ	Ave	+++++ 2250784	26840 3064615	64129 6051578	662133	1347510	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1286938	+++++ 1790901	54448 3362707	415819	863110	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2754935	30669 3810030	75823 7328537	811861	1693873	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 1828775	22756 2502095	55116 4653673	586101	1148564	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 2560107	32612 3533819	74246 6728149	775722	1584399	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4275008	47453 5864143	115758 10928420	1257791	2578454	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1635237	20779 2145367	49330 3956932	516210	995172	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3490123	35375 4772991	88557 8862263	992080	2082889	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 1840591	20586 2492855	45620 4722878	527862	1079440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2435218	21044 3378850	55697 6449682	674821	1460404	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2849906	26506 4016466	66945 7924499	779356	1679320	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5560155	52886 7499325	139097 14146353	1552254	3222524	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2554948	29769 3424665	73622 6320397	775360	1567460	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5519408	55804 7412726	143315 13307645	1633647	3323175	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1787907	+++++ 2360981	56002 4183153	558405	1119108	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1895594	+++++ 2492095	54528 4437684	608822	1151200	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 5013412	41779 6882954	108484 12882833	1399981	2937388	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 4673937	52160 6322827	128070 11883618	1389188	2813472	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4531993	41510 6112022	108055 11536746	1305780	2685574	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	+++++ 2061504	14040 2906778	38476 5640381	545167	1204077	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-9655-1 Analy Batch No.: 34477

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/02/2012 15:54 Calibration End Date: 03/02/2012 22:27 Calibration ID: 13791

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
tert-Butylbenzene	CBZ	Ave	+++++ 4630553	45985 6238022	115603 11621976	1308667	2658140	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4381734	37175 5933237	99947 11183895	1243714	2572100	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6363953	59564 8548185	152447 15706690	1821629	3719032	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5336088	45704 7206772	119995 13374263	1504531	3121910	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2681593	24272 3842430	62286 7536339	729547	1589435	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2457832	22425 3557839	59838 7078102	660516	1452133	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2697588	20833 3909850	51881 8145612	730828	1351489	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1589893	+++++ 2152221	+++++ 3735178	510756	1004271	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3999462	32014 5467653	86581 10001112	1130828	2384217	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2758225	23984 3831390	63468 7456667	752242	1638136	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1198723	+++++ 1844526	21247 3068874	282351	696864	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 2596715	24466 3431505	68313 5584826	754068	1542708	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2600742	+++++ 3895088	47667 6267392	643094	1522902	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1178986	7628 1775525	23896 2564967	303859	728829	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab Sample ID: ICV 200-34477/16 Calibration Date: 03/03/2012 02:31

Instrument ID: G.i Calib Start Date: 03/02/2012 15:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/02/2012 22:27

Lab File ID: ggh016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV 290910

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7461	0.7024		9.41	10.0	-5.9	30.0
Dichlorodifluoromethane	Ave	4.103	4.192		10.2	10.0	2.2	30.0
Freon 22	Ave	1.872	1.886		10.1	10.0	0.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.016	4.041		10.1	10.0	0.6	30.0
Chloromethane	Ave	0.9760	0.9586		9.82	10.0	-1.8	30.0
n-Butane	Ave	1.485	1.417		9.54	10.0	-4.6	30.0
Vinyl chloride	Ave	1.155	1.161		10.1	10.0	0.5	30.0
1,3-Butadiene	Ave	0.7780	0.8178		10.5	10.0	5.1	30.0
Bromomethane	Ave	1.262	1.240		9.82	10.0	-1.7	30.0
Chloroethane	Ave	0.5062	0.4969		9.81	10.0	-1.8	30.0
Isopentane	Ave	1.010	0.9595		9.50	10.0	-5.0	30.0
Bromoethene(Vinyl Bromide)	Ave	1.246	1.295		10.4	10.0	3.9	30.0
Trichlorofluoromethane	Ave	3.858	3.874		10.0	10.0	0.4	30.0
n-Pentane	Ave	1.492	1.464		9.81	10.0	-1.9	30.0
Ethanol	Ave	0.3028	0.3102		15.4	15.0	2.4	30.0
Ethyl ether	Ave	0.5868	0.5716		9.74	10.0	-2.6	30.0
Acrolein	Ave	0.2612	0.2189		8.38	10.0	-16.2	30.0
Freon TF	Ave	2.379	2.630		11.1	10.0	10.6	30.0
1,1-Dichloroethene	Ave	1.026	1.174		11.4	10.0	14.5	30.0
Acetone	Ave	1.188	1.402		11.8	10.0	18.1	30.0
Carbon disulfide	Ave	3.051	3.205		10.5	10.0	5.1	30.0
Isopropyl alcohol	Ave	0.8470	0.8706		10.3	10.0	2.8	30.0
3-Chloropropene	Ave	0.996	0.9684		9.72	10.0	-2.8	30.0
Acetonitrile	Ave	0.4794	0.5188		10.8	10.0	8.2	30.0
Methylene Chloride	Ave	0.9700	1.051		10.8	10.0	8.3	30.0
tert-Butyl alcohol	Ave	1.407	1.429		10.2	10.0	1.6	30.0
Methyl tert-butyl ether	Ave	2.628	2.722		10.4	10.0	3.6	30.0
trans-1,2-Dichloroethene	Ave	1.498	1.493		9.96	10.0	-0.4	30.0
Acrylonitrile	Ave	0.5286	0.5546		10.5	10.0	4.9	30.0
n-Hexane	Ave	1.262	1.277		10.1	10.0	1.2	30.0
1,1-Dichloroethane	Ave	1.722	1.725		10.0	10.0	0.2	30.0
Vinyl acetate	Ave	1.464	1.543		10.5	10.0	5.4	30.0
cis-1,2-Dichloroethene	Ave	1.028	1.092		10.6	10.0	6.2	30.0
Methyl Ethyl Ketone	Ave	0.3803	0.3526		9.27	10.0	-7.3	30.0
Ethyl acetate	Ave	0.0536	0.0583		10.9	10.0	8.6	30.0
Tetrahydrofuran	Ave	0.1627	0.1910		11.7	10.0	17.4	30.0
Chloroform	Ave	2.246	2.249		10.0	10.0	0.1	30.0
1,1,1-Trichloroethane	Ave	0.7585	0.8308		11.0	10.0	9.5	30.0
Cyclohexane	Ave	0.3316	0.3653		11.0	10.0	10.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab Sample ID: ICV 200-34477/16 Calibration Date: 03/03/2012 02:31

Instrument ID: G.i Calib Start Date: 03/02/2012 15:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/02/2012 22:27

Lab File ID: ggh016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV 290910

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.8490	0.9437		11.1	10.0	11.2	30.0
2,2,4-Trimethylpentane	Ave	1.045	1.121		10.7	10.0	7.3	30.0
Benzene	Ave	0.6631	0.7009		10.6	10.0	5.7	30.0
1,2-Dichloroethane	Ave	0.3453	0.3654		10.6	10.0	5.8	30.0
n-Heptane	Ave	0.3216	0.3358		10.4	10.0	4.4	30.0
n-Butanol	Ave	0.0805	0.0772		9.59	10.0	-4.1	30.0
Trichloroethene	Ave	0.3395	0.3446		10.1	10.0	1.5	30.0
1,2-Dichloropropane	Ave	0.2129	0.2214		10.4	10.0	4.0	30.0
Methyl methacrylate	Ave	0.1807	0.1974		10.9	10.0	9.2	30.0
1,4-Dioxane	Ave	0.0868	0.0882		10.2	10.0	1.6	30.0
Dibromomethane	Ave	0.3508	0.3732		10.6	10.0	6.4	30.0
Bromodichloromethane	Ave	0.5633	0.6139		10.9	10.0	9.0	30.0
cis-1,3-Dichloropropene	Ave	0.3118	0.3259		10.4	10.0	4.5	30.0
methyl isobutyl ketone	Ave	0.3288	0.3637		11.1	10.0	10.6	30.0
n-Octane	Ave	0.3783	0.4058		10.7	10.0	7.3	30.0
Toluene	Ave	0.4697	0.4545		9.68	10.0	-3.2	30.0
trans-1,3-Dichloropropene	Ave	0.3160	0.3349		10.6	10.0	6.0	30.0
1,1,2-Trichloroethane	Ave	0.2338	0.2191		9.37	10.0	-6.3	30.0
Tetrachloroethene	Ave	0.5317	0.4995		9.39	10.0	-6.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3404	0.3278		9.63	10.0	-3.7	30.0
Dibromochloromethane	Ave	0.6439	0.6650		10.3	10.0	3.3	30.0
1,2-Dibromoethane	Ave	0.4448	0.4239		9.53	10.0	-4.7	30.0
Chlorobenzene	Ave	0.6178	0.5933		9.60	10.0	-4.0	30.0
Ethylbenzene	Ave	0.9868	1.004		10.2	10.0	1.8	30.0
n-Nonane	Ave	0.3918	0.3956		10.1	10.0	1.0	30.0
m,p-Xylene	Ave	0.3906	0.3985		20.4	20.0	2.0	30.0
Xylene, o-	Ave	0.4156	0.4104		9.87	10.0	-1.3	30.0
Styrene	Ave	0.5284	0.5562		10.5	10.0	5.3	30.0
Bromoform	Ave	0.6292	0.6659		10.6	10.0	5.8	30.0
Cumene	Ave	1.220	1.273		10.4	10.0	4.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6000	0.5824		9.70	10.0	-2.9	30.0
n-Propylbenzene	Ave	1.237	1.311		10.6	10.0	6.0	30.0
1,2,3-Trichloropropane	Ave	0.4233	0.4328		10.2	10.0	2.2	30.0
n-Decane	Ave	0.4404	0.4641		10.5	10.0	5.4	30.0
4-Ethyltoluene	Ave	1.065	1.167		11.0	10.0	9.5	30.0
2-Chlorotoluene	Ave	1.080	1.124		10.4	10.0	4.1	30.0
1,3,5-Trimethylbenzene	Ave	0.9905	1.031		10.4	10.0	4.1	30.0
Alpha Methyl Styrene	Ave	0.4223	0.4586		10.9	10.0	8.6	30.0
tert-Butylbenzene	Ave	1.020	1.065		10.4	10.0	4.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab Sample ID: ICV 200-34477/16 Calibration Date: 03/03/2012 02:31

Instrument ID: G.i Calib Start Date: 03/02/2012 15:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/02/2012 22:27

Lab File ID: ggh016.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV 290910

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.9399	0.9667		10.3	10.0	2.9	30.0
sec-Butylbenzene	Ave	1.385	1.460		10.5	10.0	5.4	30.0
4-Isopropyltoluene	Ave	1.139	1.218		10.7	10.0	7.0	30.0
1,3-Dichlorobenzene	Ave	0.5916	0.5956		10.1	10.0	0.7	30.0
1,4-Dichlorobenzene	Ave	0.5482	0.5492		10.0	10.0	0.2	30.0
Benzyl chloride	Ave	0.5618	0.5265		9.37	10.0	-6.3	30.0
n-Undecane	Ave	0.3606	0.3887		10.8	10.0	7.8	30.0
n-Butylbenzene	Ave	0.8463	0.9370		11.1	10.0	10.7	30.0
1,2-Dichlorobenzene	Ave	0.5989	0.5889		9.83	10.0	-1.7	30.0
n-Dodecane	Ave	0.2244	0.2888		12.9	10.0	28.7	30.0
1,2,4-Trichlorobenzene	Ave	0.2529	0.2515		9.94	10.0	-0.6	30.0
Hexachlorobutadiene	Ave	0.5660	0.5830		10.3	10.0	3.0	30.0
Naphthalene	Ave	0.5477	0.5399		9.85	10.0	-1.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2397	0.2714		11.3	10.0	13.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab Sample ID: CCVIS 200-34700/2 Calibration Date: 03/08/2012 10:56

Instrument ID: G.i Calib Start Date: 03/02/2012 15:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/02/2012 22:27

Lab File ID: gghd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 291253

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7461	0.6808		9.12	10.0	-8.8	30.0
Dichlorodifluoromethane	Ave	4.103	3.890		9.48	10.0	-5.2	30.0
Freon 22	Ave	1.872	1.751		9.35	10.0	-6.4	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.016	3.794		9.45	10.0	-5.5	30.0
Chloromethane	Ave	0.9760	0.9026		9.25	10.0	-7.5	30.0
n-Butane	Ave	1.485	1.351		9.09	10.0	-9.0	30.0
Vinyl chloride	Ave	1.155	1.086		9.40	10.0	-5.9	30.0
1,3-Butadiene	Ave	0.7780	0.7357		9.45	10.0	-5.4	30.0
Bromomethane	Ave	1.262	1.187		9.40	10.0	-6.0	30.0
Chloroethane	Ave	0.5062	0.4747		9.37	10.0	-6.2	30.0
Isopentane	Ave	1.010	0.9042		8.95	10.0	-10.5	30.0
Bromoethene(Vinyl Bromide)	Ave	1.246	1.220		9.79	10.0	-2.1	30.0
Trichlorofluoromethane	Ave	3.858	3.694		9.57	10.0	-4.2	30.0
n-Pentane	Ave	1.492	1.383		9.27	10.0	-7.3	30.0
Ethanol	Ave	0.3028	0.2483		12.3	15.0	-18.0	30.0
Ethyl ether	Ave	0.5868	0.5195		8.85	10.0	-11.5	30.0
Acrolein	Ave	0.2612	0.2196		8.41	10.0	-15.9	30.0
Freon TF	Ave	2.379	2.275		9.56	10.0	-4.4	30.0
1,1-Dichloroethene	Ave	1.026	1.001		9.75	10.0	-2.4	30.0
Acetone	Ave	1.188	1.135		9.55	10.0	-4.4	30.0
Carbon disulfide	Ave	3.051	2.953		9.68	10.0	-3.2	30.0
Isopropyl alcohol	Ave	0.8470	0.8426		9.95	10.0	-0.5	30.0
3-Chloropropene	Ave	0.996	0.8727		8.76	10.0	-12.4	30.0
Acetonitrile	Ave	0.4794	0.4518		9.42	10.0	-5.8	30.0
Methylene Chloride	Ave	0.9700	0.9084		9.36	10.0	-6.3	30.0
tert-Butyl alcohol	Ave	1.407	1.375		9.77	10.0	-2.3	30.0
trans-1,2-Dichloroethene	Ave	1.498	1.393		9.30	10.0	-7.0	30.0
Methyl tert-butyl ether	Ave	2.628	2.367		9.01	10.0	-9.9	30.0
Acrylonitrile	Ave	0.5286	0.4566		8.64	10.0	-13.6	30.0
n-Hexane	Ave	1.262	1.204		9.54	10.0	-4.6	30.0
1,1-Dichloroethane	Ave	1.722	1.620		9.41	10.0	-5.9	30.0
Vinyl acetate	Ave	1.464	1.312		8.96	10.0	-10.4	30.0
cis-1,2-Dichloroethene	Ave	1.028	0.9911		9.64	10.0	-3.6	30.0
Methyl Ethyl Ketone	Ave	0.3803	0.3047		8.01	10.0	-19.9	30.0
Ethyl acetate	Ave	0.0536	0.0497		9.26	10.0	-7.4	30.0
Tetrahydrofuran	Ave	0.1627	0.1592		9.78	10.0	-2.2	30.0
Chloroform	Ave	2.246	2.108		9.38	10.0	-6.2	30.0
1,1,1-Trichloroethane	Ave	0.7585	0.7772		10.2	10.0	2.5	30.0
Cyclohexane	Ave	0.3316	0.3425		10.3	10.0	3.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab Sample ID: CCVIS 200-34700/2 Calibration Date: 03/08/2012 10:56

Instrument ID: G.i Calib Start Date: 03/02/2012 15:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/02/2012 22:27

Lab File ID: gghd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 291253

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.8490	0.8909		10.5	10.0	4.9	30.0
2,2,4-Trimethylpentane	Ave	1.045	1.015		9.71	10.0	-2.8	30.0
Benzene	Ave	0.6631	0.6588		9.93	10.0	-0.6	30.0
1,2-Dichloroethane	Ave	0.3453	0.3394		9.83	10.0	-1.7	30.0
n-Heptane	Ave	0.3216	0.3063		9.52	10.0	-4.8	30.0
n-Butanol	Ave	0.0805	0.0755		9.38	10.0	-6.2	30.0
Trichloroethene	Ave	0.3395	0.3437		10.1	10.0	1.2	30.0
1,2-Dichloropropane	Ave	0.2129	0.2033		9.55	10.0	-4.5	30.0
Methyl methacrylate	Ave	0.1807	0.1691		9.36	10.0	-6.4	30.0
1,4-Dioxane	Ave	0.0868	0.0928		10.7	10.0	6.9	30.0
Dibromomethane	Ave	0.3508	0.3738		10.7	10.0	6.6	30.0
Bromodichloromethane	Ave	0.5633	0.5615		9.97	10.0	-0.3	30.0
cis-1,3-Dichloropropene	Ave	0.3118	0.3081		9.88	10.0	-1.2	30.0
methyl isobutyl ketone	Ave	0.3288	0.3099		9.42	10.0	-5.8	30.0
n-Octane	Ave	0.3783	0.3530		9.33	10.0	-6.7	30.0
Toluene	Ave	0.4697	0.4561		9.71	10.0	-2.9	30.0
trans-1,3-Dichloropropene	Ave	0.3160	0.3012		9.53	10.0	-4.7	30.0
1,1,2-Trichloroethane	Ave	0.2338	0.2263		9.68	10.0	-3.2	30.0
Tetrachloroethene	Ave	0.5317	0.5447		10.2	10.0	2.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3404	0.3094		9.09	10.0	-9.1	30.0
Dibromochloromethane	Ave	0.6439	0.6448		10.0	10.0	0.1	30.0
1,2-Dibromoethane	Ave	0.4448	0.4481		10.1	10.0	0.7	30.0
Chlorobenzene	Ave	0.6178	0.6068		9.82	10.0	-1.8	30.0
Ethylbenzene	Ave	0.9868	0.9590		9.72	10.0	-2.8	30.0
n-Nonane	Ave	0.3918	0.3667		9.36	10.0	-6.4	30.0
m,p-Xylene	Ave	0.3906	0.3892		19.9	20.0	-0.3	30.0
Xylene, o-	Ave	0.4156	0.3985		9.59	10.0	-4.1	30.0
Styrene	Ave	0.5284	0.5422		10.3	10.0	2.6	30.0
Bromoform	Ave	0.6292	0.6318		10.0	10.0	0.4	30.0
Cumene	Ave	1.220	1.183		9.69	10.0	-3.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6000	0.5728		9.55	10.0	-4.5	30.0
1,2,3-Trichloropropane	Ave	0.4233	0.4068		9.61	10.0	-3.9	30.0
n-Propylbenzene	Ave	1.237	1.215		9.82	10.0	-1.8	30.0
n-Decane	Ave	0.4404	0.4179		9.49	10.0	-5.1	30.0
4-Ethyltoluene	Ave	1.065	1.078		10.1	10.0	1.2	30.0
2-Chlorotoluene	Ave	1.080	1.028		9.52	10.0	-4.8	30.0
1,3,5-Trimethylbenzene	Ave	0.9905	0.9641		9.73	10.0	-2.7	30.0
Alpha Methyl Styrene	Ave	0.4223	0.4359		10.3	10.0	3.2	30.0
tert-Butylbenzene	Ave	1.020	0.9677		9.49	10.0	-5.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Lab Sample ID: CCVIS 200-34700/2 Calibration Date: 03/08/2012 10:56

Instrument ID: G.i Calib Start Date: 03/02/2012 15:54

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/02/2012 22:27

Lab File ID: gghd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 291253

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.9399	0.9333		9.93	10.0	-0.7	30.0
sec-Butylbenzene	Ave	1.385	1.338		9.66	10.0	-3.3	30.0
4-Isopropyltoluene	Ave	1.139	1.126		9.89	10.0	-1.1	30.0
1,3-Dichlorobenzene	Ave	0.5916	0.5839		9.87	10.0	-1.3	30.0
1,4-Dichlorobenzene	Ave	0.5482	0.5342		9.74	10.0	-2.6	30.0
Benzyl chloride	Ave	0.5618	0.4875		8.68	10.0	-13.2	30.0
n-Undecane	Ave	0.3606	0.3704		10.3	10.0	2.7	30.0
n-Butylbenzene	Ave	0.8463	0.8451		9.98	10.0	-0.1	30.0
1,2-Dichlorobenzene	Ave	0.5989	0.5891		9.83	10.0	-1.6	30.0
n-Dodecane	Ave	0.2244	0.2604		11.6	10.0	16.1	30.0
1,2,4-Trichlorobenzene	Ave	0.2529	0.2390		9.45	10.0	-5.5	30.0
Hexachlorobutadiene	Ave	0.5660	0.5475		9.67	10.0	-3.3	30.0
Naphthalene	Ave	0.5477	0.5293		9.66	10.0	-3.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2397	0.2459		10.3	10.0	2.6	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Instrument ID: G.i Start Date: 03/02/2012 14:16

Analysis Batch Number: 34477 End Date: 03/03/2012 03:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-34477/1		03/02/2012 14:16	1	ggh001.d	RTX-624 0.32(mm)
VIBLK 200-34477/2		03/02/2012 15:05	1		RTX-624 0.32(mm)
IC 200-34477/3		03/02/2012 15:54	1	ggh003.d	RTX-624 0.32(mm)
IC 200-34477/4		03/02/2012 16:43	1	ggh004.d	RTX-624 0.32(mm)
ZZZZZ		03/02/2012 17:33	1		RTX-624 0.32(mm)
IC 200-34477/6		03/02/2012 18:22	1	ggh006.d	RTX-624 0.32(mm)
IC 200-34477/7		03/02/2012 19:11	1	ggh007.d	RTX-624 0.32(mm)
ICIS 200-34477/8		03/02/2012 20:00	1	ggh008.d	RTX-624 0.32(mm)
IC 200-34477/9		03/02/2012 20:48	1	ggh009.d	RTX-624 0.32(mm)
IC 200-34477/10		03/02/2012 21:37	1	ggh010.d	RTX-624 0.32(mm)
IC 200-34477/11		03/02/2012 22:27	1	ggh011.d	RTX-624 0.32(mm)
VIBLK 200-34477/12		03/02/2012 23:16	1		RTX-624 0.32(mm)
VIBLK 200-34477/13		03/03/2012 00:04	1		RTX-624 0.32(mm)
ZZZZZ		03/03/2012 00:53	1		RTX-624 0.32(mm)
VIBLK 200-34477/15		03/03/2012 01:42	1		RTX-624 0.32(mm)
ICV 200-34477/16		03/03/2012 02:31	1	ggh016.d	RTX-624 0.32(mm)
VIBLK 200-34477/17		03/03/2012 03:20	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-9655-1

SDG No.:

Instrument ID: G.i Start Date: 03/08/2012 10:04

Analysis Batch Number: 34700 End Date: 03/09/2012 10:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-34700/1		03/08/2012 10:04	1	gghd001.d	RTX-624 0.32(mm)
CCVIS 200-34700/2		03/08/2012 10:56	1	gghd002.d	RTX-624 0.32(mm)
LCS 200-34700/3		03/08/2012 11:51	1	gghd003.d	RTX-624 0.32(mm)
MB 200-34700/4		03/08/2012 12:40	1	gghd004.d	RTX-624 0.32(mm)
ZZZZZ		03/08/2012 13:29	1		RTX-624 0.32(mm)
ZZZZZ		03/08/2012 14:18	1		RTX-624 0.32(mm)
ZZZZZ		03/08/2012 15:06	1		RTX-624 0.32(mm)
200-9655-1	4153	03/08/2012 16:00	0.2	gghd008.d	RTX-624 0.32(mm)
200-9655-2	2672	03/08/2012 16:54	0.2	gghd009.d	RTX-624 0.32(mm)
200-9655-3	3083	03/08/2012 17:48	0.2	gghd010.d	RTX-624 0.32(mm)
200-9655-4	2632	03/08/2012 18:42	0.2	gghd011.d	RTX-624 0.32(mm)
ZZZZZ		03/08/2012 19:31	1		RTX-624 0.32(mm)
ZZZZZ		03/08/2012 20:21	1		RTX-624 0.32(mm)
ZZZZZ		03/08/2012 21:12	1		RTX-624 0.32(mm)
200-9655-5	3129	03/08/2012 22:06	0.2	gghd015.d	RTX-624 0.32(mm)
200-9655-6	4118	03/08/2012 23:00	0.2	gghd016.d	RTX-624 0.32(mm)
200-9655-7	3286	03/08/2012 23:54	0.2	gghd017.d	RTX-624 0.32(mm)
200-9655-8	3374	03/09/2012 00:48	0.2	gghd018.d	RTX-624 0.32(mm)
ZZZZZ		03/09/2012 01:36	1		RTX-624 0.32(mm)
ZZZZZ		03/09/2012 02:25	15.1		RTX-624 0.32(mm)
ZZZZZ		03/09/2012 03:14	1		RTX-624 0.32(mm)
200-9655-9	4313	03/09/2012 04:09	0.2	gghd022.d	RTX-624 0.32(mm)
200-9655-10	4360	03/09/2012 05:03	0.2	gghd023.d	RTX-624 0.32(mm)
200-9655-11	3627	03/09/2012 05:58	0.2	gghd024.d	RTX-624 0.32(mm)
200-9655-12	5119	03/09/2012 06:52	0.2	gghd025.d	RTX-624 0.32(mm)
ZZZZZ		03/09/2012 07:41	405		RTX-624 0.32(mm)
ZZZZZ		03/09/2012 08:30	1		RTX-624 0.32(mm)
ZZZZZ		03/09/2012 09:19	1		RTX-624 0.32(mm)
ZZZZZ		03/09/2012 10:08	1		RTX-624 0.32(mm)

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: 6-6H	Start Date: 03/02/12	Time: 1416	ISTD Lot #: 2480628	Instrument ID: G
Test Method: TO15	End Date: 03/03/12	Time: 1416	CAL STD Lot # see comments	Instrument: 5973
ICAL Date: 03/02/12			ICV / LCS Lot # see comments	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Paul Daigle			
Signature		Paul D PAD			

	Sequence Information							Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1416	6-6H 001	N/A	BFB	NA	NA	NA	PAD	NA	✓	PAD	ok
1505	002	4634	viblk		1	200		✓	✓		
1554	003	3510	IC, lev 8		2	40		N/A	✓		279316
1643	004	3510	IC, lev 1		2	200			✓		279316
1733	005	2603	NA (lev 2)		3				—		279315 RR
1822	006	~~3384~~ 3843	IC, lev 2		3				✓		279313
1911	007	3093	IC, lev 3		4				✓		275709
2000	008	3482	ICIS, lev 4		5				✓		291253
2048	009	3643	IC, lev 5		6				✓		279073
2137	010	3551	IC, lev 6		7				✓		279072
2227	011	3631	IC, lev 7		8				✓		275630
2316	012	4634	viblk		1			✓	✓		
0004	013	4634	viblk		1			✓	✓		
0053	014	3640	LCS		9			✓	↑		290910 Pad ↑
0142	015	4634	viblk		1			✓	✓		
0231	016	3640	ICV		9			✓	✓		290910 AG
0320	017	4634	VIBLK		1			✓	✓		

PAD 03/05/12

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID: GGHD	Start Date: 03/08/12	Time: 1004		ISTD Lot #: 248062	Instrument ID: G
Test Method: T015	End Date: 03/09/12	Time: 1004		CAL STD Lot # 291253	Instrument: 5973
ICAL Date: 03/02/12				ICV / LCS Lot # 290910	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1004	GGHD 001	N/A	BFB	N/A	—	—	PAD	N/A	✓	PAD	
1056	002	3482	CCVIS	"	1	200	"	"	✓	"	AG
1151	003	3640	LCS	"	2	200	"	✓	✓	"	AG
1240	004	4634	MB	"	3	200	"	✓	✓		
1329	005	3474	9633-01	1	4	200	"	—	—	"	LL analysis only
1418	006	3220	" -02	1	5	200	"	✓	✓	"	C
1506	007	4162	" -04	1	6	200	"	✓	✓	"	C
1600	008	4153	9655-01	0.2	7	1000	"	✓	✓	AHK	C
1654	009	2672	" -02	"	8	"	"	✓	✓	"	C
1748	010	3083	" -03	"	9	"	"	✓	✓	"	C
1842	011	2632	" -04	"	10	"	"	✓	✓	"	C
1931	012	4917	9633-06	1	11	200	"	✓	✓	"	C
2021	013	2955	" -08	"	12	"	"	✓	✓	PAD	C
2112	014	2733	" -09	"	13	"	"	✓	✓	"	C
2206	015	3129	9655-05	0.2	14	1000	"	✓	✓	"	
2300	016	4118	" -06	"	15	"	"	✓	✓	"	
2354	017	3286	" -07	"	16	"	"	✓	✓	"	
0048	018	3374	" -08	"	1	"	"	✓	✓	"	
0136	019	3757	9633-11	1	2	200	"	✓	✓	"	C
0225	020	2568	" -13	15.1	3	39	"	✓	—	"	cdf 2.94 R 400mls
0314	021	5038	" -18	1	4	200	"	✓	✓	"	
0409	022	4313	9655-09	0.2	5	1000	"	✓	✓	"	
0503	023	4360	" -10	"	6	"	"	✓	✓	"	
0558	024	3627	" -11	"	7	"	"	✓	✓	"	
0652	025	5119	" -12	"	8	"	AHK	✓	✓	"	
0741	026	~~4220~~ 4291	9633-20	405	9	26034	"	✓	✓	"	cdf 65.88 C
0830	027	4820	" -22	1	10	200	"	✓	✓	"	C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Page 500 of 506

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: GGHD	Start Date: 03/08/12	Time: 1004	ISTD Lot #:	Instrument ID: G
Test Method: TO15	End Date: 03/09/12	Time: 1004	CAL STD Lot #	Instrument: 5973
ICAL Date: 03/02/12			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0919	GGHD 0028	4022	9657-01	1	11	200	AHK	✓	✓	PAD	
1008	↓ 029	2510	↓ -02	1	12	200	AHK	✓	✓	↓	

PAD 03/09/12

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

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	Project Manager: Claire Leary	Samples Collected By: C. McKenzie / J. Kondratowicz	1 of 2 COCs
Company: O'Brien & Gere	Phone: 315-956-6100		
Address: 333 West Washington Street	Email: Claire.Leary@obg.com		
City/State/Zip Syracuse, NY 13202			
Phone: 315-956-6100	Site Contact:		
FAX: 315-463-7554	TA Contact:		
Project Name: MLC	Analysis Turnaround Time		
Site: Former GM Facility	Standard (Specify) X (2 weeks)		
PO # 48884.002.200	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 (Low-Level)	TO-14A	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-031512-CM-29	3/14/2012-3/15/2012	1320	1244	-30.0	-5.6	3115	2632	X											
IA-031512-CM-30		1403	1424	-30.0	-8.0	2826	4118	X											
IA-031512-CM-31		1425	1440	-29.6	-6.2	3742	2672	X											
IA-031512-CM-32		1444	1456	-29.8	-5.3	4491	4153	X											
IA-031512-CM-33		1510	1511	-29.3	-4.9	3026	3286	X											
IA-031512-CM-34	↓	1516	1516	-29.6	-5.0	5222	3374	X											

Temperature (Fahrenheit)	Interior	Ambient	
Start	65°F-72°F	56°F	
Stop	65°F-73°F	61°F	

Pressure (inches of Hg)	Interior	Ambient	
Start	30.16	30.16	
Stop	30.09	30.09	

Special Instructions/QC Requirements & Comments:
Analyze per STL Burlington TO-15 Low level target analytes (TestAmerica)

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by: Chris McKenzie	Date/Time: 3/16/12 1032	Received by: R English, Syr
Relinquished by: R English	Date/Time: 03-16-12, 19:00	Received by: 3/19/12 0945

Lab Use Only **Shipper 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: Clare Leary	Samples Collected By: C. McKenzie / J. Kendratowicz	2 of 2 COCs
Company: O'Brien & Gere	Phone: 315-956-6100		
Address: 333 West Washington Street	Email: clare.leary@obg.com		
City/State/Zip Syracuse NY 13202			
Phone: 315-956-6100	Site Contact:		
FAX: 315-463-7554	TA Contact:		
Project Name: MLC	Analysis Turnaround Time		
Site: Former GM Facility	Standard (Specify) X (2 Weeks)		
PO # 48494.003.200	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 (Low Level)	TO-14A	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-031512-CM-35	3/14/2012-3/15/2012	1547	1537	-30.0	-6.2	4394	4360	X											
IA-031512-CM-36-DUP	↓	1553	1536	-30.0	-6.3	5240	5119	X											
IA-031512-CM-37	↓	1618	1548	-29.2	-6.8	5225	3129	X											
AA-031512-CM-38	↓	1530	1525	-29.7	-4.6	4202	4313	X											

Temperature (Fahrenheit)	Interior	Ambient
Start	65°F-72°F	56°F
Stop	65°F-73°F	61°F

Pressure (inches of Hg)	Interior	Ambient
Start	30.16	30.16
Stop	30.09	30.09

Special Instructions/QC Requirements & Comments:

Analyze per STL Burlington TO-15 Low Level target analytes (Test America)

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by: Chris McKenzie	Date/Time: 3/16/12 1032	Received by: Federal Express
Relinquished by: Federal Express	Date/Time: 03-16-12, 19:00	Received by: 3/19/12 0945

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

ORIGIN ID: SYRA (315) 383-9050
ROBERT ENGLISH
TESTAMERICA
SYRACUSE SERVICE CENTER
118 BOSS ROAD
SYRACUSE, NY 13211
UNITED STATES US

Ship Date: 16MAR12
ActWgt: 36.0 LB MAN
System#: 281822/CAFE2362
Account: S 371356100
Dimmed: 21x21x17 IN

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx Express

Ref: OBG MLC 3pcs

Delivery Address Barcode

BILL RECIPIENT

STANDARD OVERNIGHT

MON
Deliver By:
19MAR12

TRK# 4744 8267 9387

Form 0201

BTV

A4

05403 -VT-US

KS BTVA

ORIGIN ID: SYRA (315) 383-9050
ROBERT ENGLISH
TESTAMERICA
SYRACUSE SERVICE CENTER
118 BOSS ROAD
SYRACUSE, NY 13211
UNITED STATES US

Ship Date: 16MAR12
ActWgt: 18.0 LB MAN
System#: 281822/CAFE2362
Account: S 371356100
Dimmed: 21x17x11 IN

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx Express

Ref: OBG MLC 3pcs

Delivery Address Barcode

BILL RECIPIENT

STANDARD OVERNIGHT

MON
Deliver By
19MAR12

TRK# 4744 8267 9402

Form 0201

BTV

A4

05403 -VT-US

KS BTVA

STANDARD OVERNIGHT

MON
Deliver By
19MAR12

TRK# 4744 8267 9398

Form 0201

BTV

A4

05403 -VT-US

KS BTVA

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 200-9901-1
SDG Number: 200-9901-1

Login Number: 9901
List Number: 1
Creator: Holt, Jamie

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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 sample IDs on the containers 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix G

2014 Post-SSDS Indoor Air Sampling Data Package

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 200-21576-1

SDG Number: 200-21576

Job Description: Racer Trust VI

For:
O'Brien & Gere Inc of North America
PO BOX 4873
Syracuse, NY 13221

Attention: Judith Rank



Approved for release.
Kathryn A Kelly
Project Manager I
4/23/2014 5:04 PM

Kathryn A Kelly, Project Manager I
30 Community Drive, South Burlington, VT, 05403
kathryn.kelly@testamericainc.com
04/23/2014
Revision: 1

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 5
- Sample Summary 7
- Executive Summary 8
- Method Summary 13
- Method / Analyst Summary 14
- Sample Datasheets 15
- QC Data Summary 32
- Data Qualifiers 38
- QC Association Summary 39
- Lab Chronicle 40
- Reagent Traceability 43
  - COAs 61
- Certification Summary 65

Organic Sample Data 66

- Air - GC/MS VOA 66
  - Method TO15 Low Level 66
    - Method TO15 Low Level QC Summary 67
    - Method TO15 Low Level Sample Data 77
    - Standards Data 264
      - Method TO15 Low Level ICAL Data 264
      - Method TO15 Low Level CCAL Data 304
    - Raw QC Data 319
      - Method TO15 Low Level Tune Data 319

Table of Contents

Method TO15 Low Level Blank Data 331

Method TO15 Low Level LCS/LCSD Data 341

Method TO15 Low Level Run Logs 349

Method TO15 Low Level Prep Data 352

Pre-shipment Certification 353

LCS Data 357

Blank Data 364

Tune Data 388

IS/RT Data 394

Clean Canister Data 399

ICAL Data 510

ICV/CCV Data 524

Run Logs 535

Shipping and Receiving Documents 541

Client Chain of Custody 542

Sample Receipt Checklist 545

CASE NARRATIVE

Client: O'Brien & Gere Inc of North America

Project: Racer Trust VI

Report Number: 200-21576-1

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 03/27/2014; the samples arrived in good condition.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): RT-42-IA-032514. The container label lists a sample end time of 1113, while the COC lists a sample end time of 1058. The sample was logged in per COC.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): RT-45-IA-032514. The container label does not list a sample end time, while the COC lists a sample end time of 1206. The sample was logged in per COC.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): RT-DUP-IA-032514. The container label lists a sample ID of RT-DUP-IA-032514. The COC lists a sample ID of RT-DUP. The sample was logged in per container label.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples RT-38-IA-032514, RT-39-IA-032514, RT-40-IA-032514, RT-41-IA-032514, RT-42-IA-032514, RT-43-IA-032514, RT-44-IA-032514, RT-45-IA-032514, RT-AA-032514 and RT-DUP-IA-032514 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 03/31/2014 and 04/01/2014.

The original analyses of samples RT-39-IA-032514, RT-40-IA-032514, RT-41-IA-032514, RT-42-IA-032514, RT-43-IA-032514, RT-45-IA-032514 and RT-DUP-IA-032514 did yield concentrations for target analytes that exceeded the range of calibrated instrument response. These samples were diluted and re-analyzed yielding acceptable results. The results from both analyses have been formally presented.

No other difficulties were encountered during the Low Level VOC analysis.

All quality control parameters were within the acceptance limits.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Instrument ID: CHE.i Analysis Batch Number: 69618

Lab Sample ID: IC 200-69618/4 Client Sample ID:

Date Analyzed: 03/18/14 14:38 Lab File ID: 6594_004.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl tert-butyl ether	7.75	Peak not found by the data system	desjardin sb	03/19/14 10:28
Trichloroethene	11.71	Peak not found by the data system	desjardin sb	03/19/14 10:28
1,2-Dichloropropane	12.09	Peak not found by the data system	desjardin sb	03/19/14 10:28

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Instrument ID: CHE.i Analysis Batch Number: 70082

Lab Sample ID: 200-21576-8 Client Sample ID: RT-45-IA-032514

Date Analyzed: 03/31/14 19:25 Lab File ID: 6778_013.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	11.72	Peak not found by the data system	desjardin sb	04/01/14 07:13

Lab Sample ID: 200-21576-9 Client Sample ID: RT-AA-032514

Date Analyzed: 03/31/14 20:20 Lab File ID: 6778_014.D GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	11.71	Peak not found by the data system	desjardin sb	04/01/14 07:14

SAMPLE SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-21576-1	RT-38-IA-032514	Air	03/26/2014 0840	03/27/2014 1030
200-21576-2	RT-39-IA-032514	Air	03/26/2014 1015	03/27/2014 1030
200-21576-3	RT-40-IA-032514	Air	03/26/2014 1215	03/27/2014 1030
200-21576-4	RT-41-IA-032514	Air	03/26/2014 1040	03/27/2014 1030
200-21576-5	RT-42-IA-032514	Air	03/26/2014 1058	03/27/2014 1030
200-21576-6	RT-43-IA-032514	Air	03/26/2014 1054	03/27/2014 1030
200-21576-7	RT-44-IA-032514	Air	03/26/2014 1128	03/27/2014 1030
200-21576-8	RT-45-IA-032514	Air	03/26/2014 1206	03/27/2014 1030
200-21576-9	RT-AA-032514	Air	03/26/2014 1130	03/27/2014 1030
200-21576-10	RT-DUP-IA-032514	Air	03/26/2014 1058	03/27/2014 1030

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-21576-1	**RT-38-IA-032514**					
Methylene Chloride		0.13		0.10	ppb v/v	TO15 LL
Methylene Chloride		0.45		0.35	ug/m3	TO15 LL
Trichloroethene		0.058		0.010	ppb v/v	TO15 LL
Trichloroethene		0.31		0.054	ug/m3	TO15 LL
Toluene		0.63		0.010	ppb v/v	TO15 LL
Toluene		2.4		0.038	ug/m3	TO15 LL
Tetrachloroethene		0.029		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.20		0.068	ug/m3	TO15 LL
Ethylbenzene		0.13		0.010	ppb v/v	TO15 LL
Ethylbenzene		0.56		0.043	ug/m3	TO15 LL
o-Xylene		0.19		0.010	ppb v/v	TO15 LL
o-Xylene		0.80		0.043	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.56		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		2.4		0.087	ug/m3	TO15 LL
Xylenes, Total		0.74		0.010	ppb v/v	TO15 LL
Xylenes, Total		3.2		0.043	ug/m3	TO15 LL
200-21576-2	**RT-39-IA-032514**					
Methylene Chloride		0.53		0.10	ppb v/v	TO15 LL
Methylene Chloride		1.8		0.35	ug/m3	TO15 LL
cis-1,2-Dichloroethene		0.013		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.052		0.040	ug/m3	TO15 LL
Trichloroethene		0.046		0.010	ppb v/v	TO15 LL
Trichloroethene		0.25		0.054	ug/m3	TO15 LL
Toluene		0.83	D	0.15	ppb v/v	TO15 LL
Toluene		3.1	D	0.57	ug/m3	TO15 LL
Tetrachloroethene		0.014		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.093		0.068	ug/m3	TO15 LL
Ethylbenzene		2.1	D	0.15	ppb v/v	TO15 LL
Ethylbenzene		9.2	D	0.66	ug/m3	TO15 LL
o-Xylene		3.5	D	0.15	ppb v/v	TO15 LL
o-Xylene		15	D	0.66	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.013		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.052		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		10	D	0.30	ppb v/v	TO15 LL
m-Xylene & p-Xylene		44	D	1.3	ug/m3	TO15 LL
Xylenes, Total		22		0.010	ppb v/v	TO15 LL
Xylenes, Total		96		0.043	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-21576-3	**RT-40-IA-032514**					
cis-1,2-Dichloroethene		0.026		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.10		0.040	ug/m3	TO15 LL
1,1,1-Trichloroethane		0.014		0.010	ppb v/v	TO15 LL
1,1,1-Trichloroethane		0.074		0.055	ug/m3	TO15 LL
Trichloroethene		0.097		0.010	ppb v/v	TO15 LL
Trichloroethene		0.52		0.054	ug/m3	TO15 LL
Toluene		1.4	D	0.025	ppb v/v	TO15 LL
Toluene		5.1	D	0.094	ug/m3	TO15 LL
Tetrachloroethene		0.018		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.12		0.068	ug/m3	TO15 LL
Ethylbenzene		0.44		0.010	ppb v/v	TO15 LL
Ethylbenzene		1.9		0.043	ug/m3	TO15 LL
o-Xylene		0.59		0.010	ppb v/v	TO15 LL
o-Xylene		2.6		0.043	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.026		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.10		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.8		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		7.7		0.087	ug/m3	TO15 LL
Xylenes, Total		2.4		0.010	ppb v/v	TO15 LL
Xylenes, Total		10		0.043	ug/m3	TO15 LL
200-21576-4	**RT-41-IA-032514**					
cis-1,2-Dichloroethene		0.088		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.35		0.040	ug/m3	TO15 LL
1,1,1-Trichloroethane		0.033		0.010	ppb v/v	TO15 LL
1,1,1-Trichloroethane		0.18		0.055	ug/m3	TO15 LL
Trichloroethene		0.14		0.010	ppb v/v	TO15 LL
Trichloroethene		0.73		0.054	ug/m3	TO15 LL
Toluene		1.2	D	0.025	ppb v/v	TO15 LL
Toluene		4.5	D	0.094	ug/m3	TO15 LL
Tetrachloroethene		0.020		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.14		0.068	ug/m3	TO15 LL
Ethylbenzene		0.42		0.010	ppb v/v	TO15 LL
Ethylbenzene		1.8		0.043	ug/m3	TO15 LL
o-Xylene		0.55		0.010	ppb v/v	TO15 LL
o-Xylene		2.4		0.043	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.088		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.35		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.6		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		7.1		0.087	ug/m3	TO15 LL
Xylenes, Total		2.2		0.010	ppb v/v	TO15 LL
Xylenes, Total		9.5		0.043	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-21576-5	**RT-42-IA-032514**					
Methylene Chloride		0.11		0.10	ppb v/v	TO15 LL
Methylene Chloride		0.37		0.35	ug/m3	TO15 LL
cis-1,2-Dichloroethene		0.029		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.11		0.040	ug/m3	TO15 LL
1,1,1-Trichloroethane		0.013		0.010	ppb v/v	TO15 LL
1,1,1-Trichloroethane		0.073		0.055	ug/m3	TO15 LL
Trichloroethene		0.10		0.010	ppb v/v	TO15 LL
Trichloroethene		0.56		0.054	ug/m3	TO15 LL
Toluene		0.89	D	0.025	ppb v/v	TO15 LL
Toluene		3.4	D	0.094	ug/m3	TO15 LL
Tetrachloroethene		0.019		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.13		0.068	ug/m3	TO15 LL
Ethylbenzene		0.36		0.010	ppb v/v	TO15 LL
Ethylbenzene		1.6		0.043	ug/m3	TO15 LL
o-Xylene		0.50		0.010	ppb v/v	TO15 LL
o-Xylene		2.2		0.043	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.029		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.11		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		1.5		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		6.3		0.087	ug/m3	TO15 LL
Xylenes, Total		2.0		0.010	ppb v/v	TO15 LL
Xylenes, Total		8.5		0.043	ug/m3	TO15 LL
200-21576-6	**RT-43-IA-032514**					
cis-1,2-Dichloroethene		0.025		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.10		0.040	ug/m3	TO15 LL
Trichloroethene		0.20		0.010	ppb v/v	TO15 LL
Trichloroethene		1.1		0.054	ug/m3	TO15 LL
Toluene		1.3	D	0.025	ppb v/v	TO15 LL
Toluene		4.9	D	0.094	ug/m3	TO15 LL
Tetrachloroethene		0.030		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.20		0.068	ug/m3	TO15 LL
Ethylbenzene		0.044		0.010	ppb v/v	TO15 LL
Ethylbenzene		0.19		0.043	ug/m3	TO15 LL
o-Xylene		0.085		0.010	ppb v/v	TO15 LL
o-Xylene		0.37		0.043	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.025		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.10		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.16		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.71		0.087	ug/m3	TO15 LL
Xylenes, Total		0.25		0.010	ppb v/v	TO15 LL
Xylenes, Total		1.1		0.043	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-21576-7	**RT-44-IA-032514**					
cis-1,2-Dichloroethene		0.024		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.095		0.040	ug/m3	TO15 LL
Trichloroethene		0.15		0.010	ppb v/v	TO15 LL
Trichloroethene		0.82		0.054	ug/m3	TO15 LL
Toluene		0.19		0.010	ppb v/v	TO15 LL
Toluene		0.73		0.038	ug/m3	TO15 LL
Tetrachloroethene		0.035		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.24		0.068	ug/m3	TO15 LL
Ethylbenzene		0.019		0.010	ppb v/v	TO15 LL
Ethylbenzene		0.084		0.043	ug/m3	TO15 LL
o-Xylene		0.028		0.010	ppb v/v	TO15 LL
o-Xylene		0.12		0.043	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.024		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.095		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.066		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.29		0.087	ug/m3	TO15 LL
Xylenes, Total		0.094		0.010	ppb v/v	TO15 LL
Xylenes, Total		0.41		0.043	ug/m3	TO15 LL
200-21576-8	**RT-45-IA-032514**					
Methylene Chloride		0.12		0.10	ppb v/v	TO15 LL
Methylene Chloride		0.42		0.35	ug/m3	TO15 LL
Trichloroethene		0.021		0.010	ppb v/v	TO15 LL
Trichloroethene		0.11		0.054	ug/m3	TO15 LL
Toluene		2.5	D	0.050	ppb v/v	TO15 LL
Toluene		9.3	D	0.19	ug/m3	TO15 LL
Tetrachloroethene		0.014		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.093		0.068	ug/m3	TO15 LL
Ethylbenzene		0.27		0.010	ppb v/v	TO15 LL
Ethylbenzene		1.2		0.043	ug/m3	TO15 LL
o-Xylene		0.30		0.010	ppb v/v	TO15 LL
o-Xylene		1.3		0.043	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.90		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		3.9		0.087	ug/m3	TO15 LL
Xylenes, Total		1.2		0.010	ppb v/v	TO15 LL
Xylenes, Total		5.2		0.043	ug/m3	TO15 LL

EXECUTIVE SUMMARY - Detections

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-21576-9	**RT-AA-032514**					
Toluene		0.12		0.010	ppb v/v	TO15 LL
Toluene		0.44		0.038	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.023		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		0.10		0.087	ug/m3	TO15 LL
Xylenes, Total		0.032		0.010	ppb v/v	TO15 LL
Xylenes, Total		0.14		0.043	ug/m3	TO15 LL
200-21576-10	**RT-DUP-IA-032514**					
Methylene Chloride		0.19		0.10	ppb v/v	TO15 LL
Methylene Chloride		0.67		0.35	ug/m3	TO15 LL
cis-1,2-Dichloroethene		0.028		0.010	ppb v/v	TO15 LL
cis-1,2-Dichloroethene		0.11		0.040	ug/m3	TO15 LL
1,1,1-Trichloroethane		0.013		0.010	ppb v/v	TO15 LL
1,1,1-Trichloroethane		0.070		0.055	ug/m3	TO15 LL
Trichloroethene		0.094		0.010	ppb v/v	TO15 LL
Trichloroethene		0.50		0.054	ug/m3	TO15 LL
Toluene		0.88	D	0.020	ppb v/v	TO15 LL
Toluene		3.3	D	0.075	ug/m3	TO15 LL
Tetrachloroethene		0.022		0.010	ppb v/v	TO15 LL
Tetrachloroethene		0.15		0.068	ug/m3	TO15 LL
Ethylbenzene		0.29		0.010	ppb v/v	TO15 LL
Ethylbenzene		1.3		0.043	ug/m3	TO15 LL
o-Xylene		0.29		0.010	ppb v/v	TO15 LL
o-Xylene		1.2		0.043	ug/m3	TO15 LL
1,2-Dichloroethene, Total		0.028		0.010	ppb v/v	TO15 LL
1,2-Dichloroethene, Total		0.11		0.040	ug/m3	TO15 LL
m-Xylene & p-Xylene		0.94		0.020	ppb v/v	TO15 LL
m-Xylene & p-Xylene		4.1		0.087	ug/m3	TO15 LL
Xylenes, Total		1.2		0.010	ppb v/v	TO15 LL
Xylenes, Total		5.3		0.043	ug/m3	TO15 LL

METHOD SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	TAL BUR	EPA TO15 LL	
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: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Method	Analyst	Analyst ID
EPA TO15 LL	Desjardins, William R	WRD

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-38-IA-032514**

Lab Sample ID: 200-21576-1
Client Matrix: Air

Date Sampled: 03/26/2014 0840
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_006.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1302			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1302			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.13		0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.058		0.010	0.010
Toluene	0.63		0.010	0.010
Tetrachloroethene	0.029		0.010	0.010
Ethylbenzene	0.13		0.010	0.010
o-Xylene	0.19		0.010	0.010
1,2-Dichloroethene, Total	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.56		0.020	0.020
Xylenes, Total	0.74		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.45		0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.31		0.054	0.054
Toluene	2.4		0.038	0.038
Tetrachloroethene	0.20		0.068	0.068
Ethylbenzene	0.56		0.043	0.043
o-Xylene	0.80		0.043	0.043
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	2.4		0.087	0.087
Xylenes, Total	3.2		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-39-IA-032514**

Lab Sample ID: 200-21576-2
Client Matrix: Air

Date Sampled: 03/26/2014 1015
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_007.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1357			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1357			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.53		0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.013		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.046		0.010	0.010
Toluene	1.2	E	0.010	0.010
Tetrachloroethene	0.014		0.010	0.010
Ethylbenzene	3.4	E	0.010	0.010
o-Xylene	6.0	E	0.010	0.010
1,2-Dichloroethene, Total	0.013		0.010	0.010
m-Xylene & p-Xylene	16	E	0.020	0.020
Xylenes, Total	22		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	1.8		0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.052		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.25		0.054	0.054
Toluene	4.6	E	0.038	0.038
Tetrachloroethene	0.093		0.068	0.068
Ethylbenzene	15	E	0.043	0.043
o-Xylene	26	E	0.043	0.043
1,2-Dichloroethene, Total	0.052		0.040	0.040
m-Xylene & p-Xylene	70	E	0.087	0.087
Xylenes, Total	96		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-39-IA-032514**

Lab Sample ID: 200-21576-2
Client Matrix: Air

Date Sampled: 03/26/2014 1015
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_022.D
Dilution:	15.2			Initial Weight/Volume:	33 mL
Analysis Date:	04/01/2014 0333	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 0333			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.30	U	0.30	0.30
Chloroethane	0.30	U	0.30	0.30
1,1-Dichloroethene	0.15	U	0.15	0.15
Methylene Chloride	1.5	U	1.5	1.5
trans-1,2-Dichloroethene	0.15	U	0.15	0.15
1,1-Dichloroethane	0.15	U	0.15	0.15
cis-1,2-Dichloroethene	0.15	U	0.15	0.15
1,1,1-Trichloroethane	0.15	U	0.15	0.15
Trichloroethene	0.15	U	0.15	0.15
Toluene	0.83	D	0.15	0.15
Tetrachloroethene	0.15	U	0.15	0.15
Ethylbenzene	2.1	D	0.15	0.15
o-Xylene	3.5	D	0.15	0.15
1,2-Dichloroethene, Total	0.15	U	0.15	0.15
m-Xylene & p-Xylene	10	D	0.30	0.30
Xylenes, Total	14	D	0.15	0.15
1,2-Dichloroethane	0.30	U	0.30	0.30

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.78	U	0.78	0.78
Chloroethane	0.80	U	0.80	0.80
1,1-Dichloroethene	0.60	U	0.60	0.60
Methylene Chloride	5.3	U	5.3	5.3
trans-1,2-Dichloroethene	0.60	U	0.60	0.60
1,1-Dichloroethane	0.62	U	0.62	0.62
cis-1,2-Dichloroethene	0.60	U	0.60	0.60
1,1,1-Trichloroethane	0.83	U	0.83	0.83
Trichloroethene	0.82	U	0.82	0.82
Toluene	3.1	D	0.57	0.57
Tetrachloroethene	1.0	U	1.0	1.0
Ethylbenzene	9.2	D	0.66	0.66
o-Xylene	15	D	0.66	0.66
1,2-Dichloroethene, Total	0.60	U	0.60	0.60
m-Xylene & p-Xylene	44	D	1.3	1.3
Xylenes, Total	60	D	0.66	0.66
1,2-Dichloroethane	1.2	U	1.2	1.2

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-40-IA-032514**

Lab Sample ID: 200-21576-3
Client Matrix: Air

Date Sampled: 03/26/2014 1215
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_008.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1451			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1451			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.026		0.010	0.010
1,1,1-Trichloroethane	0.014		0.010	0.010
Trichloroethene	0.097		0.010	0.010
Toluene	1.6	E	0.010	0.010
Tetrachloroethene	0.018		0.010	0.010
Ethylbenzene	0.44		0.010	0.010
o-Xylene	0.59		0.010	0.010
1,2-Dichloroethene, Total	0.026		0.010	0.010
m-Xylene & p-Xylene	1.8		0.020	0.020
Xylenes, Total	2.4		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.10		0.040	0.040
1,1,1-Trichloroethane	0.074		0.055	0.055
Trichloroethene	0.52		0.054	0.054
Toluene	6.2	E	0.038	0.038
Tetrachloroethene	0.12		0.068	0.068
Ethylbenzene	1.9		0.043	0.043
o-Xylene	2.6		0.043	0.043
1,2-Dichloroethene, Total	0.10		0.040	0.040
m-Xylene & p-Xylene	7.7		0.087	0.087
Xylenes, Total	10		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-40-IA-032514**

Lab Sample ID: 200-21576-3
Client Matrix: Air

Date Sampled: 03/26/2014 1215
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_023.D
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2014 0427	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 0427			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
Chloroethane	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
Methylene Chloride	0.25	U	0.25	0.25
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.027	D	0.025	0.025
1,1,1-Trichloroethane	0.025	U	0.025	0.025
Trichloroethene	0.083	D	0.025	0.025
Toluene	1.4	D	0.025	0.025
Tetrachloroethene	0.025	U	0.025	0.025
Ethylbenzene	0.36	D	0.025	0.025
o-Xylene	0.47	D	0.025	0.025
1,2-Dichloroethene, Total	0.027	D	0.025	0.025
m-Xylene & p-Xylene	1.4	D	0.050	0.050
Xylenes, Total	1.9	D	0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
Chloroethane	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
Methylene Chloride	0.87	U	0.87	0.87
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.11	D	0.099	0.099
1,1,1-Trichloroethane	0.14	U	0.14	0.14
Trichloroethene	0.45	D	0.13	0.13
Toluene	5.1	D	0.094	0.094
Tetrachloroethene	0.17	U	0.17	0.17
Ethylbenzene	1.5	D	0.11	0.11
o-Xylene	2.0	D	0.11	0.11
1,2-Dichloroethene, Total	0.11	D	0.099	0.099
m-Xylene & p-Xylene	6.1	D	0.22	0.22
Xylenes, Total	8.1	D	0.11	0.11
1,2-Dichloroethane	0.20	U	0.20	0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-41-IA-032514**

Lab Sample ID: 200-21576-4
Client Matrix: Air

Date Sampled: 03/26/2014 1040
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_009.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1546			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1546			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.088		0.010	0.010
1,1,1-Trichloroethane	0.033		0.010	0.010
Trichloroethene	0.14		0.010	0.010
Toluene	1.4	E	0.010	0.010
Tetrachloroethene	0.020		0.010	0.010
Ethylbenzene	0.42		0.010	0.010
o-Xylene	0.55		0.010	0.010
1,2-Dichloroethene, Total	0.088		0.010	0.010
m-Xylene & p-Xylene	1.6		0.020	0.020
Xylenes, Total	2.2		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.35		0.040	0.040
1,1,1-Trichloroethane	0.18		0.055	0.055
Trichloroethene	0.73		0.054	0.054
Toluene	5.3	E	0.038	0.038
Tetrachloroethene	0.14		0.068	0.068
Ethylbenzene	1.8		0.043	0.043
o-Xylene	2.4		0.043	0.043
1,2-Dichloroethene, Total	0.35		0.040	0.040
m-Xylene & p-Xylene	7.1		0.087	0.087
Xylenes, Total	9.5		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-41-IA-032514**

Lab Sample ID: 200-21576-4
Client Matrix: Air

Date Sampled: 03/26/2014 1040
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_024.D
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2014 0521	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 0521			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
Chloroethane	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
Methylene Chloride	0.25	U	0.25	0.25
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.081	D	0.025	0.025
1,1,1-Trichloroethane	0.031	D	0.025	0.025
Trichloroethene	0.12	D	0.025	0.025
Toluene	1.2	D	0.025	0.025
Tetrachloroethene	0.025	U	0.025	0.025
Ethylbenzene	0.34	D	0.025	0.025
o-Xylene	0.44	D	0.025	0.025
1,2-Dichloroethene, Total	0.081	D	0.025	0.025
m-Xylene & p-Xylene	1.3	D	0.050	0.050
Xylenes, Total	1.7	D	0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
Chloroethane	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
Methylene Chloride	0.87	U	0.87	0.87
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.32	D	0.099	0.099
1,1,1-Trichloroethane	0.17	D	0.14	0.14
Trichloroethene	0.66	D	0.13	0.13
Toluene	4.5	D	0.094	0.094
Tetrachloroethene	0.17	U	0.17	0.17
Ethylbenzene	1.5	D	0.11	0.11
o-Xylene	1.9	D	0.11	0.11
1,2-Dichloroethene, Total	0.32	D	0.099	0.099
m-Xylene & p-Xylene	5.6	D	0.22	0.22
Xylenes, Total	7.5	D	0.11	0.11
1,2-Dichloroethane	0.20	U	0.20	0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-42-IA-032514**

Lab Sample ID: 200-21576-5
Client Matrix: Air

Date Sampled: 03/26/2014 1058
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_010.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1641			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1641			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.11		0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.029		0.010	0.010
1,1,1-Trichloroethane	0.013		0.010	0.010
Trichloroethene	0.10		0.010	0.010
Toluene	1.2	E	0.010	0.010
Tetrachloroethene	0.019		0.010	0.010
Ethylbenzene	0.36		0.010	0.010
o-Xylene	0.50		0.010	0.010
1,2-Dichloroethene, Total	0.029		0.010	0.010
m-Xylene & p-Xylene	1.5		0.020	0.020
Xylenes, Total	2.0		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.37		0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.11		0.040	0.040
1,1,1-Trichloroethane	0.073		0.055	0.055
Trichloroethene	0.56		0.054	0.054
Toluene	4.4	E	0.038	0.038
Tetrachloroethene	0.13		0.068	0.068
Ethylbenzene	1.6		0.043	0.043
o-Xylene	2.2		0.043	0.043
1,2-Dichloroethene, Total	0.11		0.040	0.040
m-Xylene & p-Xylene	6.3		0.087	0.087
Xylenes, Total	8.5		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-42-IA-032514**

Lab Sample ID: 200-21576-5
Client Matrix: Air

Date Sampled: 03/26/2014 1058
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_025.D
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2014 0615	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 0615			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
Chloroethane	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
Methylene Chloride	0.25	U	0.25	0.25
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.027	D	0.025	0.025
1,1,1-Trichloroethane	0.025	U	0.025	0.025
Trichloroethene	0.089	D	0.025	0.025
Toluene	0.89	D	0.025	0.025
Tetrachloroethene	0.025	U	0.025	0.025
Ethylbenzene	0.26	D	0.025	0.025
o-Xylene	0.34	D	0.025	0.025
1,2-Dichloroethene, Total	0.027	D	0.025	0.025
m-Xylene & p-Xylene	1.0	D	0.050	0.050
Xylenes, Total	1.4	D	0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
Chloroethane	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
Methylene Chloride	0.87	U	0.87	0.87
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.11	D	0.099	0.099
1,1,1-Trichloroethane	0.14	U	0.14	0.14
Trichloroethene	0.48	D	0.13	0.13
Toluene	3.4	D	0.094	0.094
Tetrachloroethene	0.17	U	0.17	0.17
Ethylbenzene	1.1	D	0.11	0.11
o-Xylene	1.5	D	0.11	0.11
1,2-Dichloroethene, Total	0.11	D	0.099	0.099
m-Xylene & p-Xylene	4.4	D	0.22	0.22
Xylenes, Total	5.9	D	0.11	0.11
1,2-Dichloroethane	0.20	U	0.20	0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-43-IA-032514**

Lab Sample ID: 200-21576-6
Client Matrix: Air

Date Sampled: 03/26/2014 1054
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_011.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1736			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1736			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.025		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.20		0.010	0.010
Toluene	1.6	E	0.010	0.010
Tetrachloroethene	0.030		0.010	0.010
Ethylbenzene	0.044		0.010	0.010
o-Xylene	0.085		0.010	0.010
1,2-Dichloroethene, Total	0.025		0.010	0.010
m-Xylene & p-Xylene	0.16		0.020	0.020
Xylenes, Total	0.25		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.10		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	1.1		0.054	0.054
Toluene	6.0	E	0.038	0.038
Tetrachloroethene	0.20		0.068	0.068
Ethylbenzene	0.19		0.043	0.043
o-Xylene	0.37		0.043	0.043
1,2-Dichloroethene, Total	0.10		0.040	0.040
m-Xylene & p-Xylene	0.71		0.087	0.087
Xylenes, Total	1.1		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-43-IA-032514**

Lab Sample ID: 200-21576-6
Client Matrix: Air

Date Sampled: 03/26/2014 1054
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_026.D
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2014 0709	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 0709			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
Chloroethane	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
Methylene Chloride	0.25	U	0.25	0.25
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1,1-Trichloroethane	0.025	U	0.025	0.025
Trichloroethene	0.19	D	0.025	0.025
Toluene	1.3	D	0.025	0.025
Tetrachloroethene	0.027	D	0.025	0.025
Ethylbenzene	0.039	D	0.025	0.025
o-Xylene	0.068	D	0.025	0.025
1,2-Dichloroethene, Total	0.025	U	0.025	0.025
m-Xylene & p-Xylene	0.13	D	0.050	0.050
Xylenes, Total	0.19	D	0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
Chloroethane	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
Methylene Chloride	0.87	U	0.87	0.87
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1,1-Trichloroethane	0.14	U	0.14	0.14
Trichloroethene	1.0	D	0.13	0.13
Toluene	4.9	D	0.094	0.094
Tetrachloroethene	0.18	D	0.17	0.17
Ethylbenzene	0.17	D	0.11	0.11
o-Xylene	0.30	D	0.11	0.11
1,2-Dichloroethene, Total	0.099	U	0.099	0.099
m-Xylene & p-Xylene	0.55	D	0.22	0.22
Xylenes, Total	0.84	D	0.11	0.11
1,2-Dichloroethane	0.20	U	0.20	0.20

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-44-IA-032514**

Lab Sample ID: 200-21576-7
Client Matrix: Air

Date Sampled: 03/26/2014 1128
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_012.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1831			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1831			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.024		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.15		0.010	0.010
Toluene	0.19		0.010	0.010
Tetrachloroethene	0.035		0.010	0.010
Ethylbenzene	0.019		0.010	0.010
o-Xylene	0.028		0.010	0.010
1,2-Dichloroethene, Total	0.024		0.010	0.010
m-Xylene & p-Xylene	0.066		0.020	0.020
Xylenes, Total	0.094		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.095		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.82		0.054	0.054
Toluene	0.73		0.038	0.038
Tetrachloroethene	0.24		0.068	0.068
Ethylbenzene	0.084		0.043	0.043
o-Xylene	0.12		0.043	0.043
1,2-Dichloroethene, Total	0.095		0.040	0.040
m-Xylene & p-Xylene	0.29		0.087	0.087
Xylenes, Total	0.41		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-45-IA-032514**

Lab Sample ID: 200-21576-8
Client Matrix: Air

Date Sampled: 03/26/2014 1206
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_013.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1925			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1925			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.12		0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.021		0.010	0.010
Toluene	3.3	E	0.010	0.010
Tetrachloroethene	0.014		0.010	0.010
Ethylbenzene	0.27		0.010	0.010
o-Xylene	0.30		0.010	0.010
1,2-Dichloroethene, Total	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.90		0.020	0.020
Xylenes, Total	1.2		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.42		0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.11		0.054	0.054
Toluene	12	E	0.038	0.038
Tetrachloroethene	0.093		0.068	0.068
Ethylbenzene	1.2		0.043	0.043
o-Xylene	1.3		0.043	0.043
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	3.9		0.087	0.087
Xylenes, Total	5.2		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-45-IA-032514**

Lab Sample ID: 200-21576-8
Client Matrix: Air

Date Sampled: 03/26/2014 1206
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70169	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6815_008.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	04/01/2014 1559	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 1559			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
Chloroethane	0.10	U	0.10	0.10
1,1-Dichloroethene	0.050	U	0.050	0.050
Methylene Chloride	0.50	U	0.50	0.50
trans-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1-Dichloroethane	0.050	U	0.050	0.050
cis-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1,1-Trichloroethane	0.050	U	0.050	0.050
Trichloroethene	0.050	U	0.050	0.050
Toluene	2.5	D	0.050	0.050
Tetrachloroethene	0.050	U	0.050	0.050
Ethylbenzene	0.20	D	0.050	0.050
o-Xylene	0.21	D	0.050	0.050
1,2-Dichloroethene, Total	0.050	U	0.050	0.050
m-Xylene & p-Xylene	0.63	D	0.10	0.10
Xylenes, Total	0.85	D	0.050	0.050
1,2-Dichloroethane	0.10	U	0.10	0.10

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.26	U	0.26	0.26
Chloroethane	0.26	U	0.26	0.26
1,1-Dichloroethene	0.20	U	0.20	0.20
Methylene Chloride	1.7	U	1.7	1.7
trans-1,2-Dichloroethene	0.20	U	0.20	0.20
1,1-Dichloroethane	0.20	U	0.20	0.20
cis-1,2-Dichloroethene	0.20	U	0.20	0.20
1,1,1-Trichloroethane	0.27	U	0.27	0.27
Trichloroethene	0.27	U	0.27	0.27
Toluene	9.3	D	0.19	0.19
Tetrachloroethene	0.34	U	0.34	0.34
Ethylbenzene	0.88	D	0.22	0.22
o-Xylene	0.93	D	0.22	0.22
1,2-Dichloroethene, Total	0.20	U	0.20	0.20
m-Xylene & p-Xylene	2.7	D	0.43	0.43
Xylenes, Total	3.7	D	0.22	0.22
1,2-Dichloroethane	0.40	U	0.40	0.40

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-AA-032514**

Lab Sample ID: 200-21576-9
Client Matrix: Air

Date Sampled: 03/26/2014 1130
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_014.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 2020			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 2020			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.12		0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,2-Dichloroethene, Total	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.023		0.020	0.020
Xylenes, Total	0.032		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.44		0.038	0.038
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.10		0.087	0.087
Xylenes, Total	0.14		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-DUP-IA-032514**

Lab Sample ID: 200-21576-10
Client Matrix: Air

Date Sampled: 03/26/2014 1058
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6778_015.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 2114			Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 2114			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.19		0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.028		0.010	0.010
1,1,1-Trichloroethane	0.013		0.010	0.010
Trichloroethene	0.094		0.010	0.010
Toluene	1.1	E	0.010	0.010
Tetrachloroethene	0.022		0.010	0.010
Ethylbenzene	0.29		0.010	0.010
o-Xylene	0.29		0.010	0.010
1,2-Dichloroethene, Total	0.028		0.010	0.010
m-Xylene & p-Xylene	0.94		0.020	0.020
Xylenes, Total	1.2		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.67		0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.11		0.040	0.040
1,1,1-Trichloroethane	0.070		0.055	0.055
Trichloroethene	0.50		0.054	0.054
Toluene	4.0	E	0.038	0.038
Tetrachloroethene	0.15		0.068	0.068
Ethylbenzene	1.3		0.043	0.043
o-Xylene	1.2		0.043	0.043
1,2-Dichloroethene, Total	0.11		0.040	0.040
m-Xylene & p-Xylene	4.1		0.087	0.087
Xylenes, Total	5.3		0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Client Sample ID: **RT-DUP-IA-032514**

Lab Sample ID: 200-21576-10
Client Matrix: Air

Date Sampled: 03/26/2014 1058
Date Received: 03/27/2014 1030

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-70169	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	6815_009.D
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/01/2014 1654	Run Type:	DL	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 1654			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
Chloroethane	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
Methylene Chloride	0.37	D	0.20	0.20
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.027	D	0.020	0.020
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.093	D	0.020	0.020
Toluene	0.88	D	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.25	D	0.020	0.020
o-Xylene	0.23	D	0.020	0.020
1,2-Dichloroethene, Total	0.027	D	0.020	0.020
m-Xylene & p-Xylene	0.78	D	0.040	0.040
Xylenes, Total	1.0	D	0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
Chloroethane	0.11	U	0.11	0.11
1,1-Dichloroethene	0.079	U	0.079	0.079
Methylene Chloride	1.3	D	0.69	0.69
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.11	D	0.079	0.079
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Trichloroethene	0.50	D	0.11	0.11
Toluene	3.3	D	0.075	0.075
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	1.1	D	0.087	0.087
o-Xylene	1.0	D	0.087	0.087
1,2-Dichloroethene, Total	0.11	D	0.079	0.079
m-Xylene & p-Xylene	3.4	D	0.17	0.17
Xylenes, Total	4.4	D	0.087	0.087
1,2-Dichloroethane	0.16	U	0.16	0.16

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Method Blank - Batch: 200-70082

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	MB 200-70082/5	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	6778_005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1207	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1207			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,2-Dichloroethene, Total	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.020	U	0.020	0.020
Xylenes, Total	0.010	U	0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Method Blank - Batch: 200-70082

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	MB 200-70082/5	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	6778_005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1207	Units:	ug/m3	Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1207			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.038	U	0.038	0.038
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.087	U	0.087	0.087
Xylenes, Total	0.043	U	0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Control Sample - Batch: 200-70082

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	LCS 200-70082/4	Analysis Batch:	200-70082	Instrument ID:	CHE.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	6778_004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	03/31/2014 1112	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	03/31/2014 1112			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	0.200	0.168	84	70 - 130	
Chloroethane	0.200	0.174	87	70 - 130	
1,1-Dichloroethene	0.200	0.176	88	70 - 130	
Methylene Chloride	0.200	0.201	100	70 - 130	
trans-1,2-Dichloroethene	0.200	0.197	98	70 - 130	
1,1-Dichloroethane	0.200	0.192	96	70 - 130	
cis-1,2-Dichloroethene	0.200	0.183	91	70 - 130	
1,1,1-Trichloroethane	0.200	0.190	95	70 - 130	
Trichloroethene	0.200	0.186	93	70 - 130	
Toluene	0.200	0.203	101	70 - 130	
Tetrachloroethene	0.200	0.198	99	70 - 130	
Ethylbenzene	0.200	0.204	102	70 - 130	
o-Xylene	0.200	0.214	107	70 - 130	
m-Xylene & p-Xylene	0.401	0.425	106	70 - 130	
1,2-Dichloroethane	0.200	0.188	94	70 - 130	

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Method Blank - Batch: 200-70169

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	MB 200-70169/4	Analysis Batch:	200-70169	Instrument ID:	CHE.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	6815_004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	04/01/2014 1221	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 1221			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
Chloroethane	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
Methylene Chloride	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,2-Dichloroethene, Total	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.020	U	0.020	0.020
Xylenes, Total	0.010	U	0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Method Blank - Batch: 200-70169

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	MB 200-70169/4	Analysis Batch:	200-70169	Instrument ID:	CHE.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	6815_004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	04/01/2014 1221	Units:	ug/m3	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 1221			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
Chloroethane	0.053	U	0.053	0.053
1,1-Dichloroethene	0.040	U	0.040	0.040
Methylene Chloride	0.35	U	0.35	0.35
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.038	U	0.038	0.038
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,2-Dichloroethene, Total	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.087	U	0.087	0.087
Xylenes, Total	0.043	U	0.043	0.043
1,2-Dichloroethane	0.081	U	0.081	0.081

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Control Sample - Batch: 200-70169

Method: TO15 LL
Preparation: Summa Canister

Lab Sample ID:	LCS 200-70169/3	Analysis Batch:	200-70169	Instrument ID:	CHE.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	6815_003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	04/01/2014 1125	Units:	ppb v/v	Final Weight/Volume:	500 mL
Prep Date:	04/01/2014 1125			Injection Volume:	500 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	0.200	0.188	94	70 - 130	
Chloroethane	0.200	0.181	90	70 - 130	
1,1-Dichloroethene	0.200	0.187	93	70 - 130	
Methylene Chloride	0.200	0.206	103	70 - 130	
trans-1,2-Dichloroethene	0.200	0.210	105	70 - 130	
1,1-Dichloroethane	0.200	0.205	102	70 - 130	
cis-1,2-Dichloroethene	0.200	0.188	94	70 - 130	
1,1,1-Trichloroethane	0.200	0.194	97	70 - 130	
Trichloroethene	0.200	0.198	99	70 - 130	
Toluene	0.200	0.205	102	70 - 130	
Tetrachloroethene	0.200	0.201	100	70 - 130	
Ethylbenzene	0.200	0.208	104	70 - 130	
o-Xylene	0.200	0.212	106	70 - 130	
m-Xylene & p-Xylene	0.401	0.428	107	70 - 130	
1,2-Dichloroethane	0.200	0.200	100	70 - 130	

DATA REPORTING QUALIFIERS

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
Sdg Number: 200-21576

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-70082					
LCS 200-70082/4	Lab Control Sample	T	Air	TO15 LL	
MB 200-70082/5	Method Blank	T	Air	TO15 LL	
200-21576-1	RT-38-IA-032514	T	Air	TO15 LL	
200-21576-2	RT-39-IA-032514	T	Air	TO15 LL	
200-21576-2DL	RT-39-IA-032514	T	Air	TO15 LL	
200-21576-3	RT-40-IA-032514	T	Air	TO15 LL	
200-21576-3DL	RT-40-IA-032514	T	Air	TO15 LL	
200-21576-4	RT-41-IA-032514	T	Air	TO15 LL	
200-21576-4DL	RT-41-IA-032514	T	Air	TO15 LL	
200-21576-5	RT-42-IA-032514	T	Air	TO15 LL	
200-21576-5DL	RT-42-IA-032514	T	Air	TO15 LL	
200-21576-6	RT-43-IA-032514	T	Air	TO15 LL	
200-21576-6DL	RT-43-IA-032514	T	Air	TO15 LL	
200-21576-7	RT-44-IA-032514	T	Air	TO15 LL	
200-21576-8	RT-45-IA-032514	T	Air	TO15 LL	
200-21576-9	RT-AA-032514	T	Air	TO15 LL	
200-21576-10	RT-DUP-IA-032514	T	Air	TO15 LL	
Analysis Batch:200-70169					
LCS 200-70169/3	Lab Control Sample	T	Air	TO15 LL	
MB 200-70169/4	Method Blank	T	Air	TO15 LL	
200-21576-8DL	RT-45-IA-032514	T	Air	TO15 LL	
200-21576-10DL	RT-DUP-IA-032514	T	Air	TO15 LL	

Report Basis
T = Total

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
SDG: 200-21576

Laboratory Chronicle

Lab ID: 200-21576-1 **Client ID:** RT-38-IA-032514

Sample Date/Time: 03/26/2014 08:40 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-1		200-70082		03/31/2014 13:02	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-1		200-70082		03/31/2014 13:02	1	TAL BUR	WRD

Lab ID: 200-21576-2 **Client ID:** RT-39-IA-032514

Sample Date/Time: 03/26/2014 10:15 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-2		200-70082		03/31/2014 13:57	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-2		200-70082		03/31/2014 13:57	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-2	DL	200-70082		04/01/2014 03:33	15.2	TAL BUR	WRD
A:TO15 LL	200-21576-A-2	DL	200-70082		04/01/2014 03:33	15.2	TAL BUR	WRD

Lab ID: 200-21576-3 **Client ID:** RT-40-IA-032514

Sample Date/Time: 03/26/2014 12:15 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-3		200-70082		03/31/2014 14:51	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-3		200-70082		03/31/2014 14:51	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-3	DL	200-70082		04/01/2014 04:27	2.5	TAL BUR	WRD
A:TO15 LL	200-21576-A-3	DL	200-70082		04/01/2014 04:27	2.5	TAL BUR	WRD

Lab ID: 200-21576-4 **Client ID:** RT-41-IA-032514

Sample Date/Time: 03/26/2014 10:40 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-4		200-70082		03/31/2014 15:46	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-4		200-70082		03/31/2014 15:46	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-4	DL	200-70082		04/01/2014 05:21	2.5	TAL BUR	WRD
A:TO15 LL	200-21576-A-4	DL	200-70082		04/01/2014 05:21	2.5	TAL BUR	WRD

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
SDG: 200-21576

Laboratory Chronicle

Lab ID: 200-21576-5 **Client ID:** RT-42-IA-032514

Sample Date/Time: 03/26/2014 10:58 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-5		200-70082		03/31/2014 16:41	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-5		200-70082		03/31/2014 16:41	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-5	DL	200-70082		04/01/2014 06:15	2.5	TAL BUR	WRD
A:TO15 LL	200-21576-A-5	DL	200-70082		04/01/2014 06:15	2.5	TAL BUR	WRD

Lab ID: 200-21576-6 **Client ID:** RT-43-IA-032514

Sample Date/Time: 03/26/2014 10:54 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-6		200-70082		03/31/2014 17:36	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-6		200-70082		03/31/2014 17:36	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-6	DL	200-70082		04/01/2014 07:09	2.5	TAL BUR	WRD
A:TO15 LL	200-21576-A-6	DL	200-70082		04/01/2014 07:09	2.5	TAL BUR	WRD

Lab ID: 200-21576-7 **Client ID:** RT-44-IA-032514

Sample Date/Time: 03/26/2014 11:28 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-7		200-70082		03/31/2014 18:31	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-7		200-70082		03/31/2014 18:31	1	TAL BUR	WRD

Lab ID: 200-21576-8 **Client ID:** RT-45-IA-032514

Sample Date/Time: 03/26/2014 12:06 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-8		200-70082		03/31/2014 19:25	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-8		200-70082		03/31/2014 19:25	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-8	DL	200-70169		04/01/2014 15:59	5	TAL BUR	WRD
A:TO15 LL	200-21576-A-8	DL	200-70169		04/01/2014 15:59	5	TAL BUR	WRD

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
SDG: 200-21576

Laboratory Chronicle

Lab ID: 200-21576-9 **Client ID:** RT-AA-032514

Sample Date/Time: 03/26/2014 11:30 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-9		200-70082		03/31/2014 20:20	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-9		200-70082		03/31/2014 20:20	1	TAL BUR	WRD

Lab ID: 200-21576-10 **Client ID:** RT-DUP-IA-032514

Sample Date/Time: 03/26/2014 10:58 Received Date/Time: 03/27/2014 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-21576-A-10		200-70082		03/31/2014 21:14	1	TAL BUR	WRD
A:TO15 LL	200-21576-A-10		200-70082		03/31/2014 21:14	1	TAL BUR	WRD
P:Summa Canister	200-21576-A-10	DL	200-70169		04/01/2014 16:54	2	TAL BUR	WRD
A:TO15 LL	200-21576-A-10	DL	200-70169		04/01/2014 16:54	2	TAL BUR	WRD

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 200-70082/5		200-70082		03/31/2014 12:07	1	TAL BUR	WRD
A:TO15 LL	MB 200-70082/5		200-70082		03/31/2014 12:07	1	TAL BUR	WRD
P:Summa Canister	MB 200-70169/4		200-70169		04/01/2014 12:21	1	TAL BUR	WRD
A:TO15 LL	MB 200-70169/4		200-70169		04/01/2014 12:21	1	TAL BUR	WRD

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 200-70082/4		200-70082		03/31/2014 11:12	1	TAL BUR	WRD
A:TO15 LL	LCS 200-70082/4		200-70082		03/31/2014 11:12	1	TAL BUR	WRD
P:Summa Canister	LCS 200-70169/3		200-70169		04/01/2014 11:25	1	TAL BUR	WRD
A:TO15 LL	LCS 200-70169/3		200-70169		04/01/2014 11:25	1	TAL BUR	WRD

Lab References:
TAL BUR = TestAmerica Burlington

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ATT15LLCAL1w_00048	04/30/14	03/10/14		15.4 L	ATTO15CAL3w_00124	155 mL	1,1,1-Trichloroethane	0.0502498 ppb v/v
							1,1,2,2-Tetrachloroethane	0.0502498 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	0.0502498 ppb v/v
							1,1,2-Trichloroethane	0.0502498 ppb v/v
							1,1-Dichloroethane	0.0502498 ppb v/v
							1,1-Dichloroethene	0.0502498 ppb v/v
							1,2,4-Trimethylbenzene	0.0502498 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.0502498 ppb v/v
							1,2-Dichloroethane	0.0502498 ppb v/v
							1,2-Dichloropropane	0.0502498 ppb v/v
							1,3,5-Trimethylbenzene	0.0502498 ppb v/v
							3-Chloro-1-propene	0.0502498 ppb v/v
							4-Ethyltoluene	0.0502498 ppb v/v
							Benzene	0.0502498 ppb v/v
							Bromoform	0.0502498 ppb v/v
							Bromomethane	0.0502498 ppb v/v
							Butadiene	0.0502498 ppb v/v
							Carbon tetrachloride	0.0502498 ppb v/v
							Chlorobenzene	0.0502498 ppb v/v
							Chlorodibromomethane	0.0502498 ppb v/v
							Chloroethane	0.0502498 ppb v/v
							Chloroform	0.0502498 ppb v/v
							Chloromethane	0.0502498 ppb v/v
							cis-1,2-Dichloroethene	0.0502498 ppb v/v
							cis-1,3-Dichloropropene	0.0502498 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	0.0502498 ppb v/v
							Dichlorobromomethane	0.0502498 ppb v/v
							Dichlorodifluoromethane	0.0502498 ppb v/v
							Ethylbenzene	0.0502498 ppb v/v
							Ethylene Dibromide	0.0502498 ppb v/v
							Hexane	0.0502498 ppb v/v
							Isooctane	0.0502498 ppb v/v
							m-Xylene & p-Xylene	0.1005 ppb v/v
							Methyl tert-butyl ether	0.0502498 ppb v/v
							Methylene Chloride	0.0502498 ppb v/v
							n-Heptane	0.0502498 ppb v/v
							o-Xylene	0.0502498 ppb v/v
							Tetrachloroethene	0.0502498 ppb v/v
							Toluene	0.0502498 ppb v/v
							trans-1,2-Dichloroethene	0.0502498 ppb v/v
							trans-1,3-Dichloropropene	0.0502498 ppb v/v
							Trichloroethene	0.0502498 ppb v/v
							Trichlorofluoromethane	0.0502498 ppb v/v
							Vinyl bromide	0.0502498 ppb v/v
							Vinyl chloride	0.0502498 ppb v/v
.ATTO15CAL3w_00124	04/30/14	03/10/14	DI WATER, Lot 3503	15.463 L	ATTO15CALSTKi_00054	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							3-Chloro-1-propene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Butadiene	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodibromomethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dichlorobromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Ethylene Dibromide	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	4.99256 ppb v/v
							Isooctane	4.99256 ppb v/v
							m-Xylene & p-Xylene	9.98513 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Vinyl bromide	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
..ATTO15CALSTKi_00054	04/30/14	01/30/14	DI WATER, Lot 7952	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							Benzene	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							m-Xylene & p-Xylene	400 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Heptane	200 ppb v/v
							o-Xylene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
...ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorodibromomethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATT15LLLCSw_00107	04/30/14	03/10/14	Zero Air, Lot 2964	15.4 L	ATTO15LCSW_00365	1546 mL	1,1,1-Trichloroethane	0.501201 ppb v/v
							1,1-Dichloroethane	0.501201 ppb v/v
							1,1-Dichloroethene	0.501201 ppb v/v
							1,2-Dichloroethane	0.501201 ppb v/v
							1,2-Dichloroethene, Total	1.0024 ppb v/v
							Chloroethane	0.501201 ppb v/v
							cis-1,2-Dichloroethene	0.501201 ppb v/v
							Ethylbenzene	0.501201 ppb v/v
							m-Xylene & p-Xylene	1.0024 ppb v/v
							Methylene Chloride	0.501201 ppb v/v
							o-Xylene	0.501201 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	0.501201 ppb v/v
							Toluene	0.501201 ppb v/v
							trans-1,2-Dichloroethene	0.501201 ppb v/v
							Trichloroethene	0.501201 ppb v/v
							Vinyl chloride	0.501201 ppb v/v
							Xylenes, Total	1.5036 ppb v/v
.ATTO15LCSW_00365	04/30/14	02/03/14	DI WATER, Lot 3643	15.463 L	ATTO15LCSSTKi_00049	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloroethene, Total	9.98513 ppb v/v
							Chloroethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							m-Xylene & p-Xylene	9.98513 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylenes, Total	14.9777 ppb v/v
..ATTO15LCSSTKi_00049	04/30/14	01/30/14	DI WATER, Lot 4985	37.5 L	ATTO15LCSs_00017	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethene, Total	400 ppb v/v
							Chloroethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							m-Xylene & p-Xylene	400 ppb v/v
							Methylene Chloride	200 ppb v/v
							o-Xylene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylenes, Total	600 ppb v/v
...ATTO15LCSs_00017	01/10/15		Spectra Gases, Lot CC-250179		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							Chloroethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methylene Chloride	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylenes, Total	3 ppm v/v
ATTO15CAL2w_00122	04/30/14	03/10/14	DI WATER, Lot 3631	15.463 L	ATTO15CAL3w_00124	1546 mL	1,1,1-Trichloroethane	0.499159 ppb v/v
							1,1,2,2-Tetrachloroethane	0.499159 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	0.499159 ppb v/v
							1,1,2-Trichloroethane	0.499159 ppb v/v
							1,1-Dichloroethane	0.499159 ppb v/v
							1,1-Dichloroethene	0.499159 ppb v/v
							1,2,4-Trimethylbenzene	0.499159 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.499159 ppb v/v
							1,2-Dichloroethane	0.499159 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethene, Total	0.998319 ppb v/v
							1,2-Dichloropropane	0.499159 ppb v/v
							1,3,5-Trimethylbenzene	0.499159 ppb v/v
							3-Chloro-1-propene	0.499159 ppb v/v
							4-Ethyltoluene	0.499159 ppb v/v
							Benzene	0.499159 ppb v/v
							Bromoform	0.499159 ppb v/v
							Bromomethane	0.499159 ppb v/v
							Butadiene	0.499159 ppb v/v
							Carbon tetrachloride	0.499159 ppb v/v
							Chlorobenzene	0.499159 ppb v/v
							Chlorodibromomethane	0.499159 ppb v/v
							Chloroethane	0.499159 ppb v/v
							Chloroform	0.499159 ppb v/v
							Chloromethane	0.499159 ppb v/v
							cis-1,2-Dichloroethene	0.499159 ppb v/v
							cis-1,3-Dichloropropene	0.499159 ppb v/v
							Cyclohexane	0.499159 ppb v/v
							Dichlorobromomethane	0.499159 ppb v/v
							Dichlorodifluoromethane	0.499159 ppb v/v
							Ethylbenzene	0.499159 ppb v/v
							Ethylene Dibromide	0.499159 ppb v/v
							Hexane	0.499159 ppb v/v
							Isooctane	0.499159 ppb v/v
							m-Xylene & p-Xylene	0.998319 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	0.499159 ppb v/v
							Methylene Chloride	0.499159 ppb v/v
							n-Heptane	0.499159 ppb v/v
							o-Xylene	0.499159 ppb v/v
							Tetrachloroethene	0.499159 ppb v/v
							Toluene	0.499159 ppb v/v
							trans-1,2-Dichloroethene	0.499159 ppb v/v
							trans-1,3-Dichloropropene	0.499159 ppb v/v
							Trichloroethene	0.499159 ppb v/v
							Trichlorofluoromethane	0.499159 ppb v/v
							Vinyl bromide	0.499159 ppb v/v
							Vinyl chloride	0.499159 ppb v/v
							Xylenes, Total	1.49748 ppb v/v
.ATTO15CAL3w_00124	04/30/14	03/10/14	DI WATER, Lot 3503	15.463 L	ATTO15CALSTKi_00054	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloroethene, Total	9.98513 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Butadiene	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodibromomethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dichlorobromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Ethylene Dibromide	4.99256 ppb v/v
							Hexane	4.99256 ppb v/v
							Isooctane	4.99256 ppb v/v
							m-Xylene & p-Xylene	9.98513 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Vinyl bromide	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
							Xylenes, Total	14.9777 ppb v/v
..ATTO15CALSTKi_00054	04/30/14	01/30/14	DI WATER, Lot 7952	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloroethene, Total	400 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							Benzene	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							m-Xylene & p-Xylene	400 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v
							n-Heptane	200 ppb v/v
							o-Xylene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
							Xylenes, Total	600 ppb v/v
...ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloroethene, Total	2 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
							Xylenes, Total	3 ppm v/v
ATTO15CAL3w_00124	04/30/14	03/10/14	DI WATER, Lot 3503	15.463 L	ATTO15CALSTKi_00054	386 mL	1,1,1-Trichloroethane	4.99256 ppb v/v
							1,1,2,2-Tetrachloroethane	4.99256 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	4.99256 ppb v/v
							1,1,2-Trichloroethane	4.99256 ppb v/v
							1,1-Dichloroethane	4.99256 ppb v/v
							1,1-Dichloroethene	4.99256 ppb v/v
							1,2,4-Trimethylbenzene	4.99256 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.99256 ppb v/v
							1,2-Dichloroethane	4.99256 ppb v/v
							1,2-Dichloropropane	4.99256 ppb v/v
							1,3,5-Trimethylbenzene	4.99256 ppb v/v
							3-Chloro-1-propene	4.99256 ppb v/v
							4-Ethyltoluene	4.99256 ppb v/v
							Benzene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	4.99256 ppb v/v
							Bromomethane	4.99256 ppb v/v
							Butadiene	4.99256 ppb v/v
							Carbon tetrachloride	4.99256 ppb v/v
							Chlorobenzene	4.99256 ppb v/v
							Chlorodibromomethane	4.99256 ppb v/v
							Chloroethane	4.99256 ppb v/v
							Chloroform	4.99256 ppb v/v
							Chloromethane	4.99256 ppb v/v
							cis-1,2-Dichloroethene	4.99256 ppb v/v
							cis-1,3-Dichloropropene	4.99256 ppb v/v
							Cyclohexane	4.99256 ppb v/v
							Dichlorobromomethane	4.99256 ppb v/v
							Dichlorodifluoromethane	4.99256 ppb v/v
							Ethylbenzene	4.99256 ppb v/v
							Ethylene Dibromide	4.99256 ppb v/v
							Hexane	4.99256 ppb v/v
							Isooctane	4.99256 ppb v/v
							m-Xylene & p-Xylene	9.98513 ppb v/v
							Methyl tert-butyl ether	4.99256 ppb v/v
							Methylene Chloride	4.99256 ppb v/v
							n-Heptane	4.99256 ppb v/v
							o-Xylene	4.99256 ppb v/v
							Tetrachloroethene	4.99256 ppb v/v
							Toluene	4.99256 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,2-Dichloroethene	4.99256 ppb v/v
							trans-1,3-Dichloropropene	4.99256 ppb v/v
							Trichloroethene	4.99256 ppb v/v
							Trichlorofluoromethane	4.99256 ppb v/v
							Vinyl bromide	4.99256 ppb v/v
							Vinyl chloride	4.99256 ppb v/v
.ATTO15CALSTKi_00054	04/30/14	01/30/14	DI WATER, Lot 7952	37.5 L	ATTO15CALs_00021	7500 mL	1,1,1-Trichloroethane	200 ppb v/v
							1,1,2,2-Tetrachloroethane	200 ppb v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	200 ppb v/v
							1,1,2-Trichloroethane	200 ppb v/v
							1,1-Dichloroethane	200 ppb v/v
							1,1-Dichloroethene	200 ppb v/v
							1,2,4-Trimethylbenzene	200 ppb v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	200 ppb v/v
							1,2-Dichloroethane	200 ppb v/v
							1,2-Dichloropropane	200 ppb v/v
							1,3,5-Trimethylbenzene	200 ppb v/v
							3-Chloro-1-propene	200 ppb v/v
							4-Ethyltoluene	200 ppb v/v
							Benzene	200 ppb v/v
							Bromoform	200 ppb v/v
							Bromomethane	200 ppb v/v
							Butadiene	200 ppb v/v
							Carbon tetrachloride	200 ppb v/v
							Chlorobenzene	200 ppb v/v
							Chlorodibromomethane	200 ppb v/v
							Chloroethane	200 ppb v/v
							Chloroform	200 ppb v/v
							Chloromethane	200 ppb v/v
							cis-1,2-Dichloroethene	200 ppb v/v
							cis-1,3-Dichloropropene	200 ppb v/v
							Cyclohexane	200 ppb v/v
							Dichlorobromomethane	200 ppb v/v
							Dichlorodifluoromethane	200 ppb v/v
							Ethylbenzene	200 ppb v/v
							Ethylene Dibromide	200 ppb v/v
							Hexane	200 ppb v/v
							Isooctane	200 ppb v/v
							m-Xylene & p-Xylene	400 ppb v/v
							Methyl tert-butyl ether	200 ppb v/v
							Methylene Chloride	200 ppb v/v

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	200 ppb v/v
							o-Xylene	200 ppb v/v
							Tetrachloroethene	200 ppb v/v
							Toluene	200 ppb v/v
							trans-1,2-Dichloroethene	200 ppb v/v
							trans-1,3-Dichloropropene	200 ppb v/v
							Trichloroethene	200 ppb v/v
							Trichlorofluoromethane	200 ppb v/v
							Vinyl bromide	200 ppb v/v
							Vinyl chloride	200 ppb v/v
..ATTO15CALs_00021	01/10/15		Spectra Gases, Lot cc-90855		(Purchased Reagent)		1,1,1-Trichloroethane	1 ppm v/v
							1,1,2,2-Tetrachloroethane	1 ppm v/v
							1,1,2-Trichloro-1,2,2-trifluoroethane	1 ppm v/v
							1,1,2-Trichloroethane	1 ppm v/v
							1,1-Dichloroethane	1 ppm v/v
							1,1-Dichloroethene	1 ppm v/v
							1,2,4-Trimethylbenzene	1 ppm v/v
							1,2-Dichloro-1,1,2,2-tetrafluoroethane	1 ppm v/v
							1,2-Dichloroethane	1 ppm v/v
							1,2-Dichloropropane	1 ppm v/v
							1,3,5-Trimethylbenzene	1 ppm v/v
							3-Chloro-1-propene	1 ppm v/v
							4-Ethyltoluene	1 ppm v/v
							Benzene	1 ppm v/v
							Bromoform	1 ppm v/v
							Bromomethane	1 ppm v/v
							Butadiene	1 ppm v/v
							Carbon tetrachloride	1 ppm v/v
							Chlorobenzene	1 ppm v/v
							Chlorodibromomethane	1 ppm v/v
							Chloroethane	1 ppm v/v
							Chloroform	1 ppm v/v
							Chloromethane	1 ppm v/v
							cis-1,2-Dichloroethene	1 ppm v/v
							cis-1,3-Dichloropropene	1 ppm v/v
							Cyclohexane	1 ppm v/v
							Dichlorobromomethane	1 ppm v/v
							Dichlorodifluoromethane	1 ppm v/v
							Ethylbenzene	1 ppm v/v
							Ethylene Dibromide	1 ppm v/v
							Hexane	1 ppm v/v
							Isooctane	1 ppm v/v
							m-Xylene & p-Xylene	2 ppm v/v
							Methyl tert-butyl ether	1 ppm v/v
							Methylene Chloride	1 ppm v/v
							n-Heptane	1 ppm v/v

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	1 ppm v/v
							Tetrachloroethene	1 ppm v/v
							Toluene	1 ppm v/v
							trans-1,2-Dichloroethene	1 ppm v/v
							trans-1,3-Dichloropropene	1 ppm v/v
							Trichloroethene	1 ppm v/v
							Trichlorofluoromethane	1 ppm v/v
							Vinyl bromide	1 ppm v/v
							Vinyl chloride	1 ppm v/v
ATTO15EISs_00006	11/15/15	Spectra, Lot CC-250117			(Purchased Reagent)		1,4-Difluorobenzene	100 ppb v/v
							Chlorobenzene-d5	100 ppb v/v
							Chlorobromomethane	100 ppb v/v

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30 Community Drive Suite 11
South Burlington, VT 05403

Tank from W. Sac.

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
Propylene	115-07-1	1.00 ppm	1.14 ppm
Chlorodifluoromethane	75-45-6	1.00 ppm	1.05 ppm
Freon-12	75-71-8	1.00 ppm	1.02 ppm
Chloromethane	74-87-3	1.00 ppm	1.05 ppm
Freon-114	76-14-2	1.00 ppm	1.05 ppm
Vinyl Chloride	75-01-4	1.00 ppm	1.04 ppm
1,3-Butadiene	106-99-0	1.00 ppm	1.06 ppm
Methanol (No Stability Guarantee)	67-56-1	1.00 ppm	1.05 ppm
n-Butane	106-97-8	1.00 ppm	1.07 ppm
Bromomethane	74-83-9	1.00 ppm	1.03 ppm
Chloroethane	75-00-3	1.00 ppm	1.02 ppm
Vinyl Bromide	593-60-2	1.00 ppm	0.89 ppm
Acetonitrile	75-05-8	1.00 ppm	1.01 ppm
Acrolein (No Stability Guarantee)	107-02-8	1.00 ppm	0.96 ppm
Isopentane	78-78-4	1.00 ppm	1.02 ppm
Acetone	67-64-1	1.00 ppm	1.02 ppm
Freon-11	75-69-4	1.00 ppm	1.04 ppm
Isopropyl Alcohol	67-63-0	1.00 ppm	1.12 ppm
Acrylonitrile	107-13-1	1.00 ppm	1.01 ppm
n-Pentane	109-66-0	1.00 ppm	1.01 ppm
Ethyl Ether	60-29-7	1.00 ppm	1.01 ppm
1,1-Dichloroethene	75-35-4	1.00 ppm	1.02 ppm
Carbon Disulfide (No Stability Guarantee)	75-15-0	1.00 ppm	1.04 ppm
Methylene Chloride	75-09-2	1.00 ppm	1.10 ppm
Tert-Butanol	75-65-0	1.00 ppm	1.10 ppm
3-Chloropropene	107-05-1	1.00 ppm	1.10 ppm
Freon-113	76-13-1	1.00 ppm	1.00 ppm
Trans-1,2-Dichloroethene	156-60-5	1.00 ppm	1.00 ppm
1,1-Dichloroethane	75-34-3	1.00 ppm	1.04 ppm
Methyl Tert Butyl Ether	1634-04-4	1.00 ppm	1.08 ppm

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South Burlington, VT 05403

PAGE: 2 of 4

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
Vinyl Acetate (No Stability Guarantee)	108-05-4	1.00 ppm	1.09 ppm
Methyl Ethyl Ketone	78-93-3	1.00 ppm	1.08 ppm
Cis-1,2-Dichloroethene	156-59-2	1.00 ppm	1.06 ppm
Hexane	110-54-3	1.00 ppm	1.05 ppm
Chloroform	67-66-3	1.00 ppm	1.01 ppm
Ethyl Acetate	141-78-6	1.00 ppm	1.01 ppm
Tetrahydrofuran	109-99-9	1.00 ppm	1.09 ppm
1,2-Dichloroethane	107-06-2	1.00 ppm	1.08 ppm
1,1,1-Trichloroethane	71-55-6	1.00 ppm	1.04 ppm
Benzene	71-43-2	1.00 ppm	1.06 ppm
1-Butanol (No Stability Guarantee)	71-36-3	1.00 ppm	1.10 ppm
Carbon Tetrachloride	56-23-5	1.00 ppm	1.08 ppm
Cyclohexane	110-82-7	1.00 ppm	1.07 ppm
Dibromomethane	74-95-3	1.00 ppm	1.08 ppm
1,2-Dichloropropane	78-87-5	1.00 ppm	1.08 ppm
Trichloroethylene	79-01-6	1.00 ppm	1.08 ppm
Bromodichloromethane	75-27-4	1.00 ppm	1.08 ppm
1,4-Dioxane	123-91-1	1.00 ppm	1.08 ppm
2,2,4-Trimethylpentane	540-84-1	1.00 ppm	1.05 ppm
Methyl Methacrylate	80-62-6	1.00 ppm	1.06 ppm
Heptane	142-82-5	1.00 ppm	1.09 ppm
Cis-1,3-Dichloropropene	10061-01-5	1.00 ppm	1.03 ppm
Methyl Isobutyl Ketone	108-10-1	1.00 ppm	1.08 ppm
Methylcyclohexane	108-87-2	1.00 ppm	1.08 ppm
Trans-1,3-Dichloropropene	10061-02-6	1.00 ppm	1.10 ppm
1,1,2-Trichloroethane	79-00-5	1.00 ppm	1.09 ppm
Toluene	108-88-3	1.00 ppm	1.09 ppm
Methyl Butyl Ketone	591-78-6	1.00 ppm	1.10 ppm
Dibromochloromethane	124-48-1	1.00 ppm	1.10 ppm
1,2-Dibromoethane	106-93-4	1.00 ppm	1.08 ppm

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30 Community Drive Suite 11
South Burlington, VT 05403

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
n-Octane	111-65-9	1.00 ppm	1.07 ppm
Tetrachloroethylene	127-18-4	1.00 ppm	1.03 ppm
Chlorobenzene	108-90-7	1.00 ppm	1.10 ppm
Ethylbenzene	100-41-4	1.00 ppm	1.08 ppm
p-xylene	106-42-3	1.00 ppm	1.07 ppm
m-xylene	108-38-3	1.00 ppm	1.07 ppm
Bromoform	75-25-2	1.00 ppm	1.07 ppm
Styrene	100-42-5	1.00 ppm	1.10 ppm
o-xylene	95-47-6	1.00 ppm	1.10 ppm
1,1,2,2-Tetrachloroethane	79-34-5	1.00 ppm	1.10 ppm
1,2,3-Trichloropropane	96-18-4	1.00 ppm	1.05 ppm
Nonane	111-84-2	1.00 ppm	1.05 ppm
Cumene	98-82-8	1.00 ppm	1.03 ppm
2-Chlorotoluene	95-49-8	1.00 ppm	1.07 ppm
n-Propylbenzene	103-65-1	1.00 ppm	1.03 ppm
4-Ethyltoluene	622-96-8	1.00 ppm	1.07 ppm
1,3,5-Trimethylbenzene	108-67-8	1.00 ppm	1.10 ppm
Alpha-Methyl Styrene (No Stability Guarantee)	98-83-9	1.00 ppm	1.03 ppm
Tert-Butyl Benzene	98-06-6	1.00 ppm	1.08 ppm
1,2,4-Trimethylbenzene	95-63-6	1.00 ppm	1.08 ppm
1,3-Dichlorobenzene	541-73-1	1.00 ppm	1.09 ppm
Benzyl Chloride (No Stability Guarantee)	100-44-7	1.00 ppm	1.09 ppm
n-Decane	124-18-5	1.00 ppm	1.08 ppm
1,4-Dichlorobenzene	106-46-7	1.00 ppm	1.08 ppm
sec-Butylbenzene	135-98-8	1.00 ppm	1.04 ppm
4-Isopropyltoluene	99-87-6	1.00 ppm	1.04 ppm
1,2-Dichlorobenzene	95-50-1	1.00 ppm	1.08 ppm
n-Butylbenzene	104-51-8	1.00 ppm	1.05 ppm

THE LINDE GROUP

SHIPPED TO: Test America Inc.
30 Community Drive Suite 11
South Burlington, VT 05403

PAGE: 4 of 4

627134
ID: ATTO15CALs_00021
Exp:01/10/15 Prpd:PAD Opn:01/10/14
TO15 Calibration Source T

CERTIFICATE OF ANALYSIS

Sales#:	111092258	**Cylinder Size:**	2A (8" X 47.5")
Production#:	2915450	**Cylinder # :**	CC-90855
Certification Date:	Jan-10-2014	**Cylinder Pressure:**	1200 psig
P.O.# :	2546692	**Cylinder Valve:**	CGA 350 / Steel
Blend Type:	CERTIFIED	**Cylinder Volume:**	29.5 Liter
Material#:	14004551	**Cylinder Material:**	Aluminum
Traceability:	NIST by weight	**Gas Volume:**	2400 Liter
Expiration Date:	Jan-10-2015	**Blend Tolerance:**	10% Relative
Do NOT use under:	150 psig	**Analytical Accuracy:**	5% Relative

COMPONENT	CAS NUMBER	REQUESTED CONC	CERTIFIED CONC
n-Undecane	1120-21-4	1.00 ppm	1.01 ppm
1,2,4-Trichlorobenzene	120-82-1	1.00 ppm	1.10 ppm
Naphthalene (No Stability Guarantee)	91-20-3	1.00 ppm	1.03 ppm
n-Dodecane	112-40-3	1.00 ppm	0.95 ppm
1,2,3-Trichlorobenzene	87-61-6	1.00 ppm	1.04 ppm
Hexachloro-1,3-Butadiene	87-68-3	1.00 ppm	1.10 ppm
Nitrogen	7727-37-9	Balance	Balance

ANALYST: Lou Lorenzetti

DATE: Jan-10-2014

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Racer Trust VI

TestAmerica Job ID: 200-21576-1
SDG: 200-21576

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 TO15 Low Level

Volatile Organic Compounds - Low level (GC/MS) by Method TO 15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Matrix: Air Level: Low Lab File ID: 6778_004.D

Lab ID: LCS 200-70082/4 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	0.200	0.168	84	70-130	
Chloroethane	0.200	0.174	87	70-130	
1,1-Dichloroethene	0.200	0.176	88	70-130	
Methylene Chloride	0.200	0.201	100	70-130	
trans-1,2-Dichloroethene	0.200	0.197	98	70-130	
1,1-Dichloroethane	0.200	0.192	96	70-130	
cis-1,2-Dichloroethene	0.200	0.183	91	70-130	
1,1,1-Trichloroethane	0.200	0.190	95	70-130	
Trichloroethene	0.200	0.186	93	70-130	
Toluene	0.200	0.203	101	70-130	
Tetrachloroethene	0.200	0.198	99	70-130	
Ethylbenzene	0.200	0.204	102	70-130	
o-Xylene	0.200	0.214	107	70-130	
m-Xylene & p-Xylene	0.401	0.425	106	70-130	
1,2-Dichloroethane	0.200	0.188	94	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Matrix: Air Level: Low Lab File ID: 6815_003.D

Lab ID: LCS 200-70169/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	0.200	0.188	94	70-130	
Chloroethane	0.200	0.181	90	70-130	
1,1-Dichloroethene	0.200	0.187	93	70-130	
Methylene Chloride	0.200	0.206	103	70-130	
trans-1,2-Dichloroethene	0.200	0.210	105	70-130	
1,1-Dichloroethane	0.200	0.205	102	70-130	
cis-1,2-Dichloroethene	0.200	0.188	94	70-130	
1,1,1-Trichloroethane	0.200	0.194	97	70-130	
Trichloroethene	0.200	0.198	99	70-130	
Toluene	0.200	0.205	102	70-130	
Tetrachloroethene	0.200	0.201	100	70-130	
Ethylbenzene	0.200	0.208	104	70-130	
o-Xylene	0.200	0.212	106	70-130	
m-Xylene & p-Xylene	0.401	0.428	107	70-130	
1,2-Dichloroethane	0.200	0.200	100	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab File ID: 6778_005.D Lab Sample ID: MB 200-70082/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHE.i Date Analyzed: 03/31/2014 12:07

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 200-70082/4	6778_004.D	03/31/2014 11:12
RT-38-IA-032514	200-21576-1	6778_006.D	03/31/2014 13:02
RT-39-IA-032514	200-21576-2	6778_007.D	03/31/2014 13:57
RT-40-IA-032514	200-21576-3	6778_008.D	03/31/2014 14:51
RT-41-IA-032514	200-21576-4	6778_009.D	03/31/2014 15:46
RT-42-IA-032514	200-21576-5	6778_010.D	03/31/2014 16:41
RT-43-IA-032514	200-21576-6	6778_011.D	03/31/2014 17:36
RT-44-IA-032514	200-21576-7	6778_012.D	03/31/2014 18:31
RT-45-IA-032514	200-21576-8	6778_013.D	03/31/2014 19:25
RT-AA-032514	200-21576-9	6778_014.D	03/31/2014 20:20
RT-DUP-IA-032514	200-21576-10	6778_015.D	03/31/2014 21:14
RT-39-IA-032514 DL	200-21576-2 DL	6778_022.D	04/01/2014 03:33
RT-40-IA-032514 DL	200-21576-3 DL	6778_023.D	04/01/2014 04:27
RT-41-IA-032514 DL	200-21576-4 DL	6778_024.D	04/01/2014 05:21
RT-42-IA-032514 DL	200-21576-5 DL	6778_025.D	04/01/2014 06:15
RT-43-IA-032514 DL	200-21576-6 DL	6778_026.D	04/01/2014 07:09

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab File ID: 6815_004.D Lab Sample ID: MB 200-70169/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHE.i Date Analyzed: 04/01/2014 12:21

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 200-70169/3	6815_003.D	04/01/2014 11:25
RT-45-IA-032514 DL	200-21576-8 DL	6815_008.D	04/01/2014 15:59
RT-DUP-IA-032514 DL	200-21576-10 DL	6815_009.D	04/01/2014 16:54

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab File ID: 6594_001.D BFB Injection Date: 03/18/2014

Instrument ID: CHE.i BFB Injection Time: 11:57

Analysis Batch No.: 69618

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.5	
75	30.0 - 66.0% of mass 95	41.4	
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	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	72.8	
175	4.0 - 9.0 % of mass 174	5.1	(7.1)1
176	93.0 - 101.0% of mass 174	70.0	(96.2)1
177	5.0 - 9.0% of mass 176	4.6	(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
	IC 200-69618/4	6594_004.D	03/18/2014	14:38
	IC 200-69618/5	6594_005.D	03/18/2014	15:32
	IC 200-69618/6	6594_006.D	03/18/2014	16:27
	ICIS 200-69618/7	6594_007.D	03/18/2014	17:22
	IC 200-69618/8	6594_008.D	03/18/2014	18:16
	IC 200-69618/9	6594_009.D	03/18/2014	19:10
	IC 200-69618/10	6594_010.D	03/18/2014	20:04
	IC 200-69618/11	6594_011.D	03/18/2014	20:59
	IC 200-69618/12	6594_012.D	03/18/2014	21:53
	ICV 200-69618/15	6594_015.D	03/19/2014	00:36

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab File ID: 6778_001.D BFB Injection Date: 03/31/2014

Instrument ID: CHE.i BFB Injection Time: 08:34

Analysis Batch No.: 70082

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.7	
75	30.0 - 66.0% of mass 95	40.5	
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	(0.5)1
174	50.0 - 120.0% of mass 95	77.6	
175	4.0 - 9.0 % of mass 174	5.4	(7.0)1
176	93.0 - 101.0% of mass 174	74.1	(95.5)1
177	5.0 - 9.0% of mass 176	4.9	(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 200-70082/2	6778_002.D	03/31/2014	09:23
	LCS 200-70082/4	6778_004.D	03/31/2014	11:12
	MB 200-70082/5	6778_005.D	03/31/2014	12:07
RT-38-IA-032514	200-21576-1	6778_006.D	03/31/2014	13:02
RT-39-IA-032514	200-21576-2	6778_007.D	03/31/2014	13:57
RT-40-IA-032514	200-21576-3	6778_008.D	03/31/2014	14:51
RT-41-IA-032514	200-21576-4	6778_009.D	03/31/2014	15:46
RT-42-IA-032514	200-21576-5	6778_010.D	03/31/2014	16:41
RT-43-IA-032514	200-21576-6	6778_011.D	03/31/2014	17:36
RT-44-IA-032514	200-21576-7	6778_012.D	03/31/2014	18:31
RT-45-IA-032514	200-21576-8	6778_013.D	03/31/2014	19:25
RT-AA-032514	200-21576-9	6778_014.D	03/31/2014	20:20
RT-DUP-IA-032514	200-21576-10	6778_015.D	03/31/2014	21:14
RT-39-IA-032514 DL	200-21576-2 DL	6778_022.D	04/01/2014	03:33
RT-40-IA-032514 DL	200-21576-3 DL	6778_023.D	04/01/2014	04:27
RT-41-IA-032514 DL	200-21576-4 DL	6778_024.D	04/01/2014	05:21
RT-42-IA-032514 DL	200-21576-5 DL	6778_025.D	04/01/2014	06:15
RT-43-IA-032514 DL	200-21576-6 DL	6778_026.D	04/01/2014	07:09

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab File ID: 6815_001.D BFB Injection Date: 04/01/2014

Instrument ID: CHE.i BFB Injection Time: 09:40

Analysis Batch No.: 70169

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	41.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.1	
173	Less than 2.0% of mass 174	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	73.7	
175	4.0 - 9.0 % of mass 174	5.1	(7.0)1
176	93.0 - 101.0% of mass 174	70.6	(95.8)1
177	5.0 - 9.0% of mass 176	4.7	(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 200-70169/2	6815_002.D	04/01/2014	10:30
	LCS 200-70169/3	6815_003.D	04/01/2014	11:25
	MB 200-70169/4	6815_004.D	04/01/2014	12:21
RT-45-IA-032514 DL	200-21576-8 DL	6815_008.D	04/01/2014	15:59
RT-DUP-IA-032514 DL	200-21576-10 DL	6815_009.D	04/01/2014	16:54

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Sample No.: ICIS 200-69618/7 Date Analyzed: 03/18/2014 17:22

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6594_007.D Heated Purge: (Y/N) N

Calibration ID: 25987

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1380329	9.90	7074105	11.35	6512724	15.48
UPPER LIMIT		1932461	10.23	9903747	11.68	9117814	15.81
LOWER LIMIT		828197	9.57	4244463	11.02	3907634	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-69618/15		1574551	9.90	8134483	11.35	7341118	15.48

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 TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Sample No.: CCVIS 200-70082/2 Date Analyzed: 03/31/2014 09:23

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6778_002.D Heated Purge: (Y/N) N

Calibration ID: 25987

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1395991	9.90	7185769	11.35	6561913	15.48
UPPER LIMIT		1954387	10.23	10060077	11.68	9186678	15.81
LOWER LIMIT		837595	9.57	4311461	11.02	3937148	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-70082/4		1419709	9.90	7427812	11.35	6734273	15.48
MB 200-70082/5		1159169	9.90	6574234	11.35	4446972	15.48
200-21576-1	RT-38-IA-032514	1374765	9.90	7221673	11.35	6535555	15.48
200-21576-2	RT-39-IA-032514	1397921	9.90	7343869	11.35	6698108	15.48
200-21576-3	RT-40-IA-032514	1338378	9.89	7021008	11.35	6194905	15.48
200-21576-4	RT-41-IA-032514	1380212	9.90	7157578	11.35	6490733	15.48
200-21576-5	RT-42-IA-032514	1301285	9.90	6740198	11.35	6097911	15.48
200-21576-6	RT-43-IA-032514	1308519	9.90	6861085	11.35	6093747	15.48
200-21576-7	RT-44-IA-032514	1267961	9.90	6609274	11.35	5905549	15.48
200-21576-8	RT-45-IA-032514	1255492	9.91	6485015	11.35	5957067	15.48
200-21576-9	RT-AA-032514	1351780	9.90	7127045	11.35	6459064	15.48
200-21576-10	RT-DUP-IA-032514	1351324	9.90	7014623	11.35	6154925	15.48
200-21576-2 DL	RT-39-IA-032514 DL	1381676	9.90	7385166	11.35	6137989	15.48
200-21576-3 DL	RT-40-IA-032514 DL	1355123	9.90	7105556	11.35	6285567	15.48
200-21576-4 DL	RT-41-IA-032514 DL	1321015	9.90	6967132	11.35	6273934	15.48
200-21576-5 DL	RT-42-IA-032514 DL	1342028	9.90	7111496	11.35	6363739	15.48
200-21576-6 DL	RT-43-IA-032514 DL	1166377	9.89	6092508	11.35	5437792	15.48

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Sample No.: CCVIS 200-70169/2 Date Analyzed: 04/01/2014 10:30

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6815_002.D Heated Purge: (Y/N) N

Calibration ID: 25987

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1288419	9.90	6720075	11.35	6132573	15.48
UPPER LIMIT		1803787	10.23	9408105	11.68	8585602	15.81
LOWER LIMIT		773051	9.57	4032045	11.02	3679544	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-70169/3		1281173	9.90	6684899	11.35	6050893	15.48
MB 200-70169/4		1091580	9.89	6147173	11.35	4276673	15.48
200-21576-8 DL	RT-45-IA-032514 DL	1141983	9.90	6023886	11.35	5347520	15.48
200-21576-10 DL	RT-DUP-IA-032514 DL	1125038	9.90	5898967	11.35	5401717	15.48

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO15 LL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-38-IA-032514 Lab Sample ID: 200-21576-1

Matrix: Air Lab File ID: 6778_006.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 08:40

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 13:02

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.13		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.058		0.010	0.010
108-88-3	Toluene	92.14	0.63		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.029		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.13		0.010	0.010
95-47-6	o-Xylene	106.17	0.19		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.56		0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.74		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-38-IA-032514 Lab Sample ID: 200-21576-1

Matrix: Air Lab File ID: 6778_006.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 08:40

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 13:02

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.45		0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.31		0.054	0.054
108-88-3	Toluene	92.14	2.4		0.038	0.038
127-18-4	Tetrachloroethene	165.83	0.20		0.068	0.068
100-41-4	Ethylbenzene	106.17	0.56		0.043	0.043
95-47-6	o-Xylene	106.17	0.80		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	2.4		0.087	0.087
1330-20-7	Xylenes, Total	106.17	3.2		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D
Lims ID: 200-21576-A-1 Lab Sample ID: 200-21576-1
Client ID: RT-38-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 13:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-006
Misc. Info.: 21576-1
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 23-Apr-2014 15:47:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	4 Vinyl chloride	62		3.736					
	7 Chloroethane	64		4.597					
	11 1,1-Dichloroethene	96		6.256					
	13 Methylene Chloride	49	7.336	7.336	0.000	79	54963	0.1305	
	15 trans-1,2-Dichloroethene	61		7.775					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61				0		0.005980	
	19 cis-1,2-Dichloroethene	96	9.508	9.524	-0.016	35	2791	0.005980	
*	20 Chlorobromomethane	128	9.899	9.899	-0.001	78	1374765	2.00	
	22 1,1,1-Trichloroethane	97	10.225	10.230	-0.005	7	3995	0.004582	
	27 1,2-Dichloroethane	62	10.894	10.888	0.006	70	6069	0.0130	
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.000	93	7221673	2.00	
	30 Trichloroethene	95	11.712	11.712	0.000	97	33757	0.0584	
	34 Toluene	92	13.510	13.510	0.000	93	576735	0.6288	
	37 Tetrachloroethene	166	14.280	14.280	0.000	95	20642	0.0292	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.000	82	6535555	2.00	
	42 Ethylbenzene	91	15.596	15.596	0.000	96	234515	0.1292	
	43 m-Xylene & p-Xylene	106	15.746	15.746	0.000	97	394834	0.5570	
S	44 Xylenes, Total	106				0		0.7423	
	45 o-Xylene	106	16.265	16.265	0.000	94	128787	0.1853	
	51 BFB								

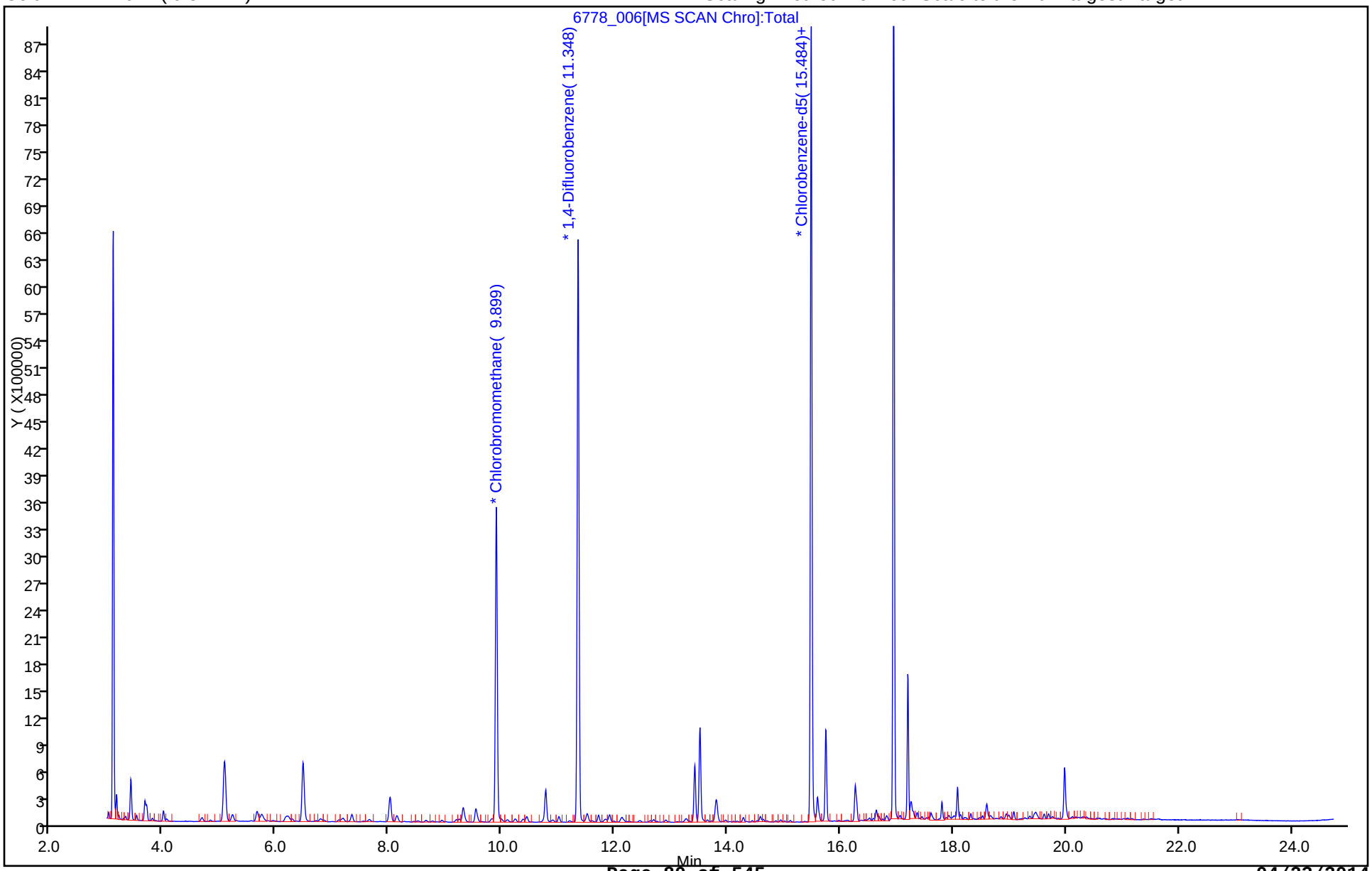
Report Date: 23-Apr-2014 15:47:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1	Worklist Smp#:	6
Client ID:	RT-38-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



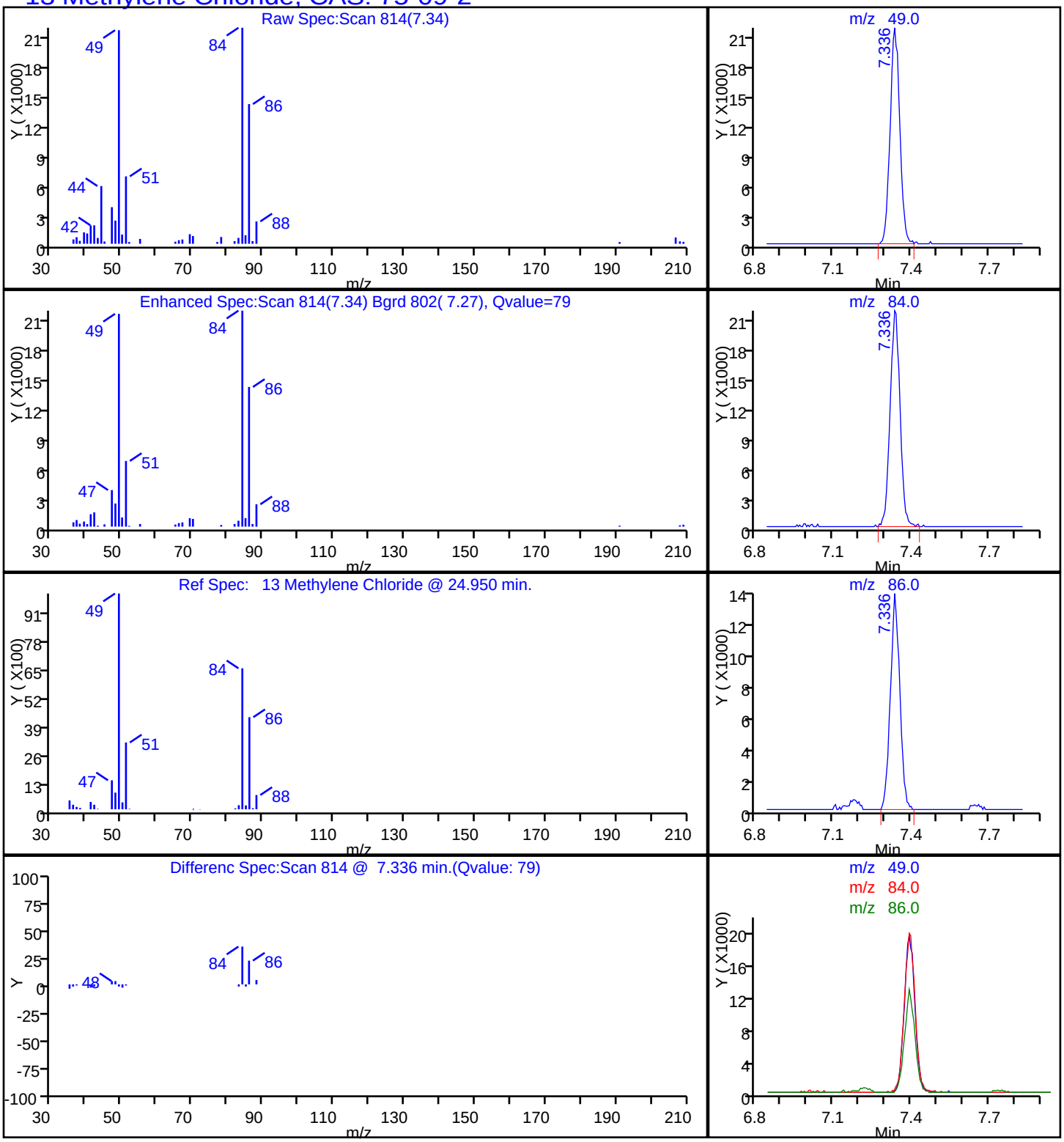
Report Date: 23-Apr-2014 15:47:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1		
Client ID:	RT-38-IA-032514				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Methylene Chloride, CAS: 75-09-2



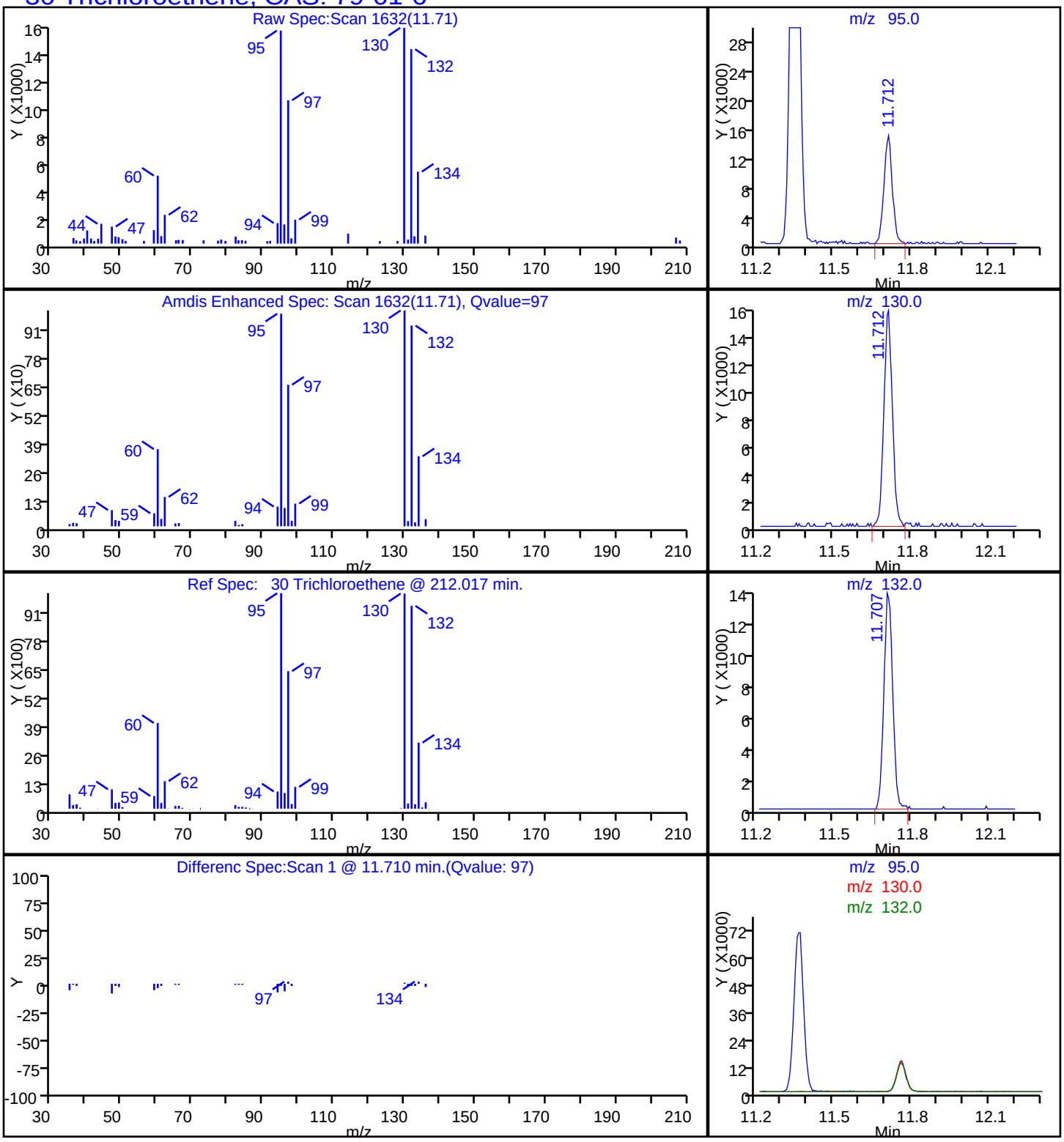
Report Date: 23-Apr-2014 15:47:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1
Client ID:	RT-38-IA-032514		
Operator ID:	wrd	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

30 Trichloroethene, CAS: 79-01-6



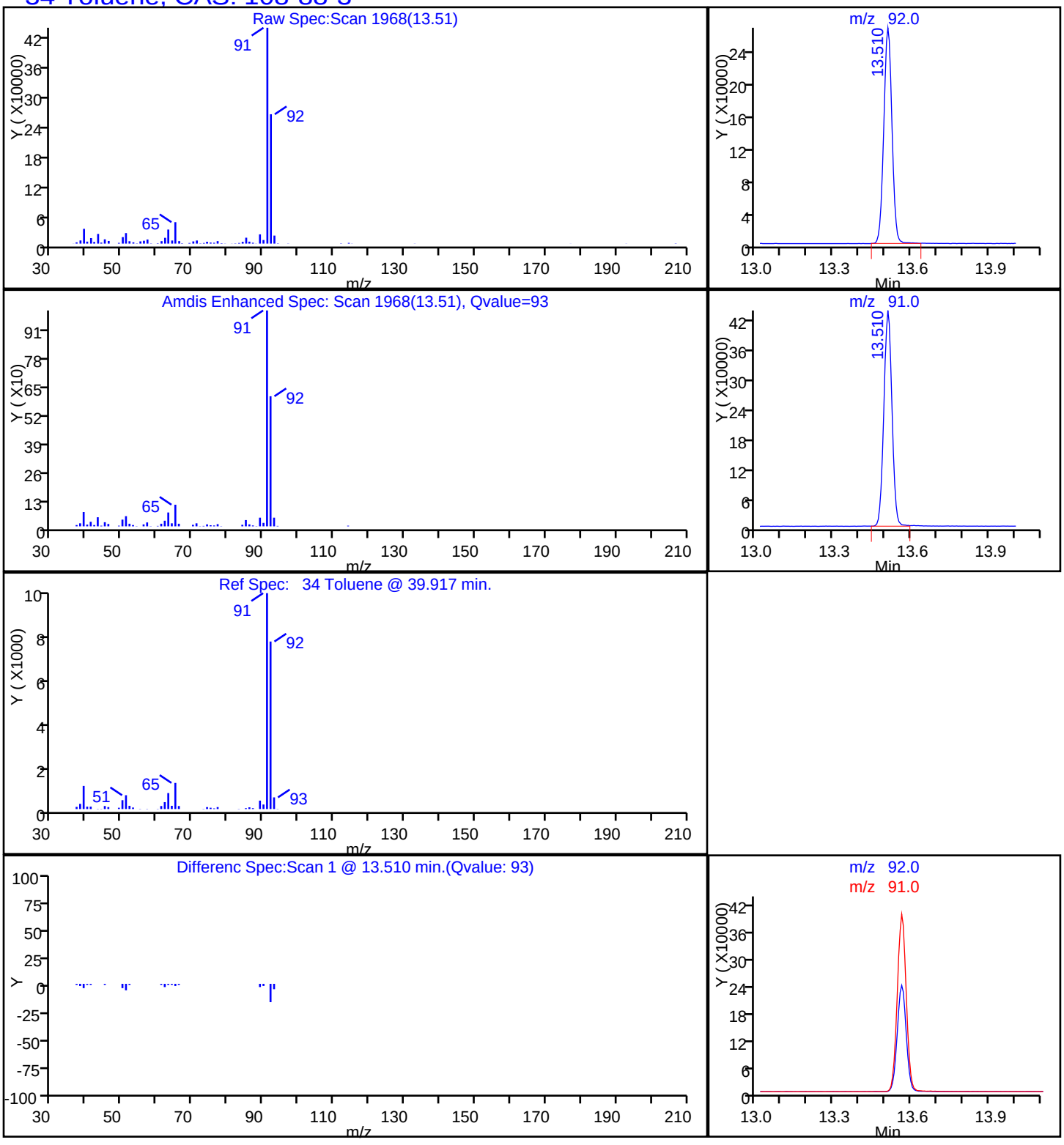
Report Date: 23-Apr-2014 15:47:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1		
Client ID:	RT-38-IA-032514				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



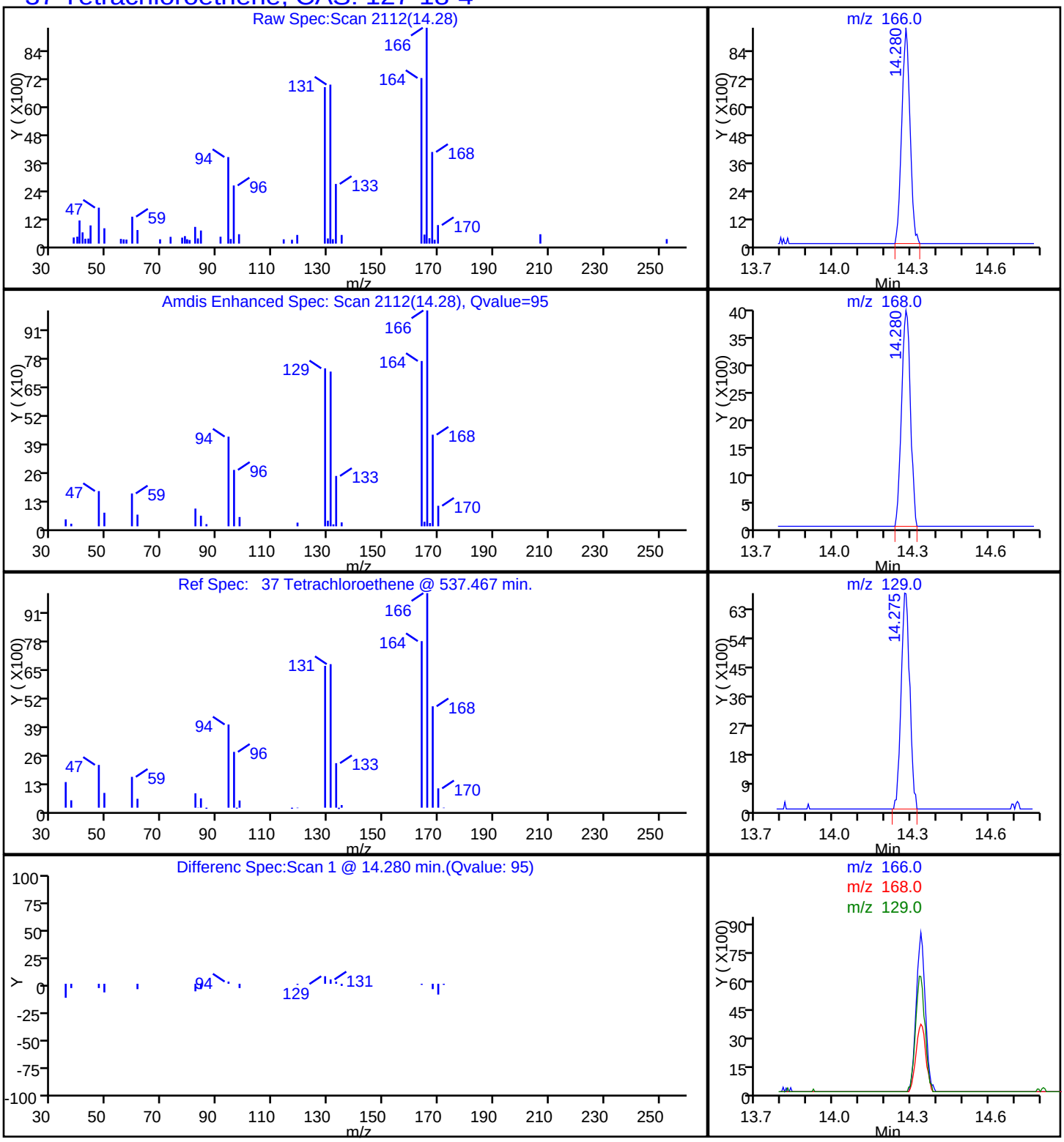
Report Date: 23-Apr-2014 15:47:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1
Client ID:	RT-38-IA-032514		
Operator ID:	wrd	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

37 Tetrachloroethene, CAS: 127-18-4

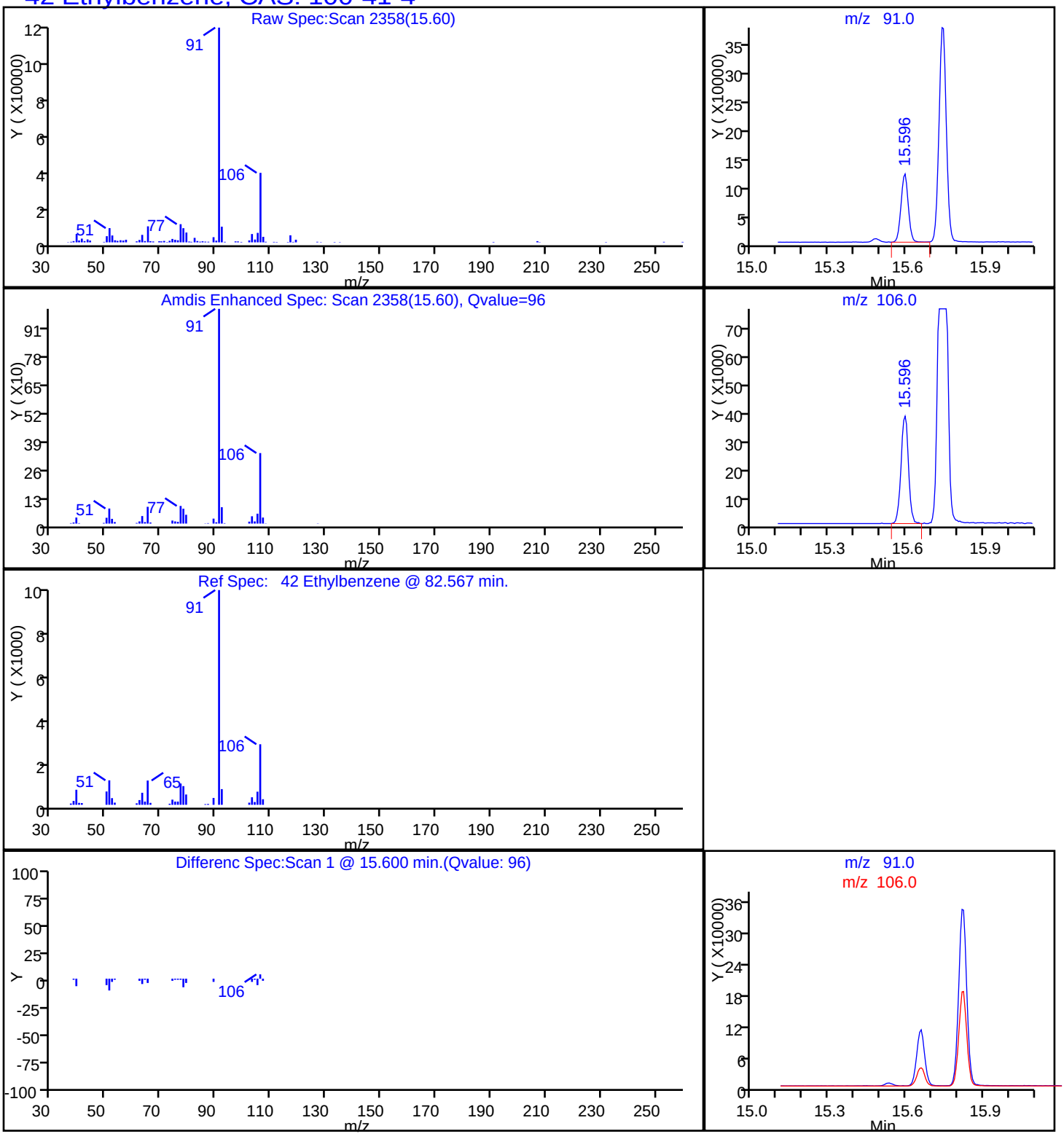


TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1
Client ID:	RT-38-IA-032514		
Operator ID:	wrd	ALS Bottle#:	5 Worklist Smp#: 6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

42 Ethylbenzene, CAS: 100-41-4



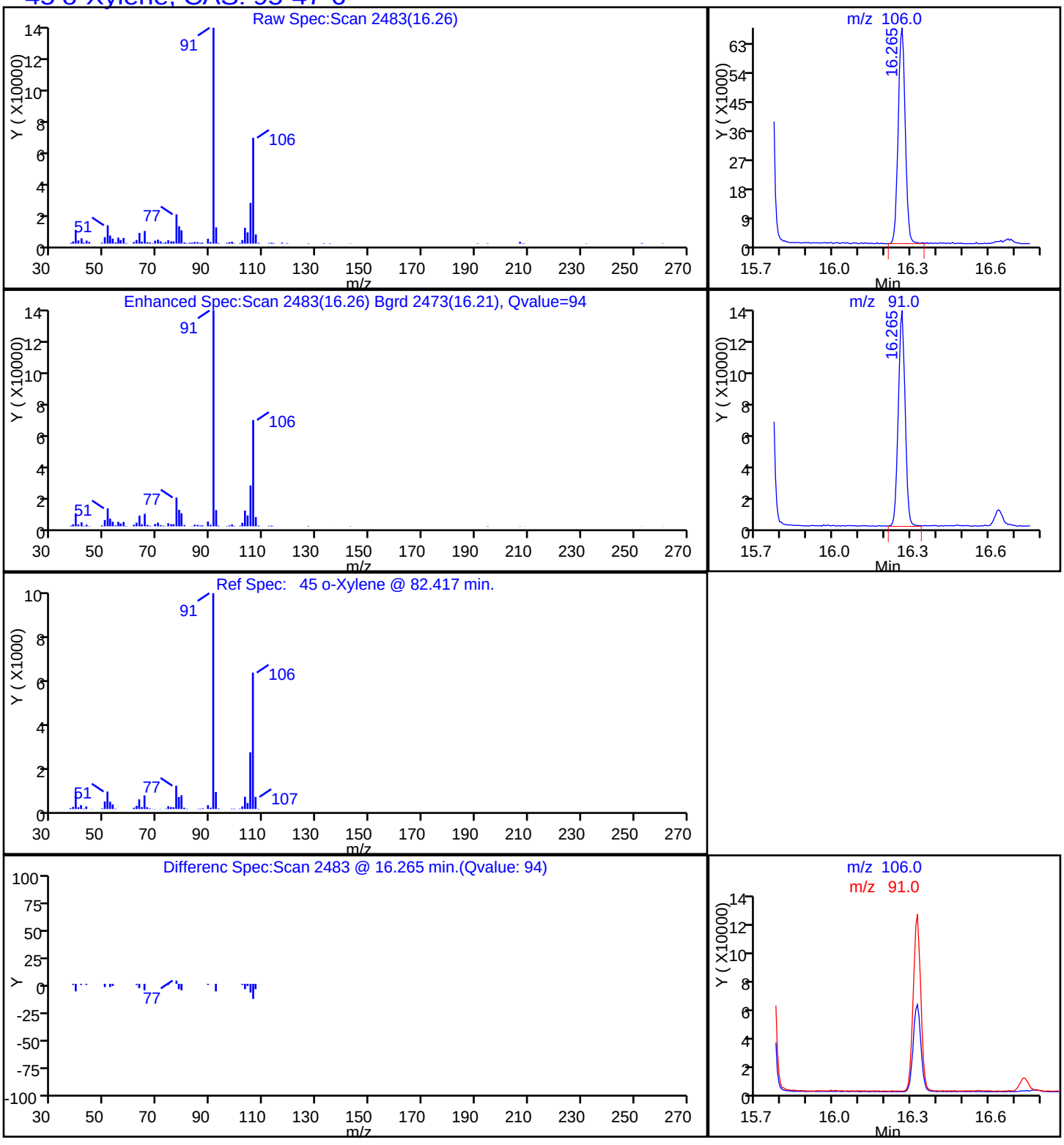
Report Date: 23-Apr-2014 15:47:57 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D

Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1		
Client ID:	RT-38-IA-032514				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

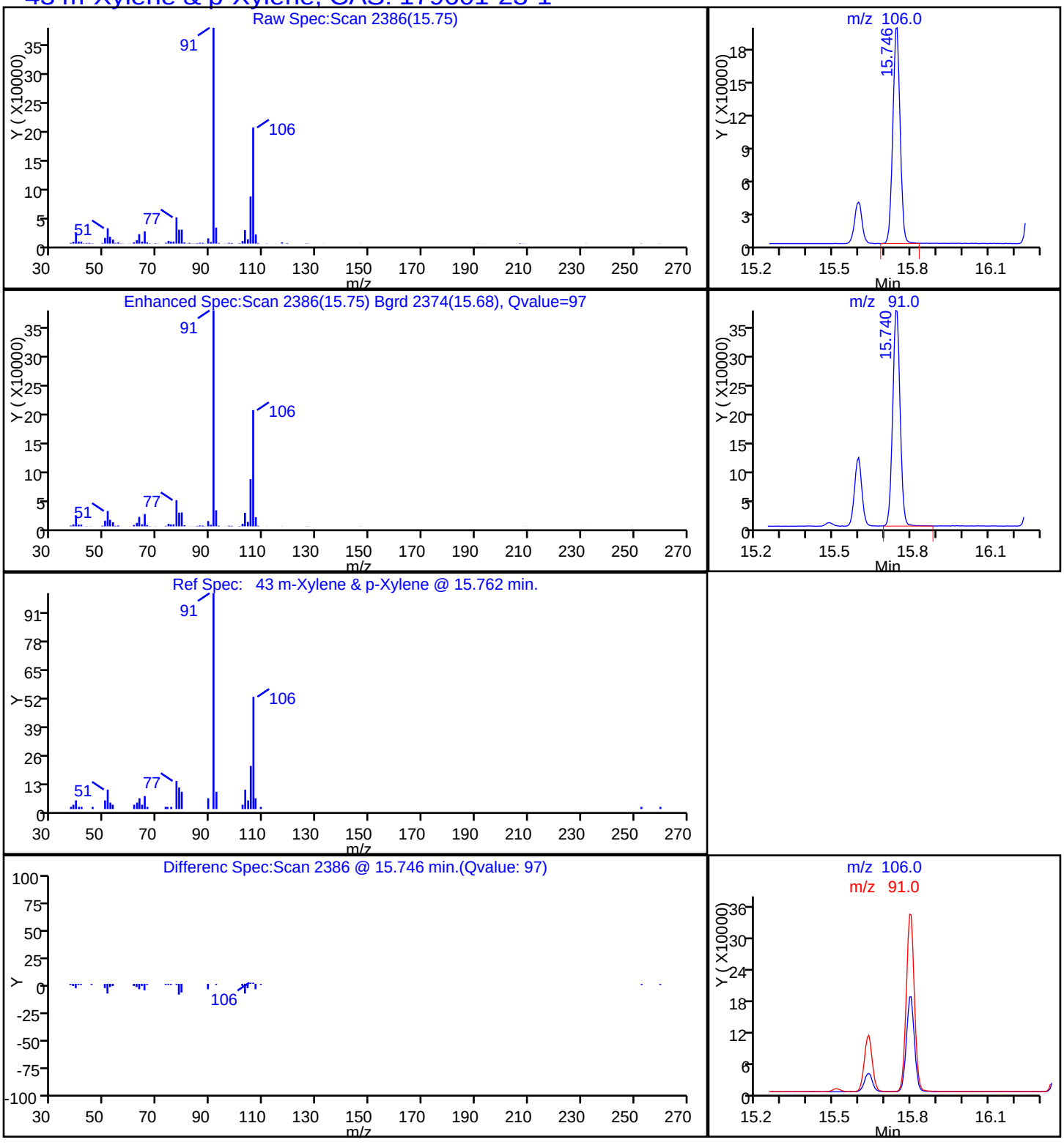
45 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_006.D				
Injection Date:	31-Mar-2014 13:02:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-1	Lab Sample ID:	200-21576-1		
Client ID:	RT-38-IA-032514				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-39-IA-032514 Lab Sample ID: 200-21576-2

Matrix: Air Lab File ID: 6778_007.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:15

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 13:57

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.53		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.013		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.046		0.010	0.010
108-88-3	*Toluene*	*92.14*	*1.2*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.014		0.010	0.010
100-41-4	*Ethylbenzene*	*106.17*	*3.4*	*E*	*0.010*	*0.010*
95-47-6	*o-Xylene*	*106.17*	*6.0*	*E*	*0.010*	*0.010*
540-59-0	1,2-Dichloroethene, Total	96.94	0.013		0.010	0.010
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*16*	*E*	*0.020*	*0.020*
1330-20-7	Xylenes, Total	106.17	22		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-39-IA-032514 Lab Sample ID: 200-21576-2

Matrix: Air Lab File ID: 6778_007.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:15

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 13:57

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	1.8		0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.052		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.25		0.054	0.054
108-88-3	*Toluene*	*92.14*	*4.6*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.093		0.068	0.068
100-41-4	*Ethylbenzene*	*106.17*	*15*	*E*	*0.043*	*0.043*
95-47-6	*o-Xylene*	*106.17*	*26*	*E*	*0.043*	*0.043*
540-59-0	1,2-Dichloroethene, Total	96.94	0.052		0.040	0.040
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*70*	*E*	*0.087*	*0.087*
1330-20-7	Xylenes, Total	106.17	96		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D
Lims ID: 200-21576-A-2 Lab Sample ID: 200-21576-2
Client ID: RT-39-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 13:57:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-007
Misc. Info.: 21576-2
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 23-Apr-2014 14:50:33

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	4 Vinyl chloride	62		3.736					
	7 Chloroethane	64		4.597					
	11 1,1-Dichloroethene	96		6.256					
	13 Methylene Chloride	49	7.336	7.336	0.000	80	225076	0.5256	
	15 trans-1,2-Dichloroethene	61		7.775					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61				0		0.0131	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	16	6211	0.0131	
*	20 Chlorobromomethane	128	9.899	9.899	0.000	78	1397921	2.00	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.000	17	5445	0.006141	
	27 1,2-Dichloroethane	62	10.894	10.888	0.006	69	6159	0.0130	
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.000	93	7343869	2.00	
	30 Trichloroethene	95	11.712	11.712	0.000	96	27016	0.0459	
	34 Toluene	92	13.510	13.510	0.000	94	1147272	1.22	E
	37 Tetrachloroethene	166	14.275	14.280	-0.005	90	9923	0.0137	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6698108	2.00	
	42 Ethylbenzene	91	15.596	15.596	0.000	97	6360737	3.42	E
	43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	94	11726611	16.1	E
S	44 Xylenes, Total	106				0		22.1	
	45 o-Xylene	106	16.265	16.265	0.000	96	4248220	5.96	E
	51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

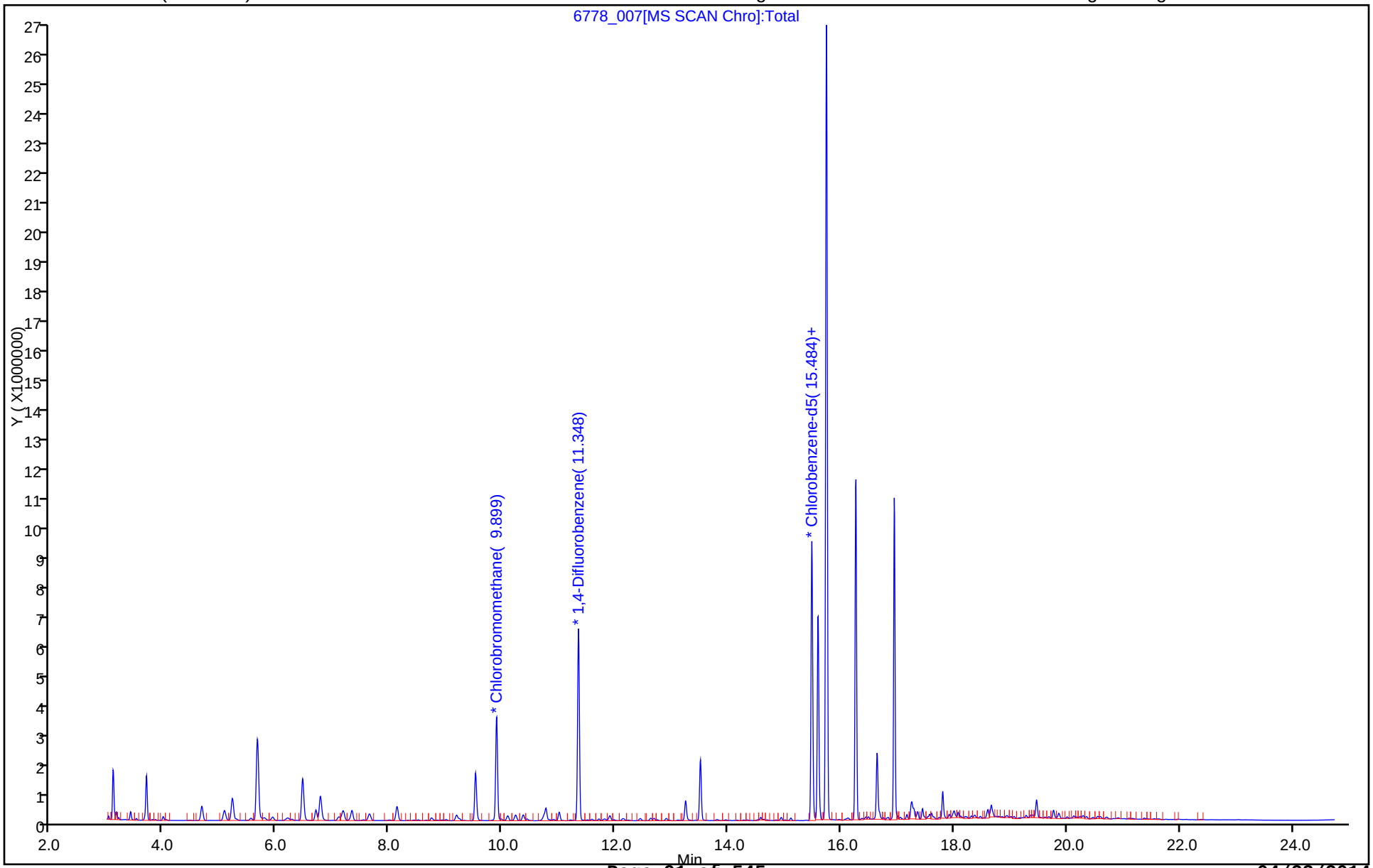
Report Date: 23-Apr-2014 14:50:33 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2	Worklist Smp#:	7
Client ID:	RT-39-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



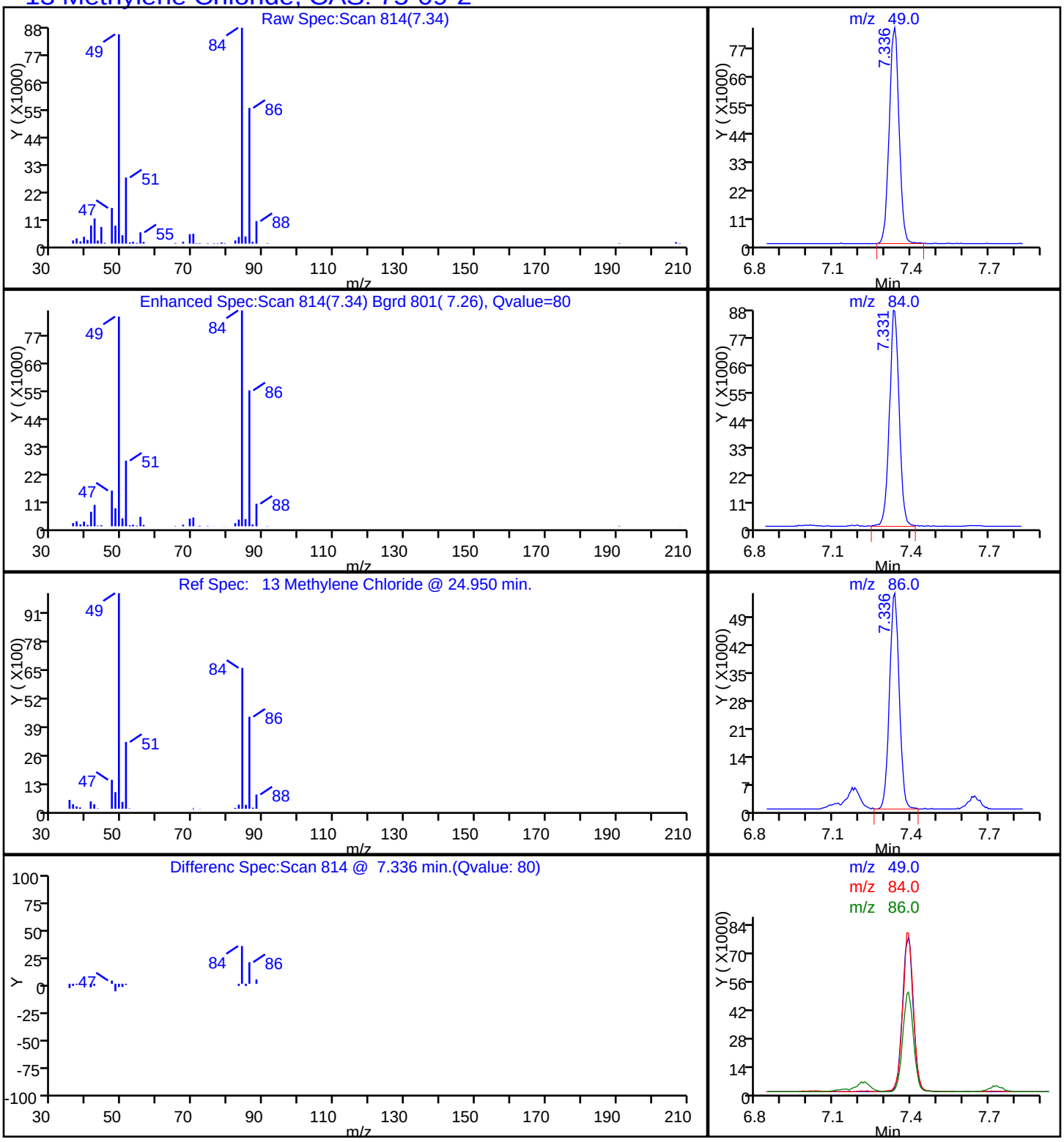
Report Date: 23-Apr-2014 14:50:33 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Methylene Chloride, CAS: 75-09-2



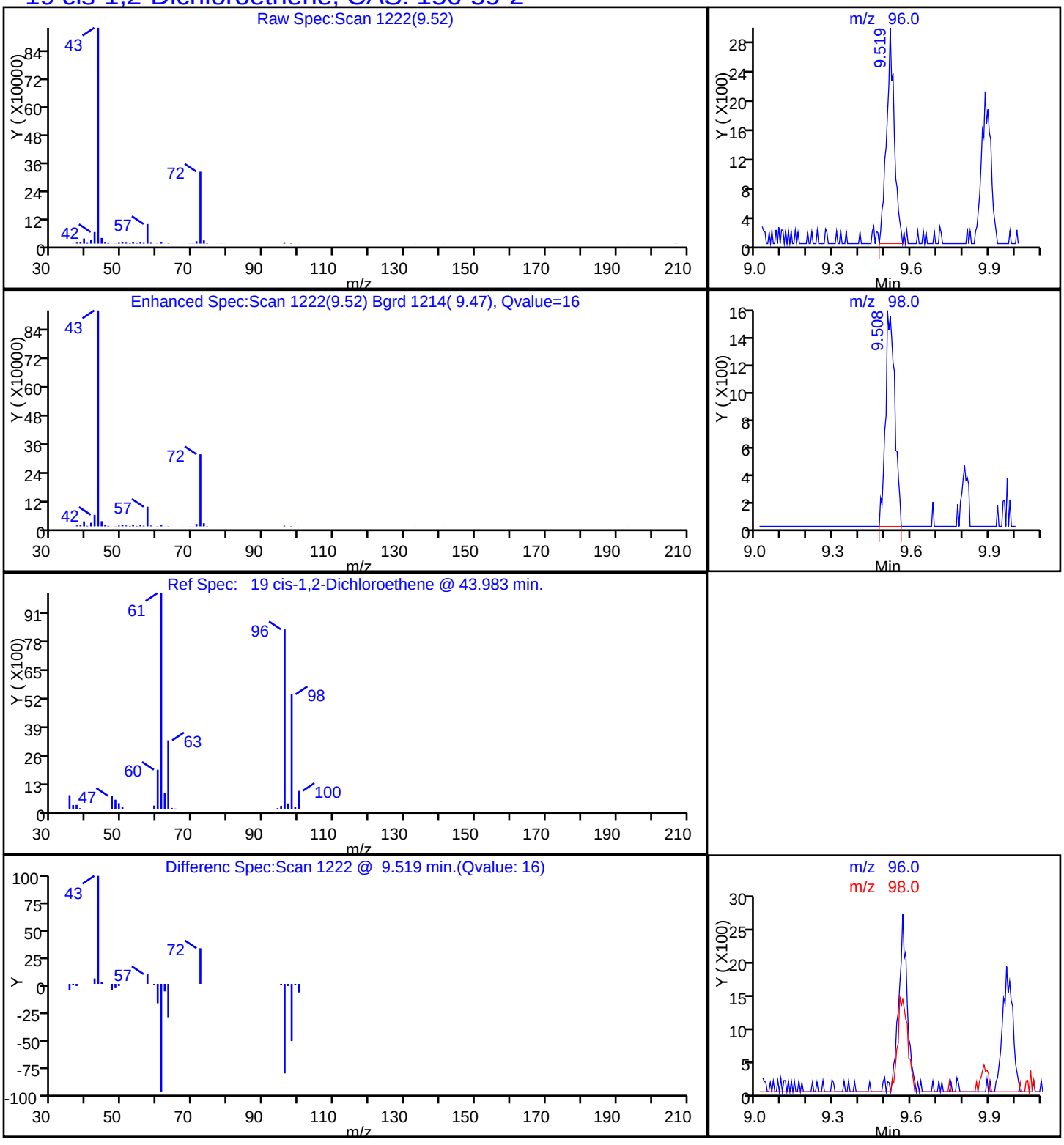
Report Date: 23-Apr-2014 14:50:33 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



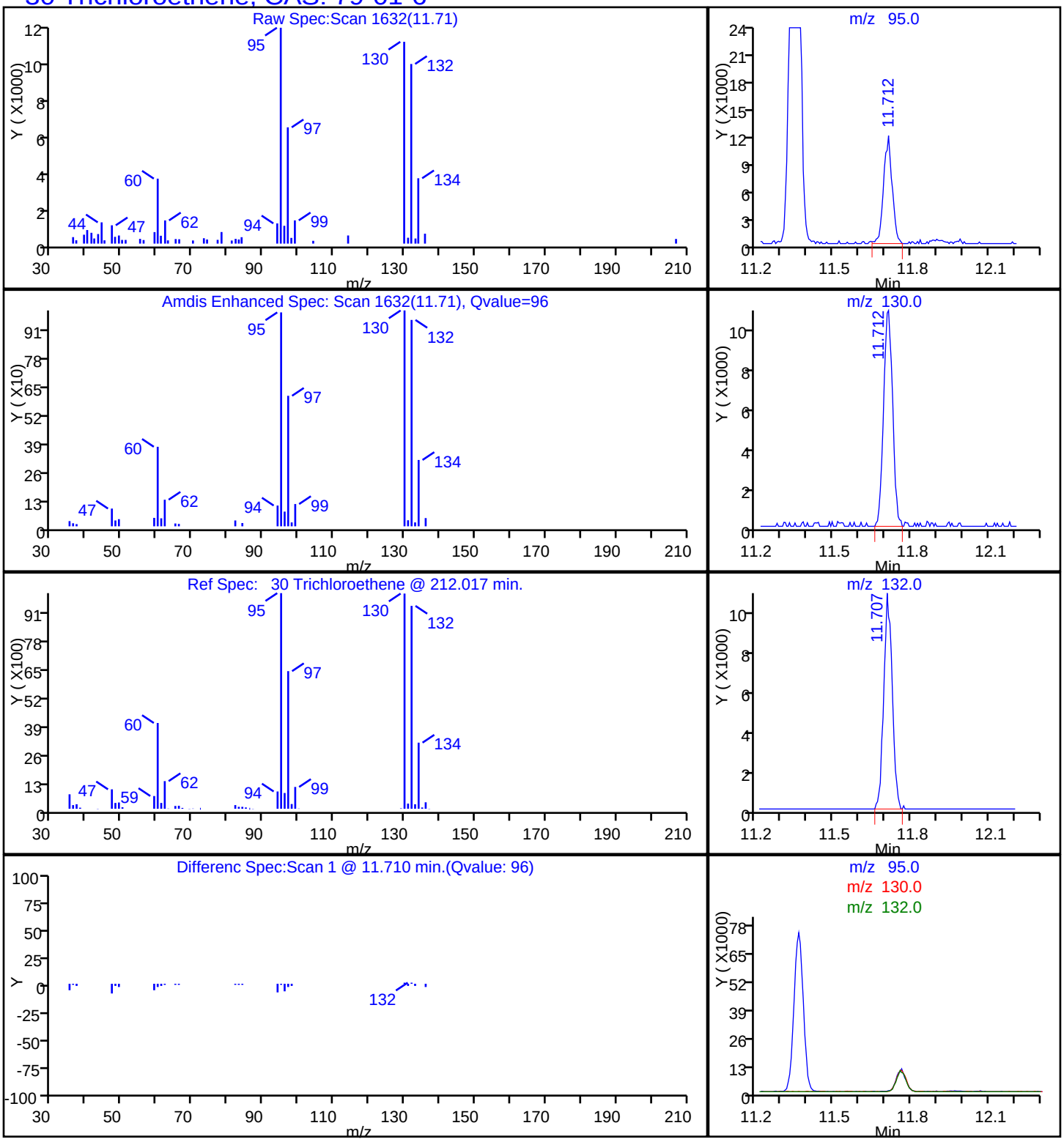
Report Date: 23-Apr-2014 14:50:33 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2
Client ID:	RT-39-IA-032514		
Operator ID:	wrd	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

30 Trichloroethene, CAS: 79-01-6



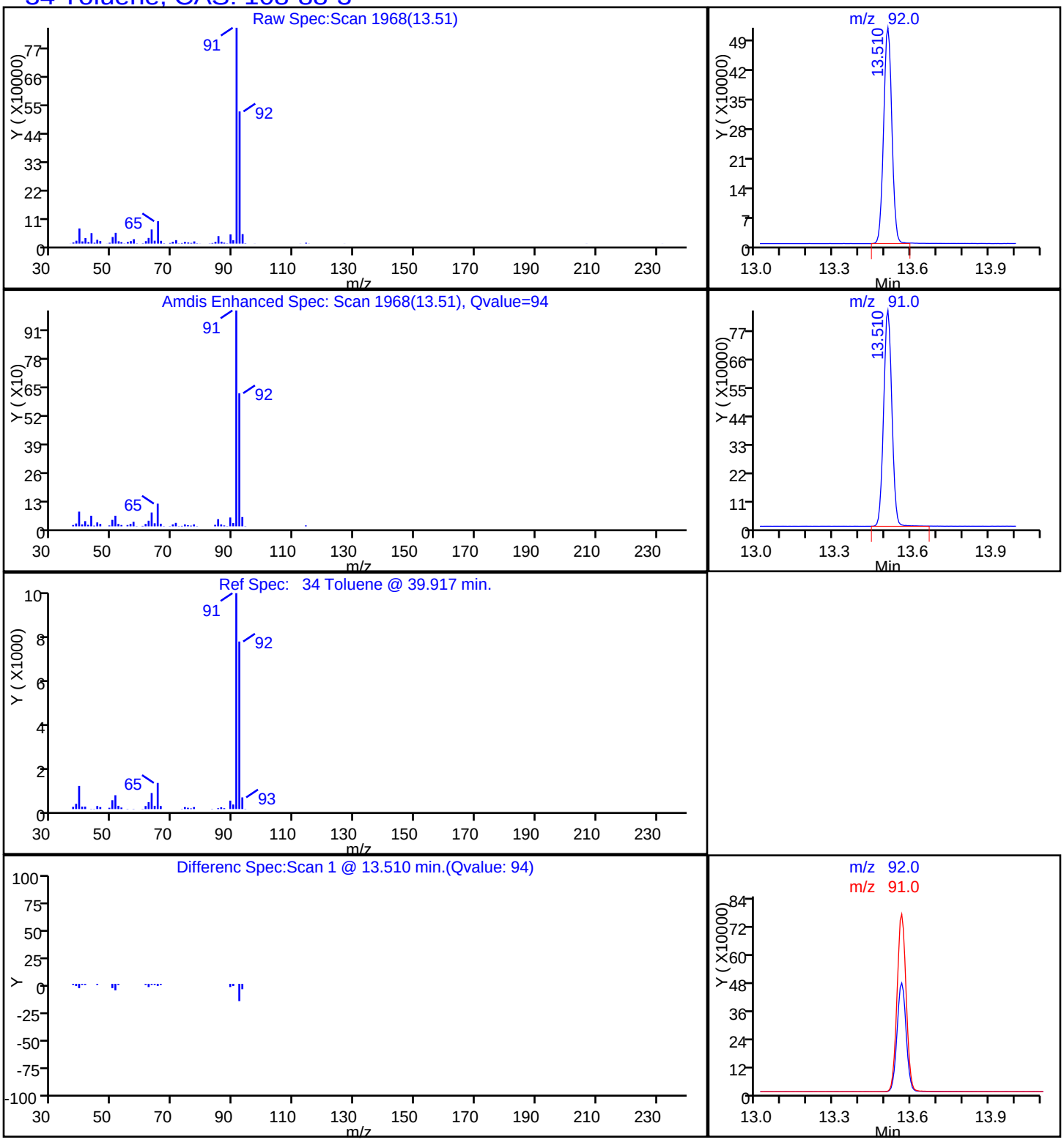
Report Date: 23-Apr-2014 14:50:34 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



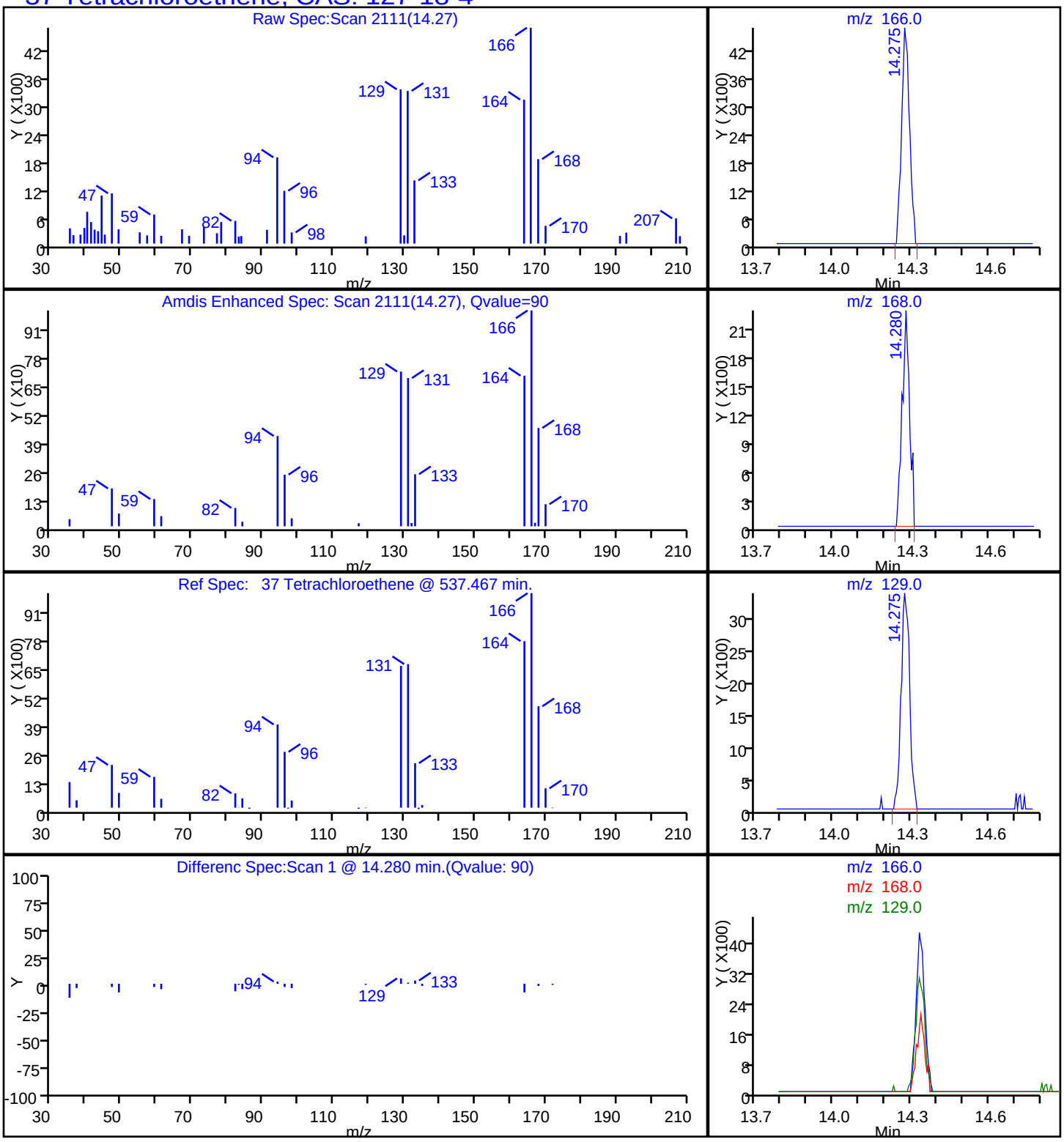
Report Date: 23-Apr-2014 14:50:34 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2
Client ID:	RT-39-IA-032514		
Operator ID:	wrd	ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

37 Tetrachloroethene, CAS: 127-18-4



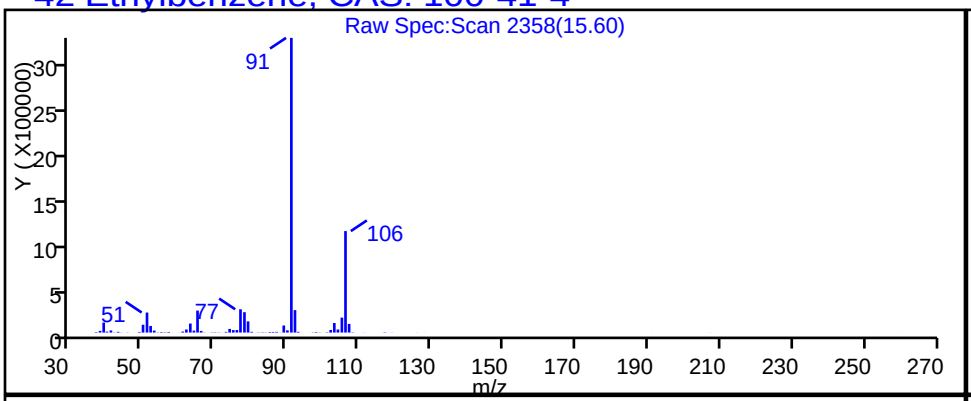
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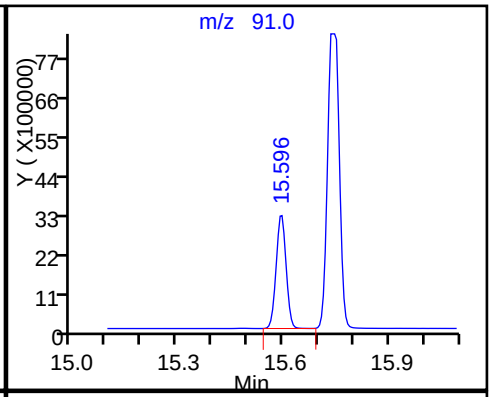
TestAmerica Burlington

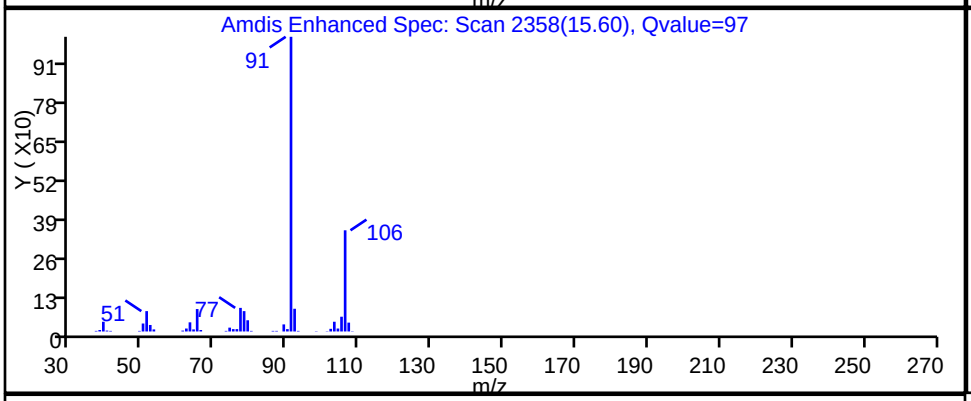
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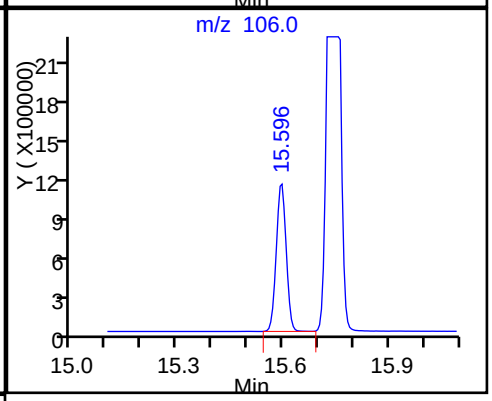
Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

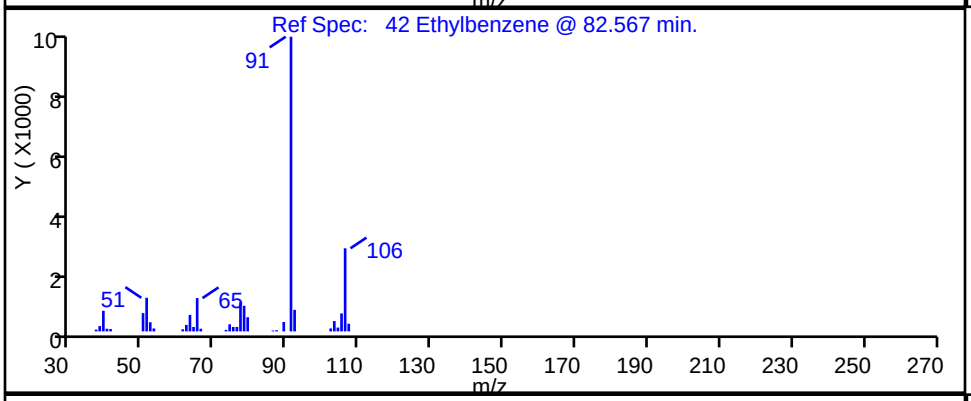
42 Ethylbenzene, CAS: 100-41-4

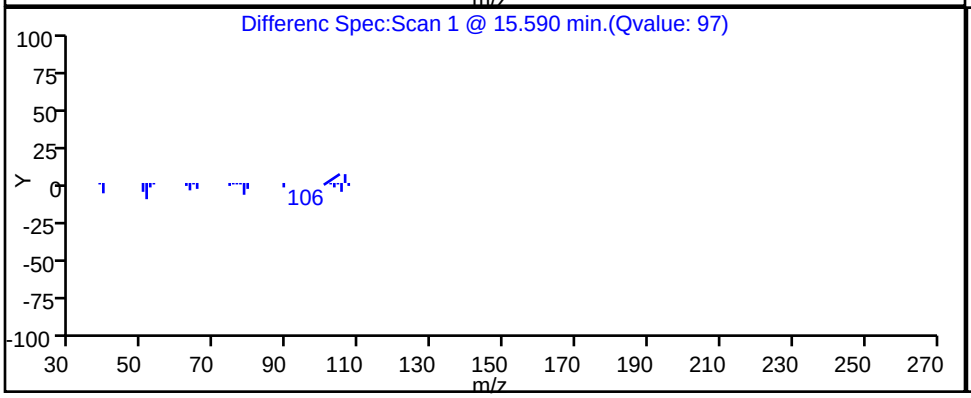


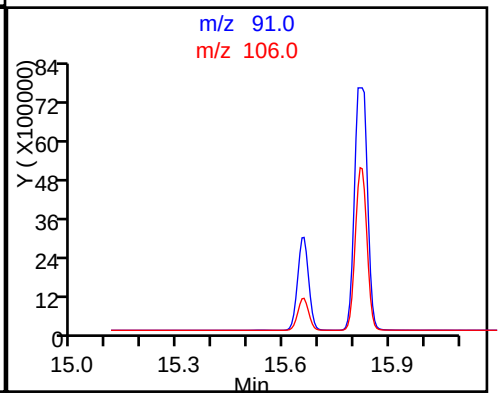








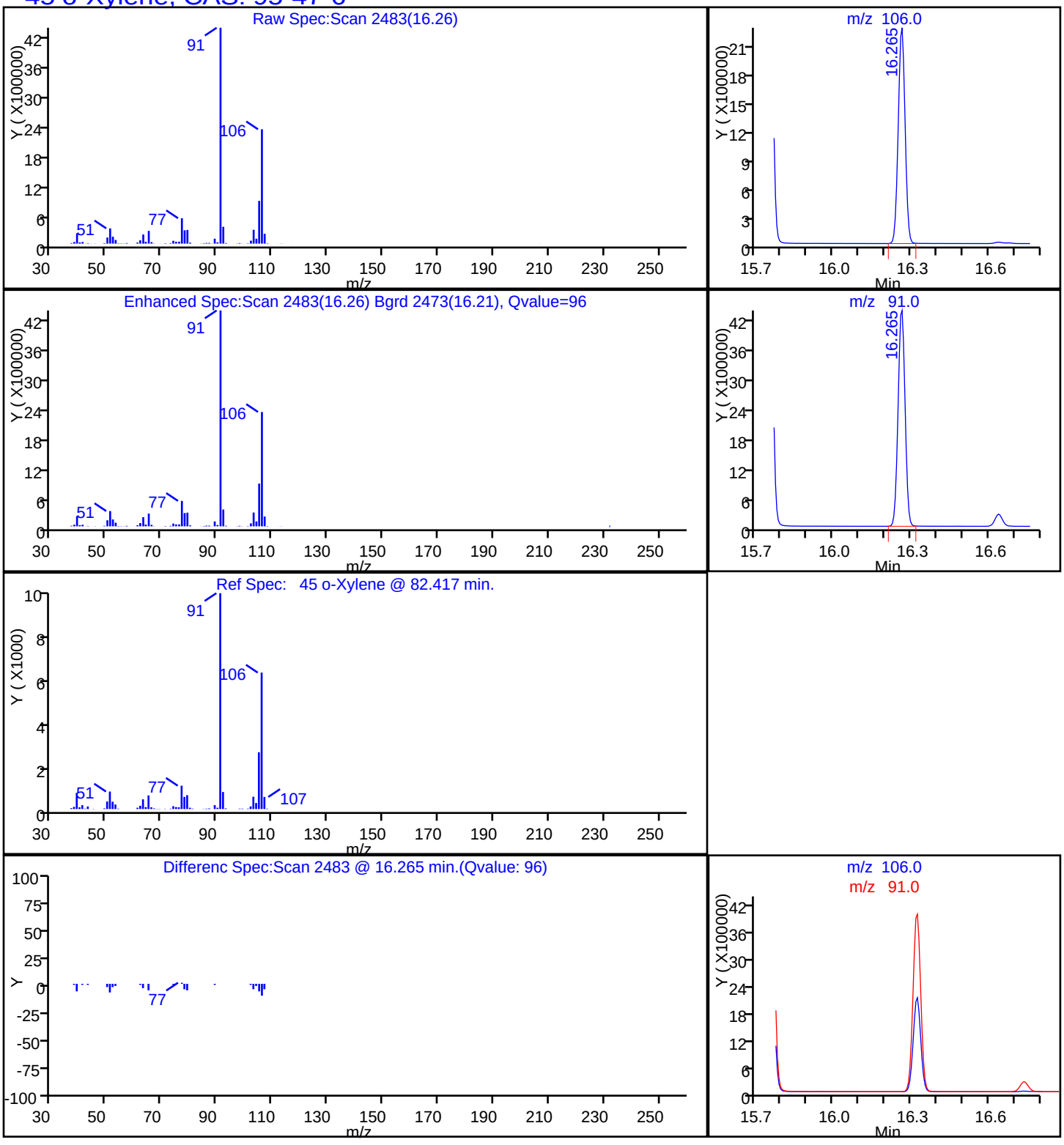




TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D				
Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6



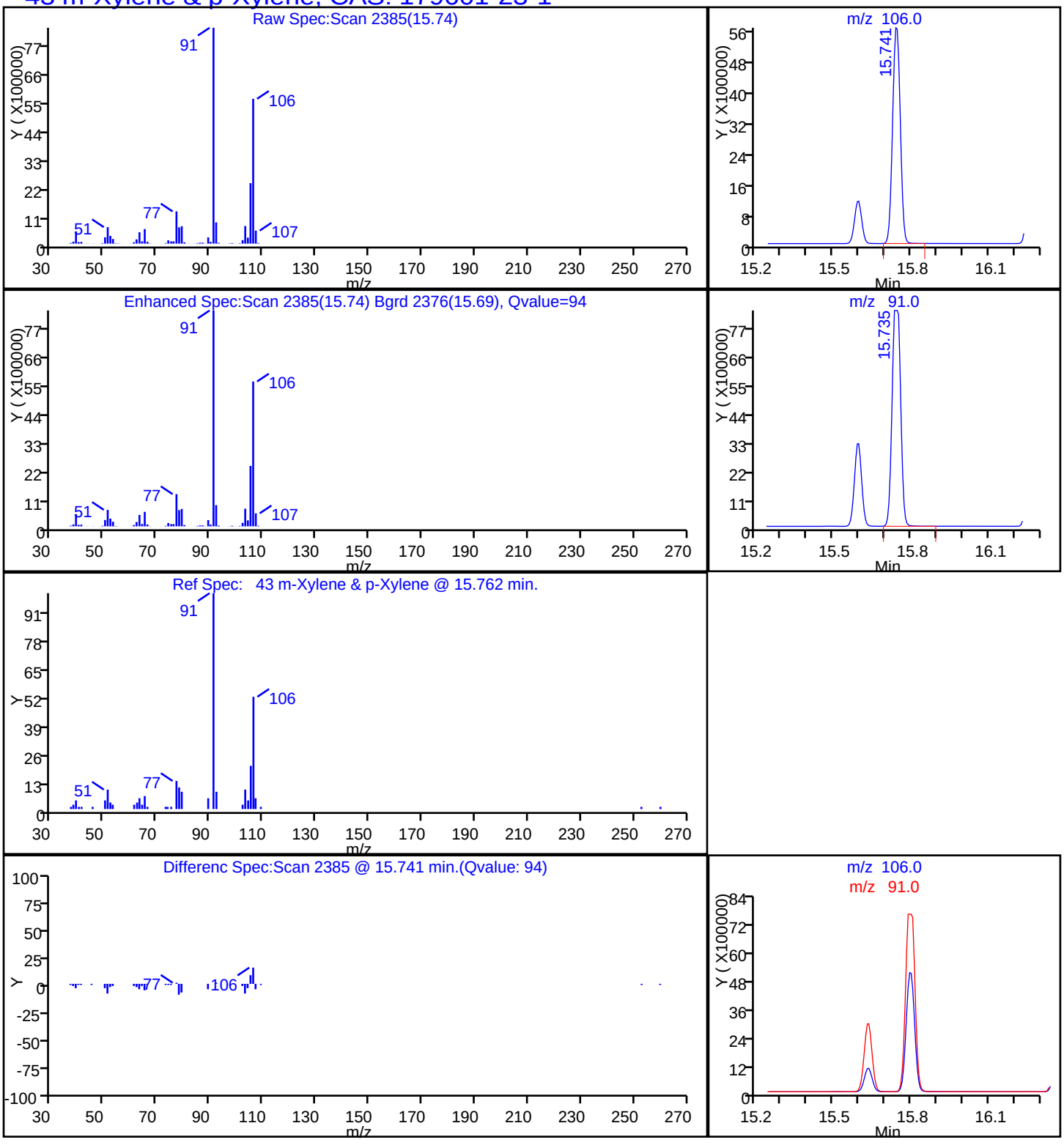
Report Date: 23-Apr-2014 14:50:34 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_007.D

Injection Date:	31-Mar-2014 13:57:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-39-IA-032514 DL Lab Sample ID: 200-21576-2 DL

Matrix: Air Lab File ID: 6778_022.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:15

Sample wt/vol: 33(mL) Date Analyzed: 04/01/2014 03:33

Soil Aliquot Vol: Dilution Factor: 15.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.30*	*U*	*0.30*	*0.30*
75-00-3	*Chloroethane*	*64.52*	*0.30*	*U*	*0.30*	*0.30*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.15*	*U*	*0.15*	*0.15*
75-09-2	*Methylene Chloride*	*84.93*	*1.5*	*U*	*1.5*	*1.5*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.15*	*U*	*0.15*	*0.15*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.15*	*U*	*0.15*	*0.15*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.15*	*U*	*0.15*	*0.15*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.15*	*U*	*0.15*	*0.15*
79-01-6	*Trichloroethene*	*131.39*	*0.15*	*U*	*0.15*	*0.15*
108-88-3	Toluene	92.14	0.83	D	0.15	0.15
127-18-4	*Tetrachloroethene*	*165.83*	*0.15*	*U*	*0.15*	*0.15*
100-41-4	Ethylbenzene	106.17	2.1	D	0.15	0.15
95-47-6	o-Xylene	106.17	3.5	D	0.15	0.15
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.15*	*U*	*0.15*	*0.15*
179601-23-1	m-Xylene & p-Xylene	106.17	10	D	0.30	0.30
1330-20-7	*Xylenes, Total*	*106.17*	*14*	*D*	*0.15*	*0.15*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.30*	*U*	*0.30*	*0.30*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-39-IA-032514 DL Lab Sample ID: 200-21576-2 DL

Matrix: Air Lab File ID: 6778_022.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:15

Sample wt/vol: 33(mL) Date Analyzed: 04/01/2014 03:33

Soil Aliquot Vol: Dilution Factor: 15.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.78*	*U*	*0.78*	*0.78*
75-00-3	*Chloroethane*	*64.52*	*0.80*	*U*	*0.80*	*0.80*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.60*	*U*	*0.60*	*0.60*
75-09-2	*Methylene Chloride*	*84.93*	*5.3*	*U*	*5.3*	*5.3*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.60*	*U*	*0.60*	*0.60*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.62*	*U*	*0.62*	*0.62*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.60*	*U*	*0.60*	*0.60*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.83*	*U*	*0.83*	*0.83*
79-01-6	*Trichloroethene*	*131.39*	*0.82*	*U*	*0.82*	*0.82*
108-88-3	Toluene	92.14	3.1	D	0.57	0.57
127-18-4	*Tetrachloroethene*	*165.83*	*1.0*	*U*	*1.0*	*1.0*
100-41-4	Ethylbenzene	106.17	9.2	D	0.66	0.66
95-47-6	o-Xylene	106.17	15	D	0.66	0.66
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.60*	*U*	*0.60*	*0.60*
179601-23-1	m-Xylene & p-Xylene	106.17	44	D	1.3	1.3
1330-20-7	*Xylenes, Total*	*106.17*	*60*	*D*	*0.66*	*0.66*
107-06-2	*1,2-Dichloroethane*	*98.96*	*1.2*	*U*	*1.2*	*1.2*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_022.D
Lims ID: 200-21576-A-2 Lab Sample ID: 200-21576-2
Client ID: RT-39-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 03:33:30 ALS Bottle#: 6 Worklist Smp#: 22
Purge Vol: 500.000 mL Dil. Factor: 15.2000
Sample Info: 200-0006778-022
Misc. Info.: 21576-2
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:22:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.336	7.336	0.000	81	19878	0.0470	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.899	9.899	0.000	76	1381676	2.00	
22 1,1,1-Trichloroethane	97		10.230					
27 1,2-Dichloroethane	62		10.888					
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7385166	2.00	
30 Trichloroethene	95		11.712					
34 Toluene	92	13.515	13.510	0.005	95	47092	0.0547	
37 Tetrachloroethene	166		14.280					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6137989	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	96	236600	0.1388	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	97	447527	0.6723	
S 44 Xylenes, Total	106				0		0.9032	
45 o-Xylene	106	16.265	16.265	0.000	95	150721	0.2309	
51 BFB								

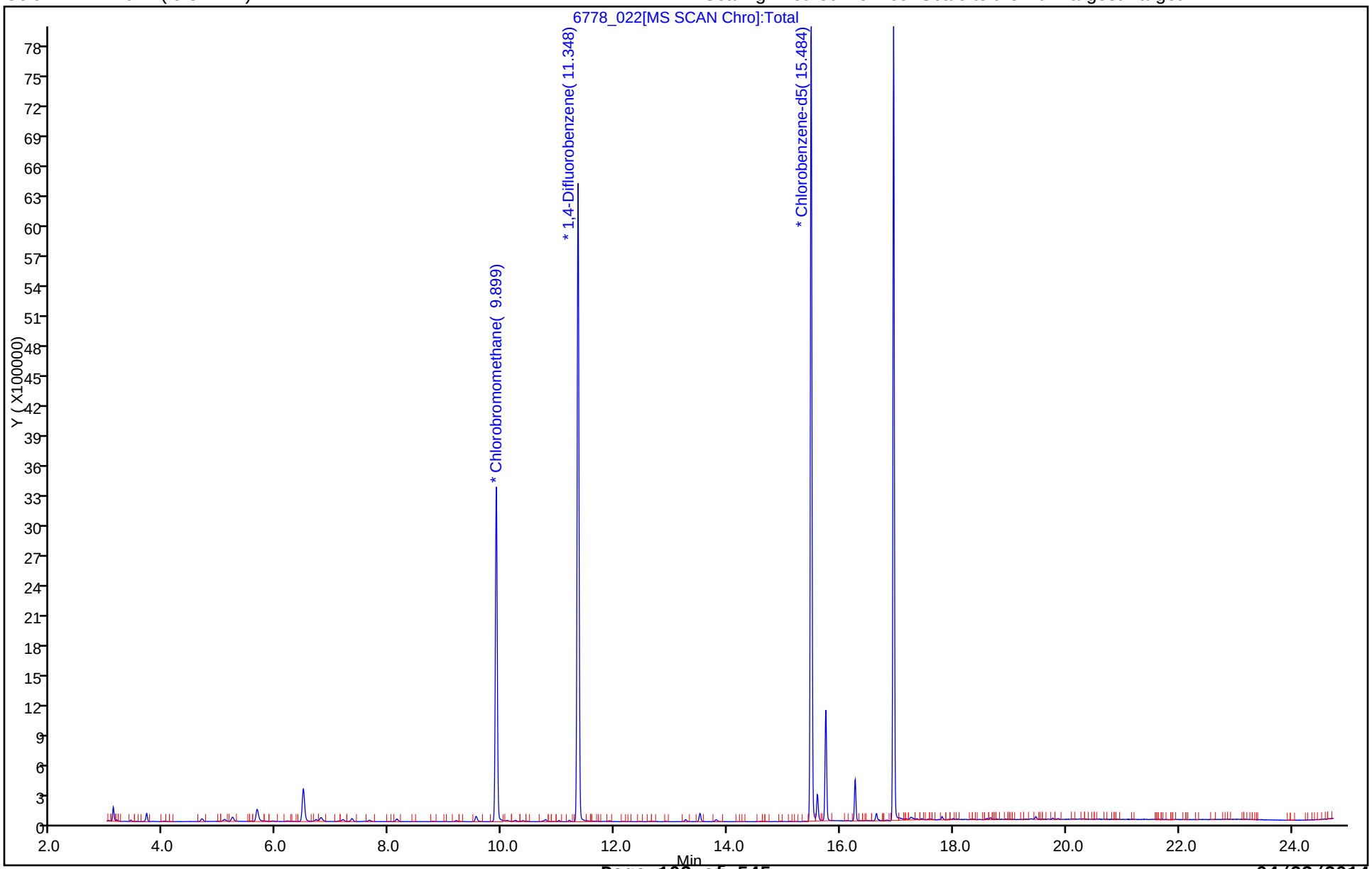
Report Date: 23-Apr-2014 14:58:27 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_022.D

Injection Date:	01-Apr-2014 03:33:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2	Worklist Smp#:	22
Client ID:	RT-39-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	15.2000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



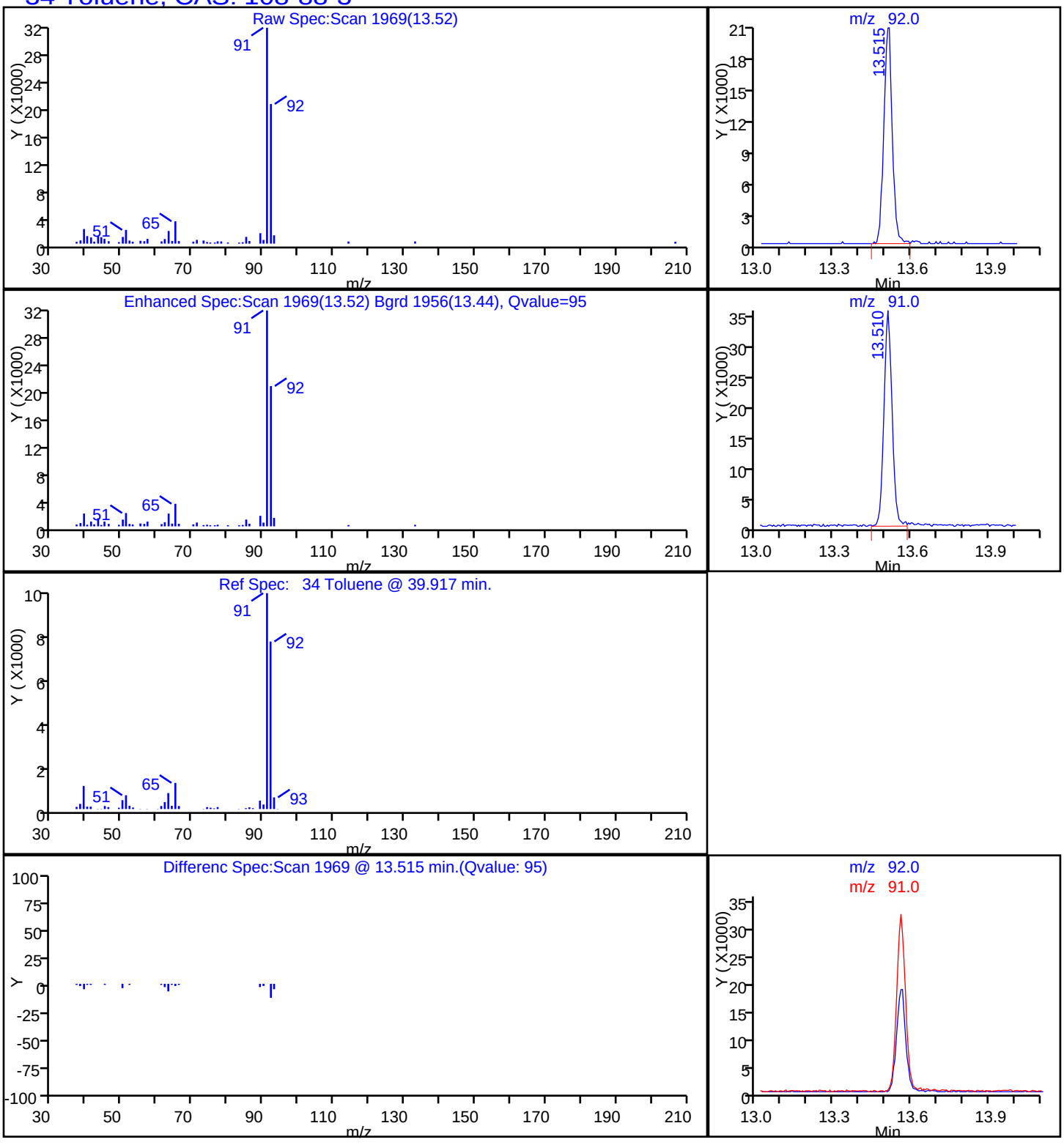
Report Date: 23-Apr-2014 14:58:27 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_022.D

Injection Date:	01-Apr-2014 03:33:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	22
Purge Vol:	500.000 mL	Dil. Factor:	15.2000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



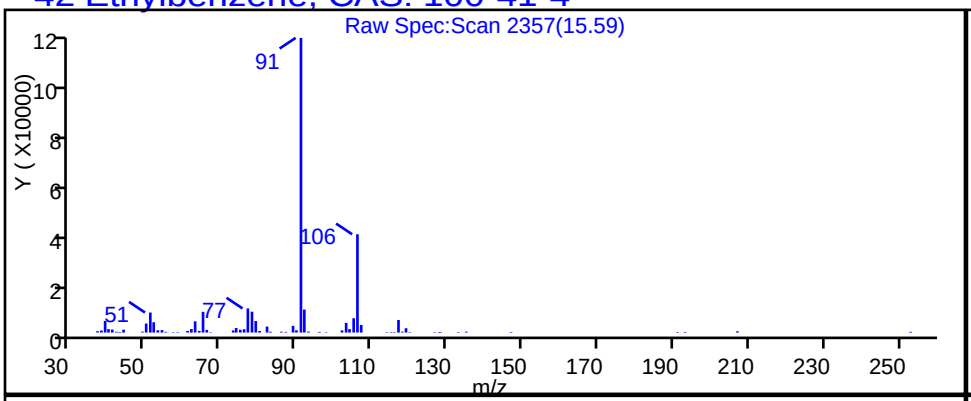
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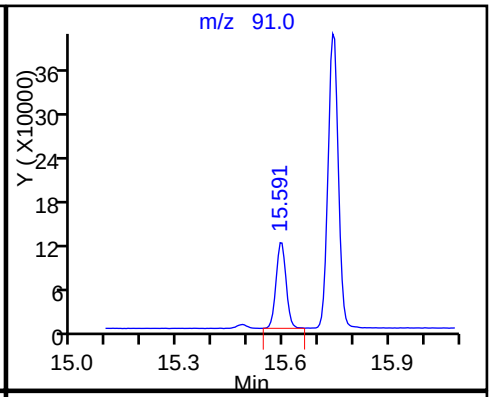
TestAmerica Burlington

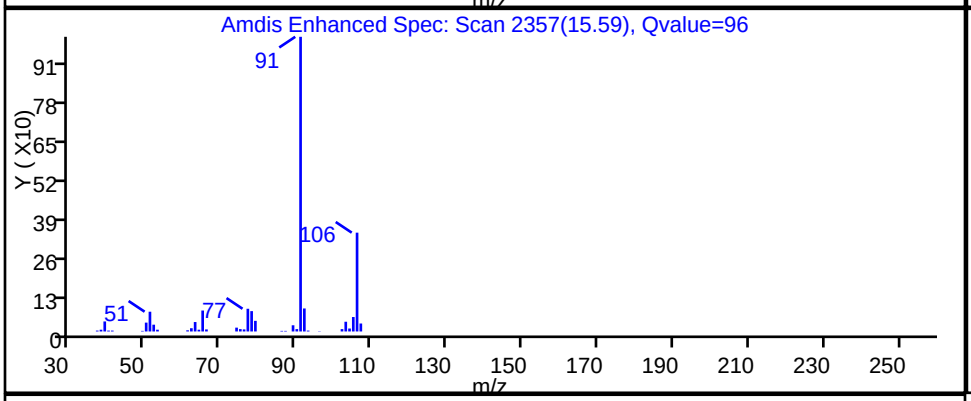
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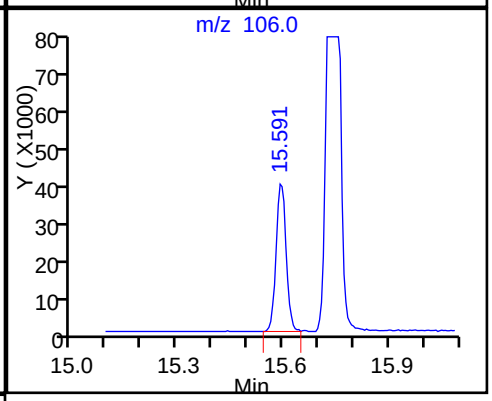
Injection Date:	01-Apr-2014 03:33:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	22
Purge Vol:	500.000 mL	Dil. Factor:	15.2000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

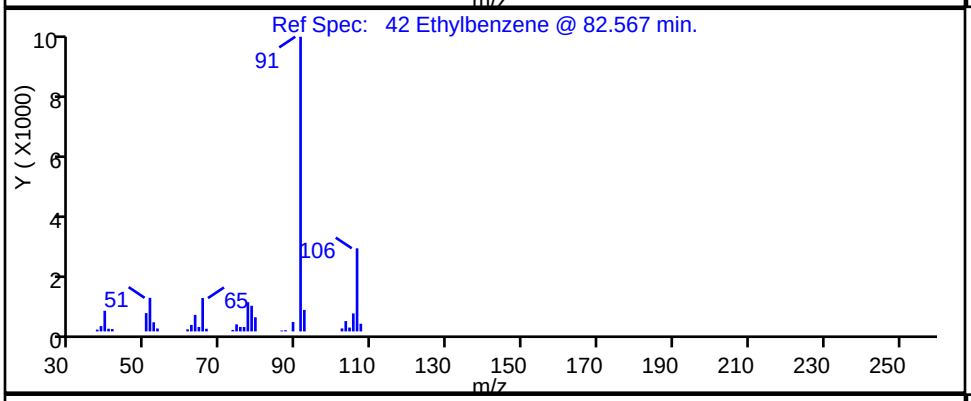
42 Ethylbenzene, CAS: 100-41-4

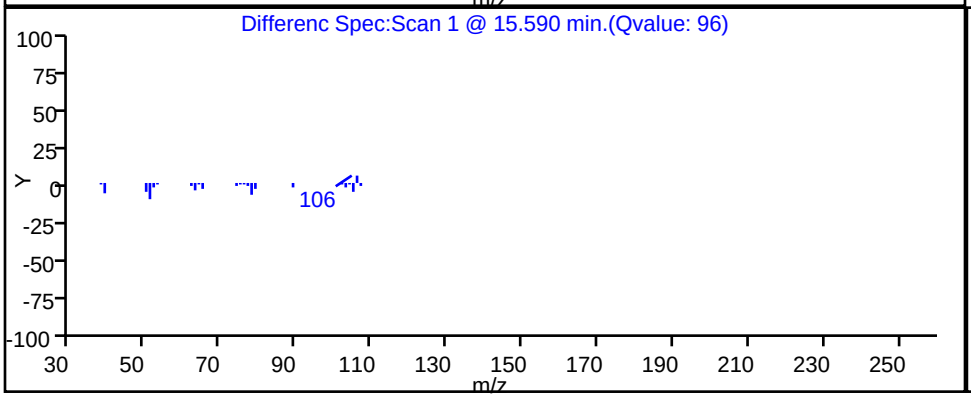


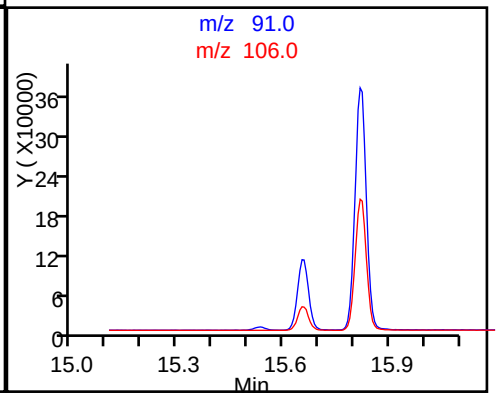












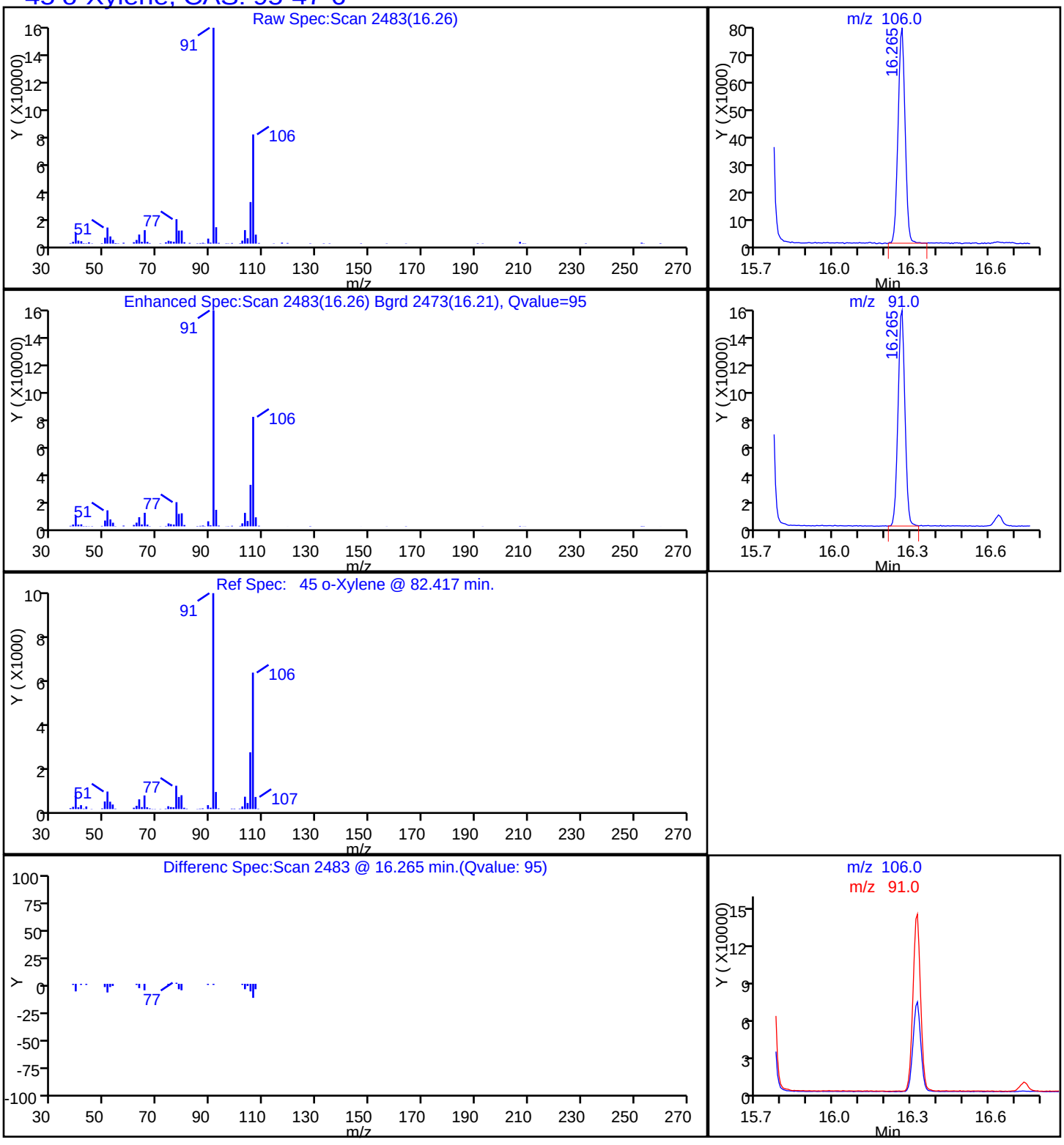
Report Date: 23-Apr-2014 14:58:27 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_022.D

Injection Date:	01-Apr-2014 03:33:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	22
Purge Vol:	500.000 mL	Dil. Factor:	15.2000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

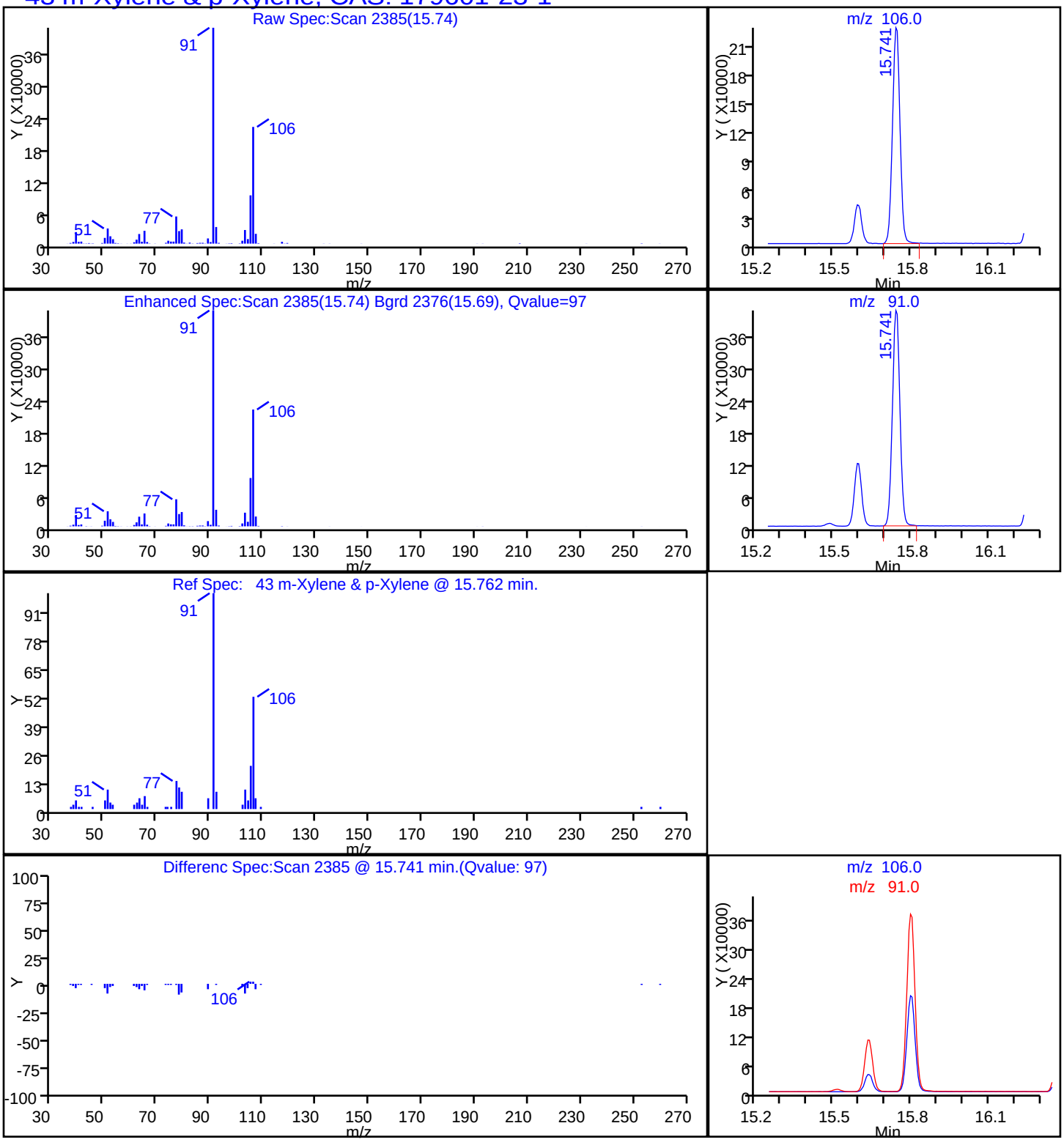
45 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_022.D				
Injection Date:	01-Apr-2014 03:33:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-2	Lab Sample ID:	200-21576-2		
Client ID:	RT-39-IA-032514				
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	22
Purge Vol:	500.000 mL	Dil. Factor:	15.2000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-40-IA-032514 Lab Sample ID: 200-21576-3

Matrix: Air Lab File ID: 6778_008.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:15

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 14:51

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.026		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.014		0.010	0.010
79-01-6	Trichloroethene	131.39	0.097		0.010	0.010
108-88-3	*Toluene*	*92.14*	*1.6*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.018		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.44		0.010	0.010
95-47-6	o-Xylene	106.17	0.59		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.026		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	1.8		0.020	0.020
1330-20-7	Xylenes, Total	106.17	2.4		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-40-IA-032514 Lab Sample ID: 200-21576-3

Matrix: Air Lab File ID: 6778_008.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:15

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 14:51

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.10		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.074		0.055	0.055
79-01-6	Trichloroethene	131.39	0.52		0.054	0.054
108-88-3	*Toluene*	*92.14*	*6.2*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.12		0.068	0.068
100-41-4	Ethylbenzene	106.17	1.9		0.043	0.043
95-47-6	o-Xylene	106.17	2.6		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.10		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	7.7		0.087	0.087
1330-20-7	Xylenes, Total	106.17	10		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D
Lims ID: 200-21576-A-3 Lab Sample ID: 200-21576-3
Client ID: RT-40-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 14:51:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-008
Misc. Info.: 21576-3
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 31-Mar-2014 15:42:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.336	7.336	0.000	75	40242	0.0982	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0263	
19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	27	11937	0.0263	
* 20 Chlorobromomethane	128	9.893	9.899	-0.006	77	1338378	2.00	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.000	31	11483	0.0135	
27 1,2-Dichloroethane	62	10.888	10.888	0.000	69	6020	0.0133	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7021008	2.00	
30 Trichloroethene	95	11.712	11.712	0.000	94	54395	0.0967	
34 Toluene	92	13.510	13.510	0.000	94	1430649	1.65	E
37 Tetrachloroethene	166	14.280	14.280	0.000	89	12237	0.0183	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	83	6194905	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	96	756203	0.4396	
43 m-Xylene & p-Xylene	106	15.740	15.746	-0.006	98	1188395	1.77	
S 44 Xylenes, Total	106				0		2.36	
45 o-Xylene	106	16.259	16.265	-0.006	95	391388	0.5941	
51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

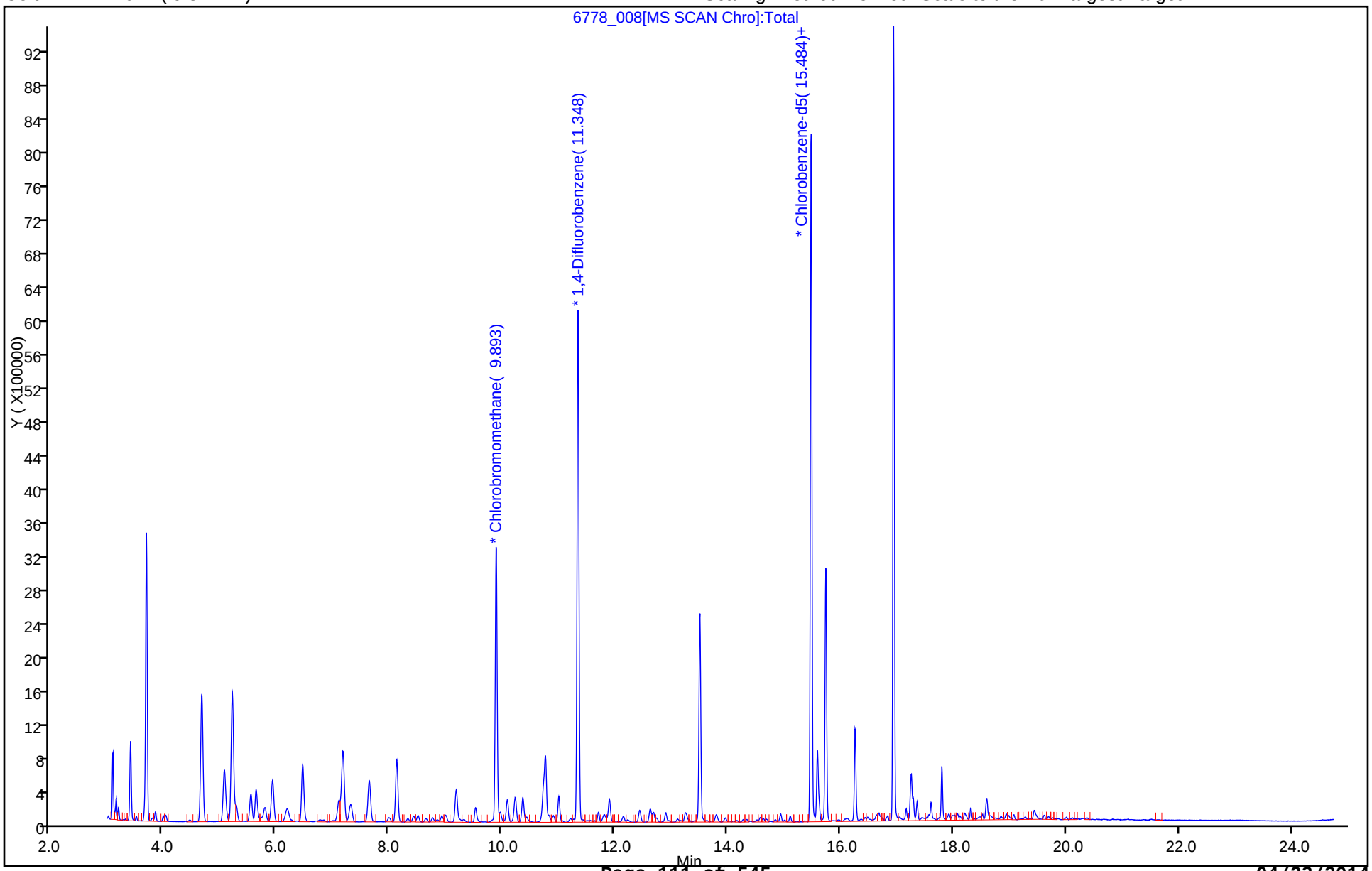
Report Date: 23-Apr-2014 14:50:48 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D

Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3	Worklist Smp#:	8
Client ID:	RT-40-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



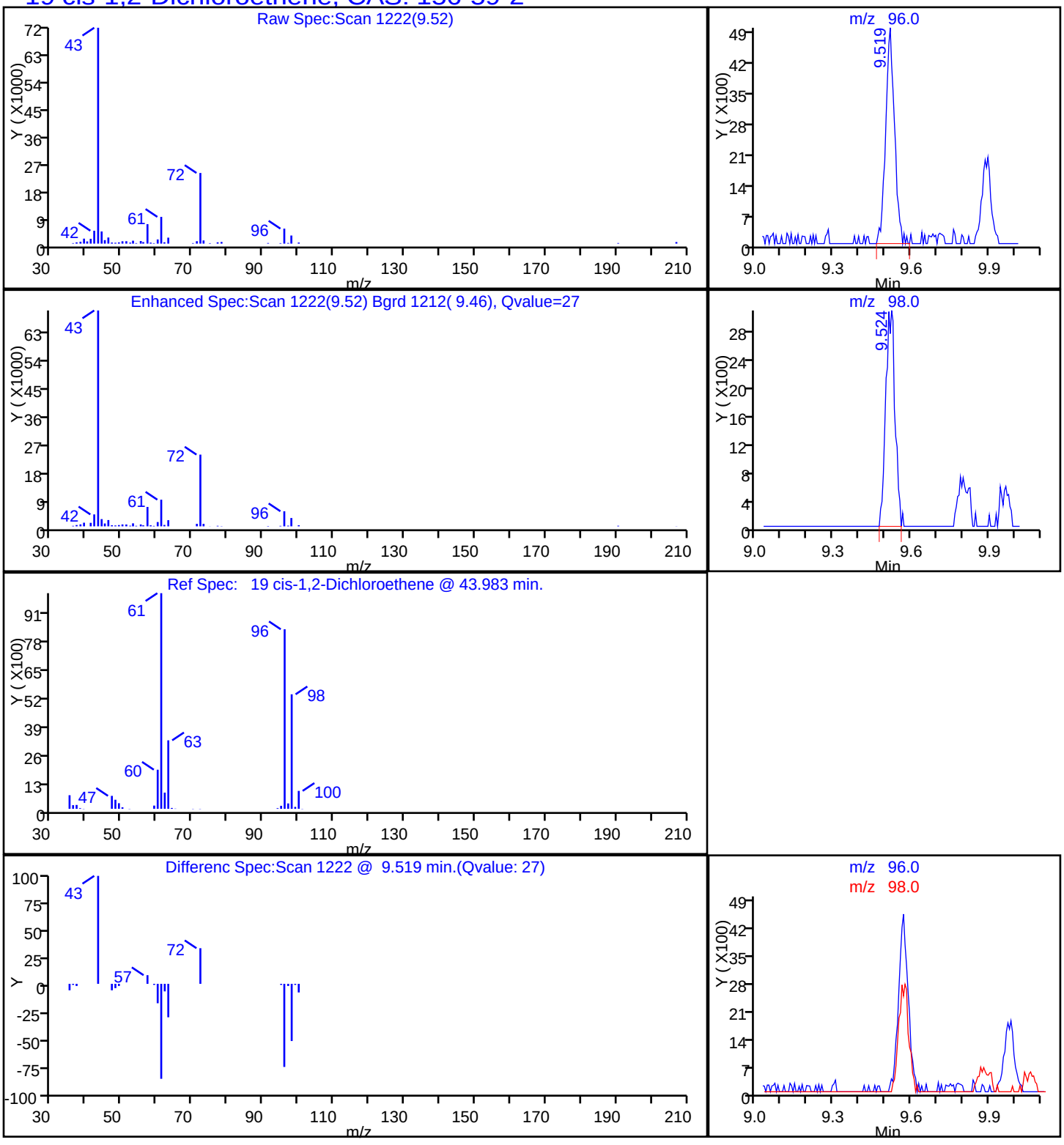
Report Date: 23-Apr-2014 14:50:48 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D

Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



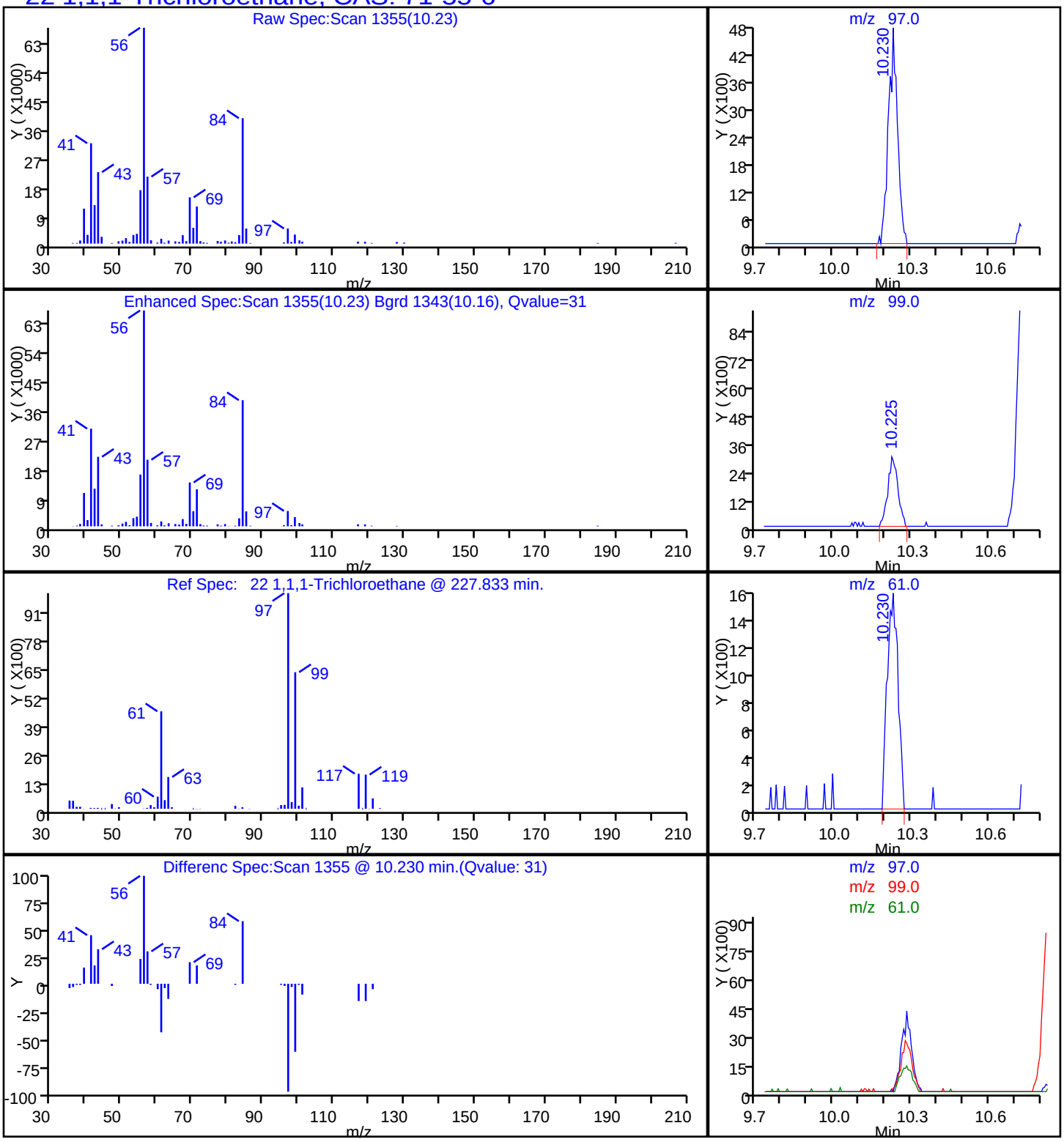
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TestAmerica Burlington

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Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 1,1,1-Trichloroethane, CAS: 71-55-6



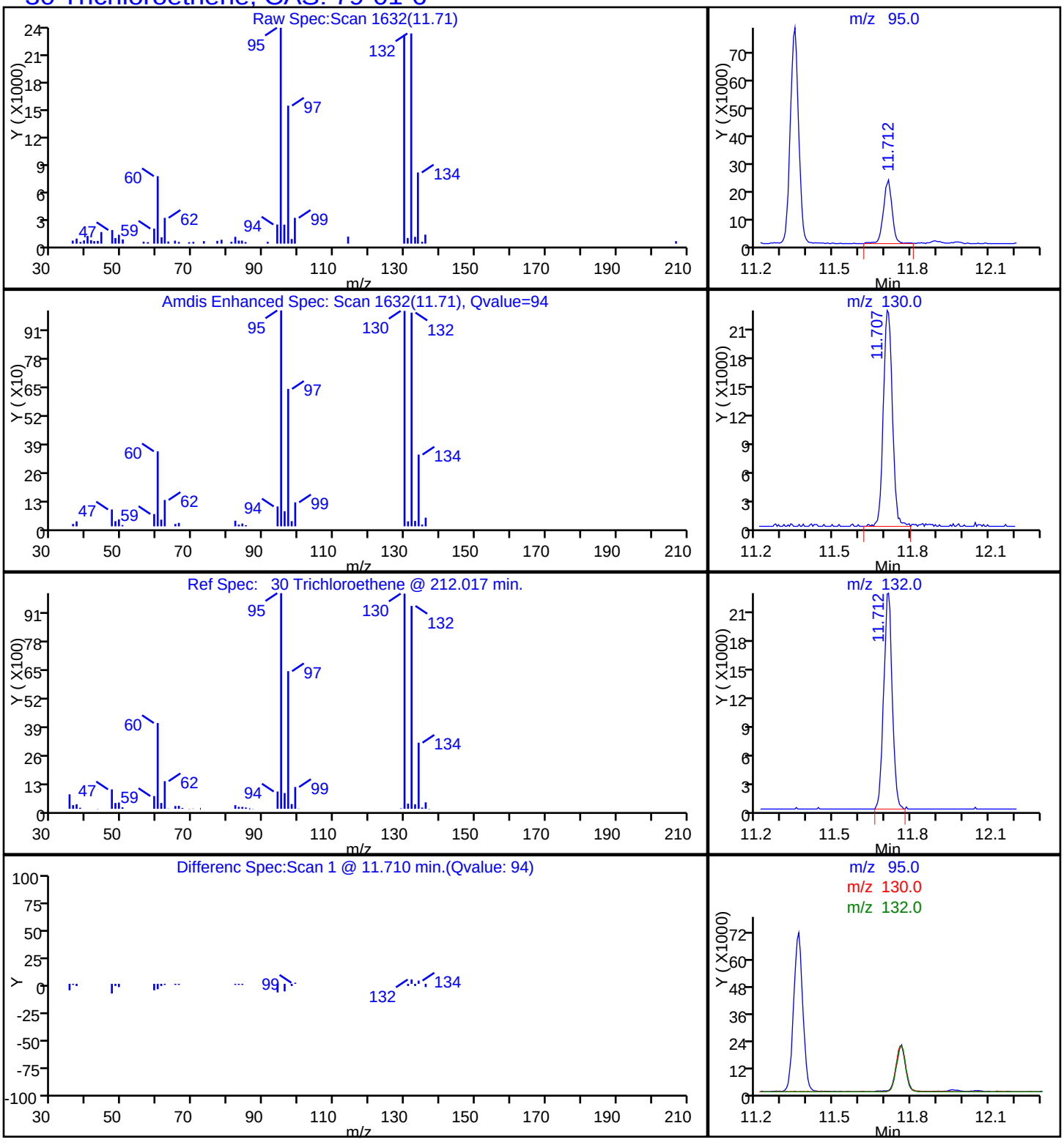
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D

Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3
Client ID:	RT-40-IA-032514		
Operator ID:	wrd	ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

30 Trichloroethene, CAS: 79-01-6



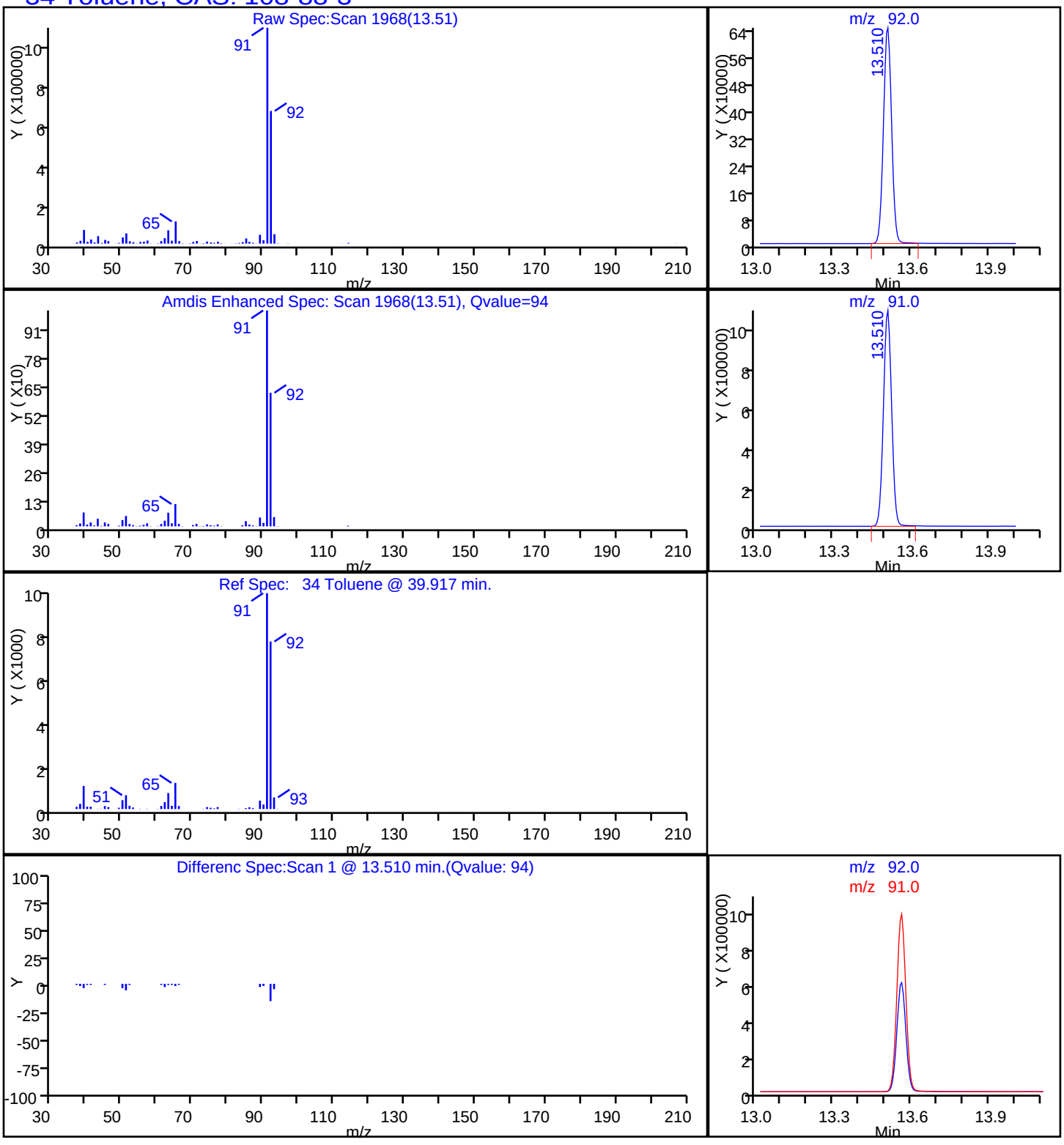
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D

Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



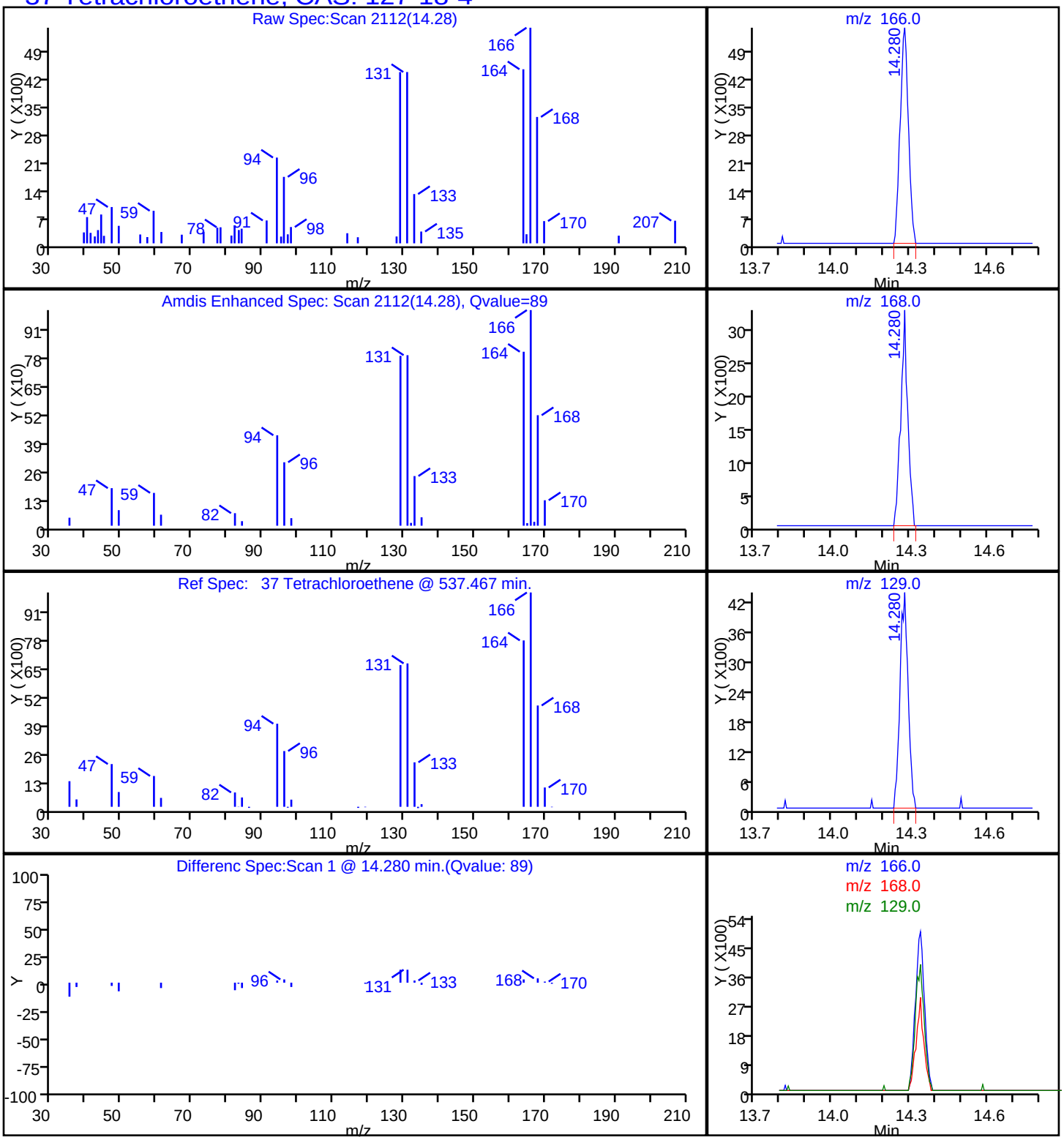
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D

Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 Tetrachloroethene, CAS: 127-18-4



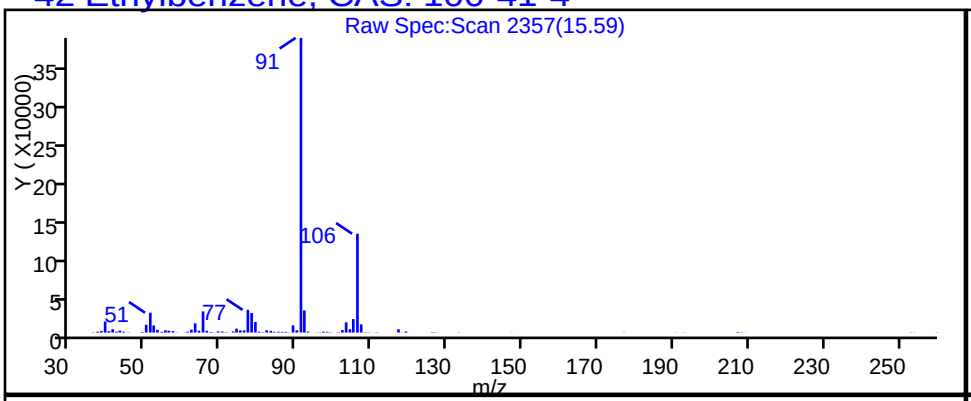
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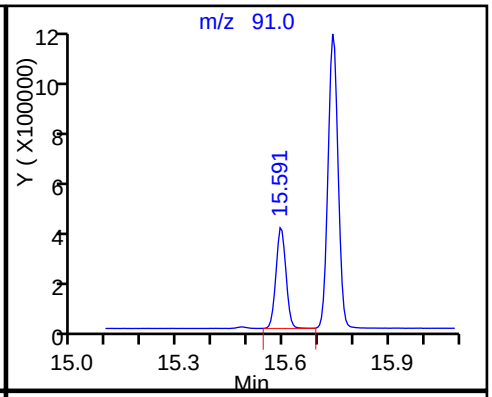
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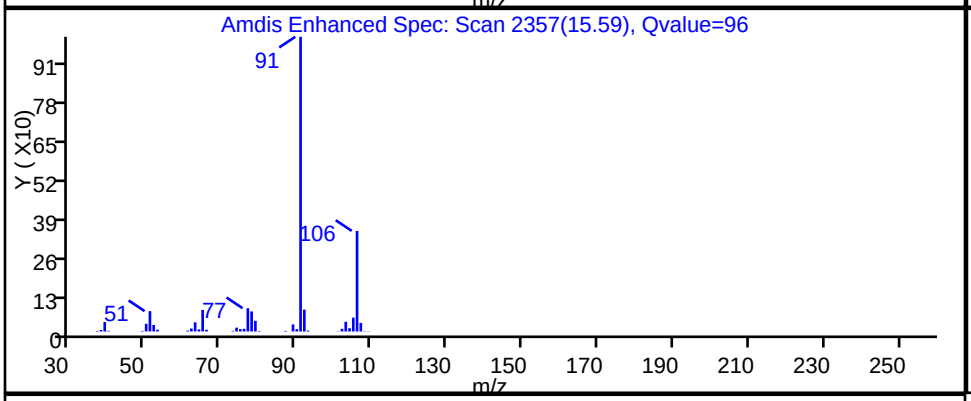
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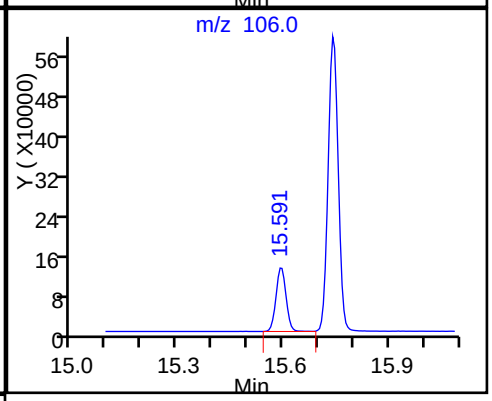
Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

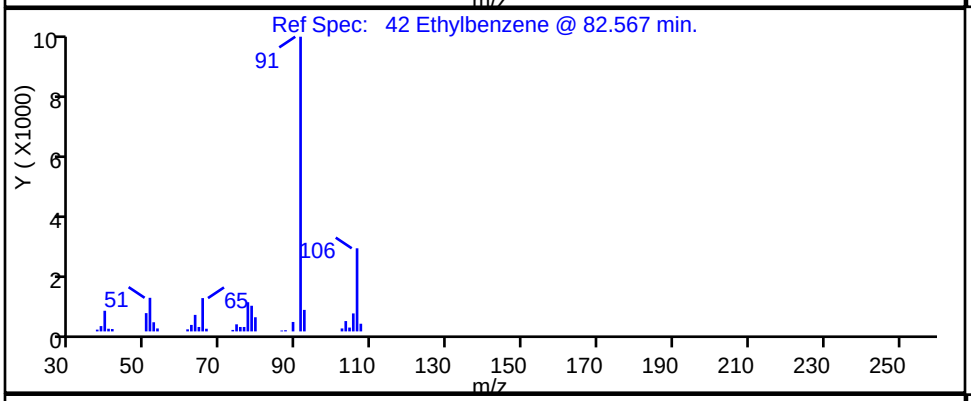
42 Ethylbenzene, CAS: 100-41-4

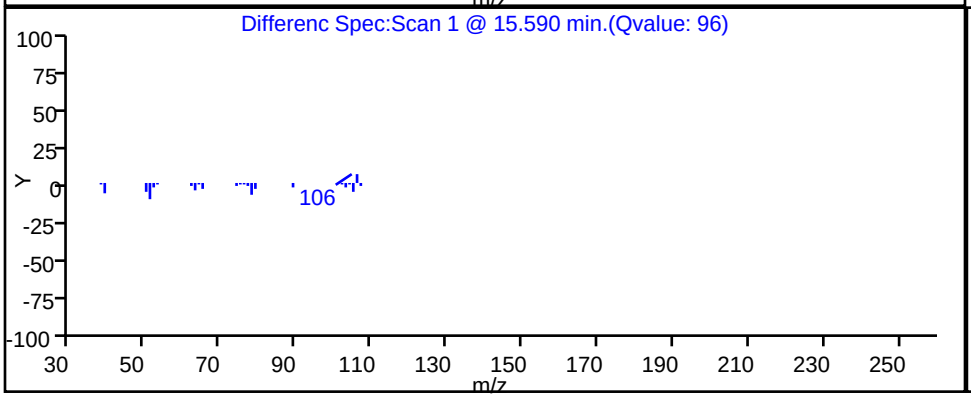


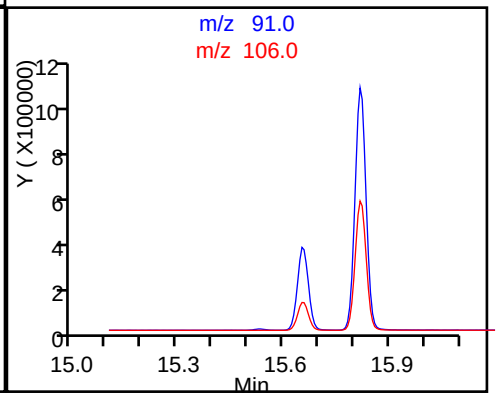












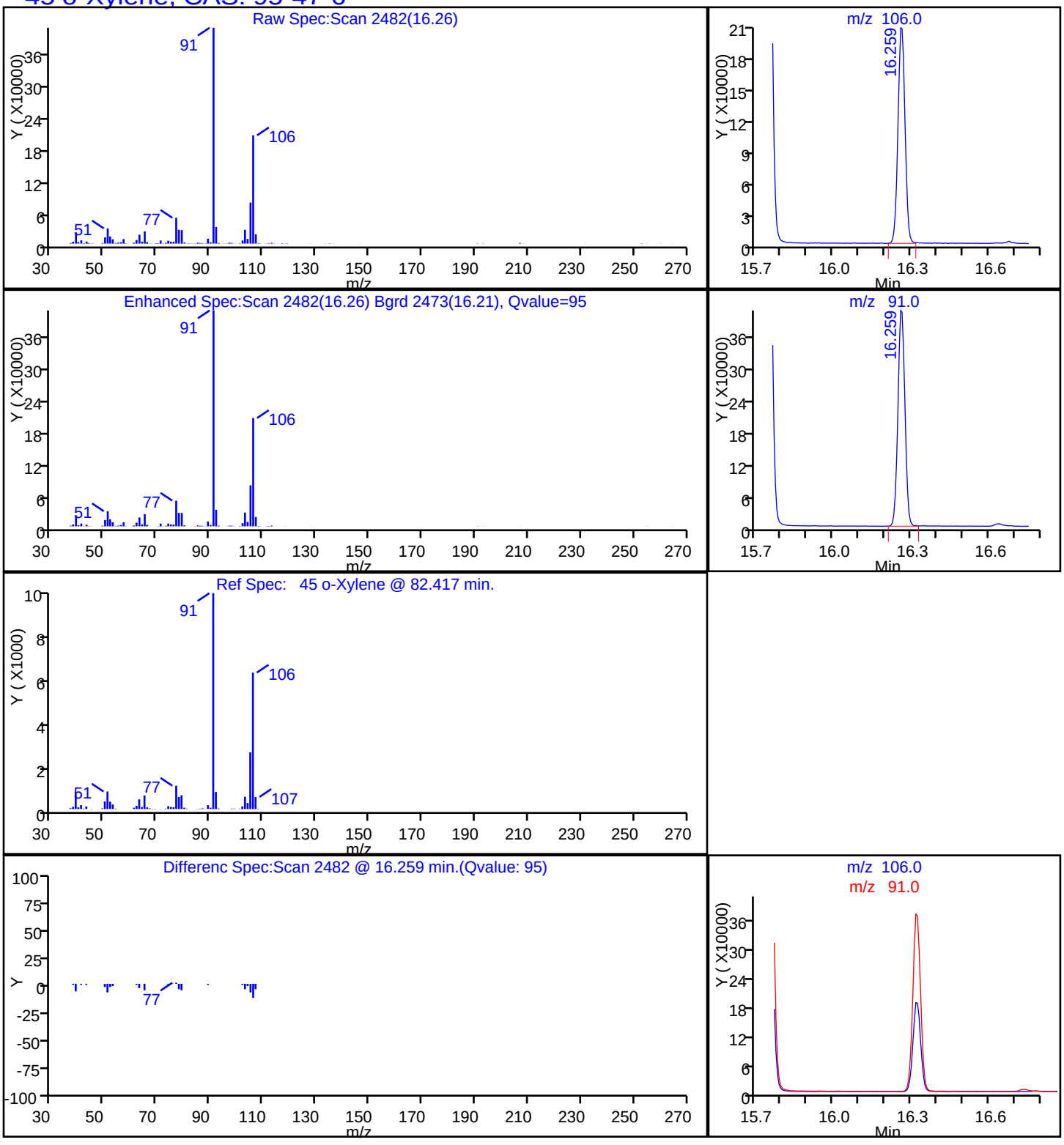
Report Date: 23-Apr-2014 14:50:48 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D

Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

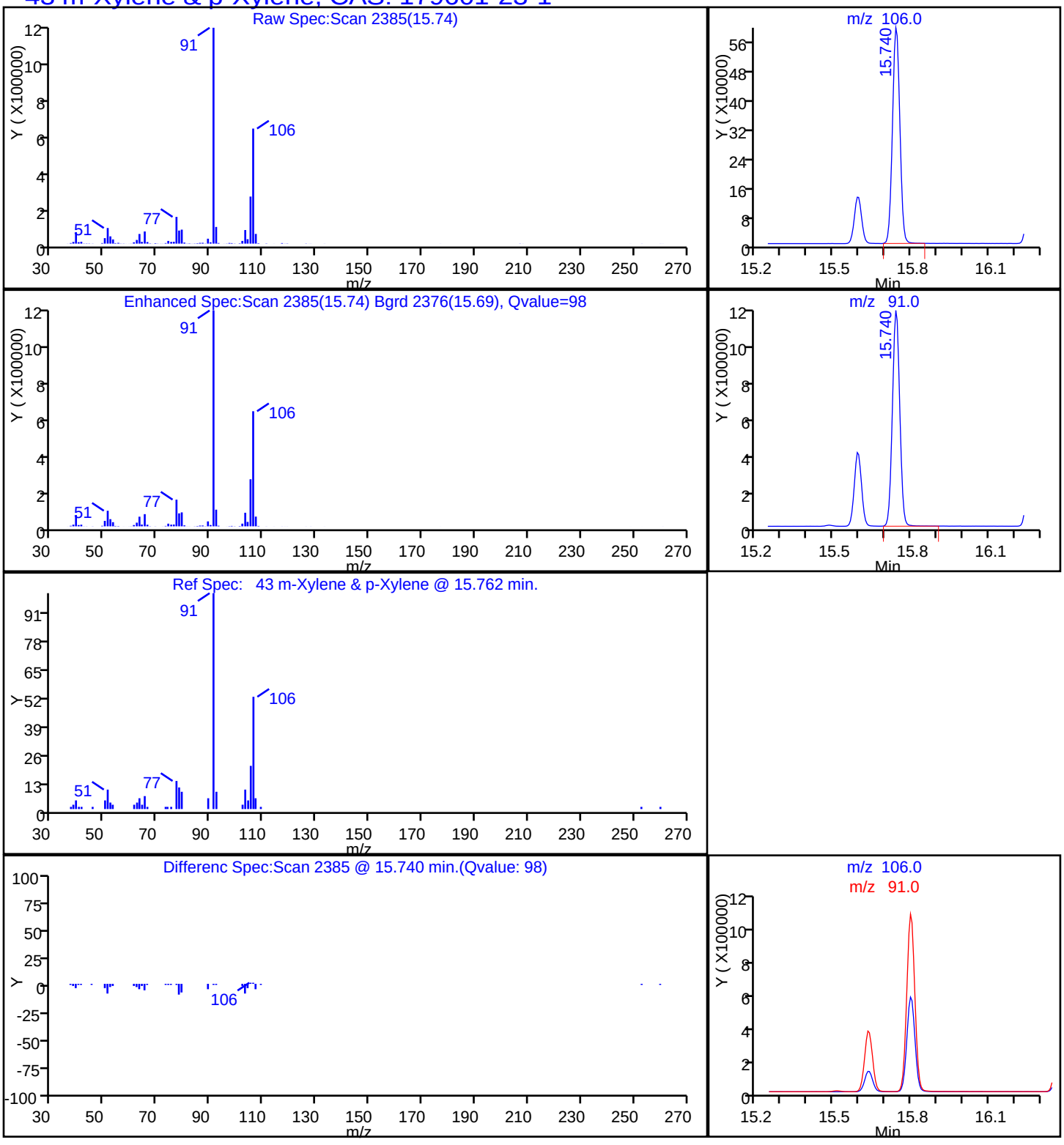
45 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_008.D				
Injection Date:	31-Mar-2014 14:51:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-40-IA-032514 DL Lab Sample ID: 200-21576-3 DL

Matrix: Air Lab File ID: 6778_023.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:15

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 04:27

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.050*	*U*	*0.050*	*0.050*
75-00-3	*Chloroethane*	*64.52*	*0.050*	*U*	*0.050*	*0.050*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-09-2	*Methylene Chloride*	*84.93*	*0.25*	*U*	*0.25*	*0.25*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.025*	*U*	*0.025*	*0.025*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.027*	*D*	*0.025*	*0.025*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.025*	*U*	*0.025*	*0.025*
79-01-6	*Trichloroethene*	*131.39*	*0.083*	*D*	*0.025*	*0.025*
108-88-3	Toluene	92.14	1.4	D	0.025	0.025
127-18-4	*Tetrachloroethene*	*165.83*	*0.025*	*U*	*0.025*	*0.025*
100-41-4	*Ethylbenzene*	*106.17*	*0.36*	*D*	*0.025*	*0.025*
95-47-6	*o-Xylene*	*106.17*	*0.47*	*D*	*0.025*	*0.025*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.027*	*D*	*0.025*	*0.025*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*1.4*	*D*	*0.050*	*0.050*
1330-20-7	*Xylenes, Total*	*106.17*	*1.9*	*D*	*0.025*	*0.025*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.050*	*U*	*0.050*	*0.050*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-40-IA-032514 DL Lab Sample ID: 200-21576-3 DL

Matrix: Air Lab File ID: 6778_023.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:15

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 04:27

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.13*	*U*	*0.13*	*0.13*
75-00-3	*Chloroethane*	*64.52*	*0.13*	*U*	*0.13*	*0.13*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-09-2	*Methylene Chloride*	*84.93*	*0.87*	*U*	*0.87*	*0.87*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.10*	*U*	*0.10*	*0.10*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.11*	*D*	*0.099*	*0.099*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.14*	*U*	*0.14*	*0.14*
79-01-6	*Trichloroethene*	*131.39*	*0.45*	*D*	*0.13*	*0.13*
108-88-3	Toluene	92.14	5.1	D	0.094	0.094
127-18-4	*Tetrachloroethene*	*165.83*	*0.17*	*U*	*0.17*	*0.17*
100-41-4	*Ethylbenzene*	*106.17*	*1.5*	*D*	*0.11*	*0.11*
95-47-6	*o-Xylene*	*106.17*	*2.0*	*D*	*0.11*	*0.11*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.11*	*D*	*0.099*	*0.099*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*6.1*	*D*	*0.22*	*0.22*
1330-20-7	*Xylenes, Total*	*106.17*	*8.1*	*D*	*0.11*	*0.11*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.20*	*U*	*0.20*	*0.20*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D
Lims ID: 200-21576-A-3 Lab Sample ID: 200-21576-3
Client ID: RT-40-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 04:27:30 ALS Bottle#: 7 Worklist Smp#: 23
Purge Vol: 500.000 mL Dil. Factor: 2.5000
Sample Info: 200-0006778-023
Misc. Info.: 21576-3
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:22:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.331	7.336	-0.005	77	21395	0.0515	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0108	
19 cis-1,2-Dichloroethene	96	9.529	9.524	0.005	66	4953	0.0108	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	77	1355123	2.00	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.000	16	4373	0.005098	
27 1,2-Dichloroethane	62	10.888	10.888	0.000	47	2104	0.004588	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7105556	2.00	
30 Trichloroethene	95	11.707	11.712	-0.005	90	18953	0.0333	
34 Toluene	92	13.510	13.510	0.000	94	477311	0.5411	
37 Tetrachloroethene	166	14.280	14.280	0.000	71	4009	0.005893	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6285567	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	97	249035	0.1427	
43 m-Xylene & p-Xylene	106	15.740	15.746	-0.006	96	381834	0.5601	
S 44 Xylenes, Total	106				0		0.7488	
45 o-Xylene	106	16.265	16.265	0.000	95	126096	0.1886	
51 BFB								

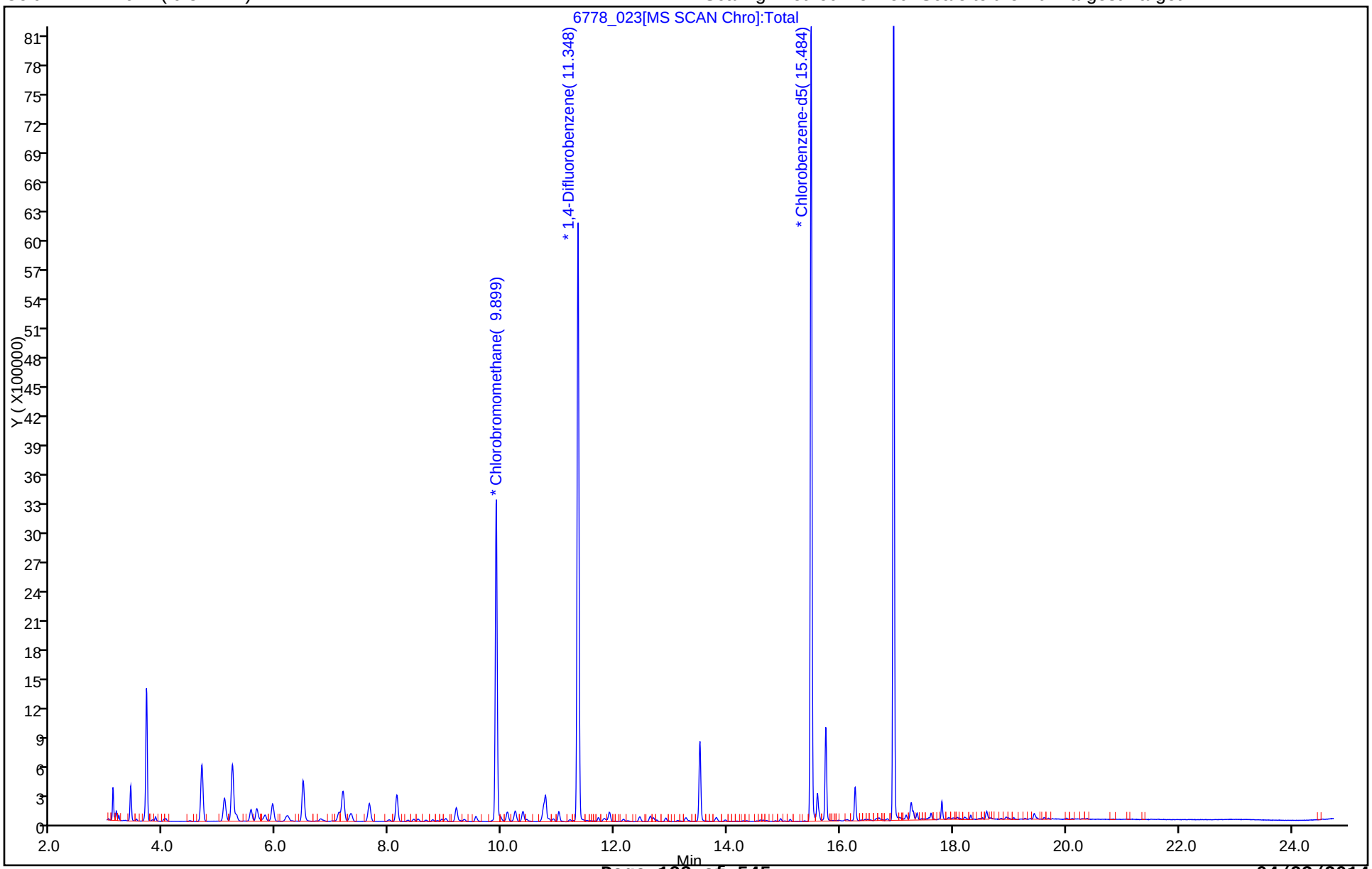
Report Date: 23-Apr-2014 14:58:32 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D

Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3	Worklist Smp#:	23
Client ID:	RT-40-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	2.5000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



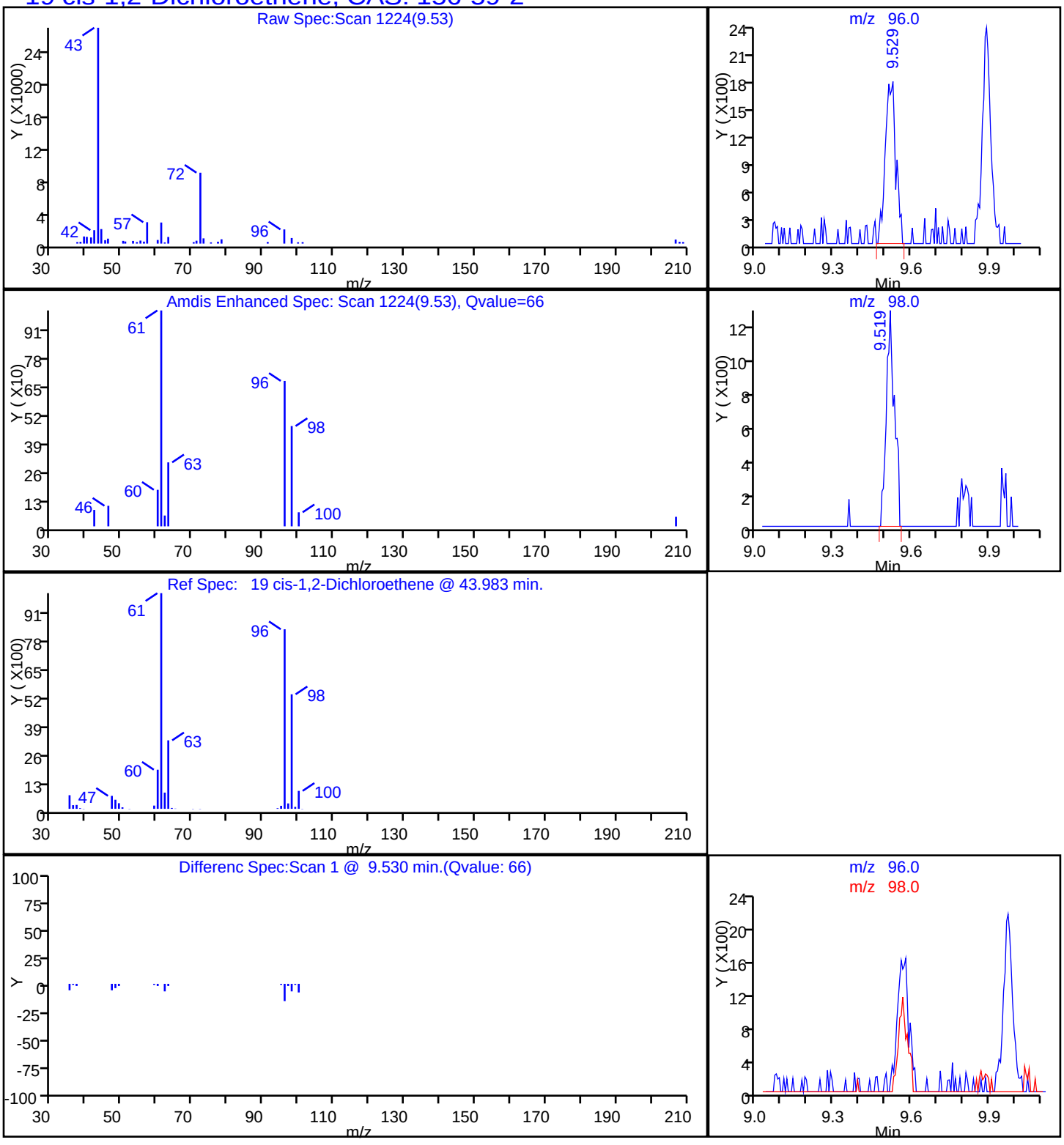
Report Date: 23-Apr-2014 14:58:32 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D

Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	23
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



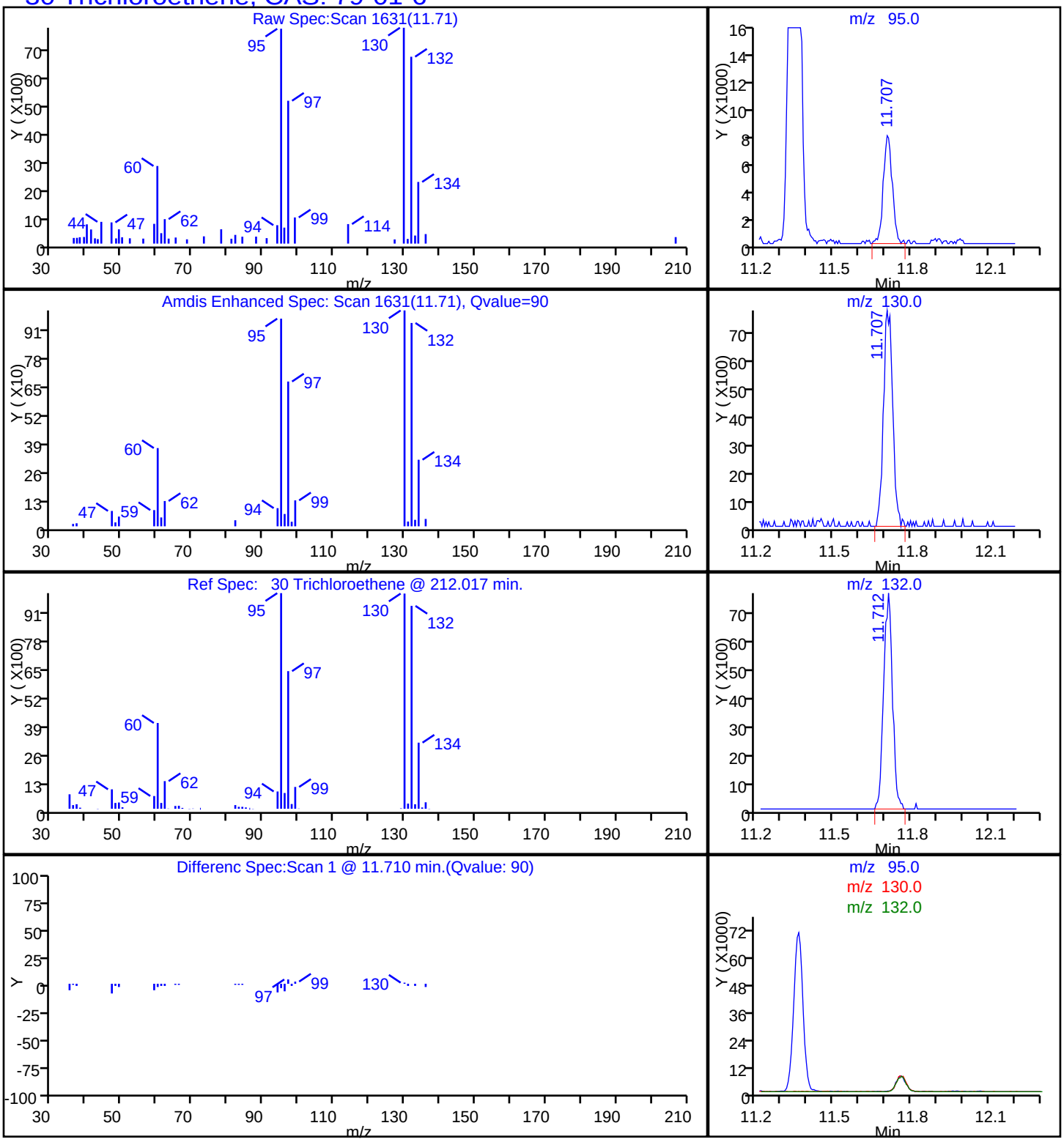
Report Date: 23-Apr-2014 14:58:32 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D

Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	23
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



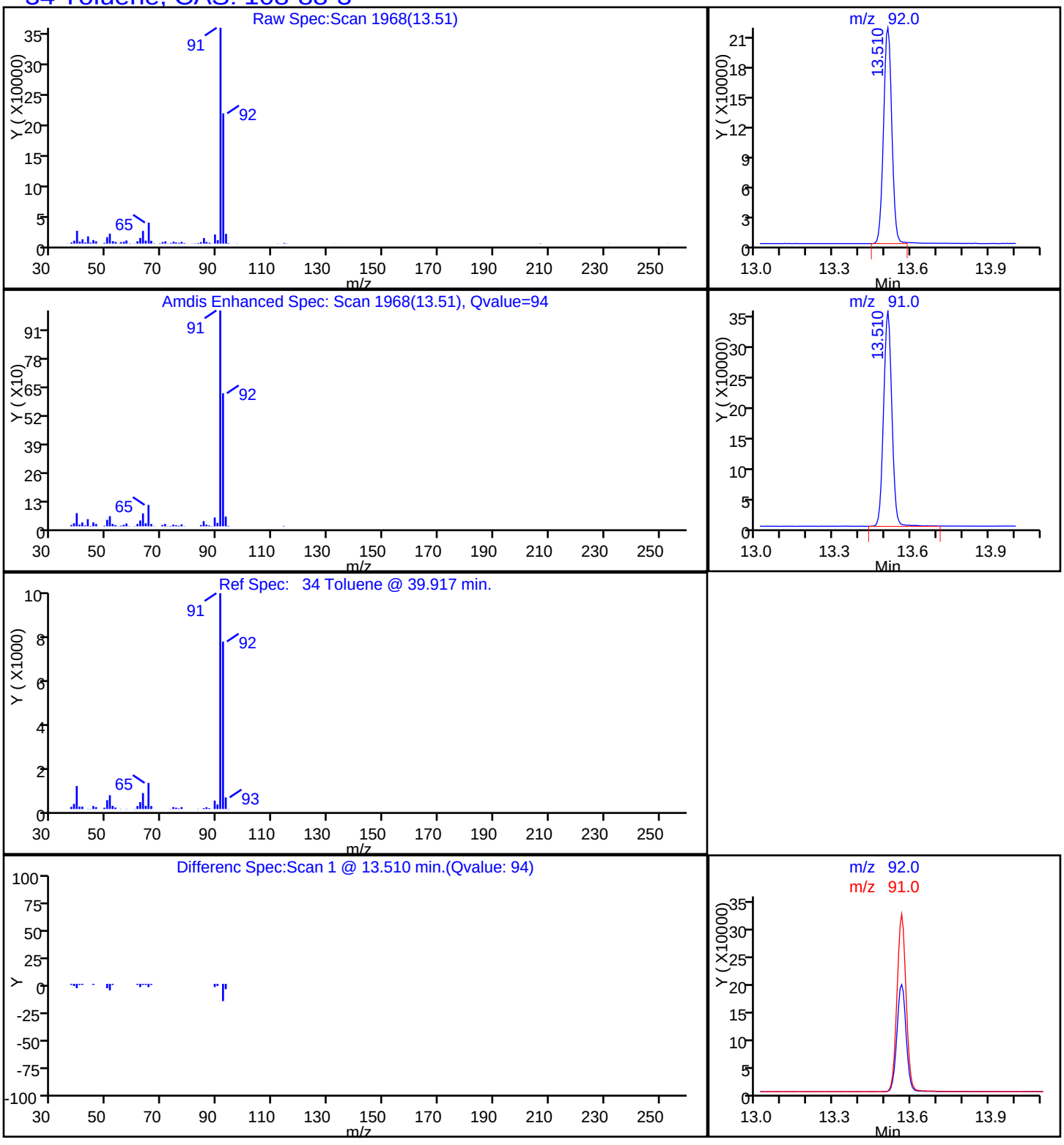
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D

Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	23
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



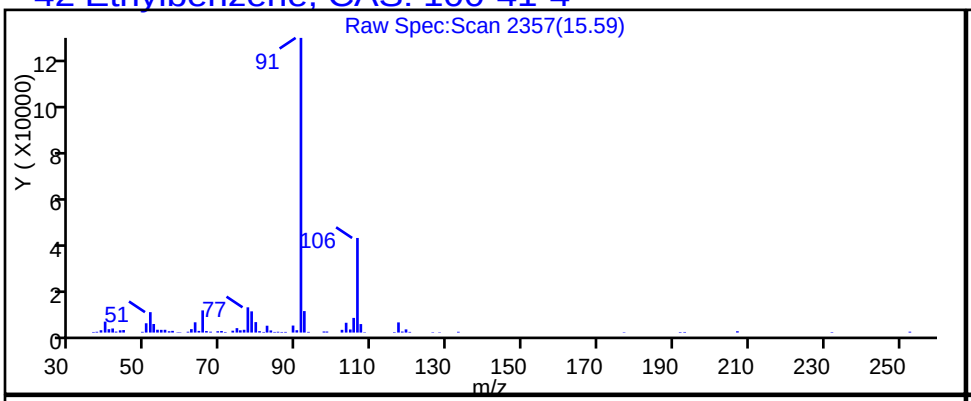
Report Date: 23-Apr-2014 14:58:32 Chrom Revision: 2.2 14-Apr-2014 13:40:08

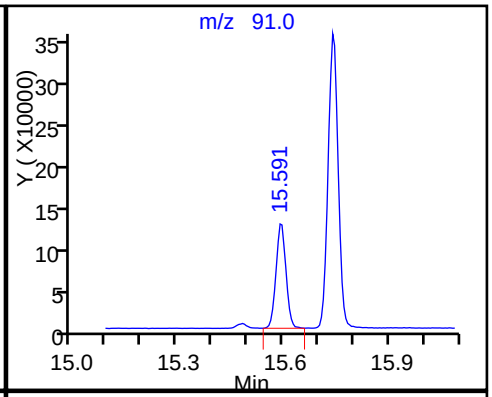
TestAmerica Burlington

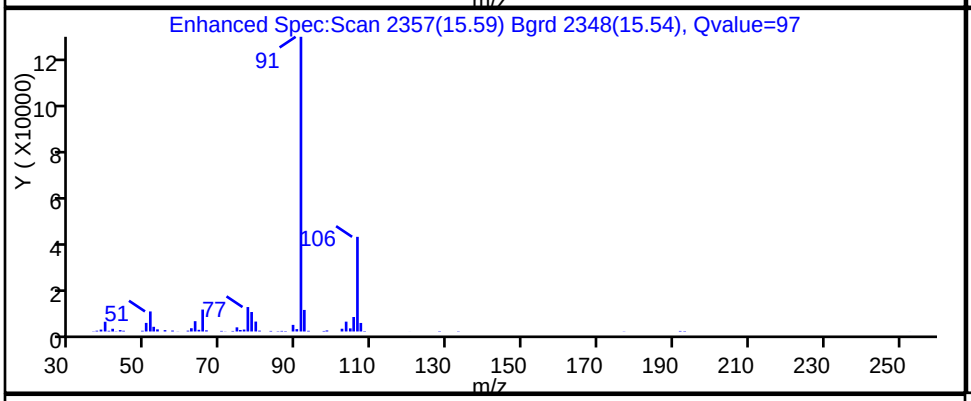
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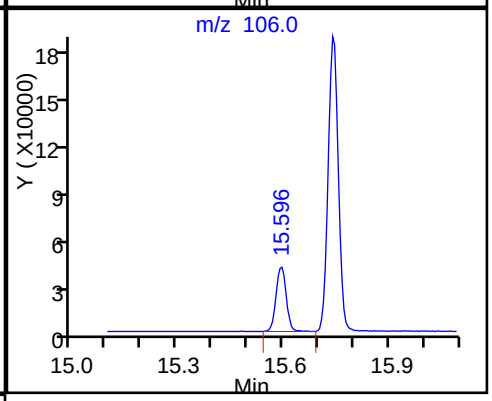
Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	23
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

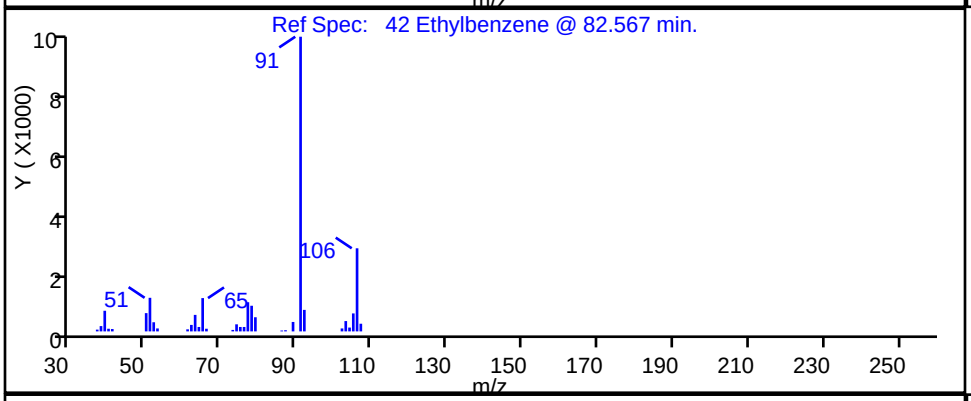
42 Ethylbenzene, CAS: 100-41-4

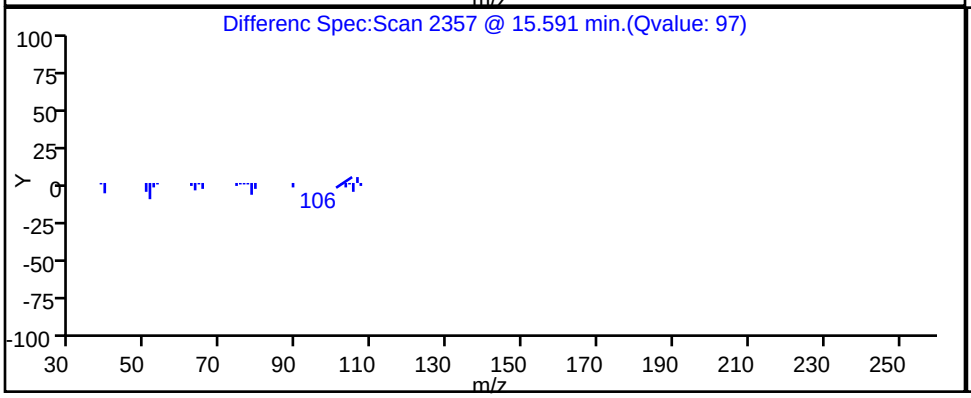


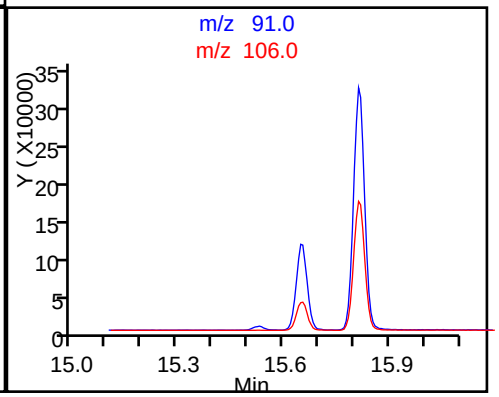










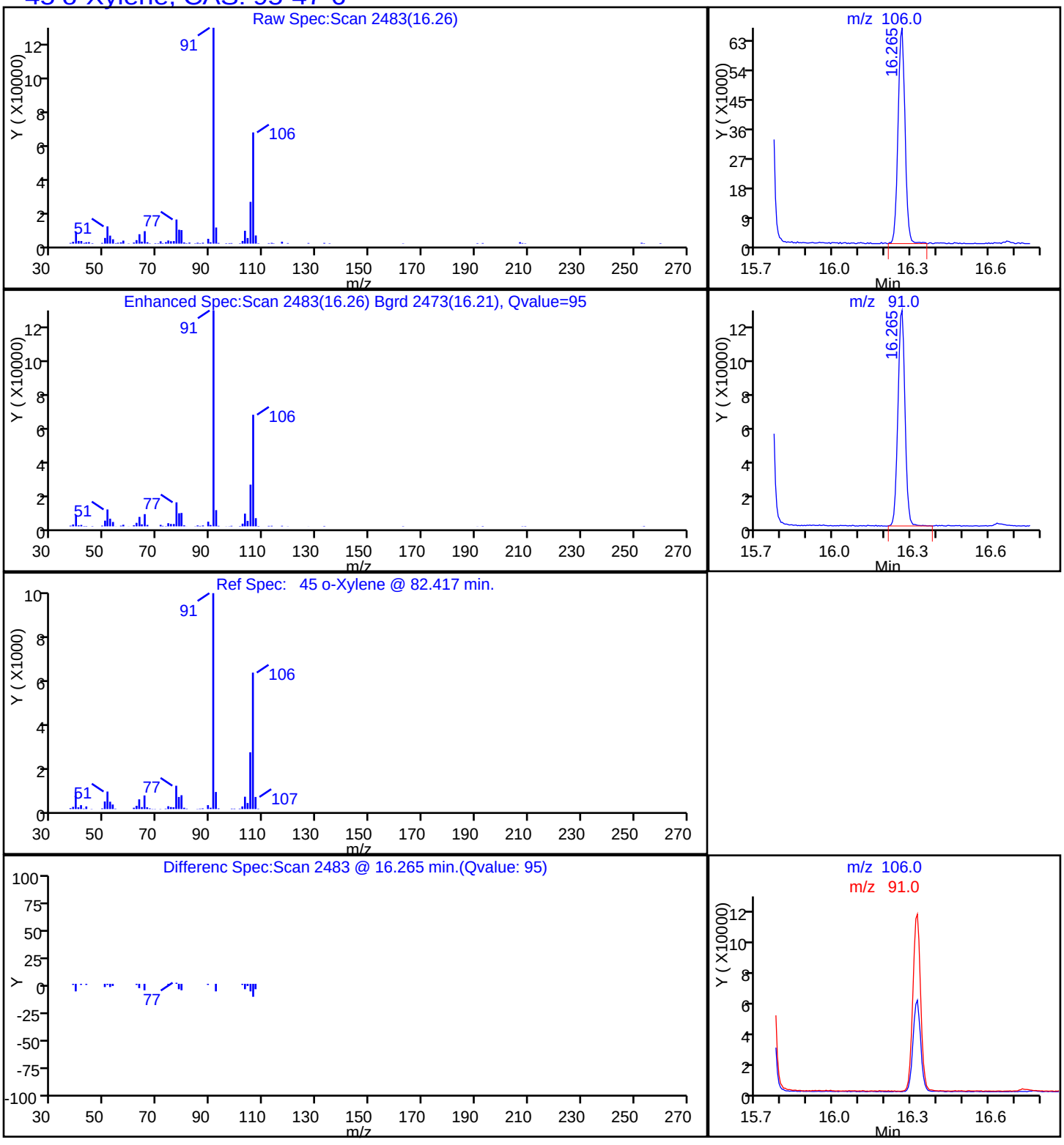


Report Date: 23-Apr-2014 14:58:32 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D				
Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	23
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6

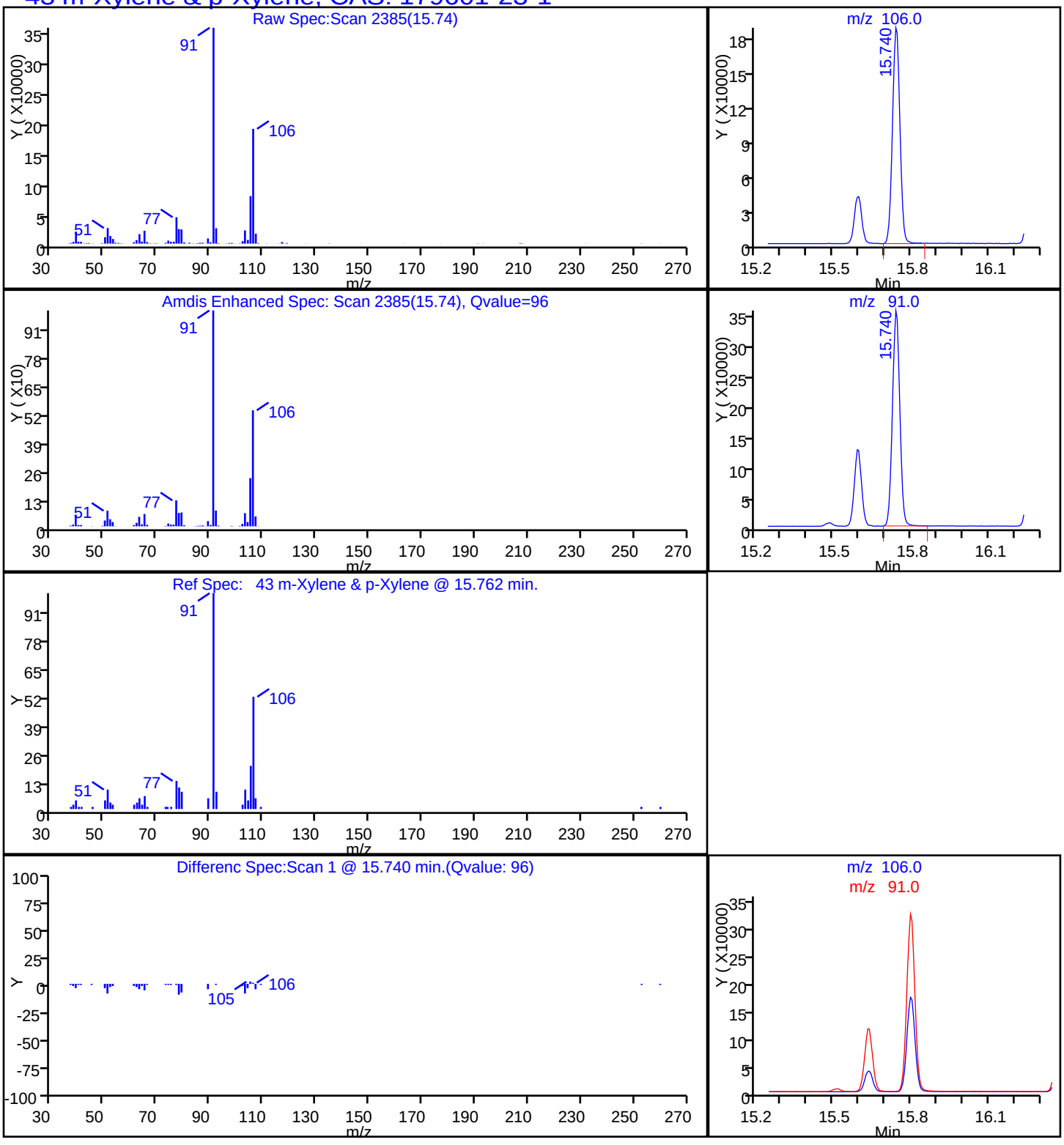


Report Date: 23-Apr-2014 14:58:32 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_023.D				
Injection Date:	01-Apr-2014 04:27:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-3	Lab Sample ID:	200-21576-3		
Client ID:	RT-40-IA-032514				
Operator ID:	wrd	ALS Bottle#:	7	Worklist Smp#:	23
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-41-IA-032514 Lab Sample ID: 200-21576-4

Matrix: Air Lab File ID: 6778_009.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:40

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 15:46

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.088		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.033		0.010	0.010
79-01-6	Trichloroethene	131.39	0.14		0.010	0.010
108-88-3	*Toluene*	*92.14*	*1.4*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.020		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.42		0.010	0.010
95-47-6	o-Xylene	106.17	0.55		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.088		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	1.6		0.020	0.020
1330-20-7	Xylenes, Total	106.17	2.2		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-41-IA-032514 Lab Sample ID: 200-21576-4

Matrix: Air Lab File ID: 6778_009.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:40

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 15:46

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.35		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.18		0.055	0.055
79-01-6	Trichloroethene	131.39	0.73		0.054	0.054
108-88-3	*Toluene*	*92.14*	*5.3*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.14		0.068	0.068
100-41-4	Ethylbenzene	106.17	1.8		0.043	0.043
95-47-6	o-Xylene	106.17	2.4		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.35		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	7.1		0.087	0.087
1330-20-7	Xylenes, Total	106.17	9.5		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D
Lims ID: 200-21576-A-4 Lab Sample ID: 200-21576-4
Client ID: RT-41-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 15:46:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-009
Misc. Info.: 21576-4
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 31-Mar-2014 16:54:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.336	7.336	0.000	72	36624	0.0866	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0880	
19 cis-1,2-Dichloroethene	96	9.524	9.524	0.000	99	41258	0.0880	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	76	1380212	2.00	
22 1,1,1-Trichloroethane	97	10.236	10.230	0.006	39	28659	0.0332	
27 1,2-Dichloroethane	62	10.883	10.888	-0.005	45	6068	0.0131	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7157578	2.00	
30 Trichloroethene	95	11.712	11.712	0.000	92	78315	0.1366	
34 Toluene	92	13.510	13.510	0.000	93	1285717	1.41	E
37 Tetrachloroethene	166	14.275	14.280	-0.005	92	14192	0.0202	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6490733	2.00	
42 Ethylbenzene	91	15.596	15.596	0.000	96	754405	0.4186	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	97	1158791	1.65	
S 44 Xylenes, Total	106				0		2.20	
45 o-Xylene	106	16.265	16.265	0.000	95	381500	0.5527	
51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

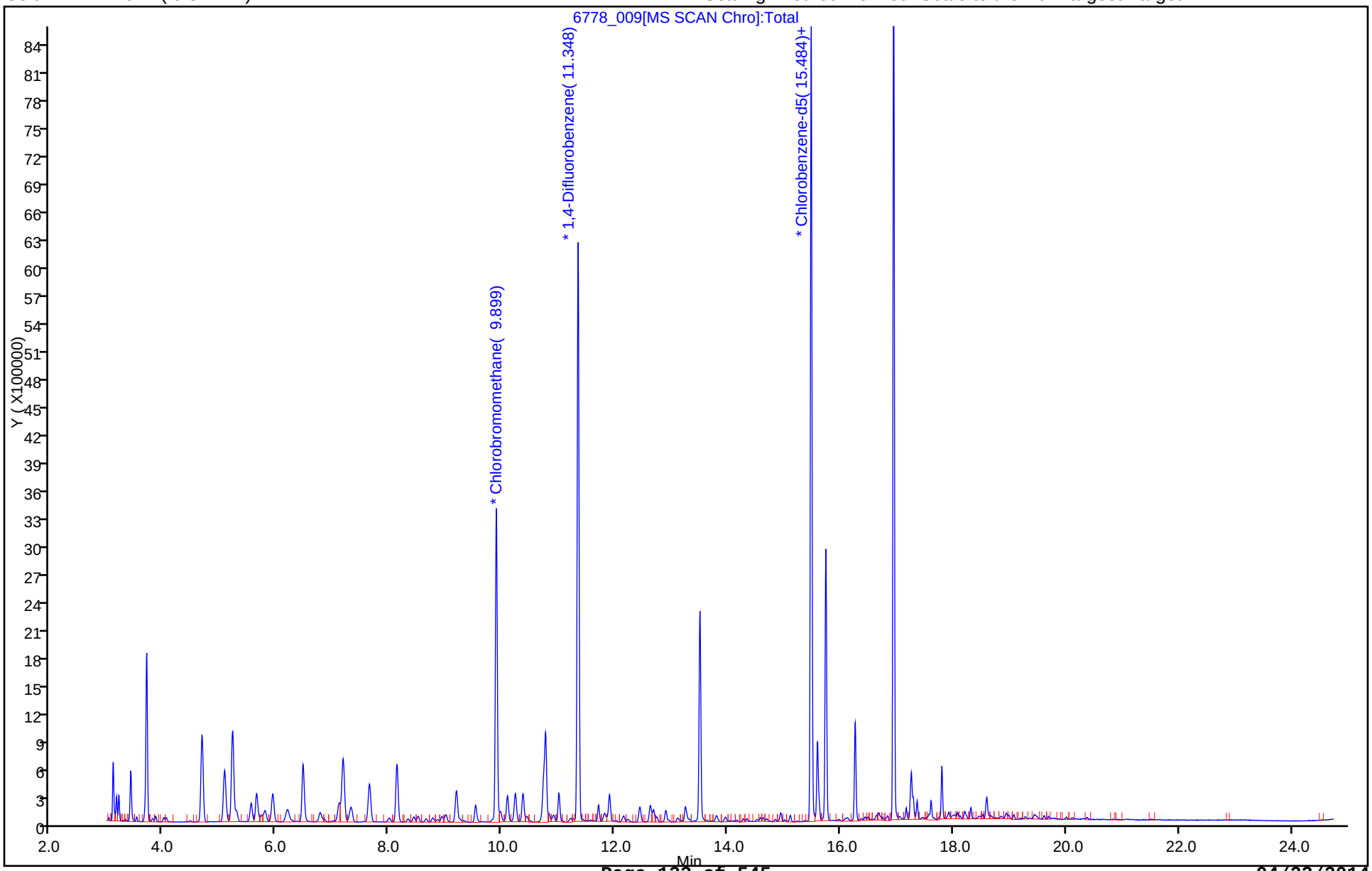
Report Date: 23-Apr-2014 14:51:12 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4	Worklist Smp#:	9
Client ID:	RT-41-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



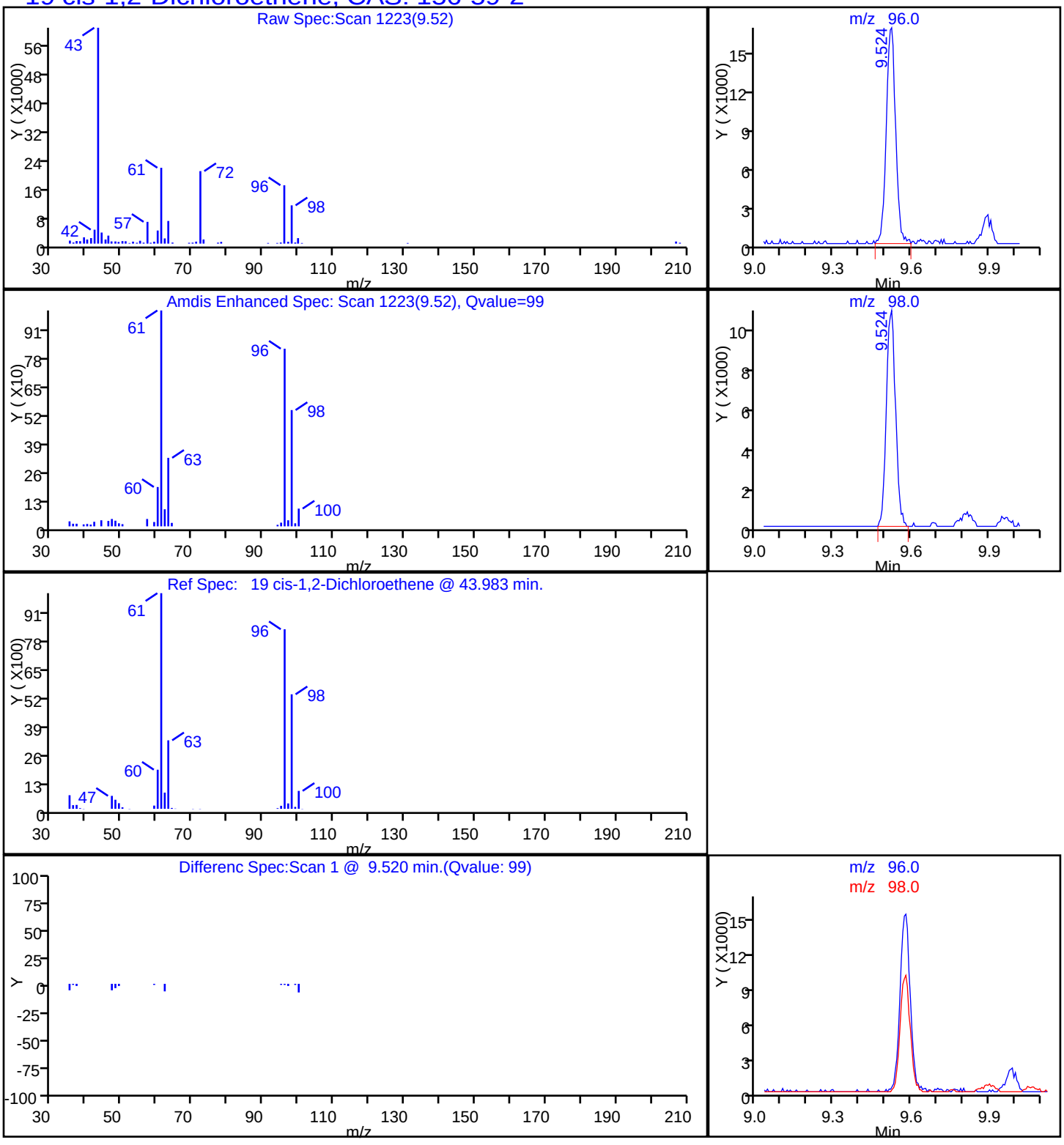
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



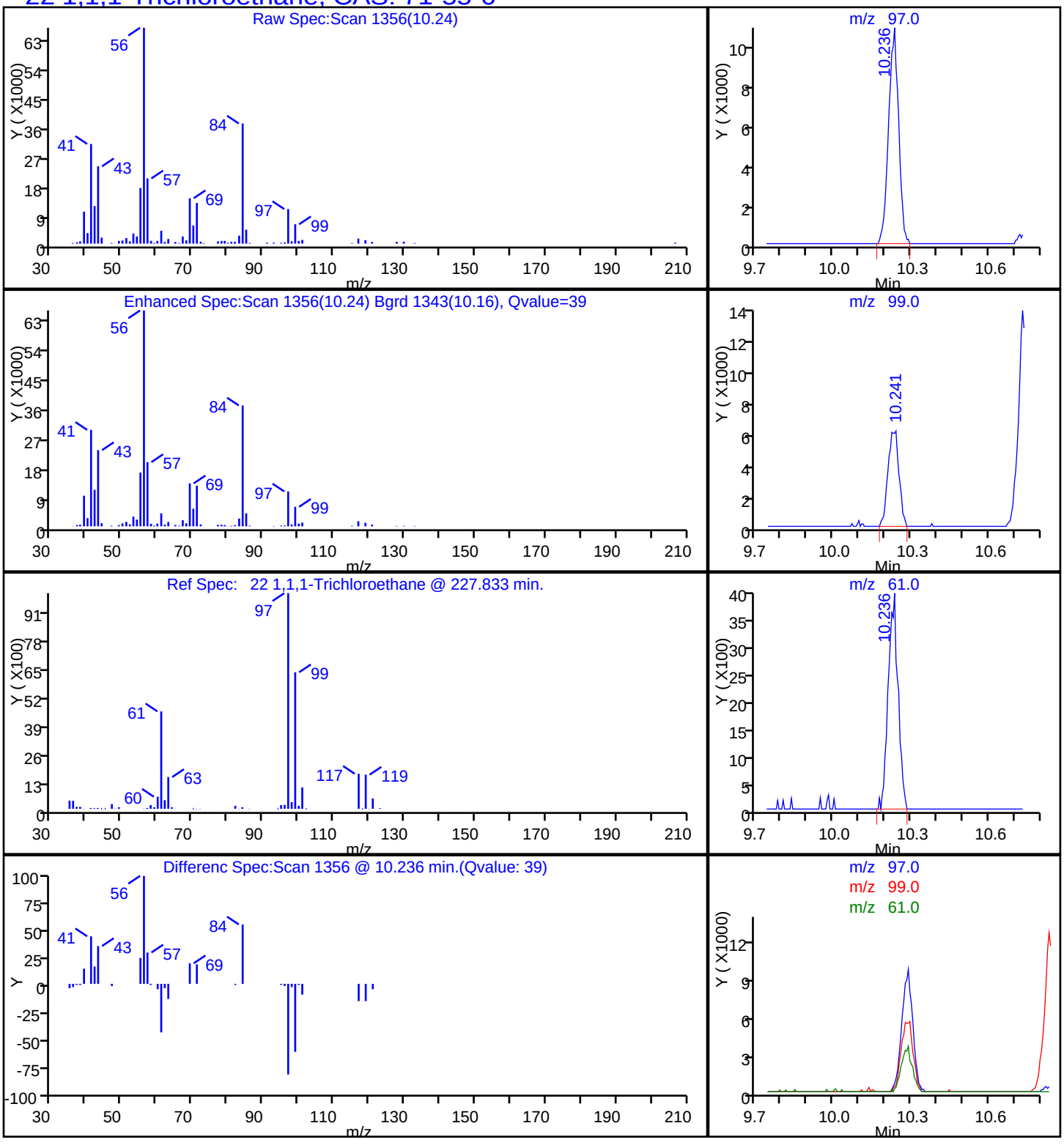
Report Date: 23-Apr-2014 14:51:12 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 1,1,1-Trichloroethane, CAS: 71-55-6



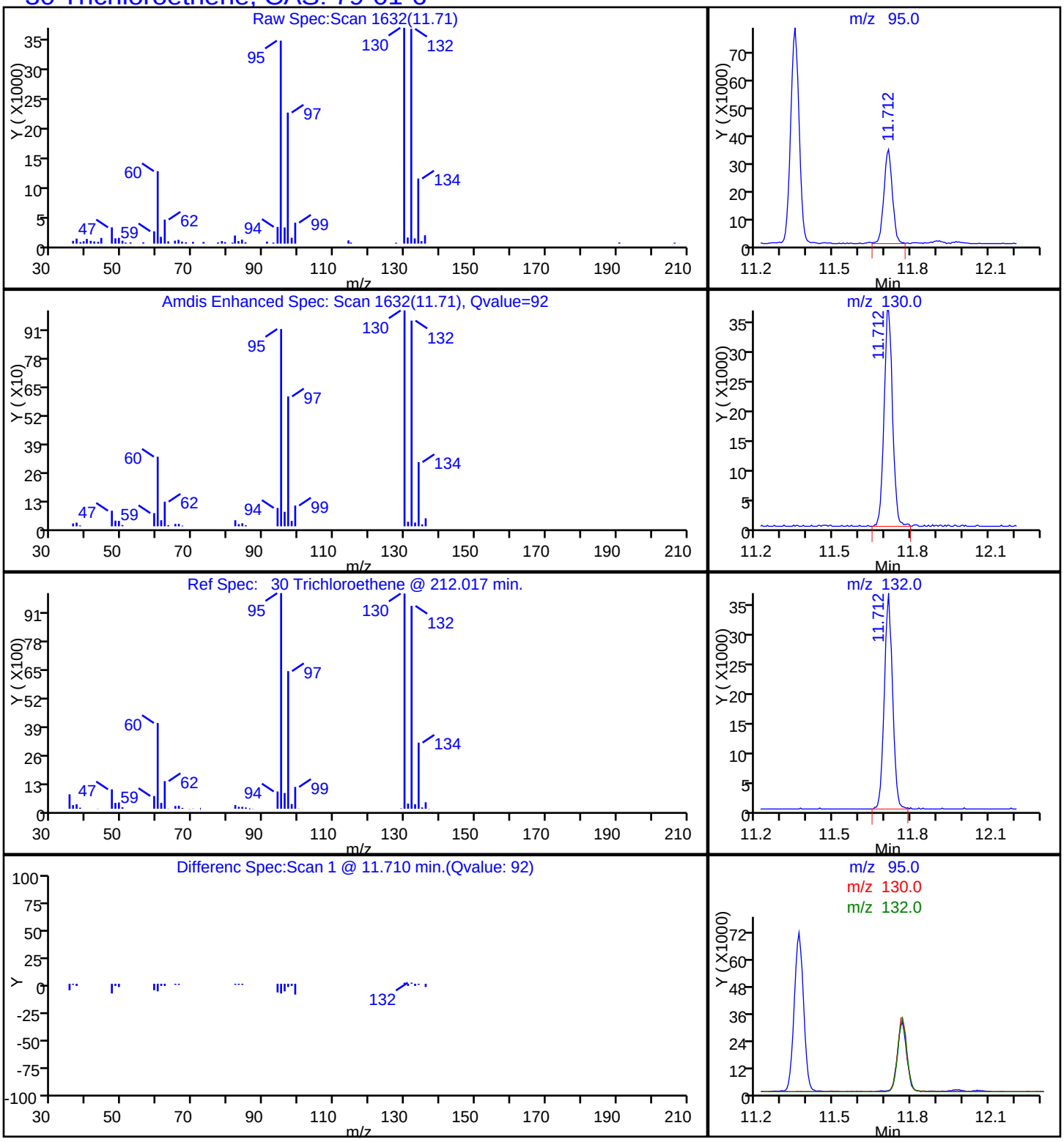
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

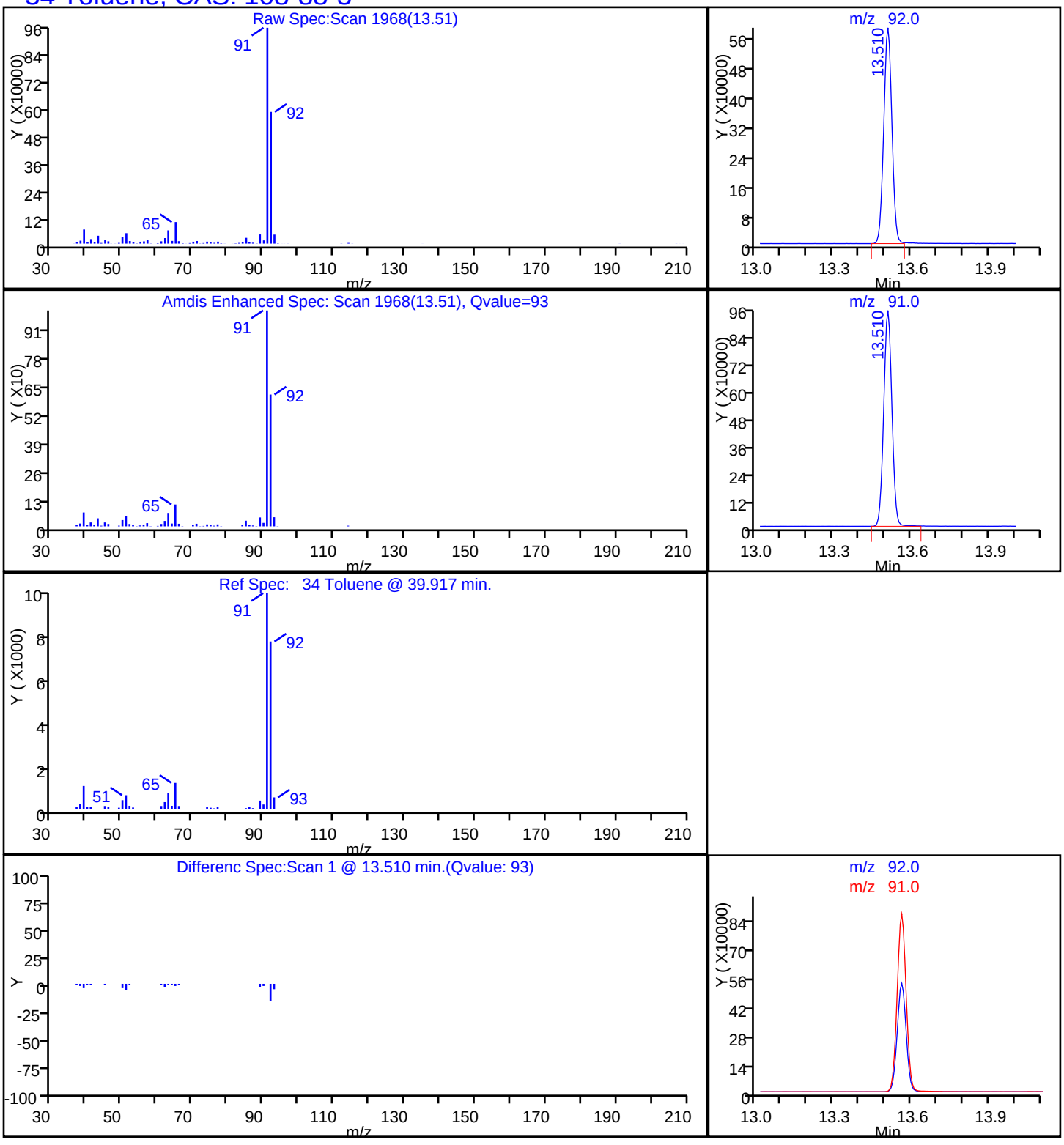


Report Date: 23-Apr-2014 14:51:12 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D				
Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



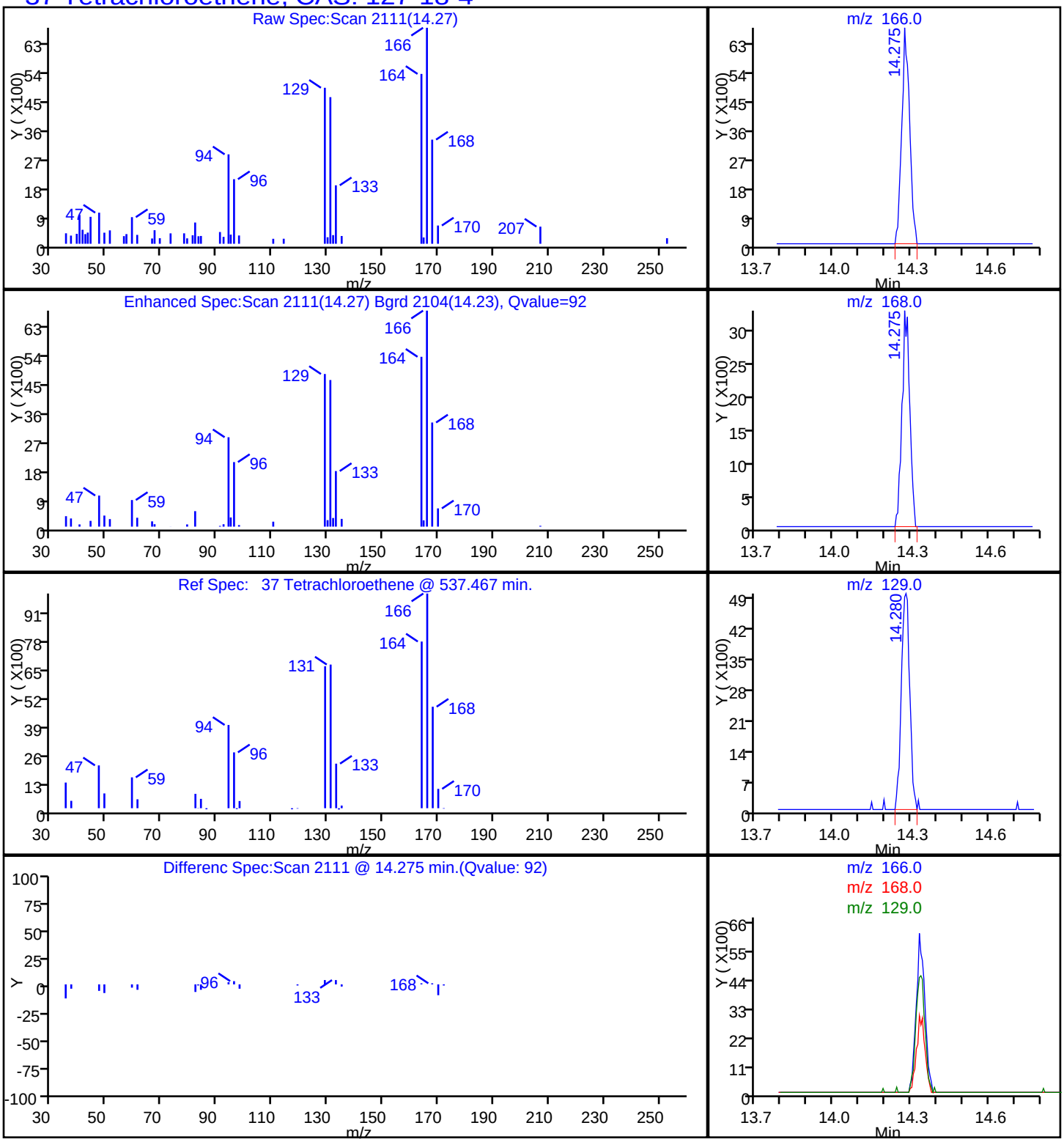
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 Tetrachloroethene, CAS: 127-18-4



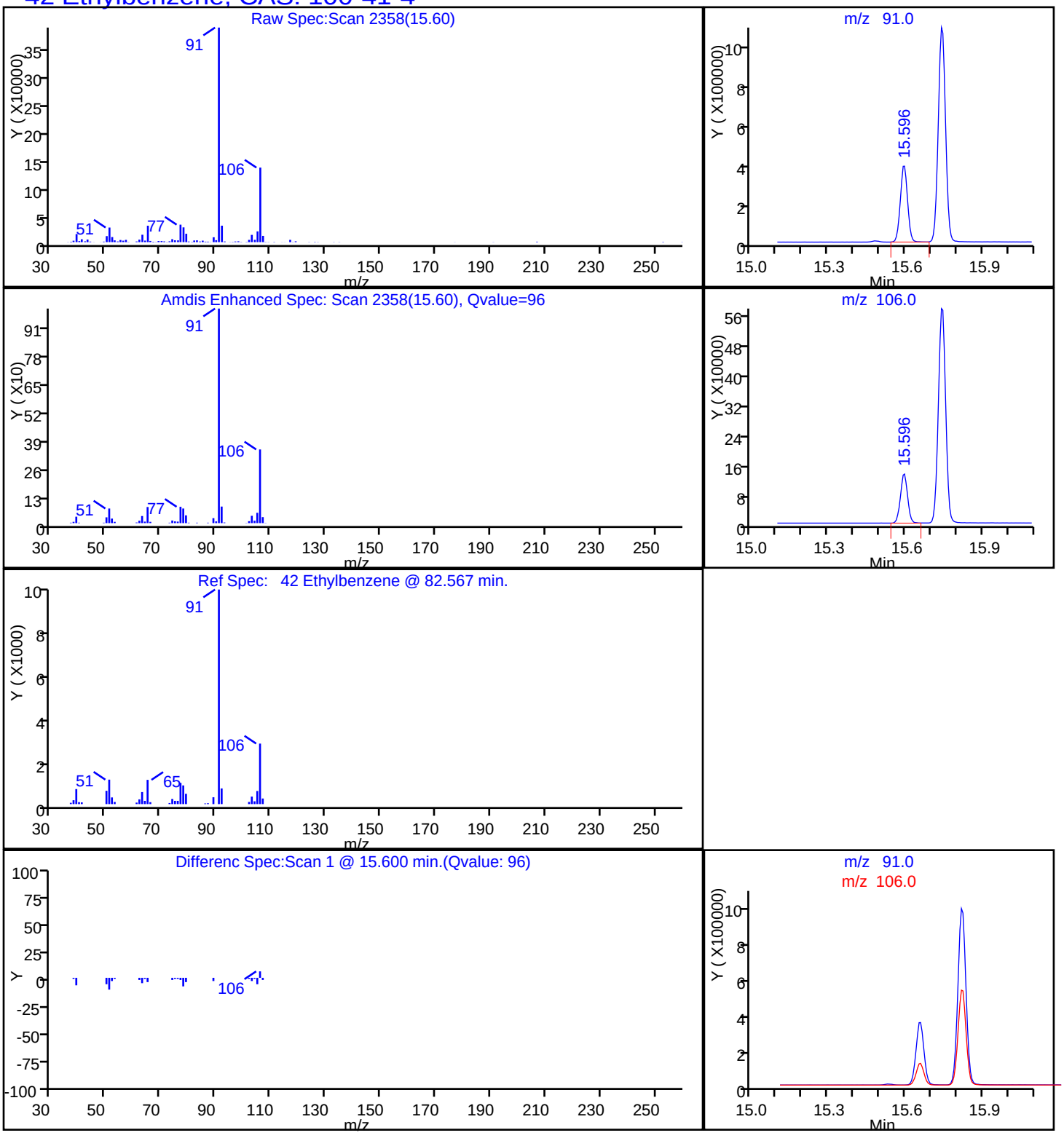
Report Date: 23-Apr-2014 14:51:12 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Ethylbenzene, CAS: 100-41-4



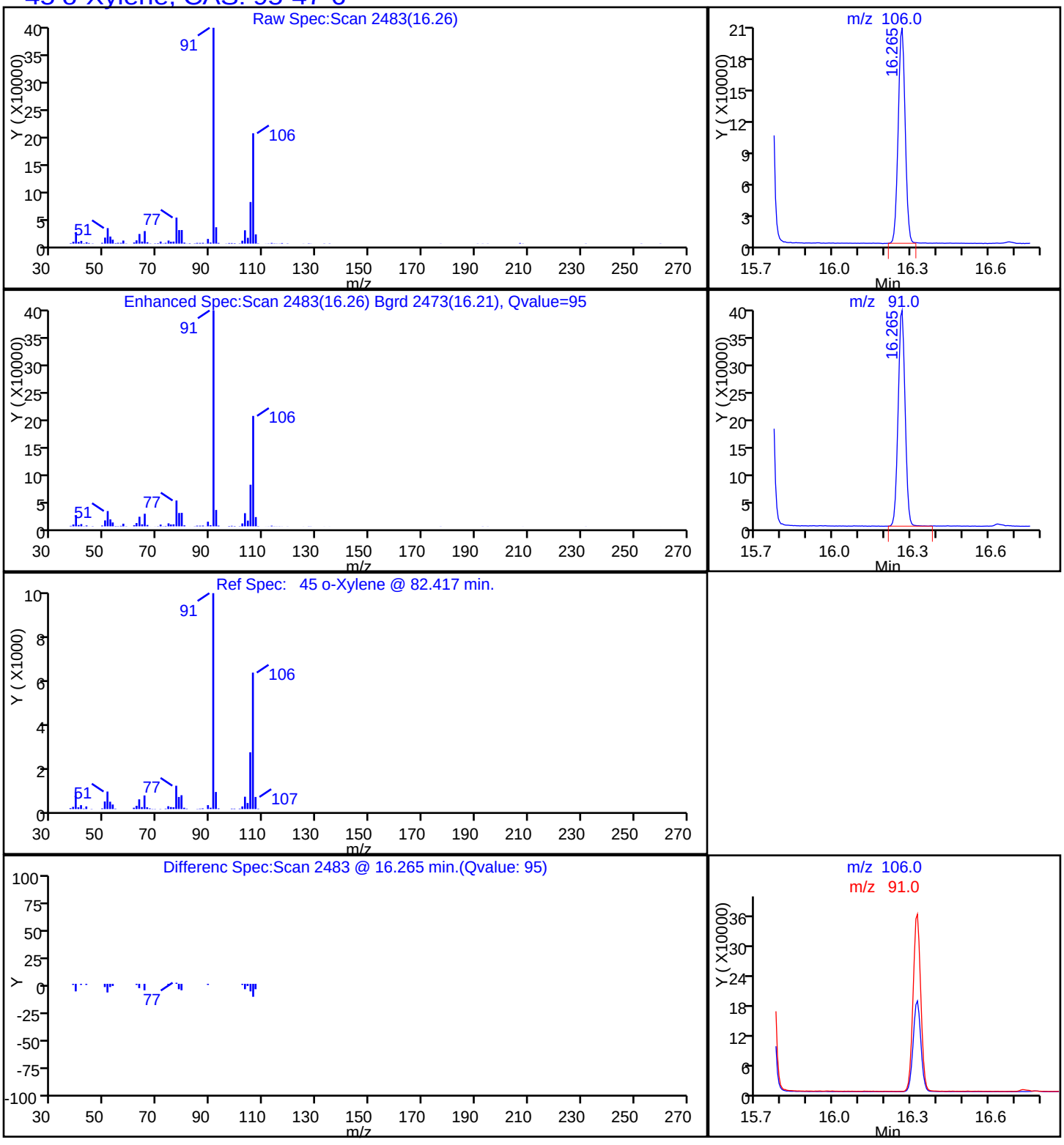
Report Date: 23-Apr-2014 14:51:12 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D

Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6

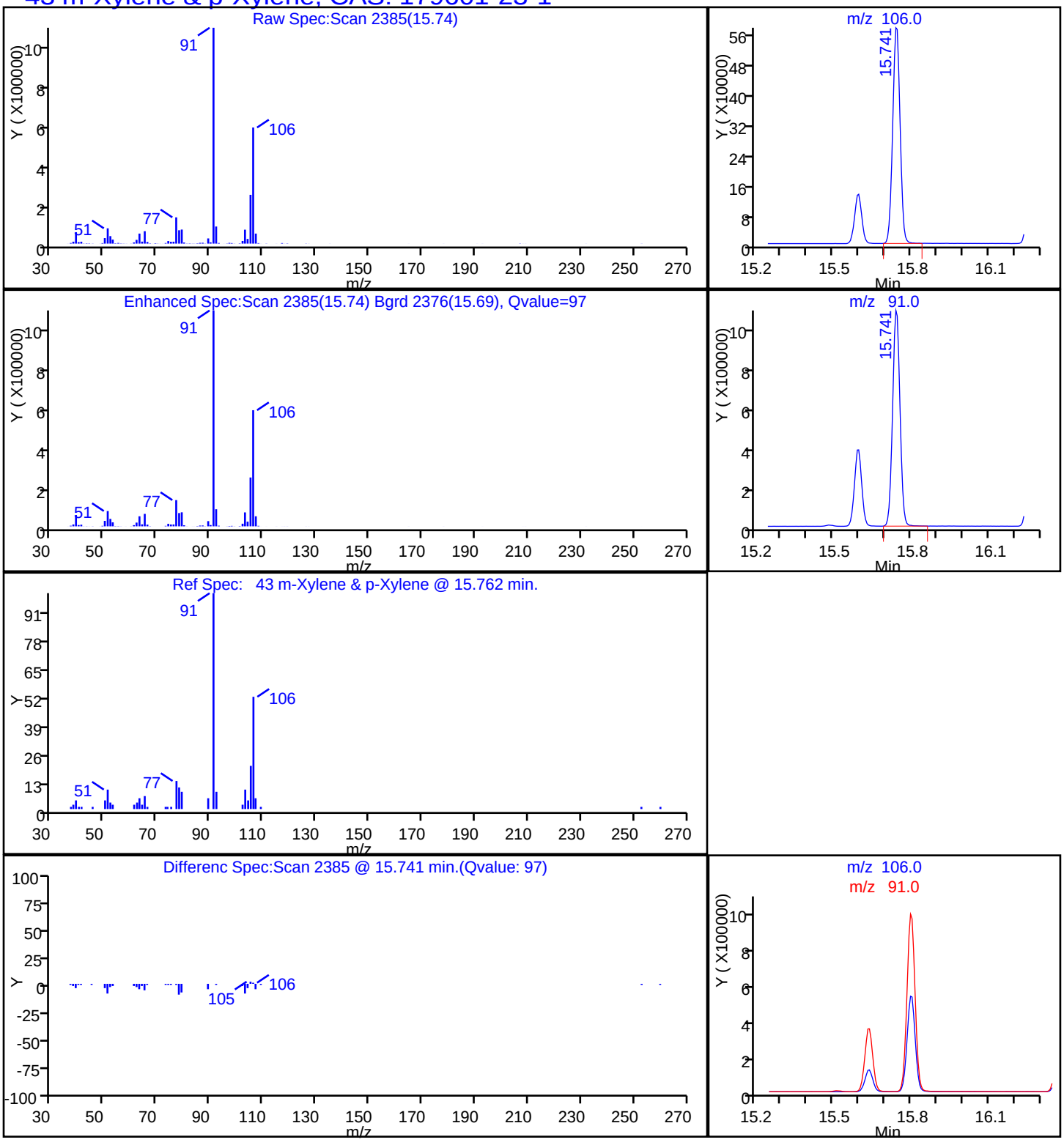


Report Date: 23-Apr-2014 14:51:12 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_009.D				
Injection Date:	31-Mar-2014 15:46:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-41-IA-032514 DL Lab Sample ID: 200-21576-4 DL

Matrix: Air Lab File ID: 6778_024.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 05:21

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.050*	*U*	*0.050*	*0.050*
75-00-3	*Chloroethane*	*64.52*	*0.050*	*U*	*0.050*	*0.050*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-09-2	*Methylene Chloride*	*84.93*	*0.25*	*U*	*0.25*	*0.25*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.025*	*U*	*0.025*	*0.025*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.081*	*D*	*0.025*	*0.025*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.031*	*D*	*0.025*	*0.025*
79-01-6	*Trichloroethene*	*131.39*	*0.12*	*D*	*0.025*	*0.025*
108-88-3	Toluene	92.14	1.2	D	0.025	0.025
127-18-4	*Tetrachloroethene*	*165.83*	*0.025*	*U*	*0.025*	*0.025*
100-41-4	*Ethylbenzene*	*106.17*	*0.34*	*D*	*0.025*	*0.025*
95-47-6	*o-Xylene*	*106.17*	*0.44*	*D*	*0.025*	*0.025*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.081*	*D*	*0.025*	*0.025*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*1.3*	*D*	*0.050*	*0.050*
1330-20-7	*Xylenes, Total*	*106.17*	*1.7*	*D*	*0.025*	*0.025*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.050*	*U*	*0.050*	*0.050*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-41-IA-032514 DL Lab Sample ID: 200-21576-4 DL

Matrix: Air Lab File ID: 6778_024.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:40

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 05:21

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.13*	*U*	*0.13*	*0.13*
75-00-3	*Chloroethane*	*64.52*	*0.13*	*U*	*0.13*	*0.13*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-09-2	*Methylene Chloride*	*84.93*	*0.87*	*U*	*0.87*	*0.87*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.10*	*U*	*0.10*	*0.10*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.32*	*D*	*0.099*	*0.099*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.17*	*D*	*0.14*	*0.14*
79-01-6	*Trichloroethene*	*131.39*	*0.66*	*D*	*0.13*	*0.13*
108-88-3	Toluene	92.14	4.5	D	0.094	0.094
127-18-4	*Tetrachloroethene*	*165.83*	*0.17*	*U*	*0.17*	*0.17*
100-41-4	*Ethylbenzene*	*106.17*	*1.5*	*D*	*0.11*	*0.11*
95-47-6	*o-Xylene*	*106.17*	*1.9*	*D*	*0.11*	*0.11*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.32*	*D*	*0.099*	*0.099*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*5.6*	*D*	*0.22*	*0.22*
1330-20-7	*Xylenes, Total*	*106.17*	*7.5*	*D*	*0.11*	*0.11*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.20*	*U*	*0.20*	*0.20*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D
Lims ID: 200-21576-A-4 Lab Sample ID: 200-21576-4
Client ID: RT-41-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 05:21:30 ALS Bottle#: 8 Worklist Smp#: 24
Purge Vol: 500.000 mL Dil. Factor: 2.5000
Sample Info: 200-0006778-024
Misc. Info.: 21576-4
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:24:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.336	7.336	0.000	80	31672	0.0783	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0322	
19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	86	14450	0.0322	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	79	1321015	2.00	
22 1,1,1-Trichloroethane	97	10.225	10.230	-0.005	34	10488	0.0125	
27 1,2-Dichloroethane	62	10.894	10.888	0.006	49	2017	0.004485	
* 29 1,4-Difluorobenzene	114	11.349	11.348	0.001	92	6967132	2.00	
30 Trichloroethene	95	11.707	11.712	-0.005	96	27507	0.0493	
34 Toluene	92	13.510	13.510	0.000	94	421373	0.4785	
37 Tetrachloroethene	166	14.280	14.280	0.000	78	5002	0.007366	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6273934	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	96	239602	0.1375	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	98	352462	0.5180	
S 44 Xylenes, Total	106				0		0.6951	
45 o-Xylene	106	16.265	16.265	0.000	95	118173	0.1771	
51 BFB								

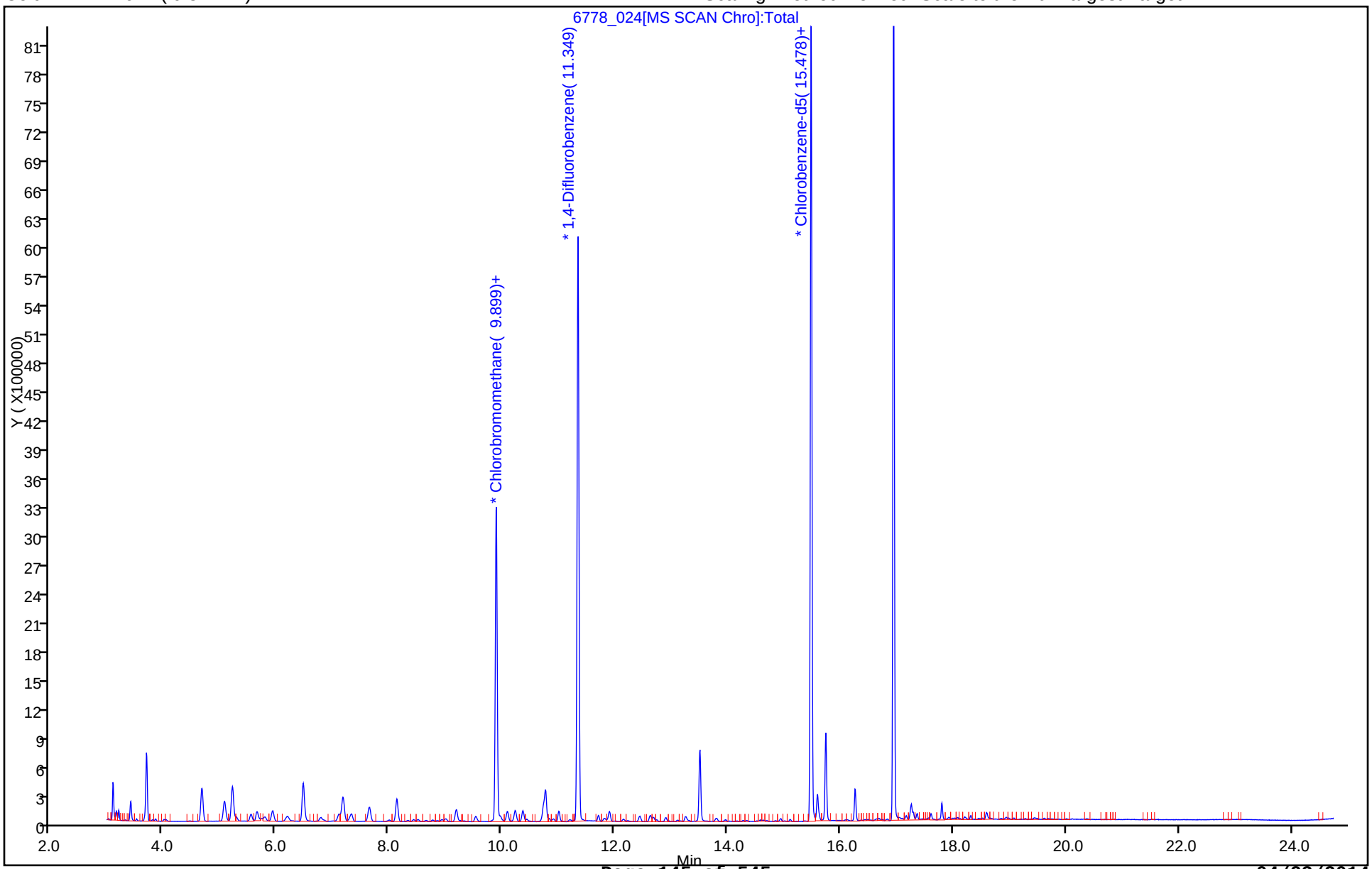
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D

Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4	Worklist Smp#:	24
Client ID:	RT-41-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	2.5000	ALS Bottle#:	8
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

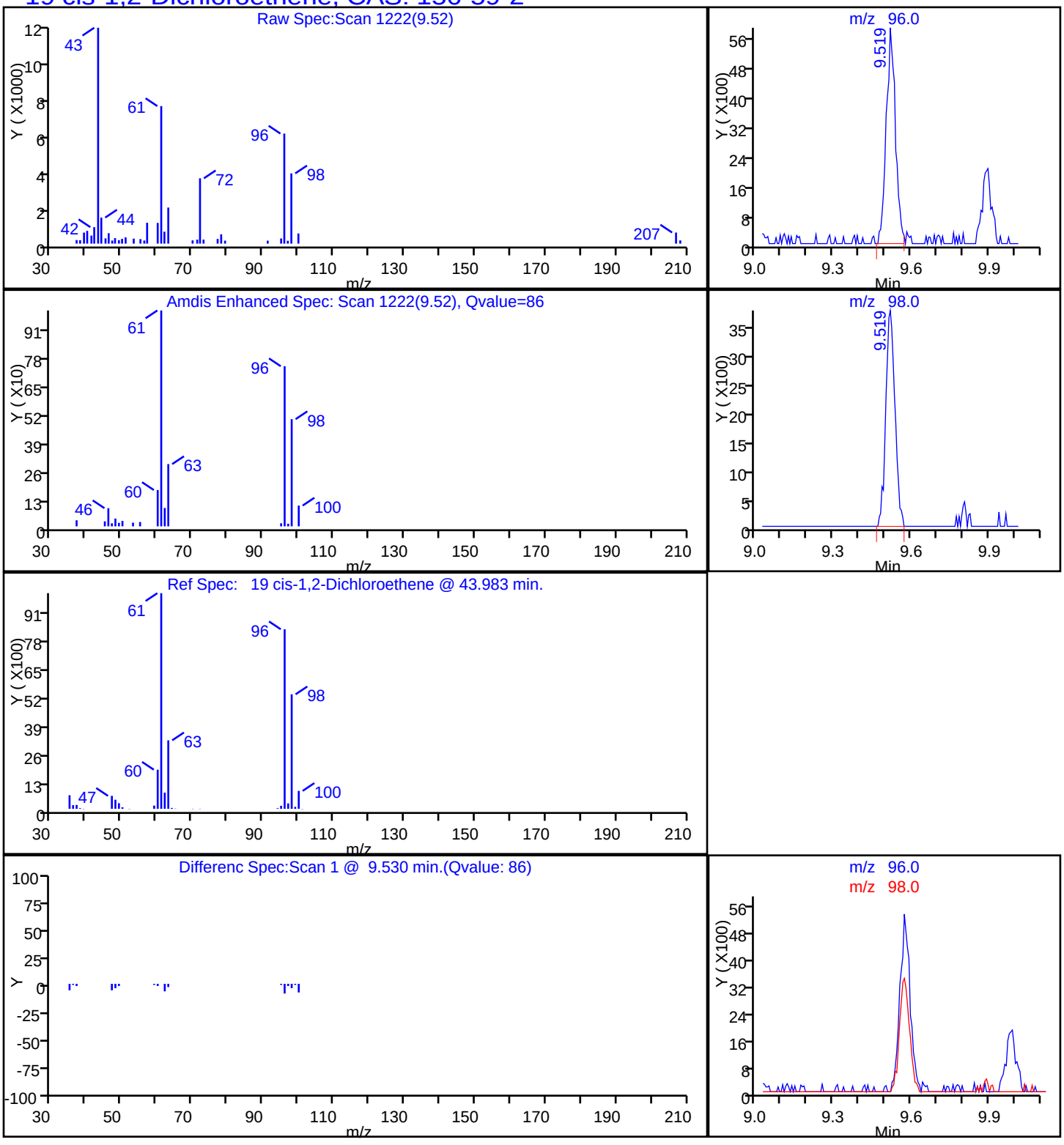
Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D				
Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



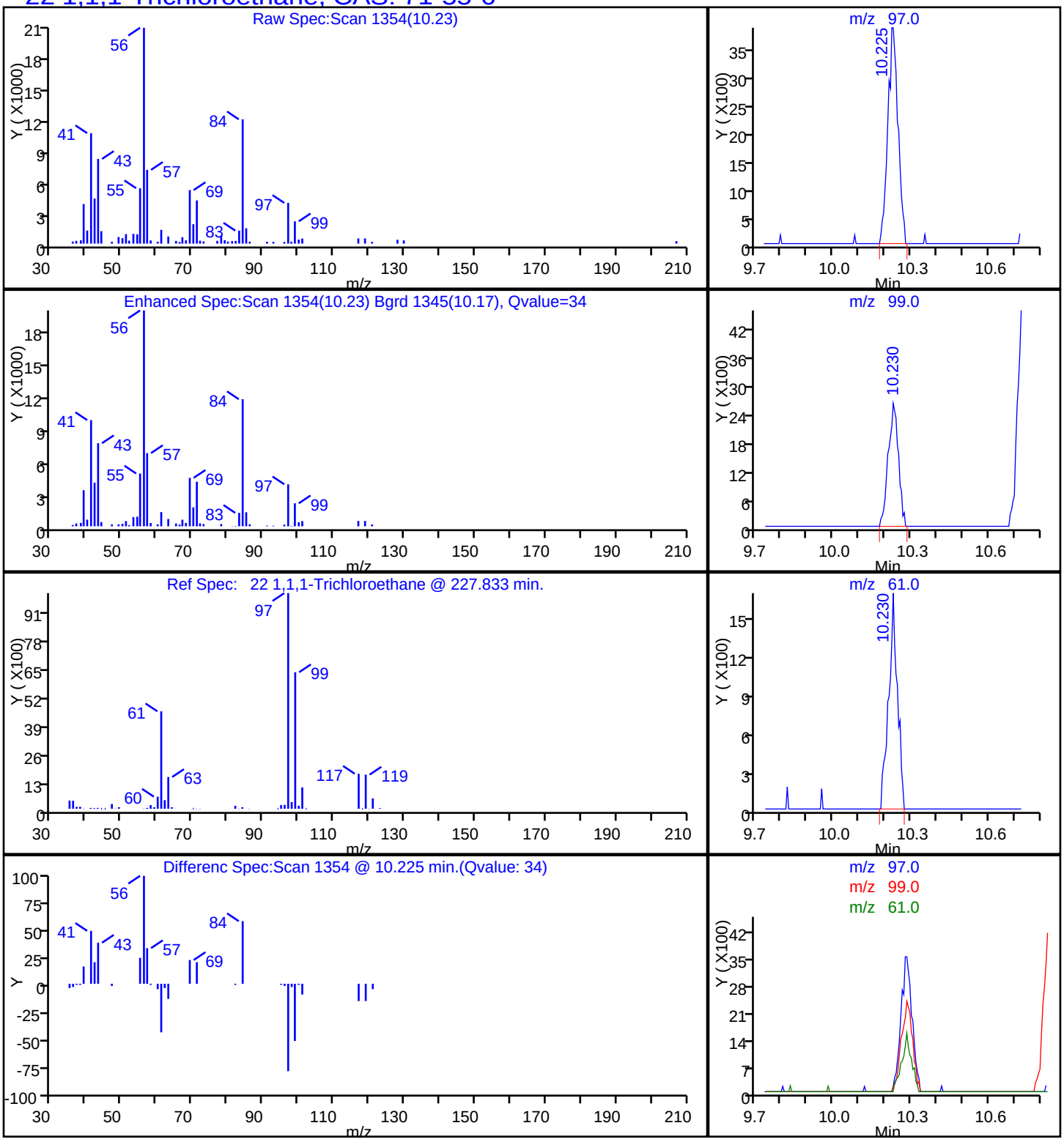
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D

Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 1,1,1-Trichloroethane, CAS: 71-55-6



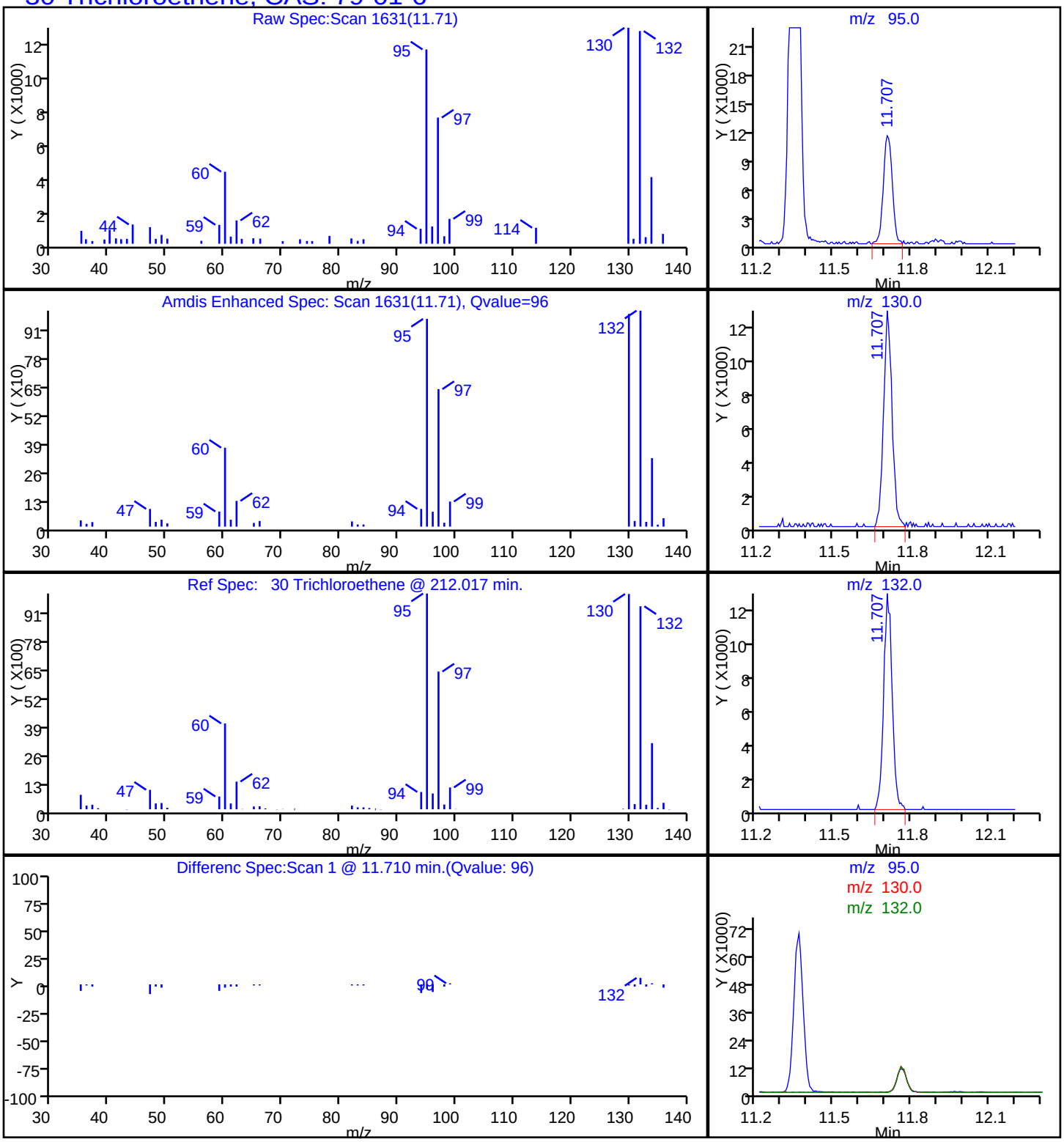
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D

Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



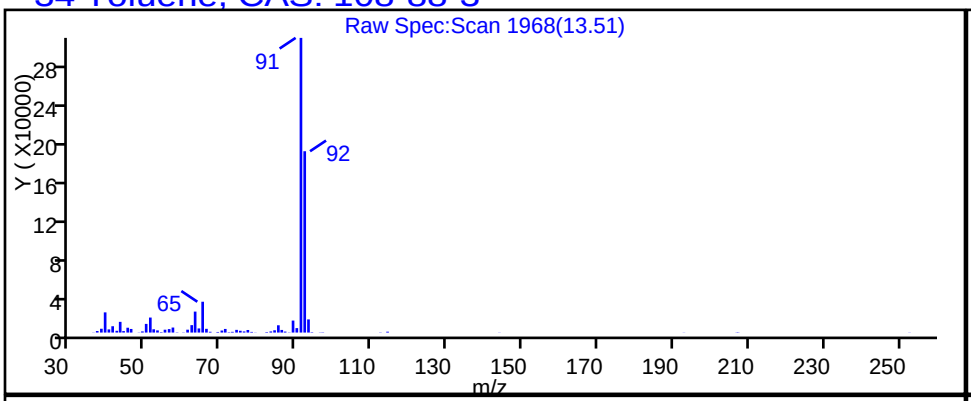
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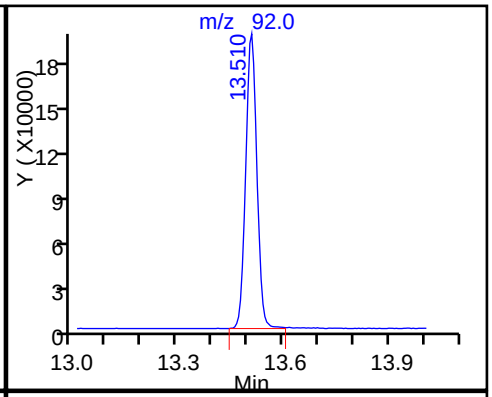
TestAmerica Burlington

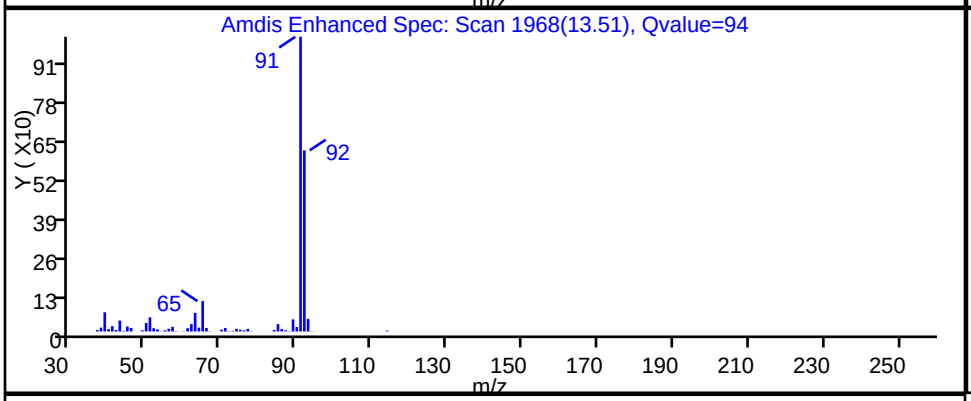
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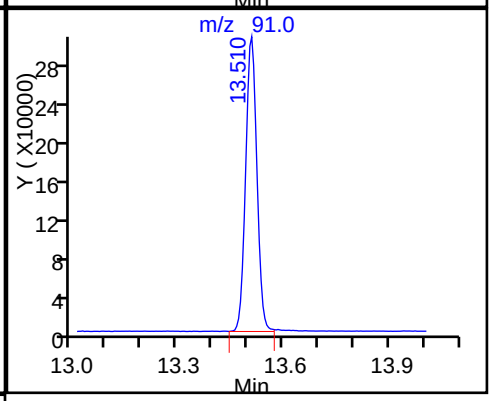
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Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

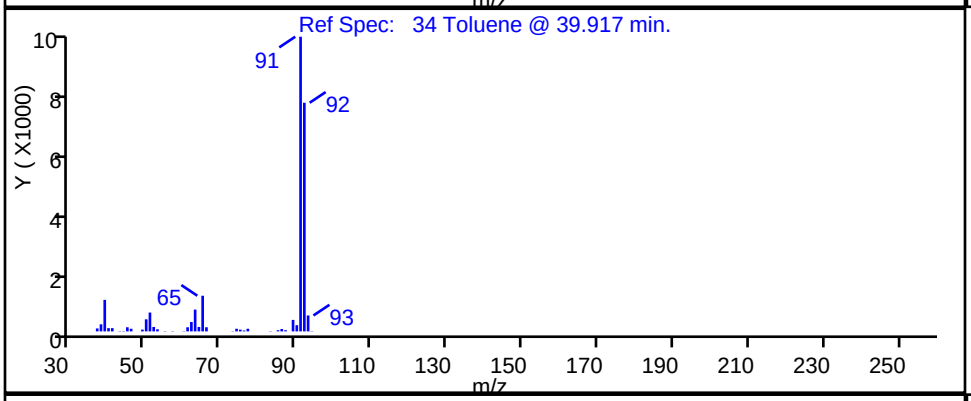
34 Toluene, CAS: 108-88-3

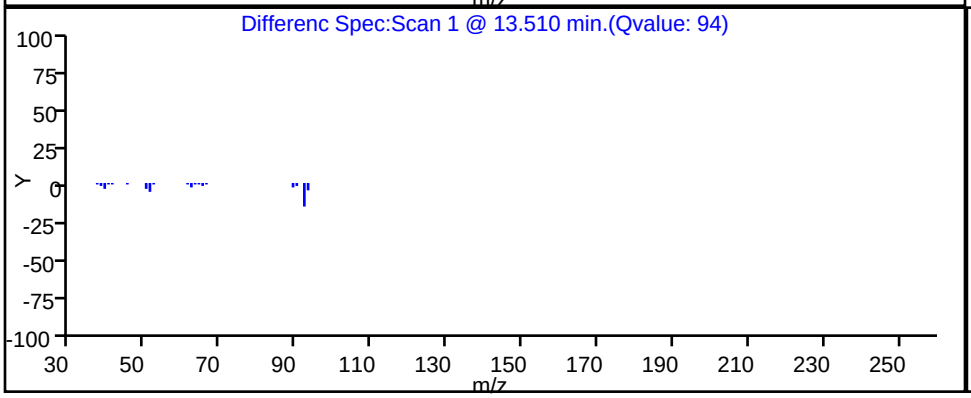


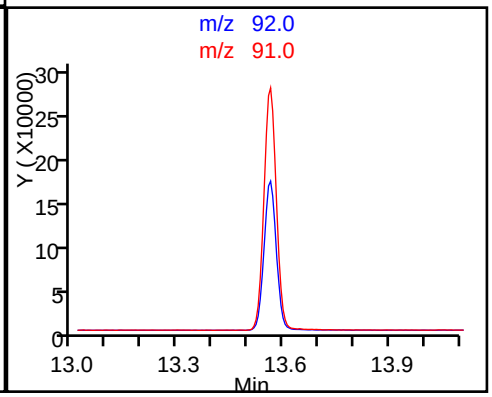










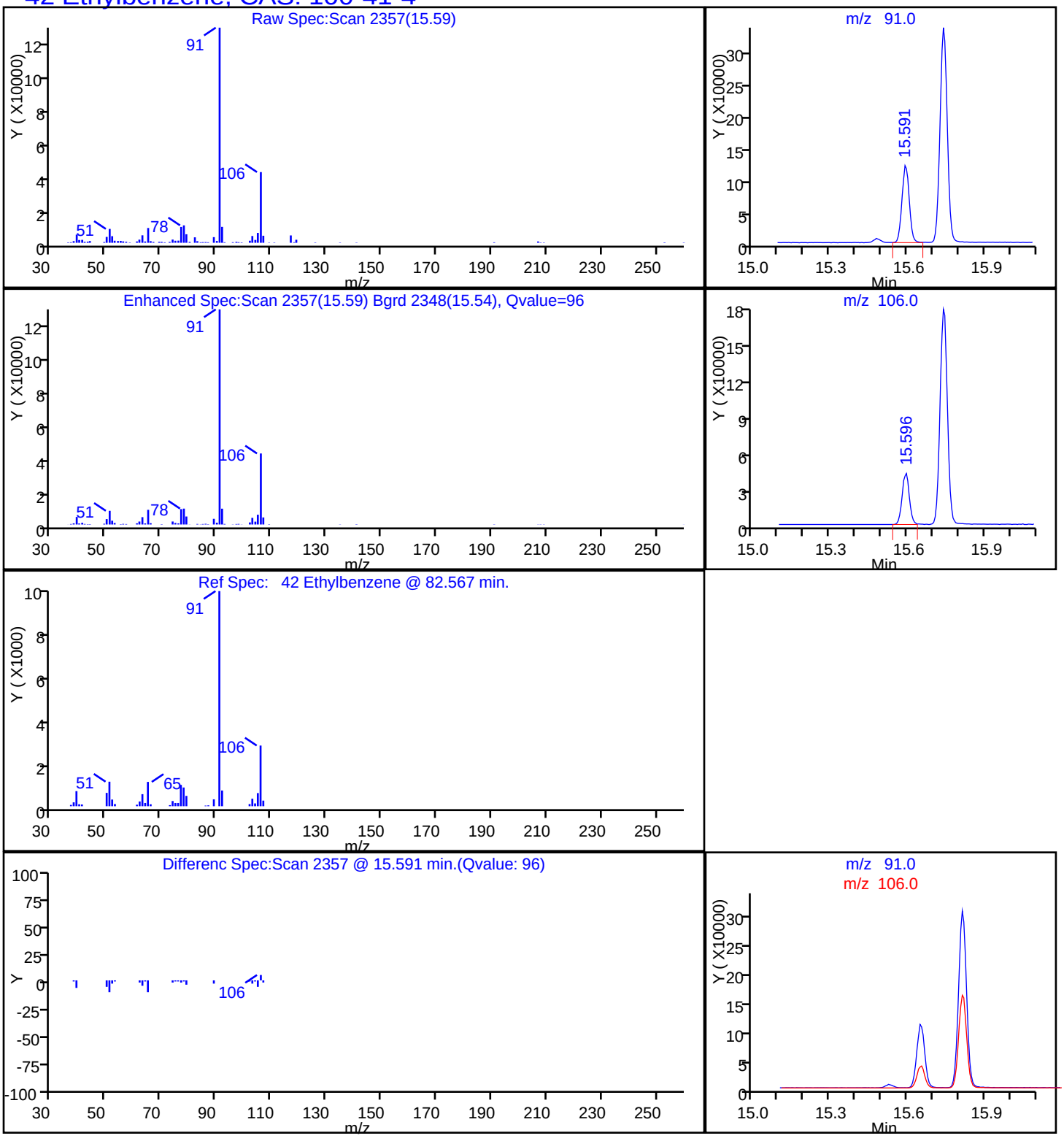


Report Date: 23-Apr-2014 14:58:37 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D				
Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Ethylbenzene, CAS: 100-41-4

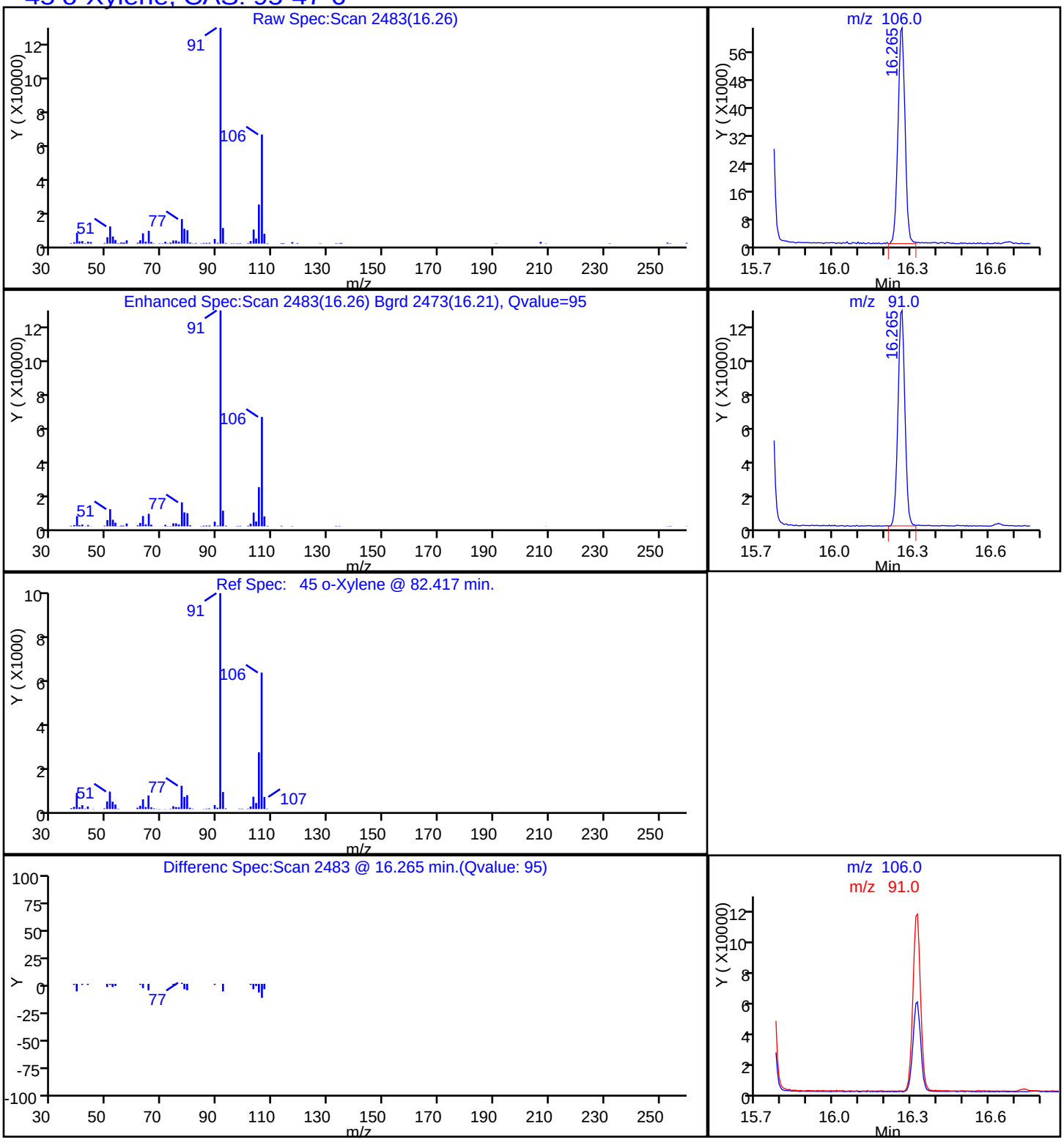


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TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D				
Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6



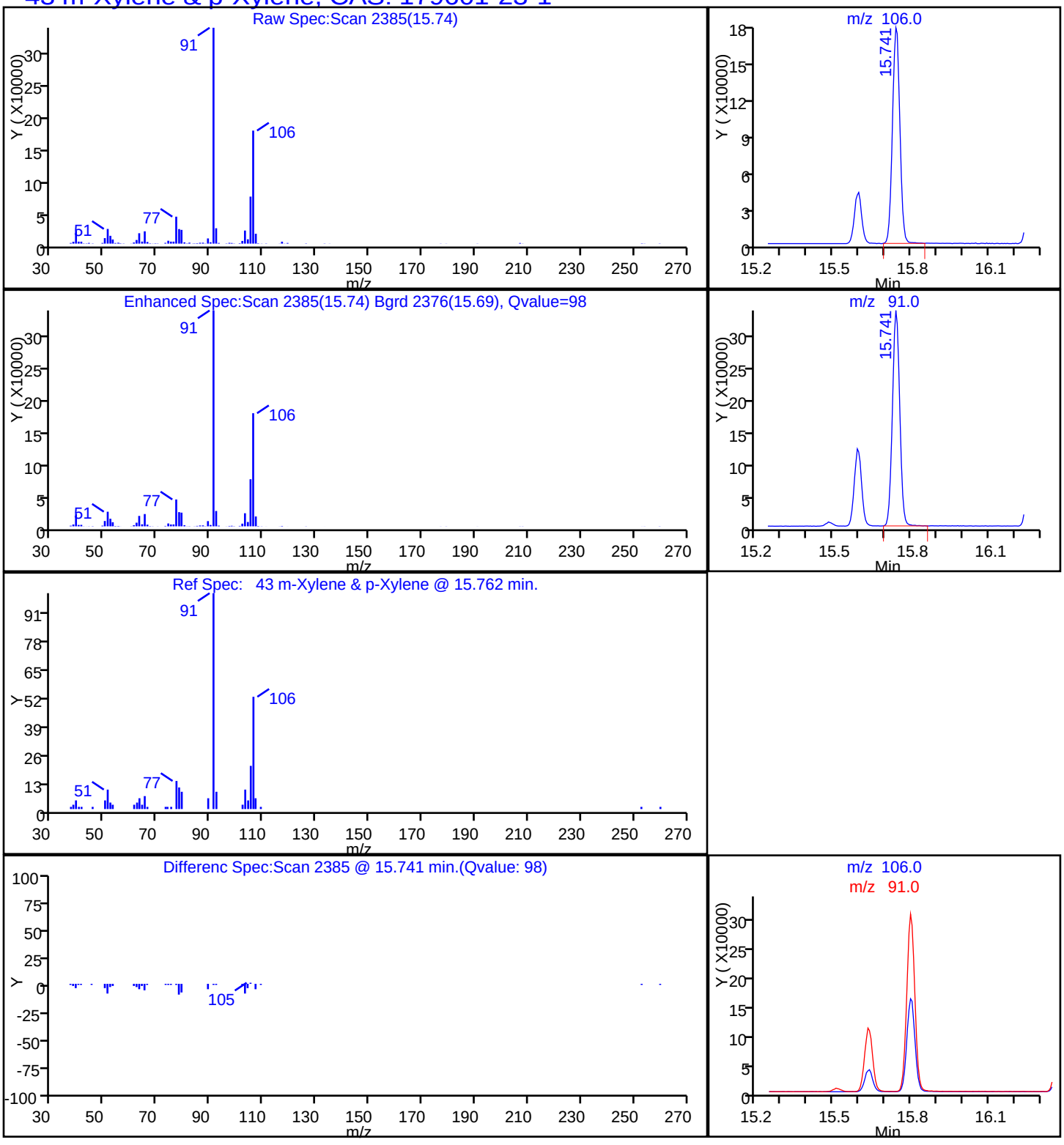
Report Date: 23-Apr-2014 14:58:37 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_024.D

Injection Date:	01-Apr-2014 05:21:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-4	Lab Sample ID:	200-21576-4		
Client ID:	RT-41-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	24
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-42-IA-032514 Lab Sample ID: 200-21576-5

Matrix: Air Lab File ID: 6778_010.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 16:41

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.11		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.029		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.013		0.010	0.010
79-01-6	Trichloroethene	131.39	0.10		0.010	0.010
108-88-3	*Toluene*	*92.14*	*1.2*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.019		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.36		0.010	0.010
95-47-6	o-Xylene	106.17	0.50		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.029		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	1.5		0.020	0.020
1330-20-7	Xylenes, Total	106.17	2.0		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-42-IA-032514 Lab Sample ID: 200-21576-5

Matrix: Air Lab File ID: 6778_010.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 16:41

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.37		0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.11		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.073		0.055	0.055
79-01-6	Trichloroethene	131.39	0.56		0.054	0.054
108-88-3	*Toluene*	*92.14*	*4.4*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.13		0.068	0.068
100-41-4	Ethylbenzene	106.17	1.6		0.043	0.043
95-47-6	o-Xylene	106.17	2.2		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.11		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	6.3		0.087	0.087
1330-20-7	Xylenes, Total	106.17	8.5		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D
Lims ID: 200-21576-A-5 Lab Sample ID: 200-21576-5
Client ID: RT-42-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 16:41:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-010
Misc. Info.: 21576-5
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 31-Mar-2014 17:24:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.336	7.336	0.000	77	42137	0.1057	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0285	
19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	92	12596	0.0285	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	77	1301285	2.00	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.000	29	10925	0.0134	
27 1,2-Dichloroethane	62	10.888	10.888	0.000	69	5867	0.0135	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	6740198	2.00	
30 Trichloroethene	95	11.712	11.712	0.000	93	56030	0.1038	
34 Toluene	92	13.510	13.510	0.000	93	1003451	1.17	E
37 Tetrachloroethene	166	14.280	14.280	0.000	88	12230	0.0185	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	83	6097911	2.00	
42 Ethylbenzene	91	15.596	15.596	0.000	96	617147	0.3645	
43 m-Xylene & p-Xylene	106	15.740	15.746	-0.006	97	962000	1.45	
S 44 Xylenes, Total	106				0		1.95	
45 o-Xylene	106	16.265	16.265	0.000	95	322500	0.4973	
51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

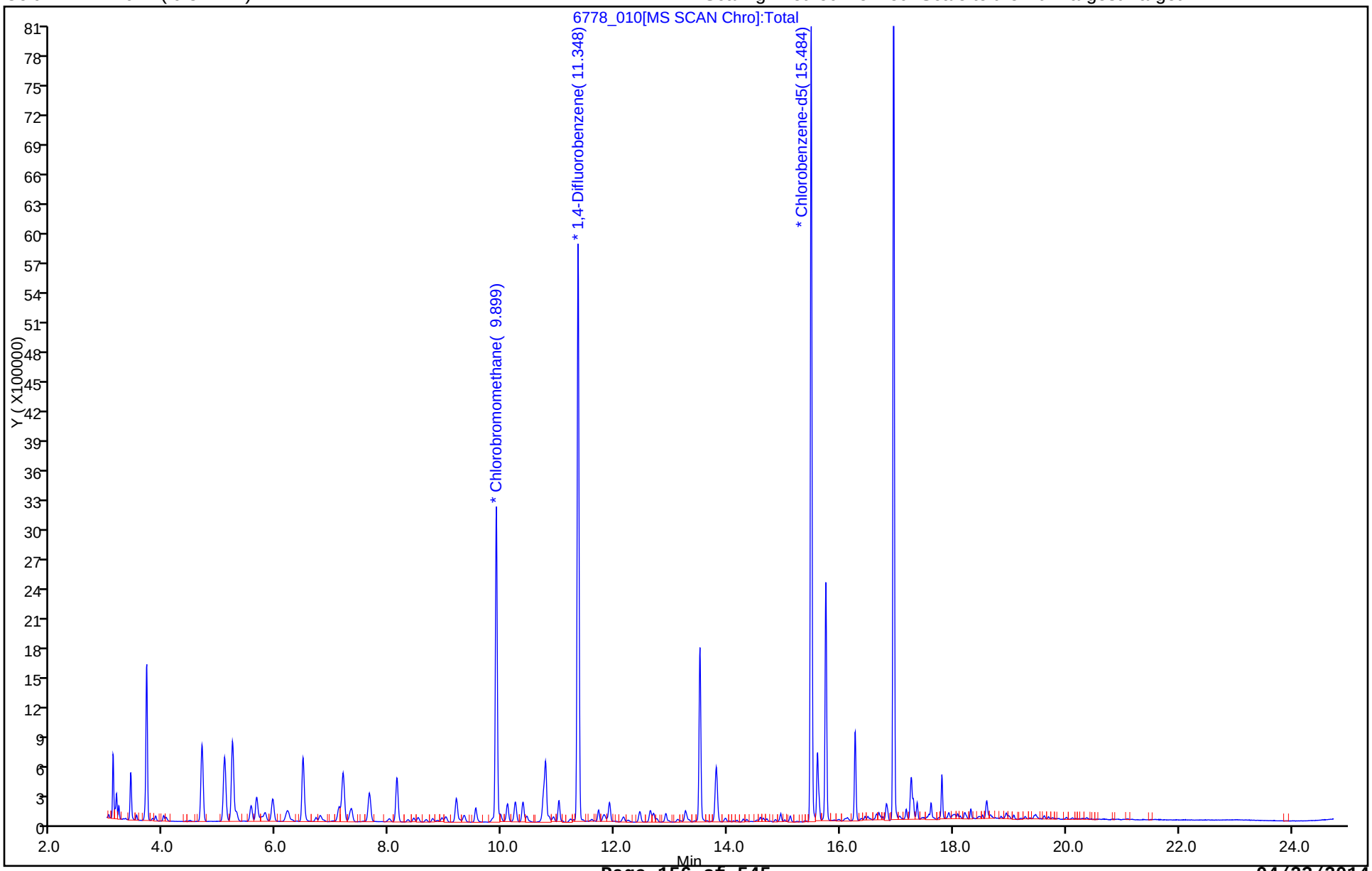
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5	Worklist Smp#:	10
Client ID:	RT-42-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



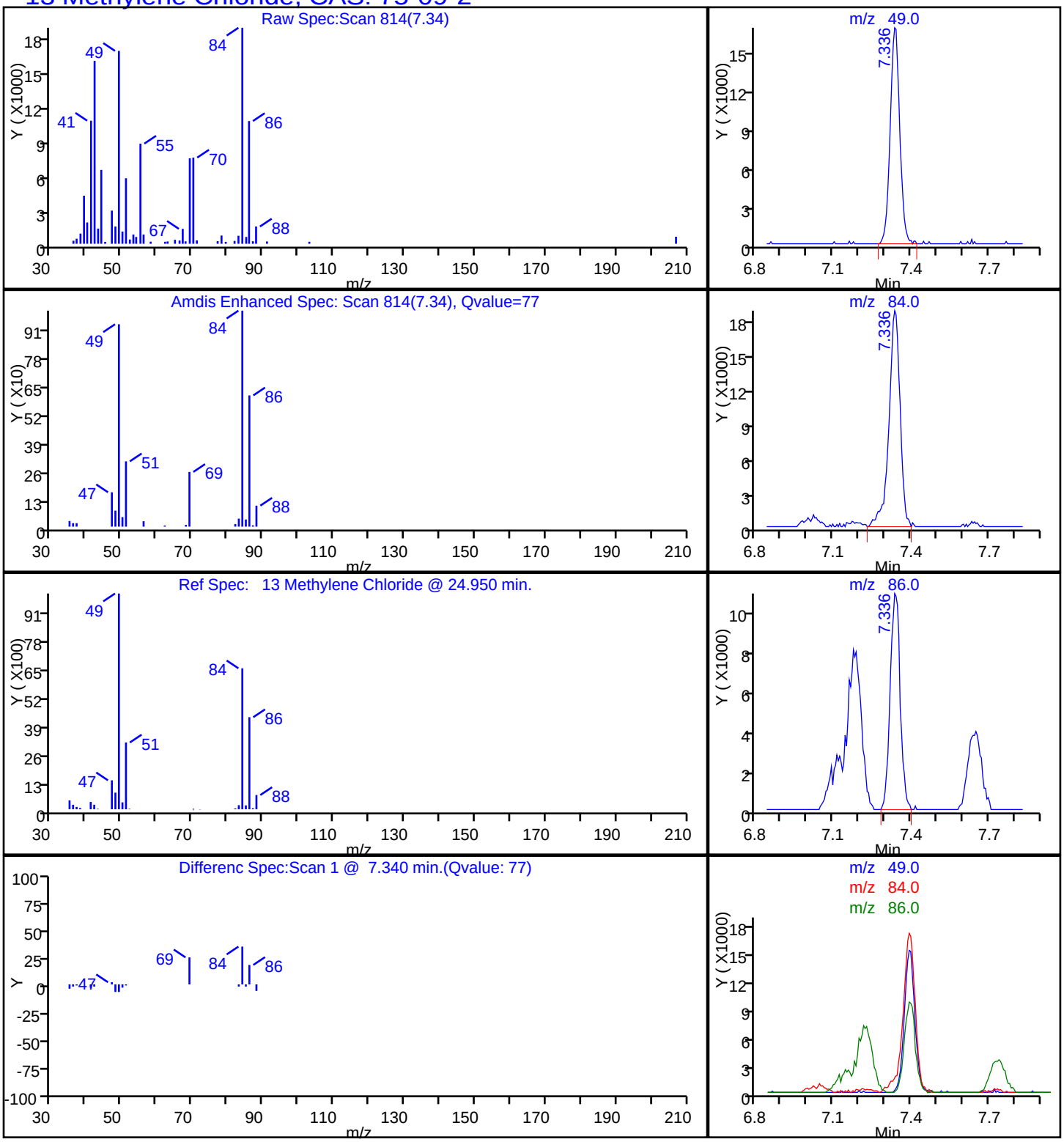
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Methylene Chloride, CAS: 75-09-2



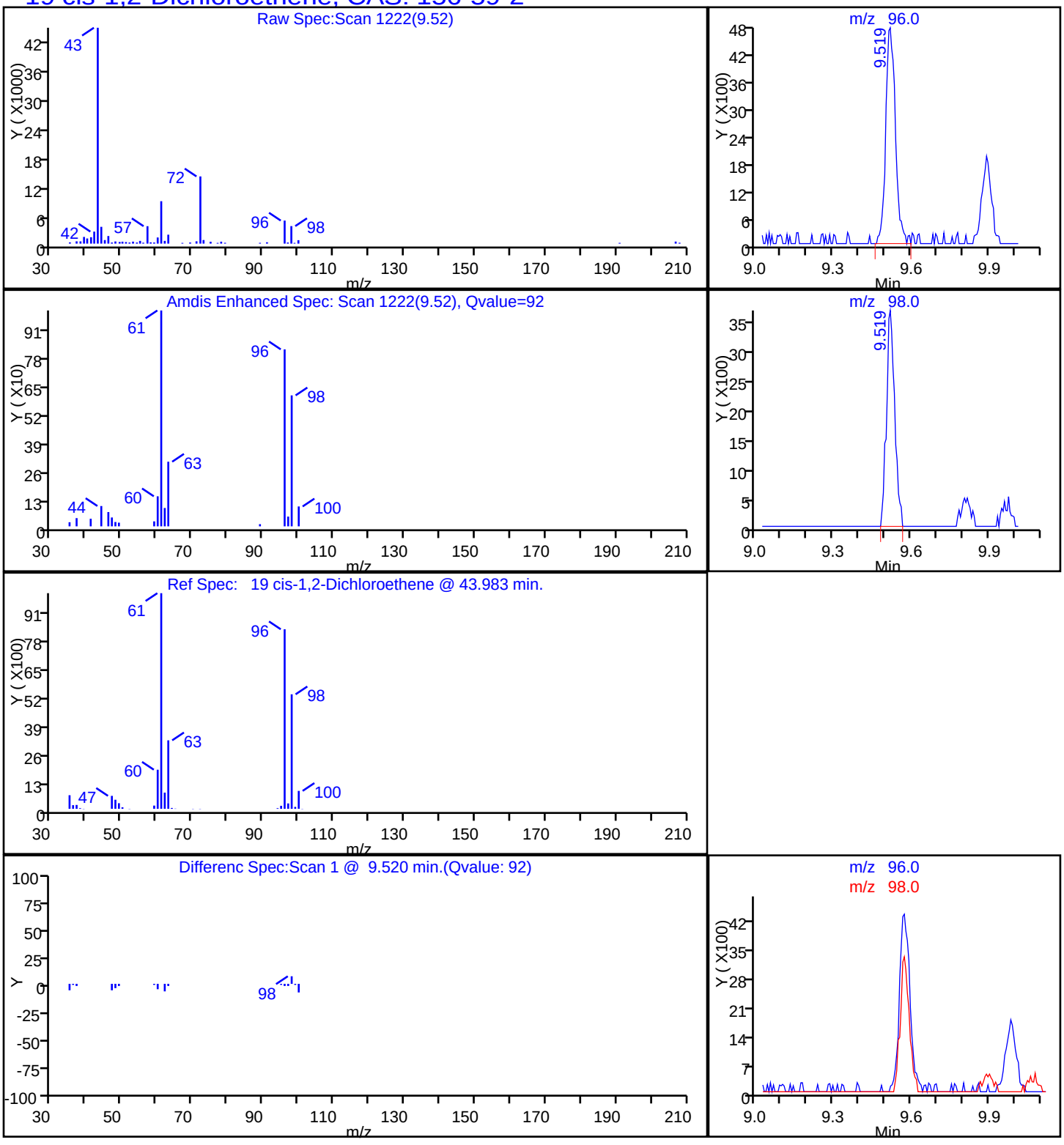
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



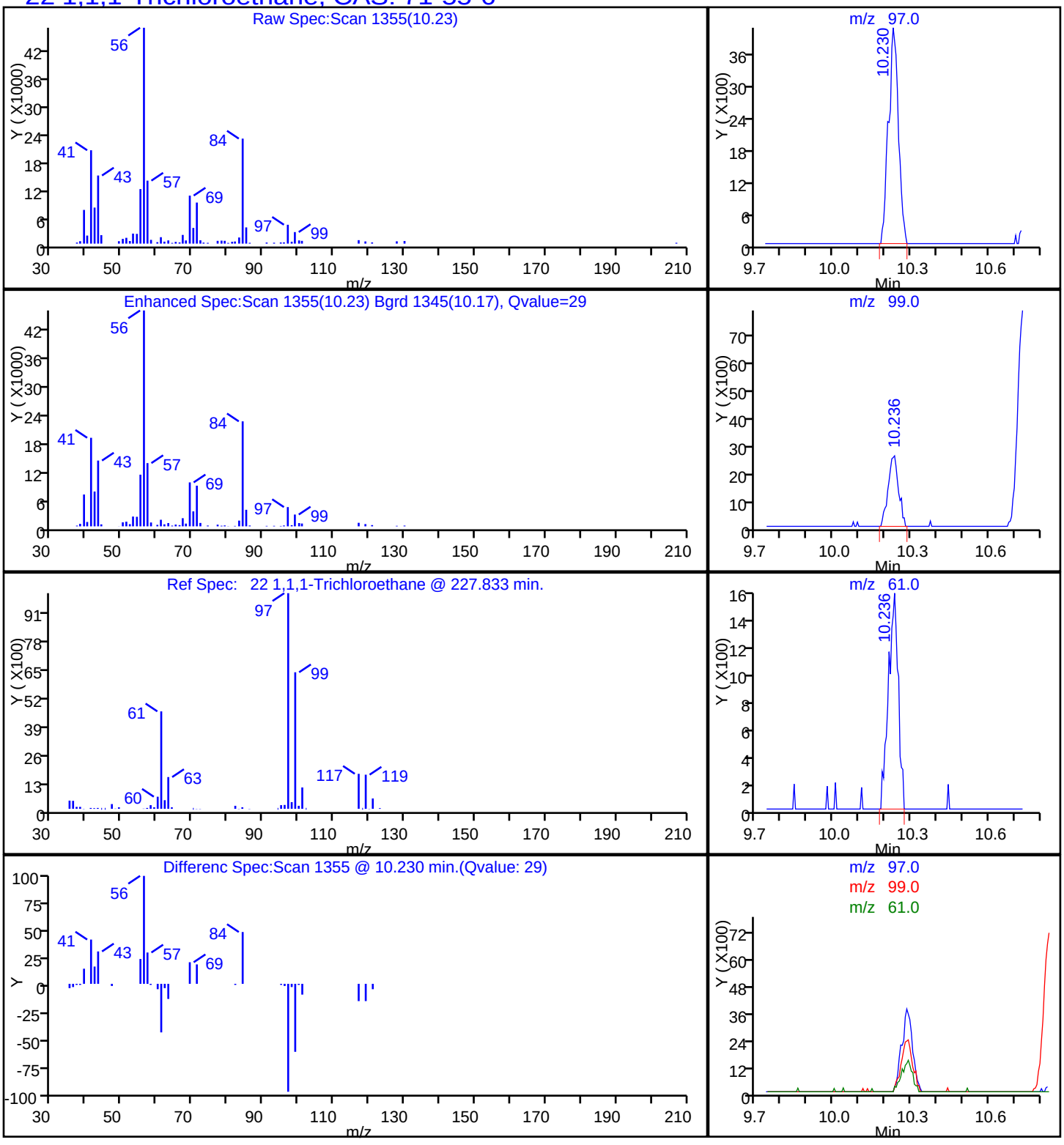
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 1,1,1-Trichloroethane, CAS: 71-55-6



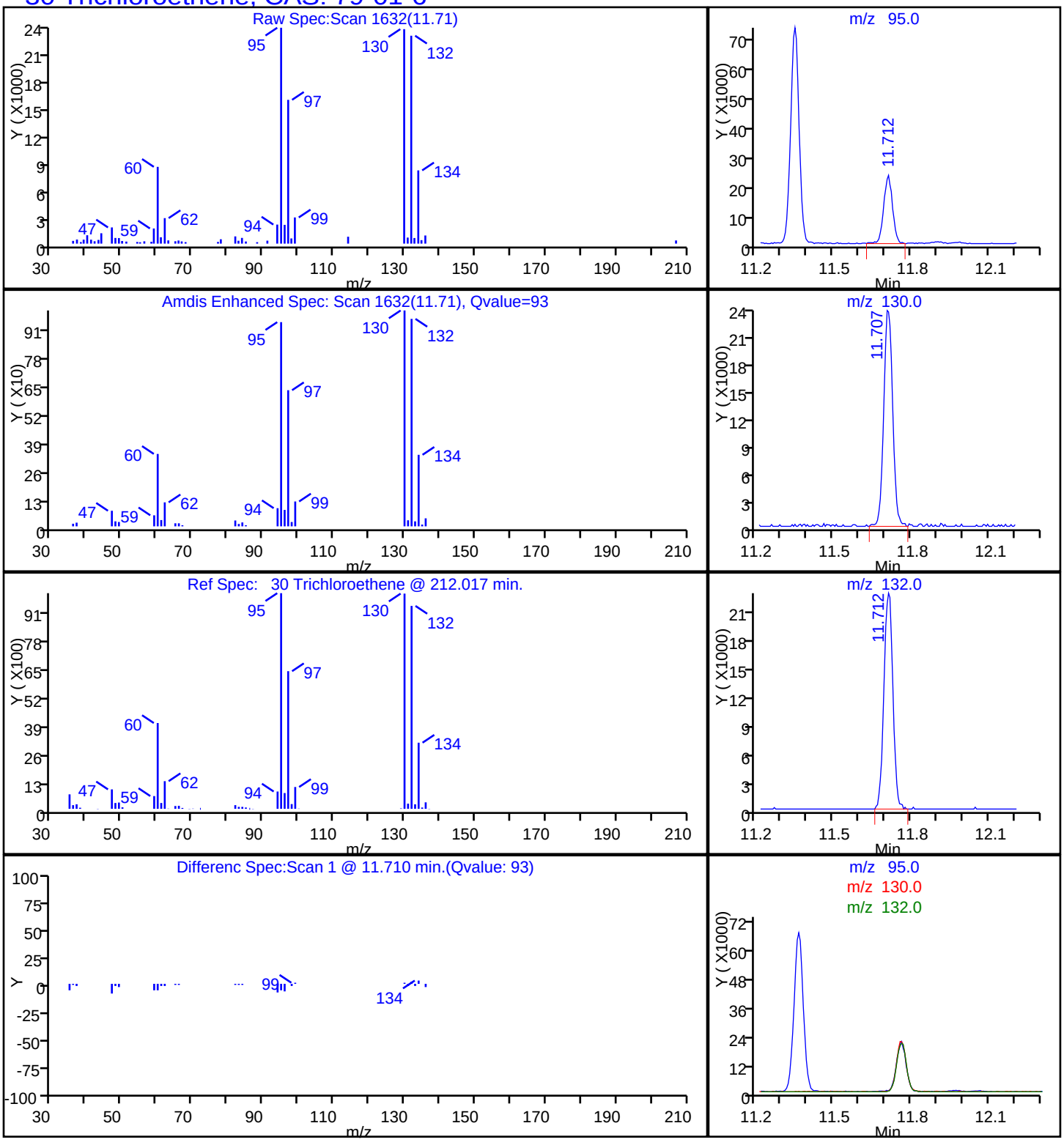
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5
Client ID:	RT-42-IA-032514		
Operator ID:	wrd	ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

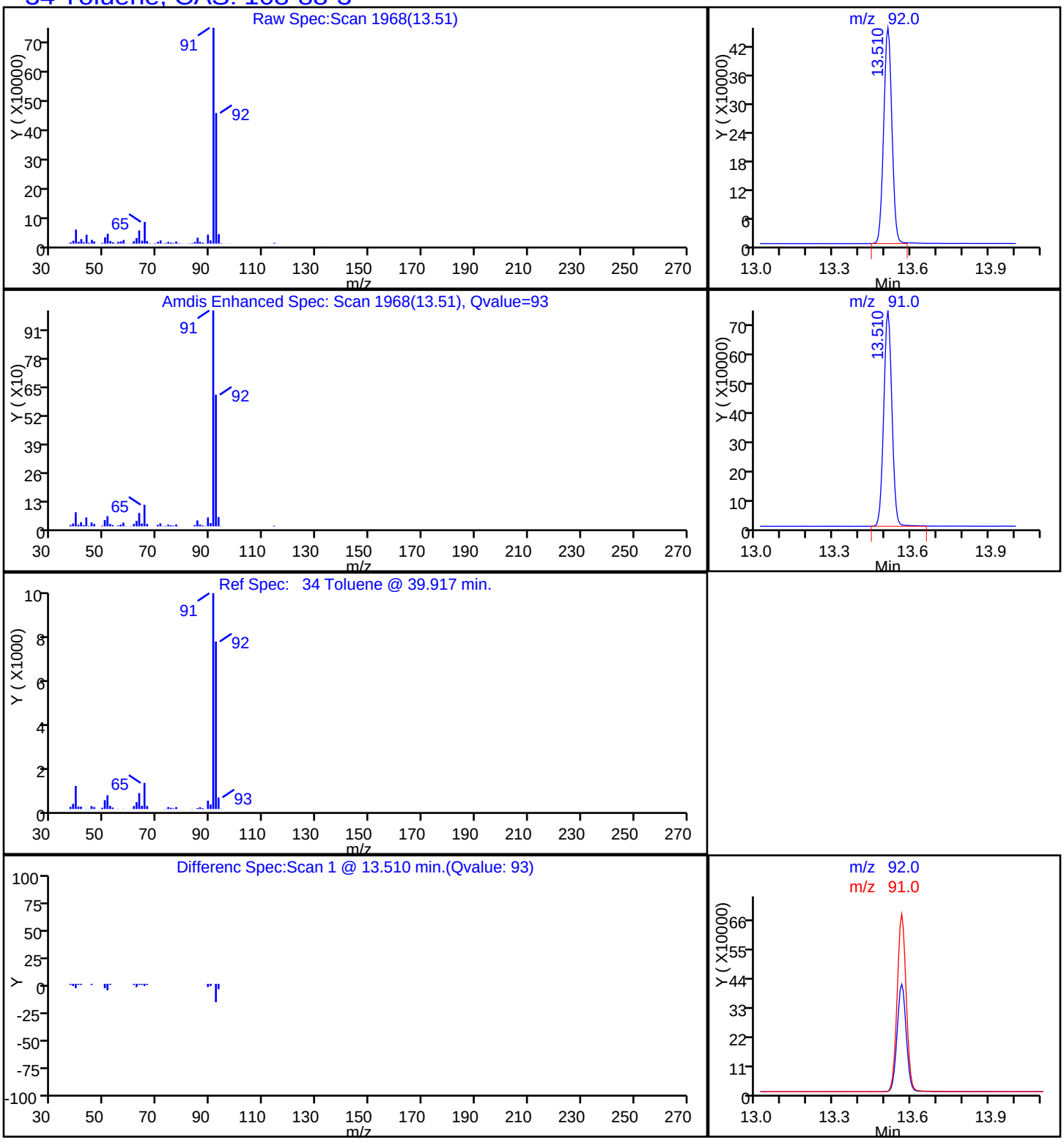
30 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D				
Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



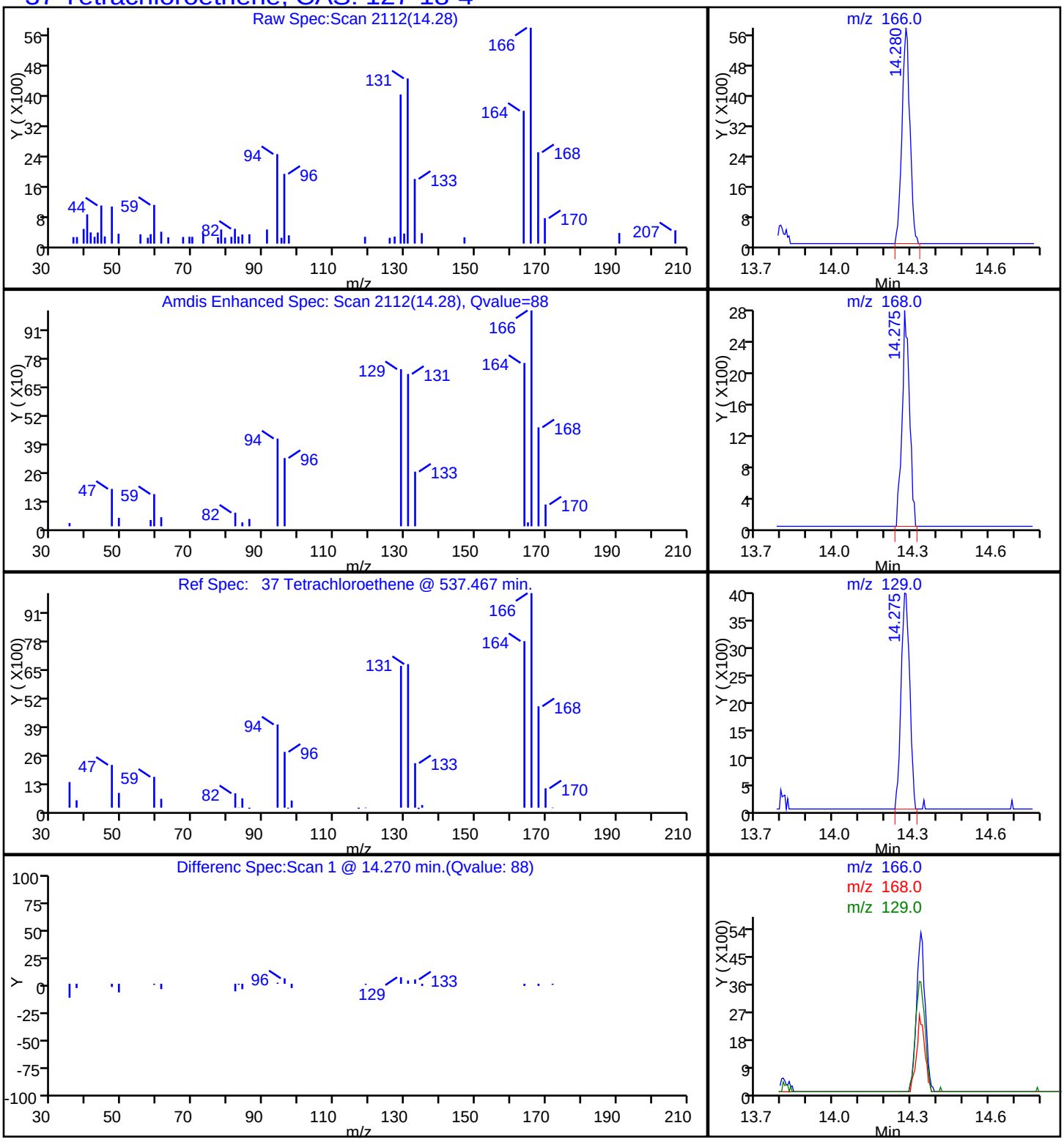
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5
Client ID:	RT-42-IA-032514		
Operator ID:	wrd	ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

37 Tetrachloroethene, CAS: 127-18-4



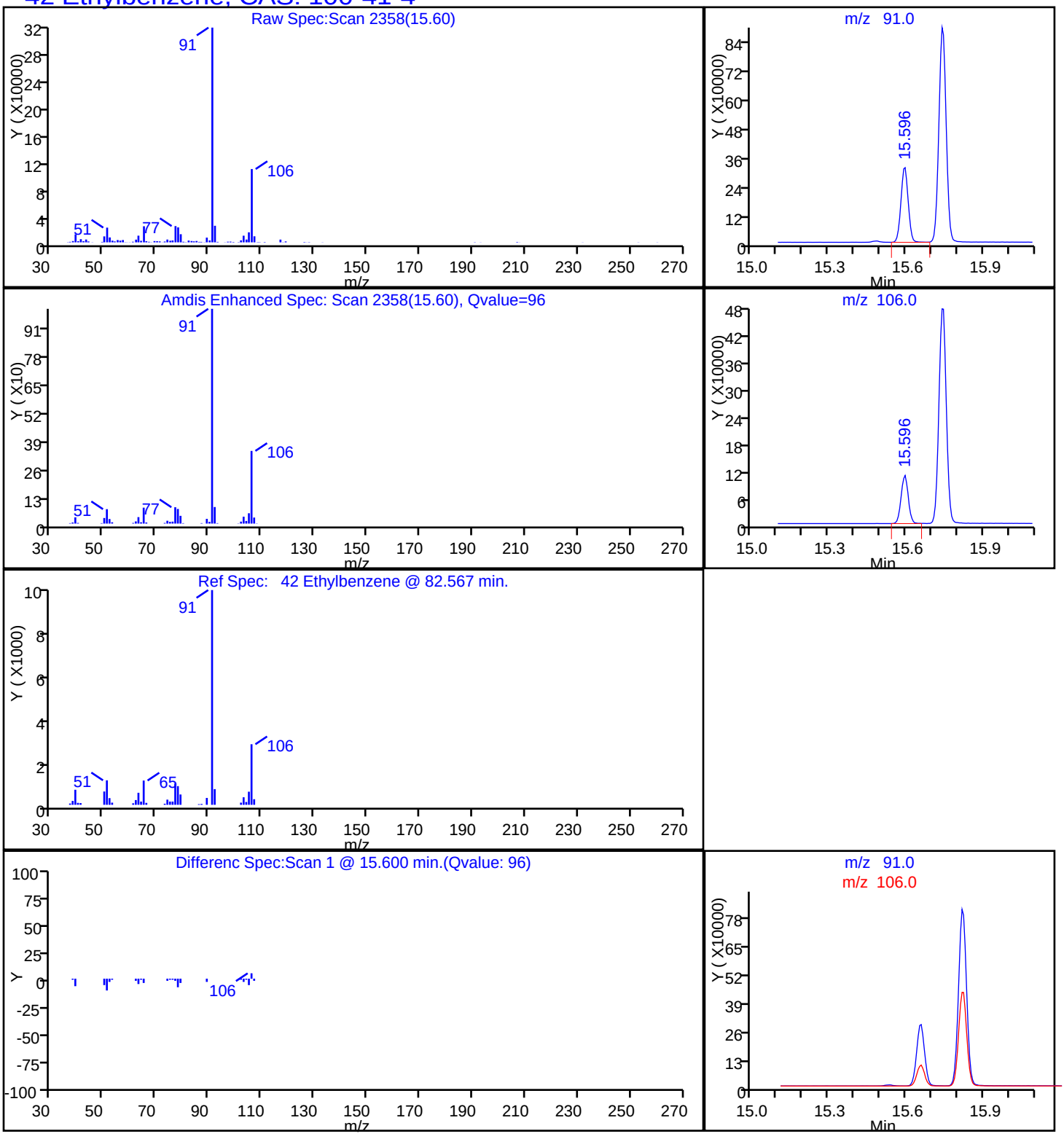
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Ethylbenzene, CAS: 100-41-4



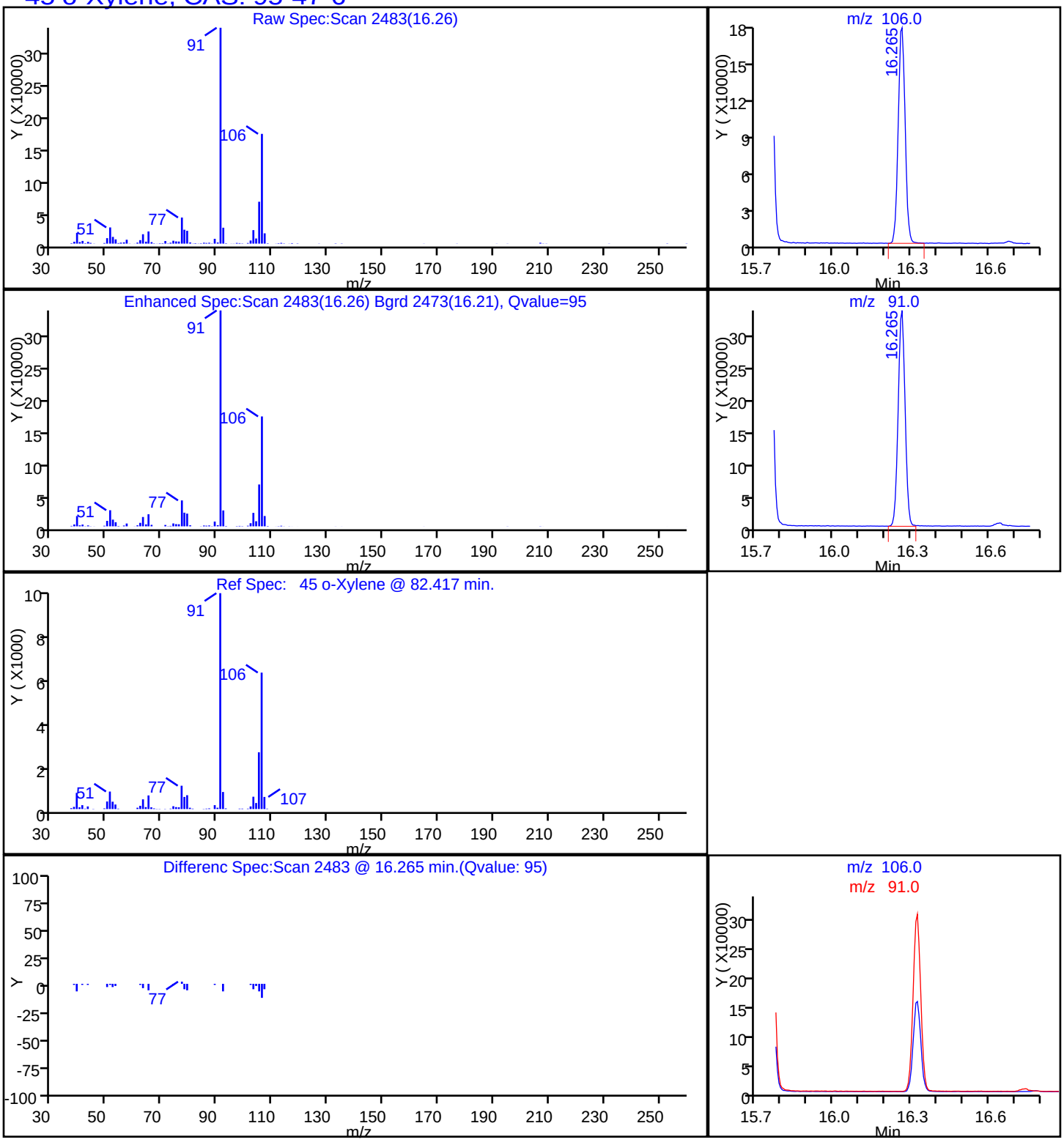
Report Date: 23-Apr-2014 14:51:24 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D

Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

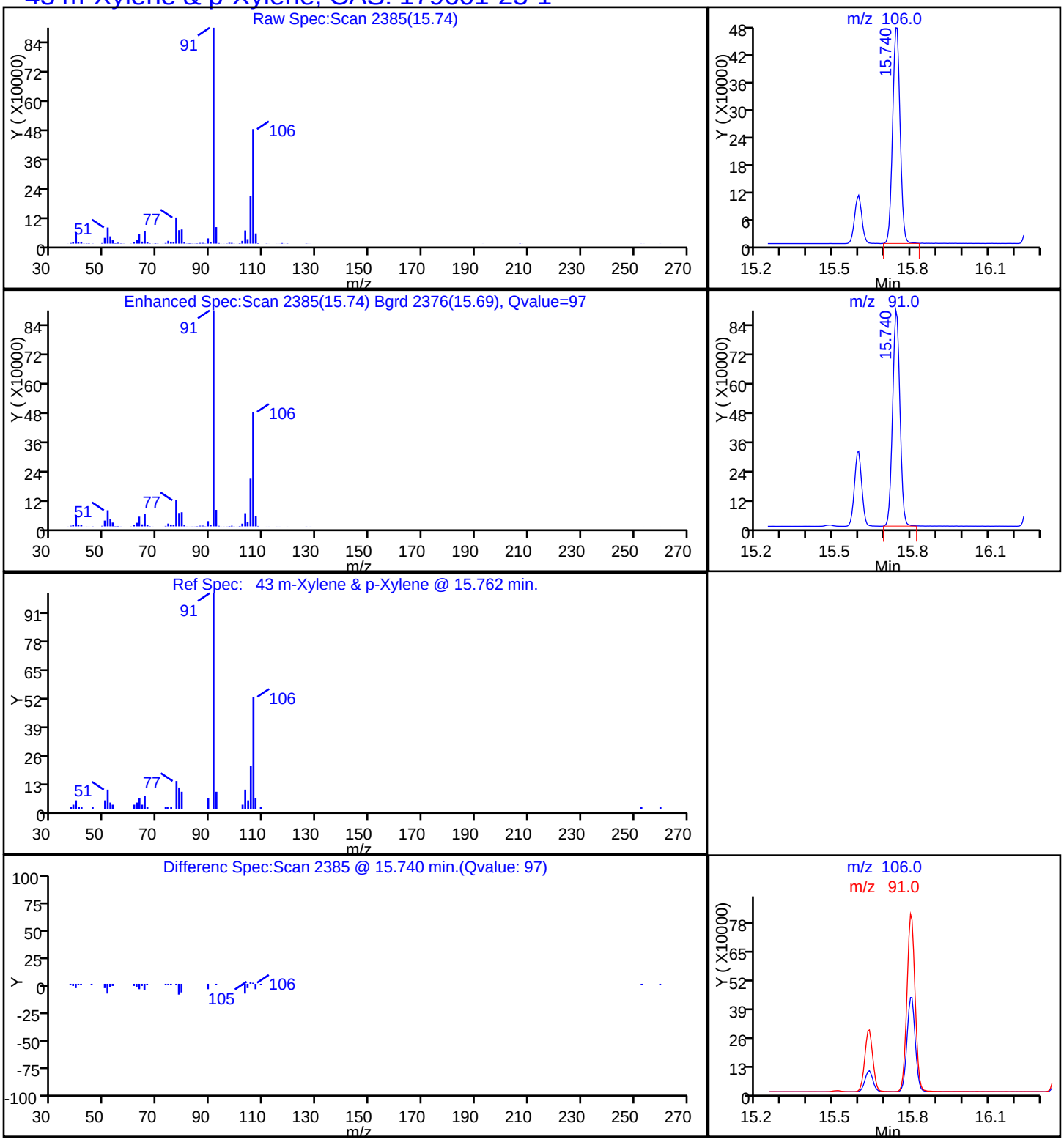
45 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_010.D				
Injection Date:	31-Mar-2014 16:41:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-42-IA-032514 DL Lab Sample ID: 200-21576-5 DL

Matrix: Air Lab File ID: 6778_025.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 06:15

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.050*	*U*	*0.050*	*0.050*
75-00-3	*Chloroethane*	*64.52*	*0.050*	*U*	*0.050*	*0.050*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-09-2	*Methylene Chloride*	*84.93*	*0.25*	*U*	*0.25*	*0.25*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.025*	*U*	*0.025*	*0.025*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.027*	*D*	*0.025*	*0.025*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.025*	*U*	*0.025*	*0.025*
79-01-6	*Trichloroethene*	*131.39*	*0.089*	*D*	*0.025*	*0.025*
108-88-3	Toluene	92.14	0.89	D	0.025	0.025
127-18-4	*Tetrachloroethene*	*165.83*	*0.025*	*U*	*0.025*	*0.025*
100-41-4	*Ethylbenzene*	*106.17*	*0.26*	*D*	*0.025*	*0.025*
95-47-6	*o-Xylene*	*106.17*	*0.34*	*D*	*0.025*	*0.025*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.027*	*D*	*0.025*	*0.025*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*1.0*	*D*	*0.050*	*0.050*
1330-20-7	*Xylenes, Total*	*106.17*	*1.4*	*D*	*0.025*	*0.025*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.050*	*U*	*0.050*	*0.050*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-42-IA-032514 DL Lab Sample ID: 200-21576-5 DL

Matrix: Air Lab File ID: 6778_025.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 06:15

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.13*	*U*	*0.13*	*0.13*
75-00-3	*Chloroethane*	*64.52*	*0.13*	*U*	*0.13*	*0.13*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-09-2	*Methylene Chloride*	*84.93*	*0.87*	*U*	*0.87*	*0.87*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.10*	*U*	*0.10*	*0.10*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.11*	*D*	*0.099*	*0.099*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.14*	*U*	*0.14*	*0.14*
79-01-6	*Trichloroethene*	*131.39*	*0.48*	*D*	*0.13*	*0.13*
108-88-3	Toluene	92.14	3.4	D	0.094	0.094
127-18-4	*Tetrachloroethene*	*165.83*	*0.17*	*U*	*0.17*	*0.17*
100-41-4	*Ethylbenzene*	*106.17*	*1.1*	*D*	*0.11*	*0.11*
95-47-6	*o-Xylene*	*106.17*	*1.5*	*D*	*0.11*	*0.11*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.11*	*D*	*0.099*	*0.099*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*4.4*	*D*	*0.22*	*0.22*
1330-20-7	*Xylenes, Total*	*106.17*	*5.9*	*D*	*0.11*	*0.11*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.20*	*U*	*0.20*	*0.20*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D
Lims ID: 200-21576-A-5 Lab Sample ID: 200-21576-5
Client ID: RT-42-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 06:15:30 ALS Bottle#: 9 Worklist Smp#: 25
Purge Vol: 500.000 mL Dil. Factor: 2.5000
Sample Info: 200-0006778-025
Misc. Info.: 21576-5
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:26:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.331	7.336	-0.005	79	30304	0.0737	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0108	
19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	30	4941	0.0108	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	77	1342028	2.00	
22 1,1,1-Trichloroethane	97		10.230					
27 1,2-Dichloroethane	62	10.888	10.888	0.000	27	2145	0.004673	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7111496	2.00	
30 Trichloroethene	95	11.712	11.712	0.000	94	20163	0.0354	
34 Toluene	92	13.510	13.510	0.000	94	318387	0.3565	
37 Tetrachloroethene	166	14.280	14.280	0.000	77	4626	0.006716	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6363739	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	97	184574	0.1045	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	98	279725	0.4053	
S 44 Xylenes, Total	106				0		0.5416	
45 o-Xylene	106	16.265	16.265	0.000	95	92252	0.1363	
51 BFB								

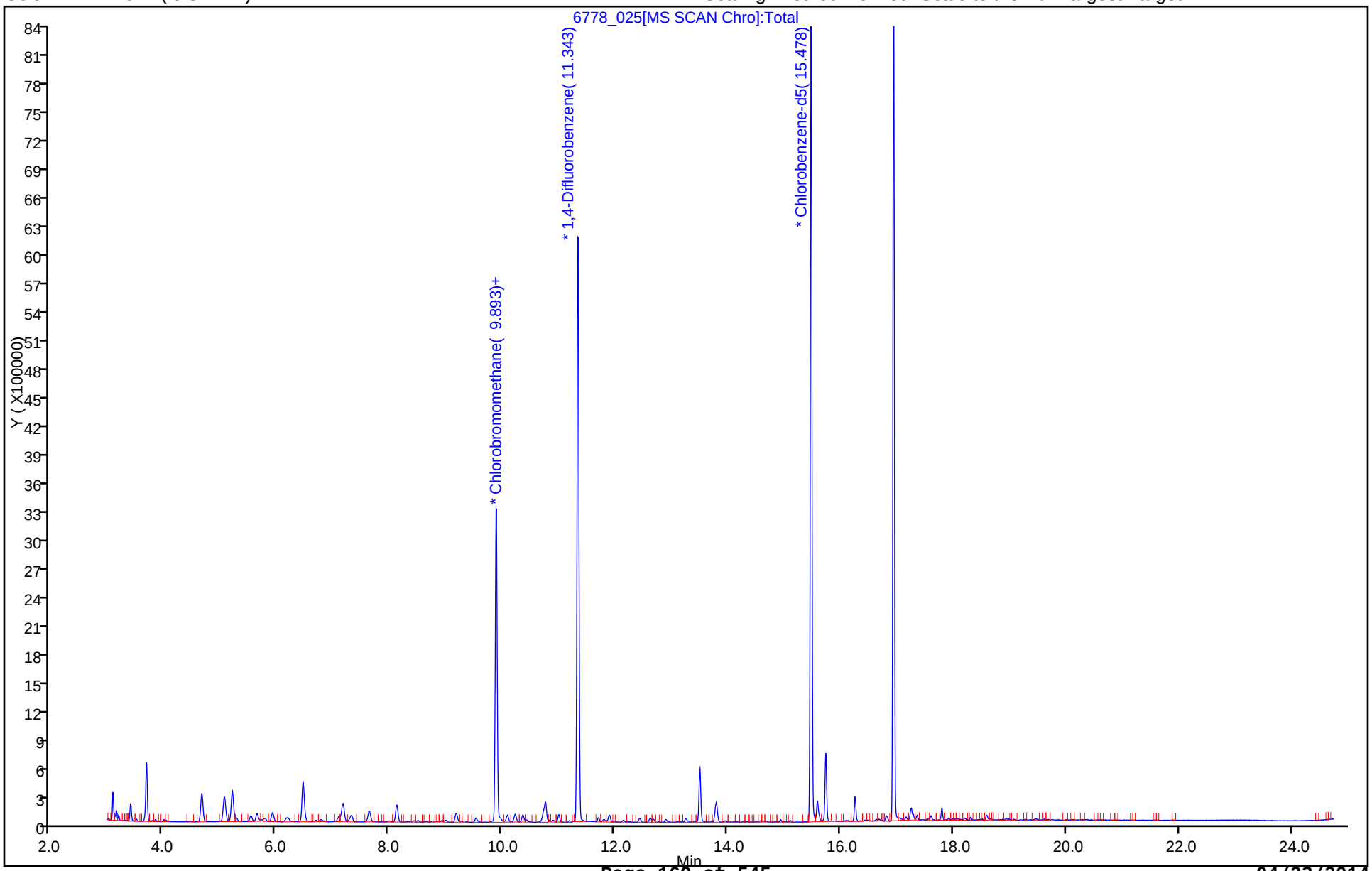
Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D

Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5	Worklist Smp#:	25
Client ID:	RT-42-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	2.5000	ALS Bottle#:	9
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



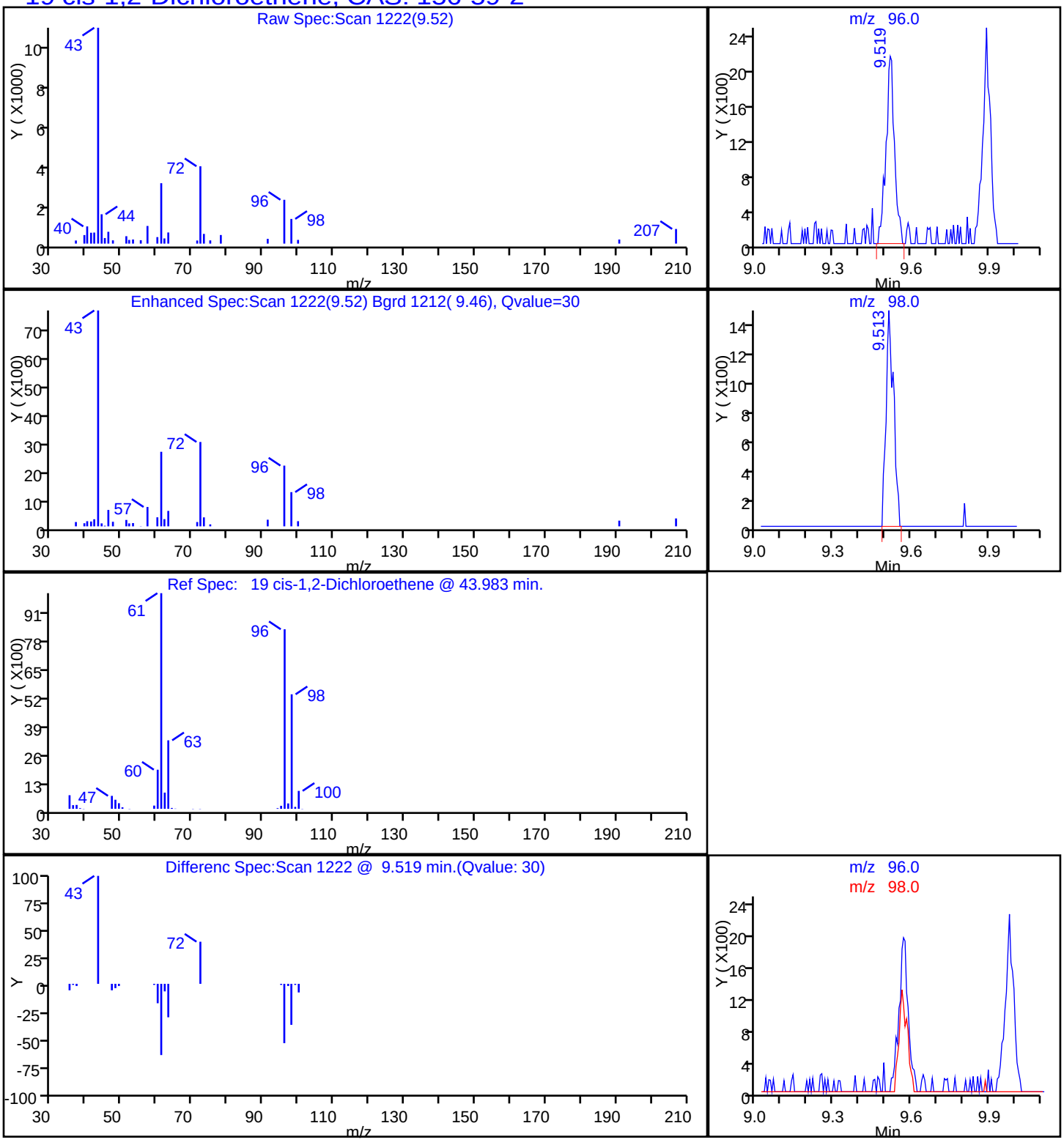
Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D

Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	25
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



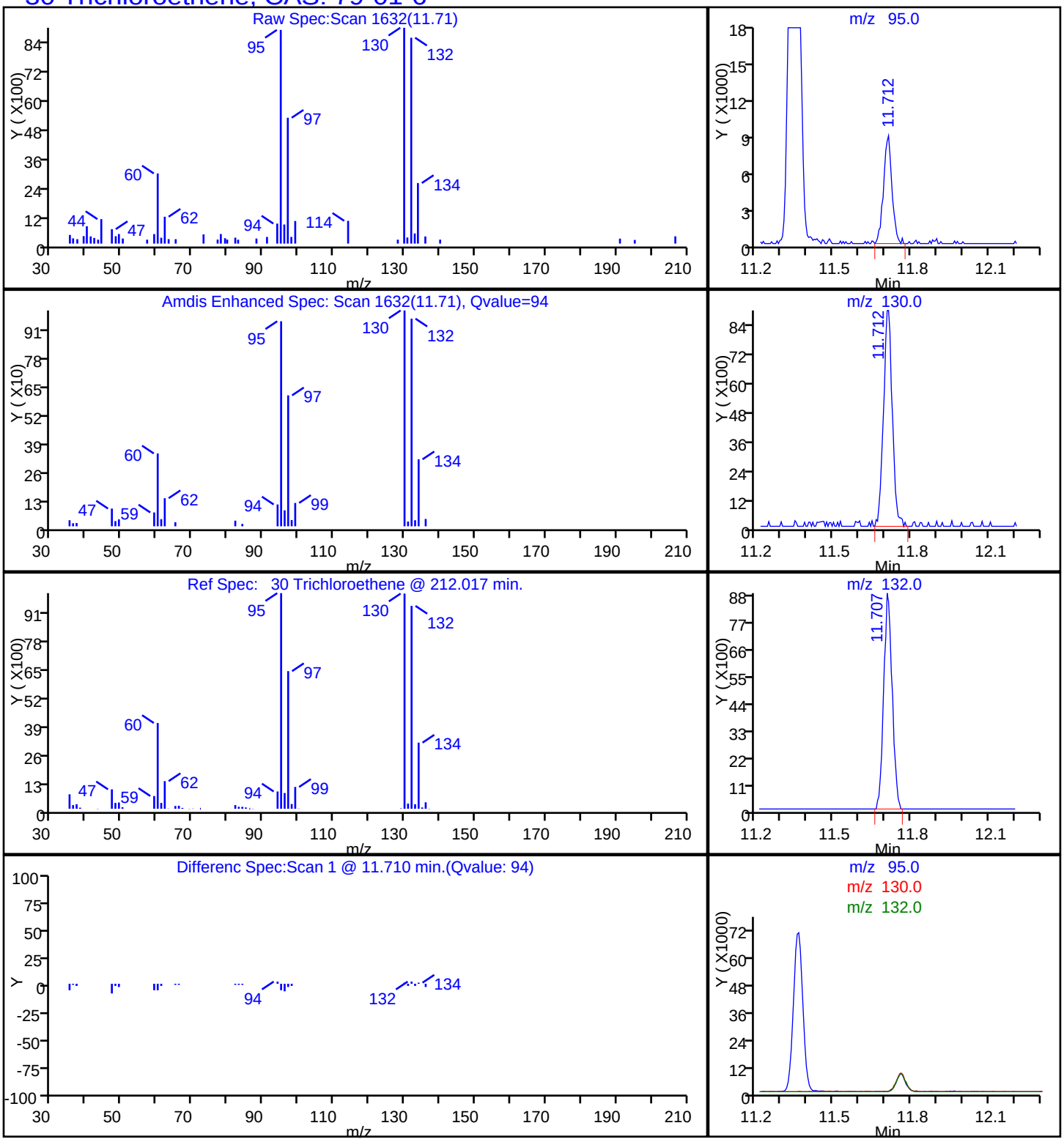
Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D

Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	25
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



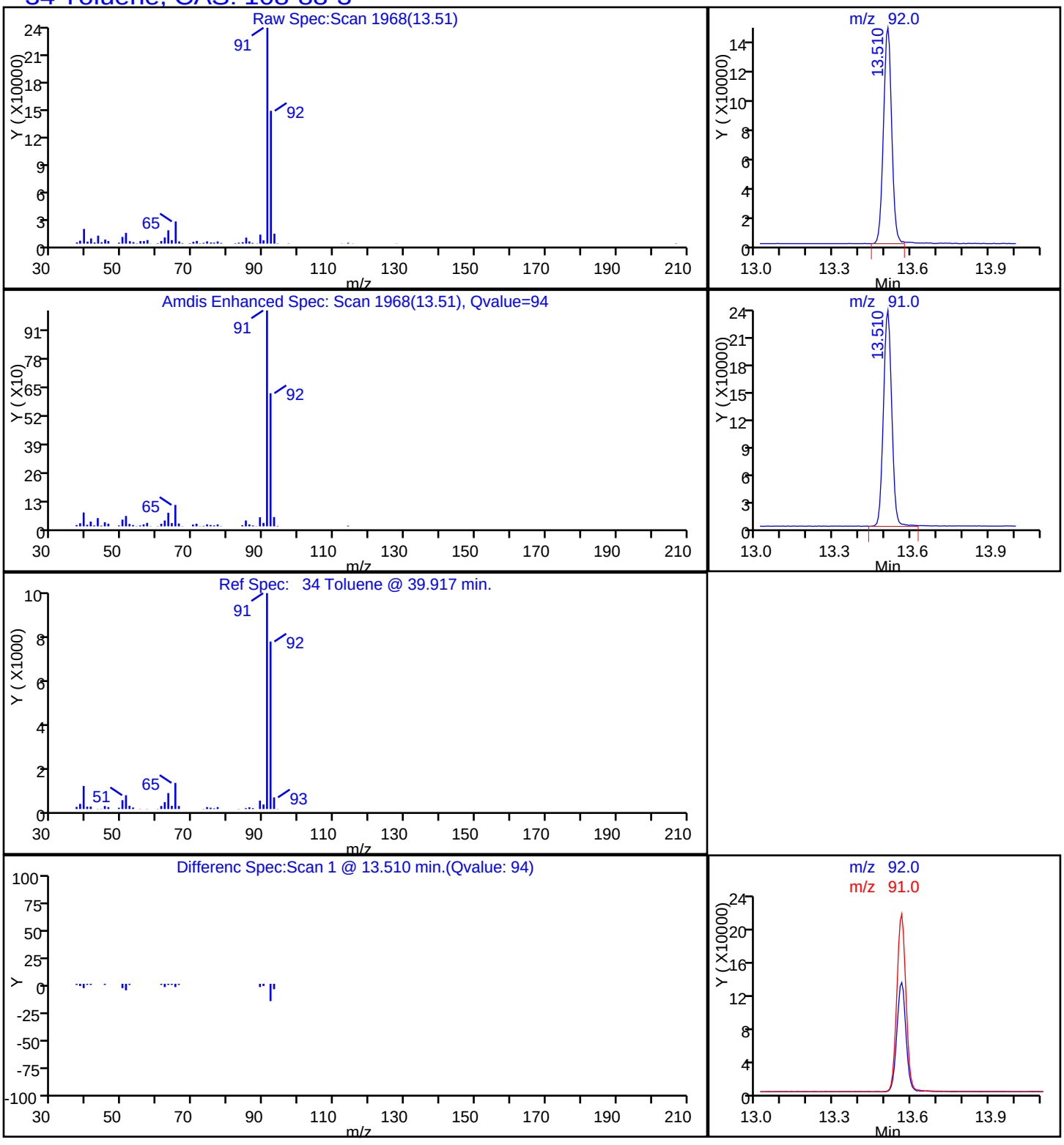
Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D

Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	25
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3

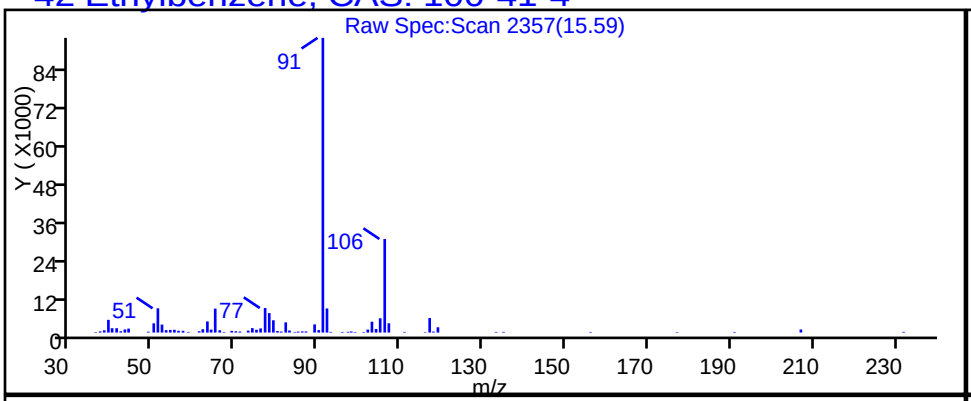


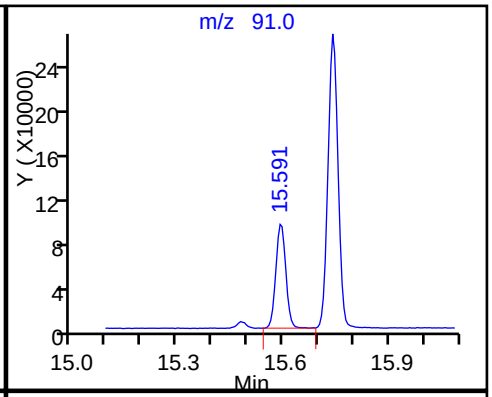
Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

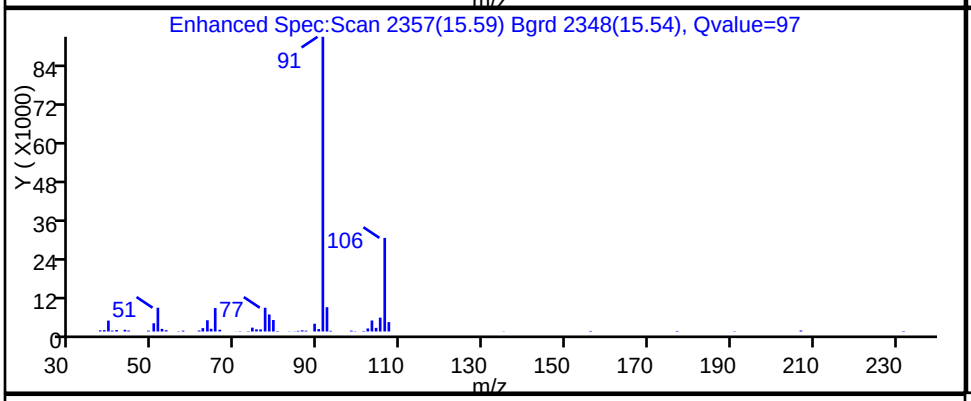
TestAmerica Burlington

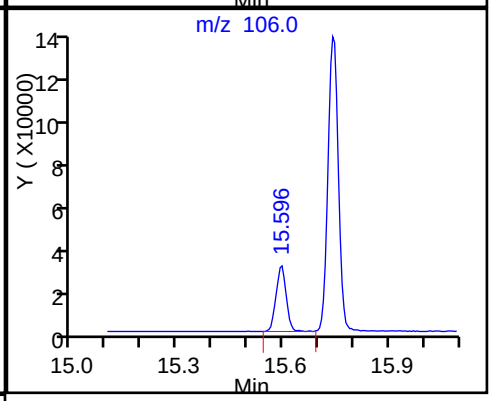
Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D				
Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	25
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

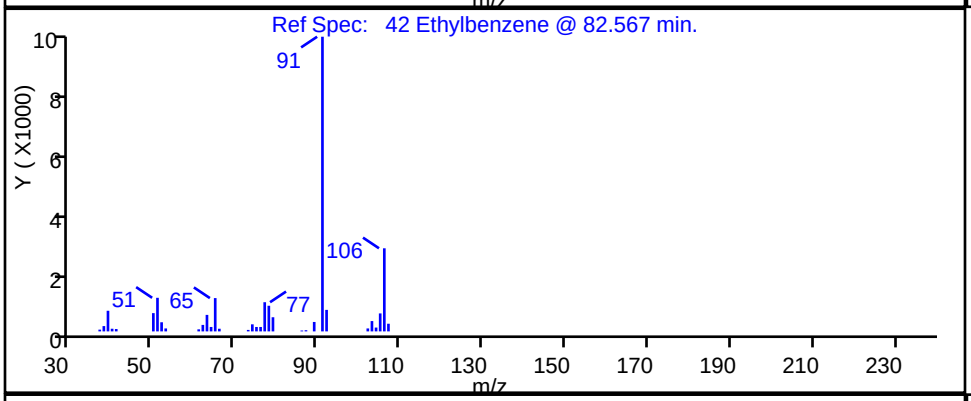
42 Ethylbenzene, CAS: 100-41-4

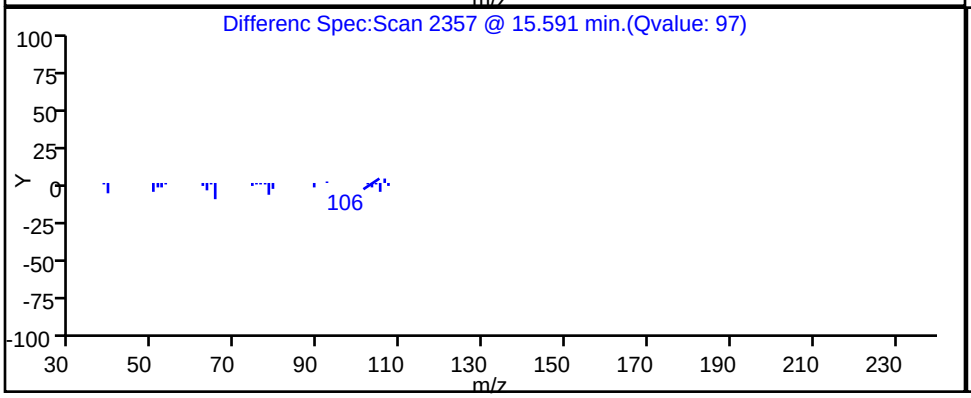


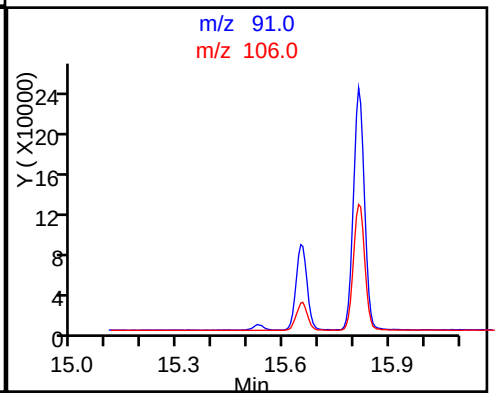












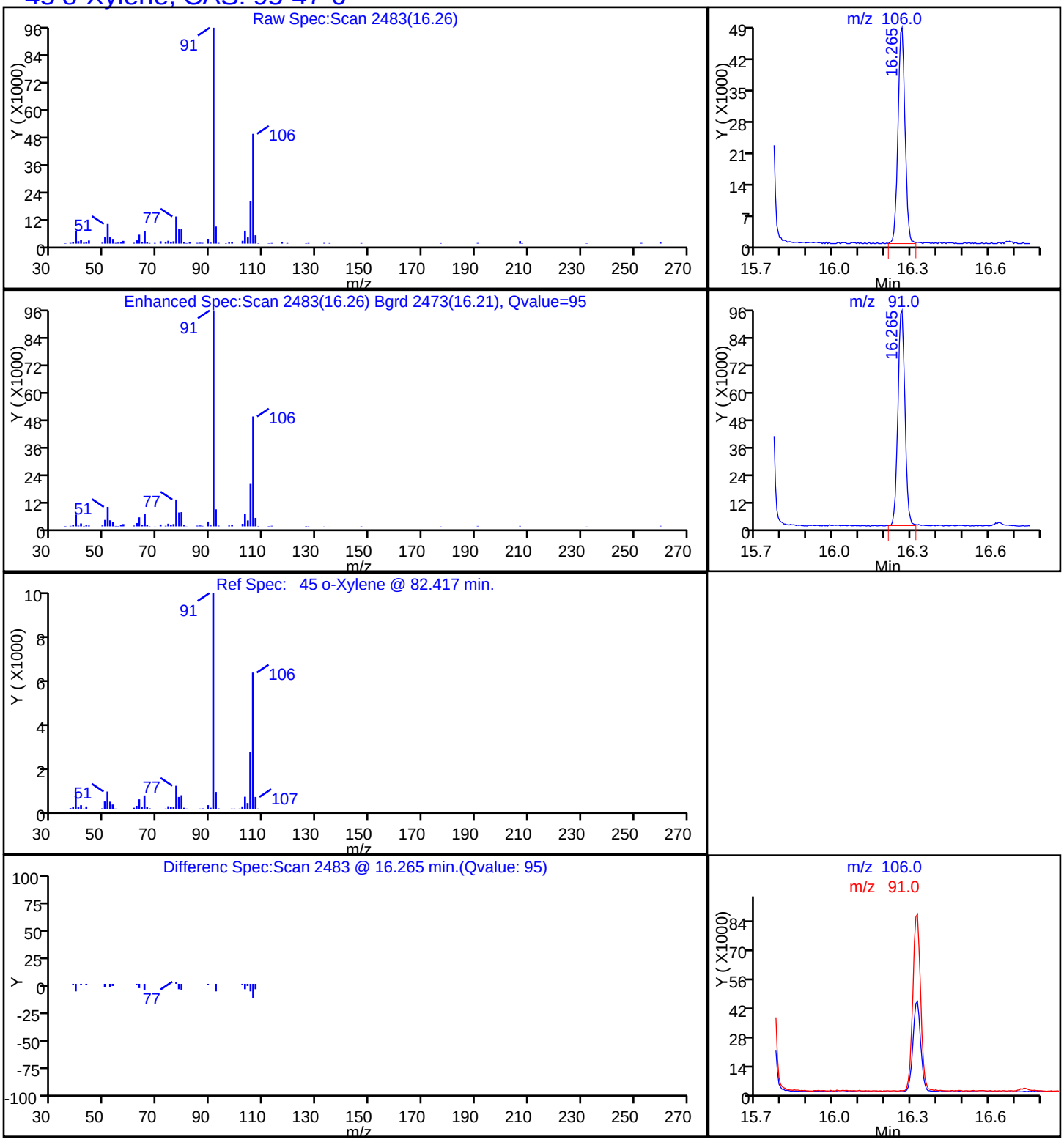
Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D

Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	25
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6

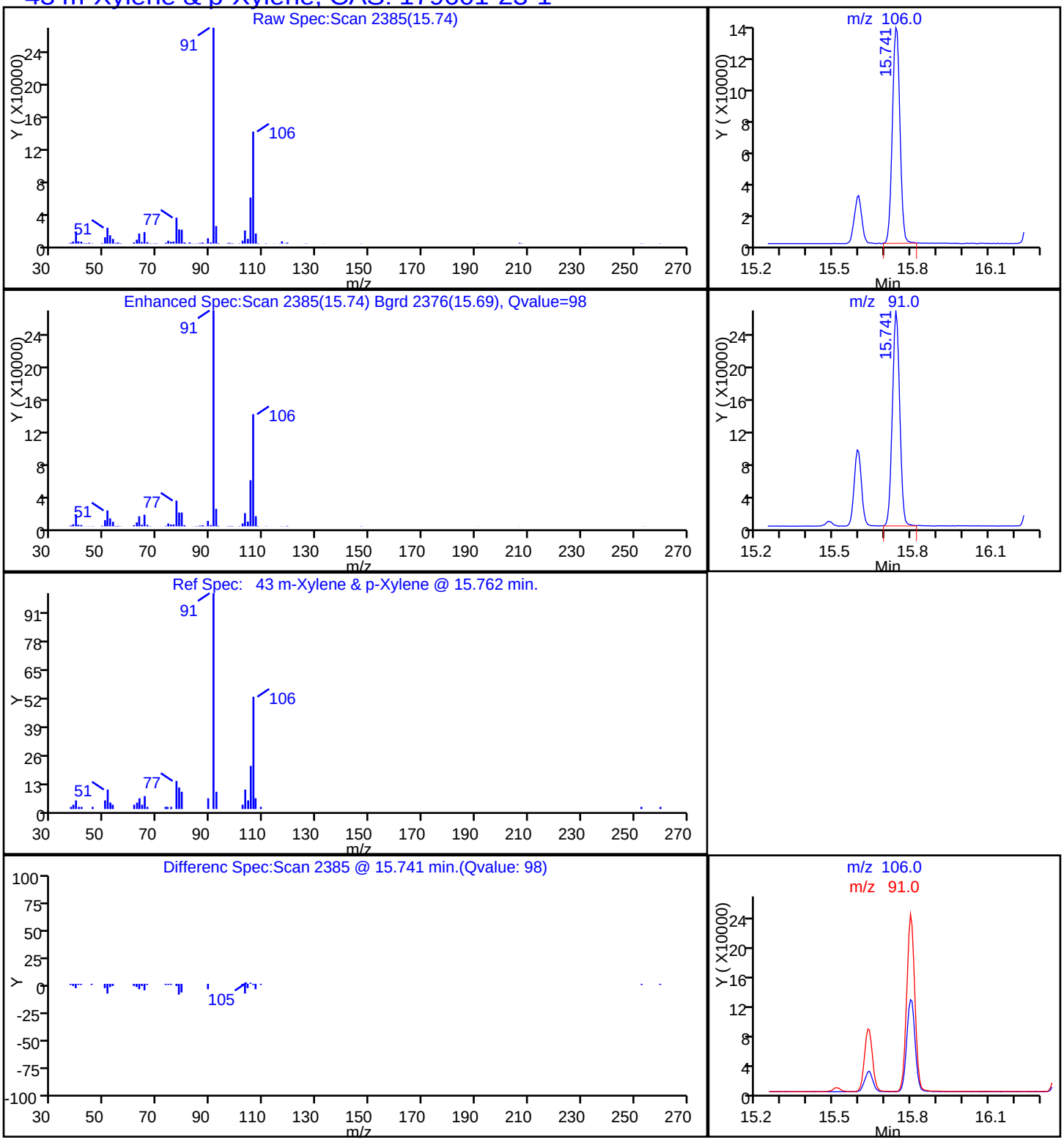


Report Date: 23-Apr-2014 14:58:41 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_025.D				
Injection Date:	01-Apr-2014 06:15:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-5	Lab Sample ID:	200-21576-5		
Client ID:	RT-42-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	25
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-43-IA-032514 Lab Sample ID: 200-21576-6

Matrix: Air Lab File ID: 6778_011.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:54

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 17:36

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.025		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.20		0.010	0.010
108-88-3	*Toluene*	*92.14*	*1.6*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.030		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.044		0.010	0.010
95-47-6	o-Xylene	106.17	0.085		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.025		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.16		0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.25		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-43-IA-032514 Lab Sample ID: 200-21576-6

Matrix: Air Lab File ID: 6778_011.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:54

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 17:36

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.10		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	1.1		0.054	0.054
108-88-3	*Toluene*	*92.14*	*6.0*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.20		0.068	0.068
100-41-4	Ethylbenzene	106.17	0.19		0.043	0.043
95-47-6	o-Xylene	106.17	0.37		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.10		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.71		0.087	0.087
1330-20-7	Xylenes, Total	106.17	1.1		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D
Lims ID: 200-21576-A-6 Lab Sample ID: 200-21576-6
Client ID: RT-43-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 17:36:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-011
Misc. Info.: 21576-6
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:10:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	4 Vinyl chloride	62		3.736					
	7 Chloroethane	64		4.597					
	11 1,1-Dichloroethene	96		6.256					
	13 Methylene Chloride	49	7.336	7.336	0.000	80	35827	0.0894	
	15 trans-1,2-Dichloroethene	61		7.775					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61				0		0.0254	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	52	11266	0.0254	
*	20 Chlorobromomethane	128	9.899	9.899	0.000	77	1308519	2.00	
	22 1,1,1-Trichloroethane	97		10.230					
	27 1,2-Dichloroethane	62	10.883	10.888	-0.005	71	5660	0.0128	
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.000	92	6861085	2.00	
	30 Trichloroethene	95	11.712	11.712	0.000	93	107749	0.1961	
	34 Toluene	92	13.510	13.510	0.000	93	1356979	1.59	E
	37 Tetrachloroethene	166	14.275	14.280	-0.005	95	19611	0.0297	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6093747	2.00	
	42 Ethylbenzene	91	15.596	15.596	0.000	93	74782	0.0442	
	43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	97	108008	0.1634	
S	44 Xylenes, Total	106				0		0.2482	
	45 o-Xylene	106	16.265	16.265	0.000	94	54943	0.0848	
	51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

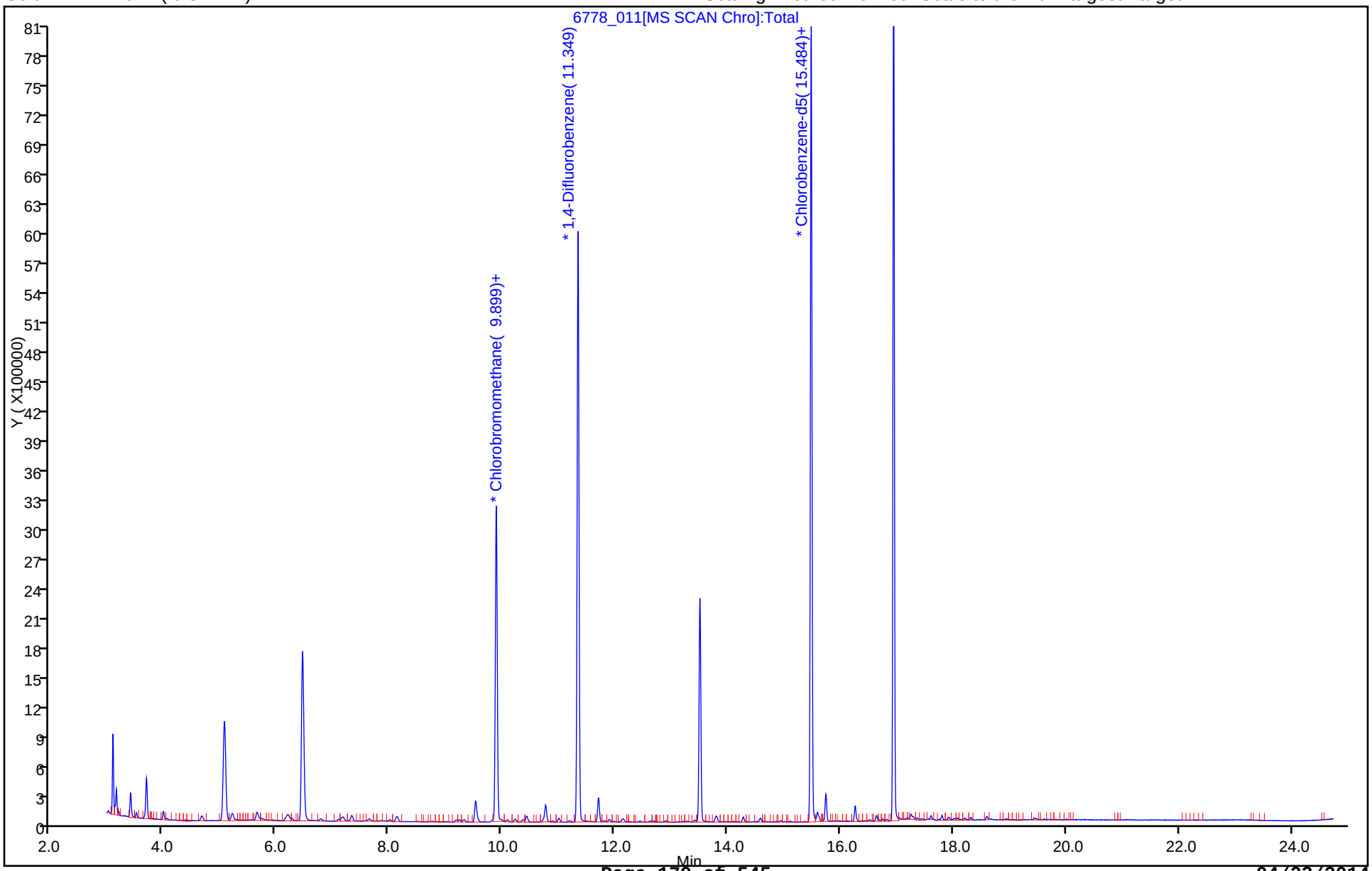
Report Date: 23-Apr-2014 14:51:31 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D

Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6	Worklist Smp#:	11
Client ID:	RT-43-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



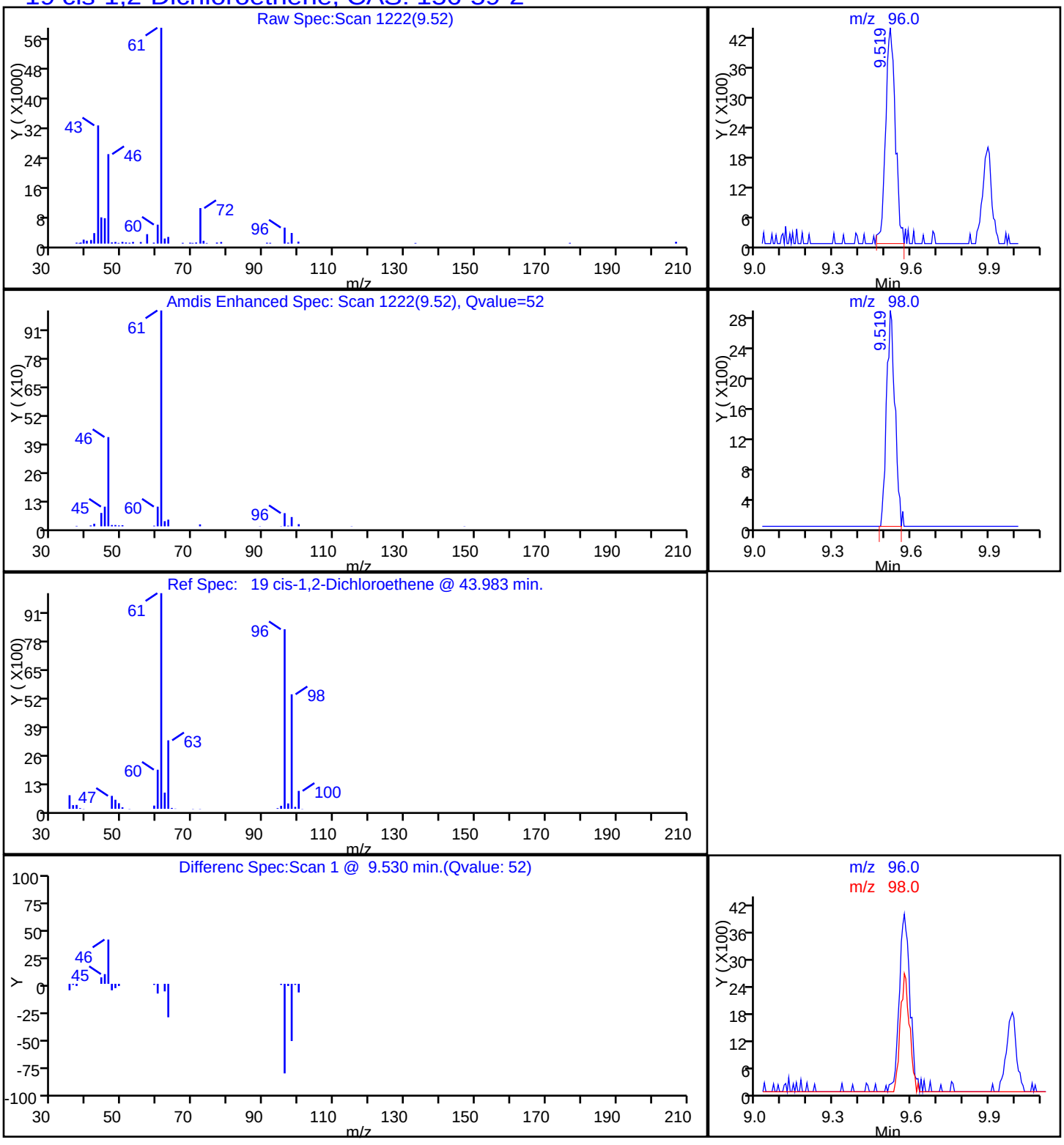
Report Date: 23-Apr-2014 14:51:31 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D

Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



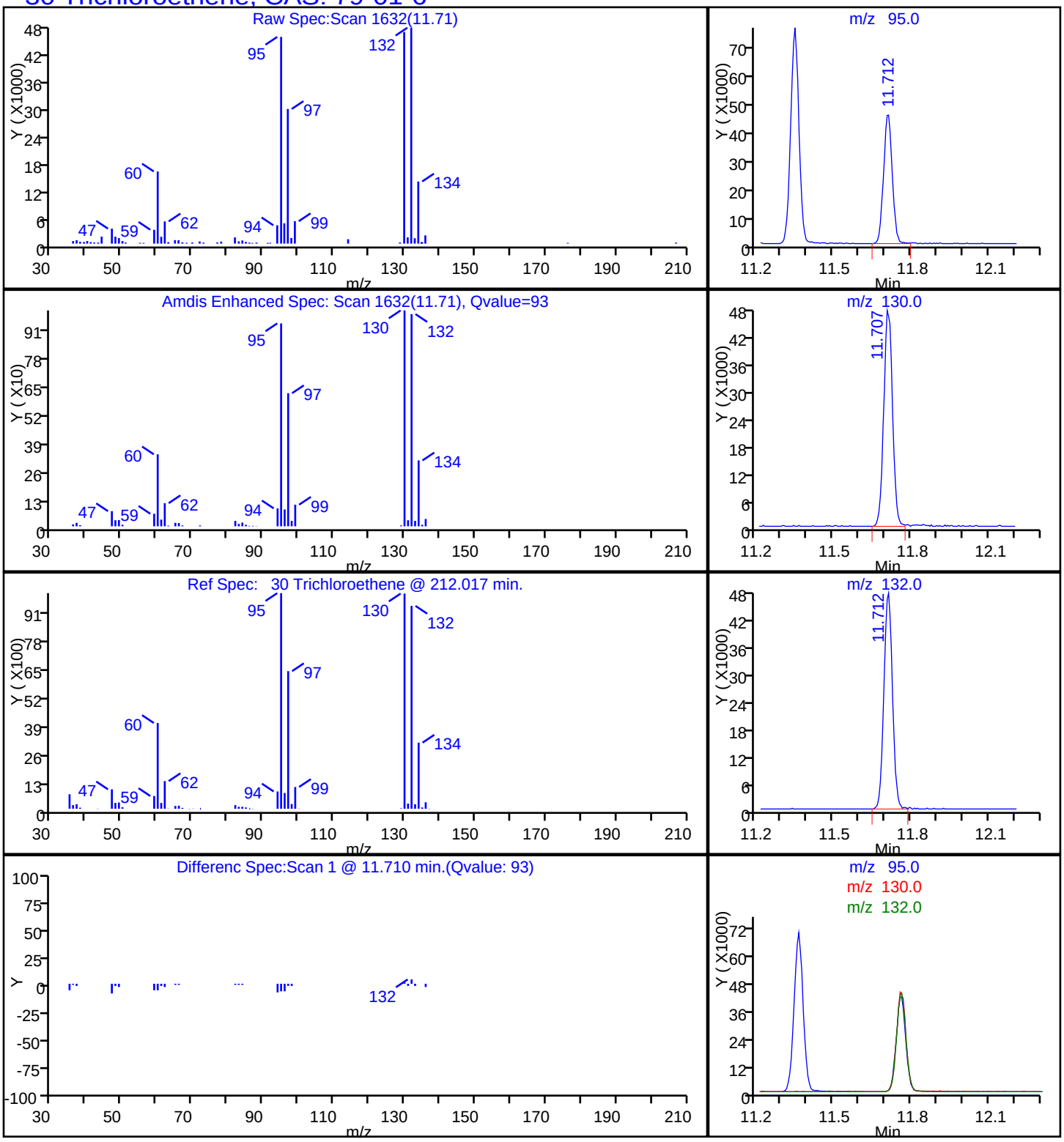
Report Date: 23-Apr-2014 14:51:31 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D

Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6
Client ID:	RT-43-IA-032514		
Operator ID:	wrd	ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

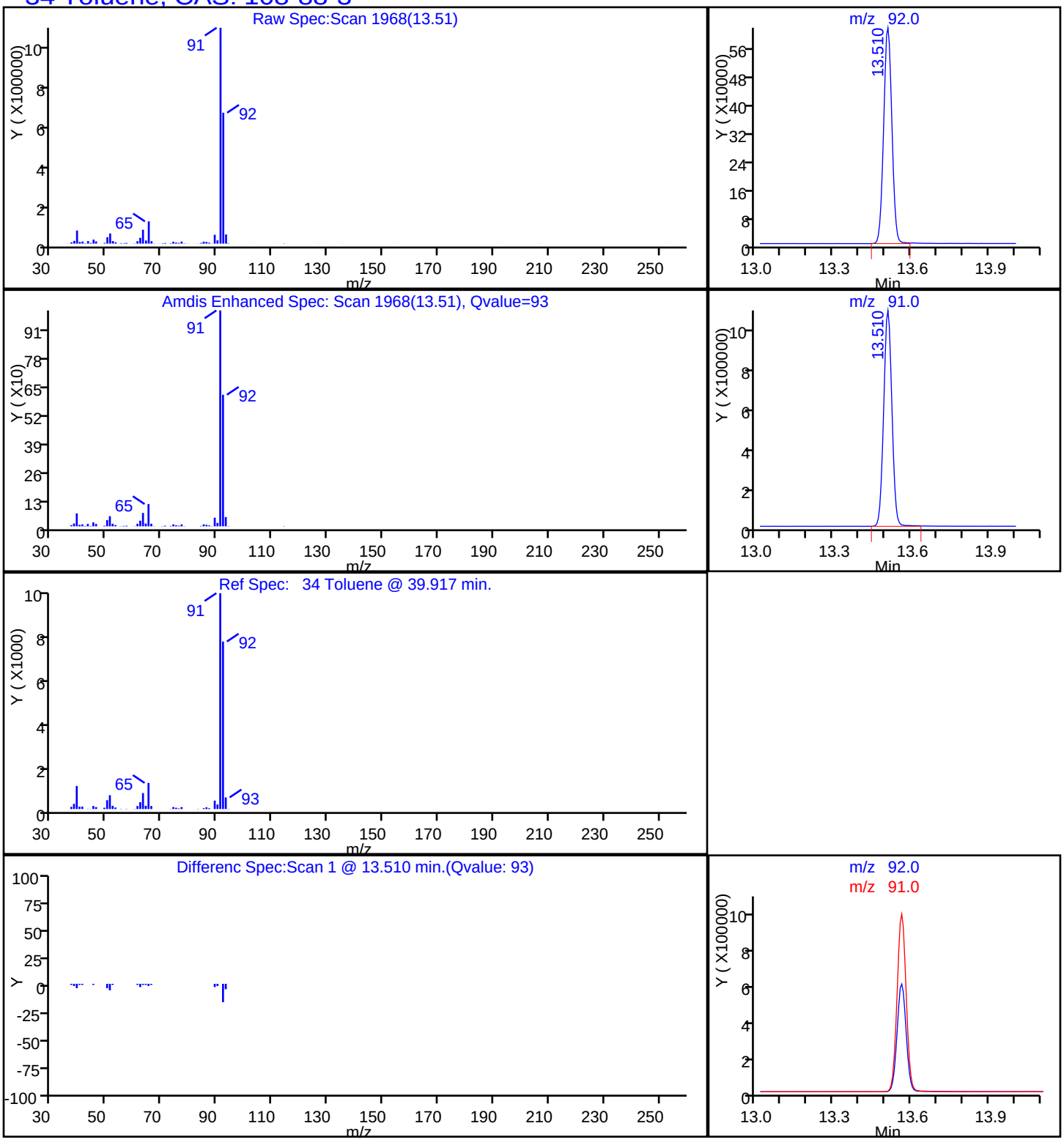
30 Trichloroethene, CAS: 79-01-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D				
Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



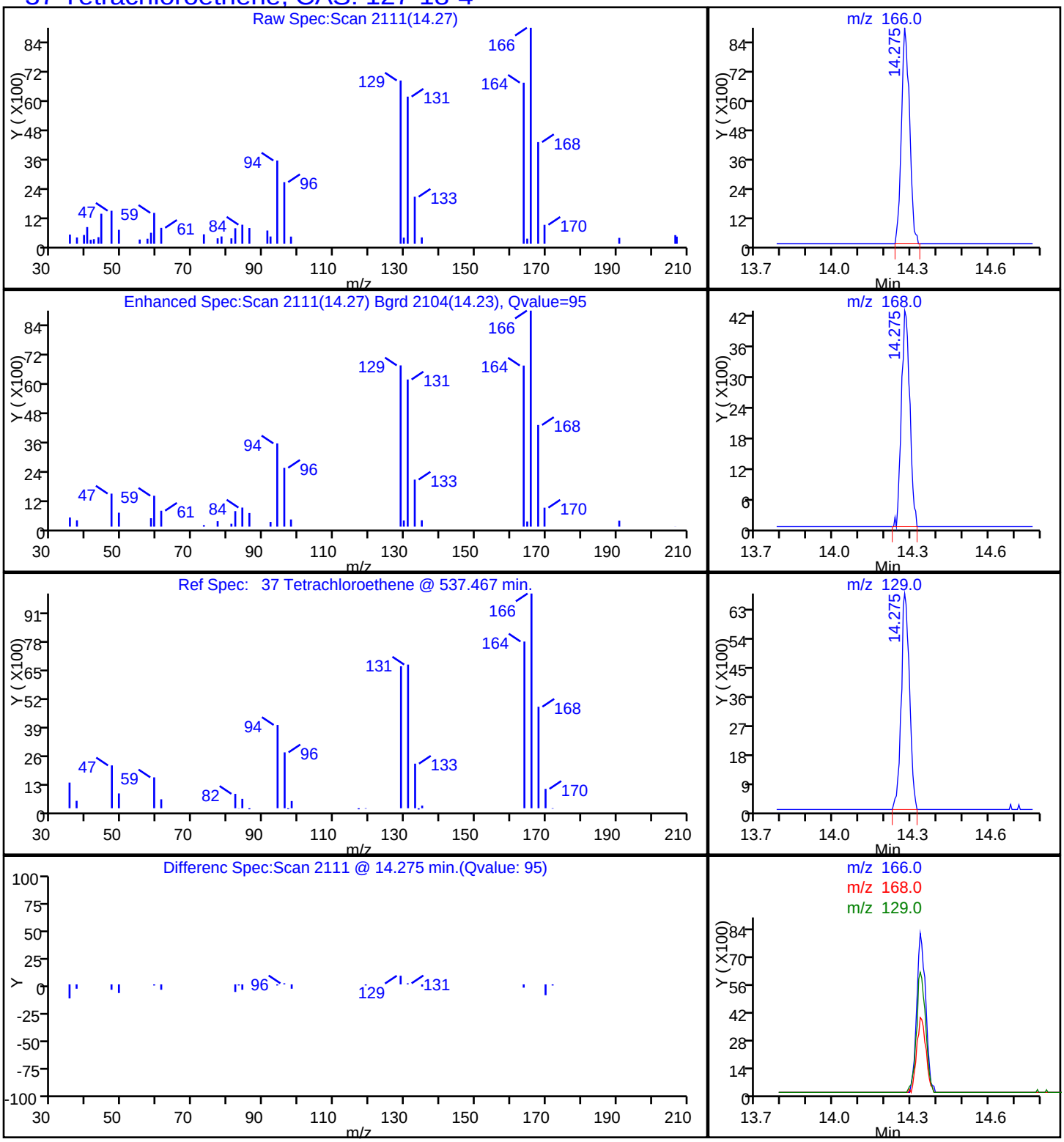
Report Date: 23-Apr-2014 14:51:31 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D

Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

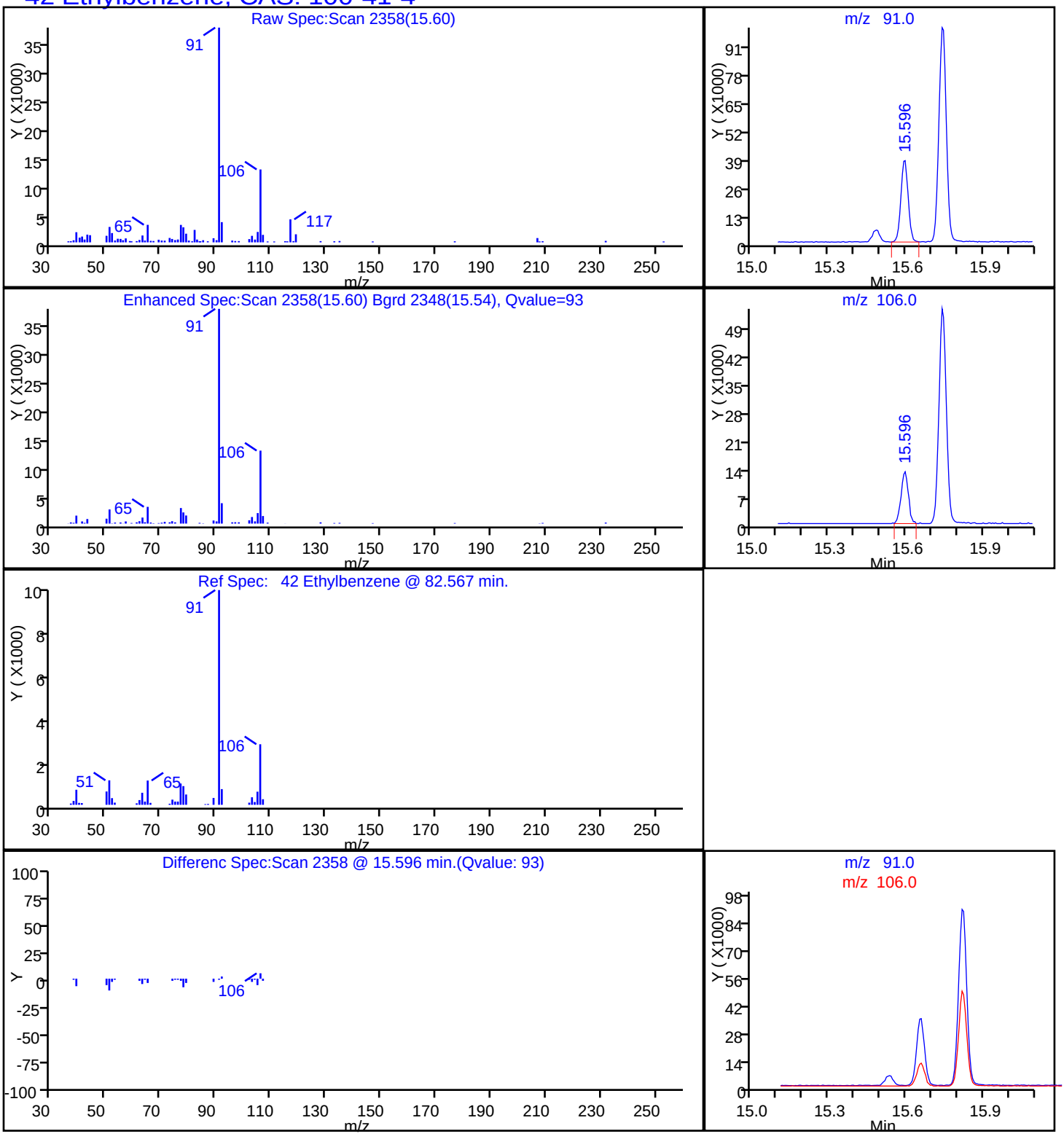
37 Tetrachloroethene, CAS: 127-18-4



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D		
Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6
Client ID:	RT-43-IA-032514		
Operator ID:	wrd	ALS Bottle#:	10 Worklist Smp#: 11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN

42 Ethylbenzene, CAS: 100-41-4



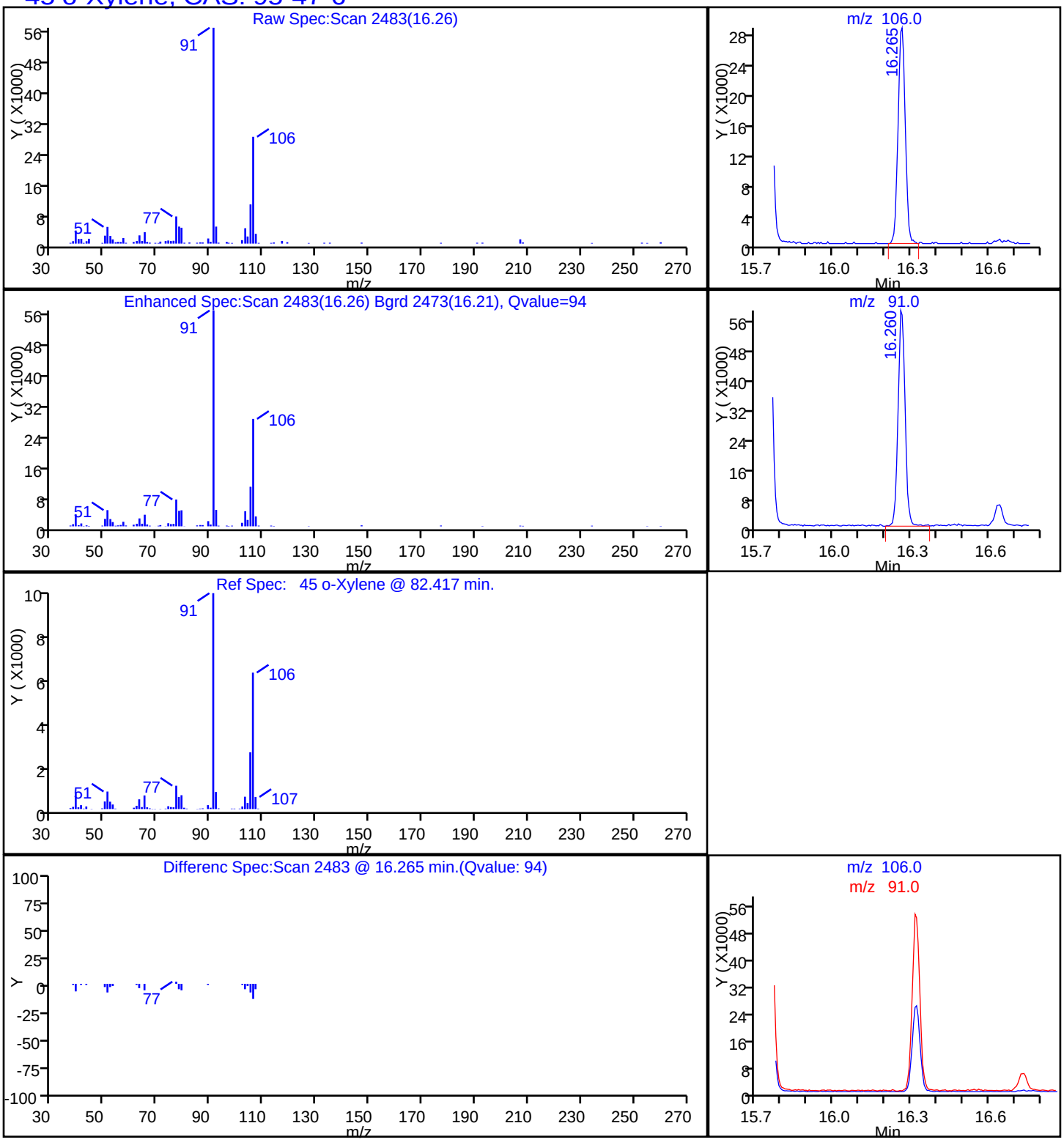
Report Date: 23-Apr-2014 14:51:31 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D

Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6

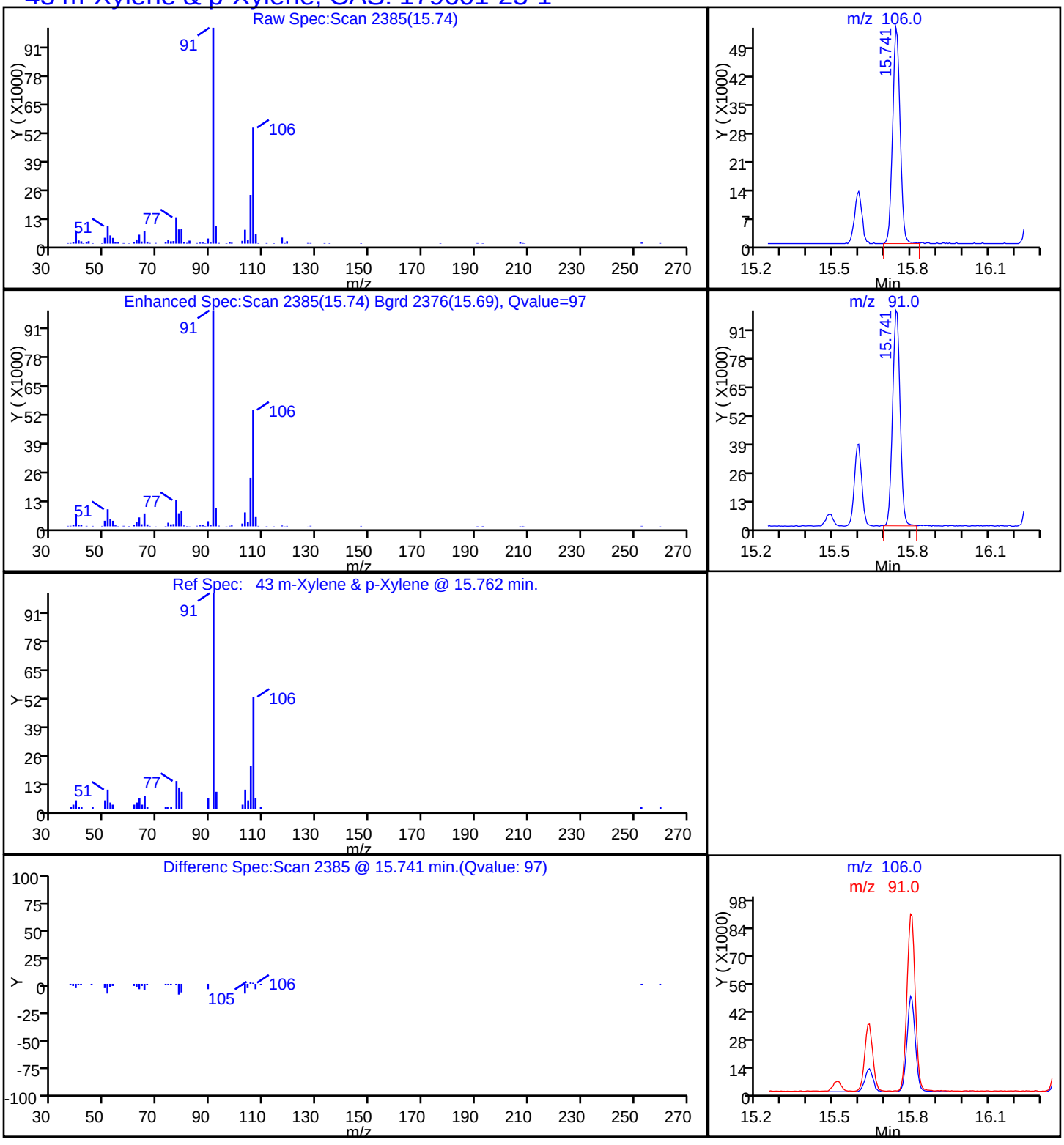


Report Date: 23-Apr-2014 14:51:31 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_011.D				
Injection Date:	31-Mar-2014 17:36:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-43-IA-032514 DL Lab Sample ID: 200-21576-6 DL

Matrix: Air Lab File ID: 6778_026.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:54

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 07:09

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.050*	*U*	*0.050*	*0.050*
75-00-3	*Chloroethane*	*64.52*	*0.050*	*U*	*0.050*	*0.050*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-09-2	*Methylene Chloride*	*84.93*	*0.25*	*U*	*0.25*	*0.25*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.025*	*U*	*0.025*	*0.025*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.025*	*U*	*0.025*	*0.025*
79-01-6	*Trichloroethene*	*131.39*	*0.19*	*D*	*0.025*	*0.025*
108-88-3	Toluene	92.14	1.3	D	0.025	0.025
127-18-4	*Tetrachloroethene*	*165.83*	*0.027*	*D*	*0.025*	*0.025*
100-41-4	*Ethylbenzene*	*106.17*	*0.039*	*D*	*0.025*	*0.025*
95-47-6	*o-Xylene*	*106.17*	*0.068*	*D*	*0.025*	*0.025*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.025*	*U*	*0.025*	*0.025*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*0.13*	*D*	*0.050*	*0.050*
1330-20-7	*Xylenes, Total*	*106.17*	*0.19*	*D*	*0.025*	*0.025*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.050*	*U*	*0.050*	*0.050*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-43-IA-032514 DL Lab Sample ID: 200-21576-6 DL

Matrix: Air Lab File ID: 6778_026.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:54

Sample wt/vol: 200(mL) Date Analyzed: 04/01/2014 07:09

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.13*	*U*	*0.13*	*0.13*
75-00-3	*Chloroethane*	*64.52*	*0.13*	*U*	*0.13*	*0.13*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-09-2	*Methylene Chloride*	*84.93*	*0.87*	*U*	*0.87*	*0.87*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.10*	*U*	*0.10*	*0.10*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.14*	*U*	*0.14*	*0.14*
79-01-6	*Trichloroethene*	*131.39*	*1.0*	*D*	*0.13*	*0.13*
108-88-3	Toluene	92.14	4.9	D	0.094	0.094
127-18-4	*Tetrachloroethene*	*165.83*	*0.18*	*D*	*0.17*	*0.17*
100-41-4	*Ethylbenzene*	*106.17*	*0.17*	*D*	*0.11*	*0.11*
95-47-6	*o-Xylene*	*106.17*	*0.30*	*D*	*0.11*	*0.11*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.099*	*U*	*0.099*	*0.099*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*0.55*	*D*	*0.22*	*0.22*
1330-20-7	*Xylenes, Total*	*106.17*	*0.84*	*D*	*0.11*	*0.11*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.20*	*U*	*0.20*	*0.20*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D
Lims ID: 200-21576-A-6 Lab Sample ID: 200-21576-6
Client ID: RT-43-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 07:09:30 ALS Bottle#: 10 Worklist Smp#: 26
Purge Vol: 500.000 mL Dil. Factor: 2.5000
Sample Info: 200-0006778-026
Misc. Info.: 21576-6
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 02-Apr-2014 12:17:38

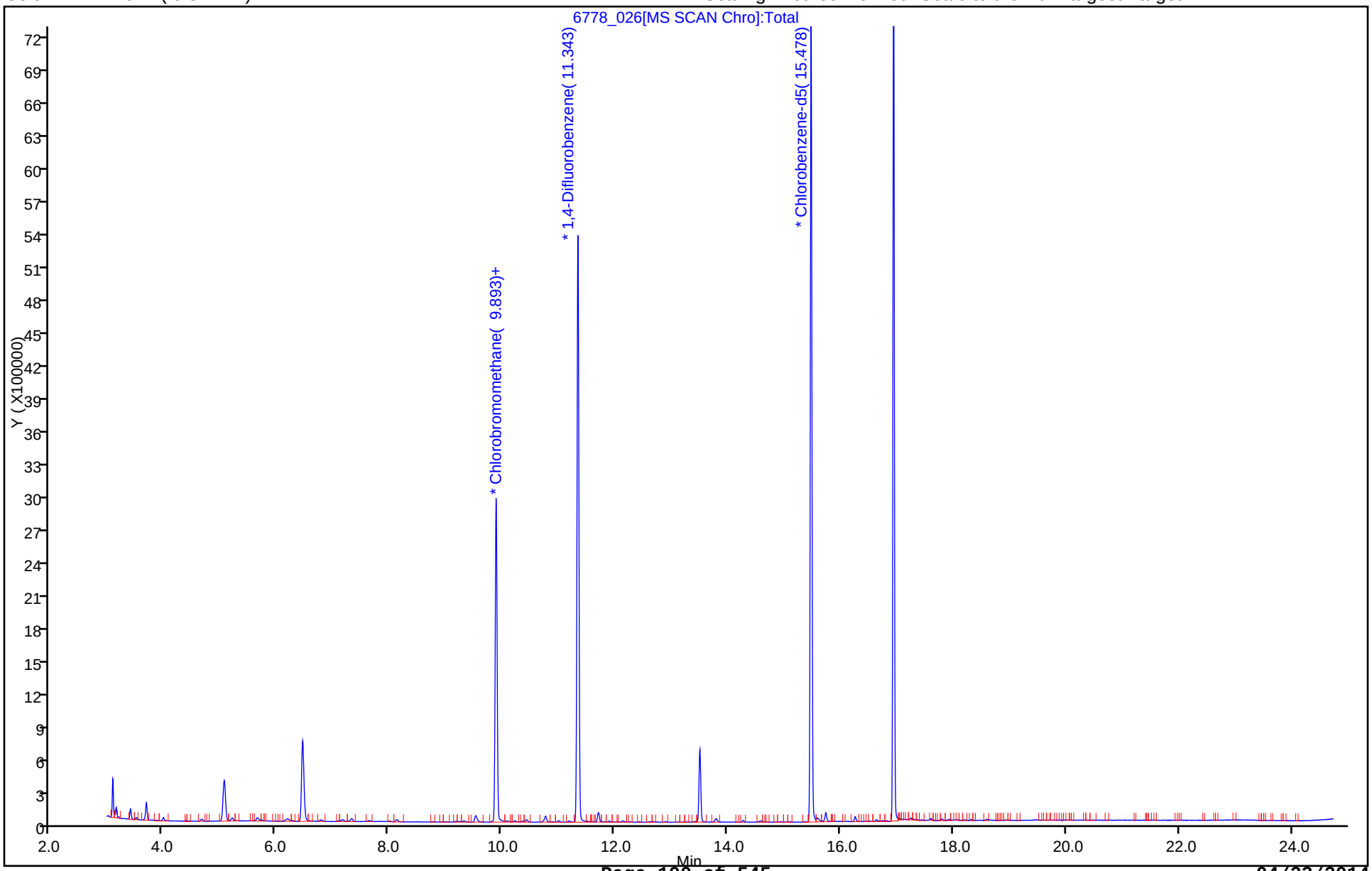
Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.331	7.336	-0.005	81	18435	0.0516	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.009318	
19 cis-1,2-Dichloroethene	96	9.513	9.524	-0.011	37	3690	0.009318	
* 20 Chlorobromomethane	128	9.893	9.899	-0.006	78	1166377	2.00	
22 1,1,1-Trichloroethane	97		10.230					
27 1,2-Dichloroethane	62	10.883	10.888	-0.005	31	1847	0.004697	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	93	6092508	2.00	
30 Trichloroethene	95	11.707	11.712	-0.005	97	37916	0.0777	
34 Toluene	92	13.510	13.510	0.000	94	395741	0.5185	
37 Tetrachloroethene	166	14.275	14.280	-0.005	83	6305	0.0107	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	83	5437792	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	93	23305	0.0154	
43 m-Xylene & p-Xylene	106	15.740	15.746	-0.006	93	29795	0.0505	
S 44 Xylenes, Total	106				0		0.0778	
45 o-Xylene	106	16.265	16.265	0.000	95	15777	0.0273	
51 BFB								

Report Date: 23-Apr-2014 14:58:46 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D				
Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6	Worklist Smp#:	26
Client ID:	RT-43-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	2.5000	ALS Bottle#:	10
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



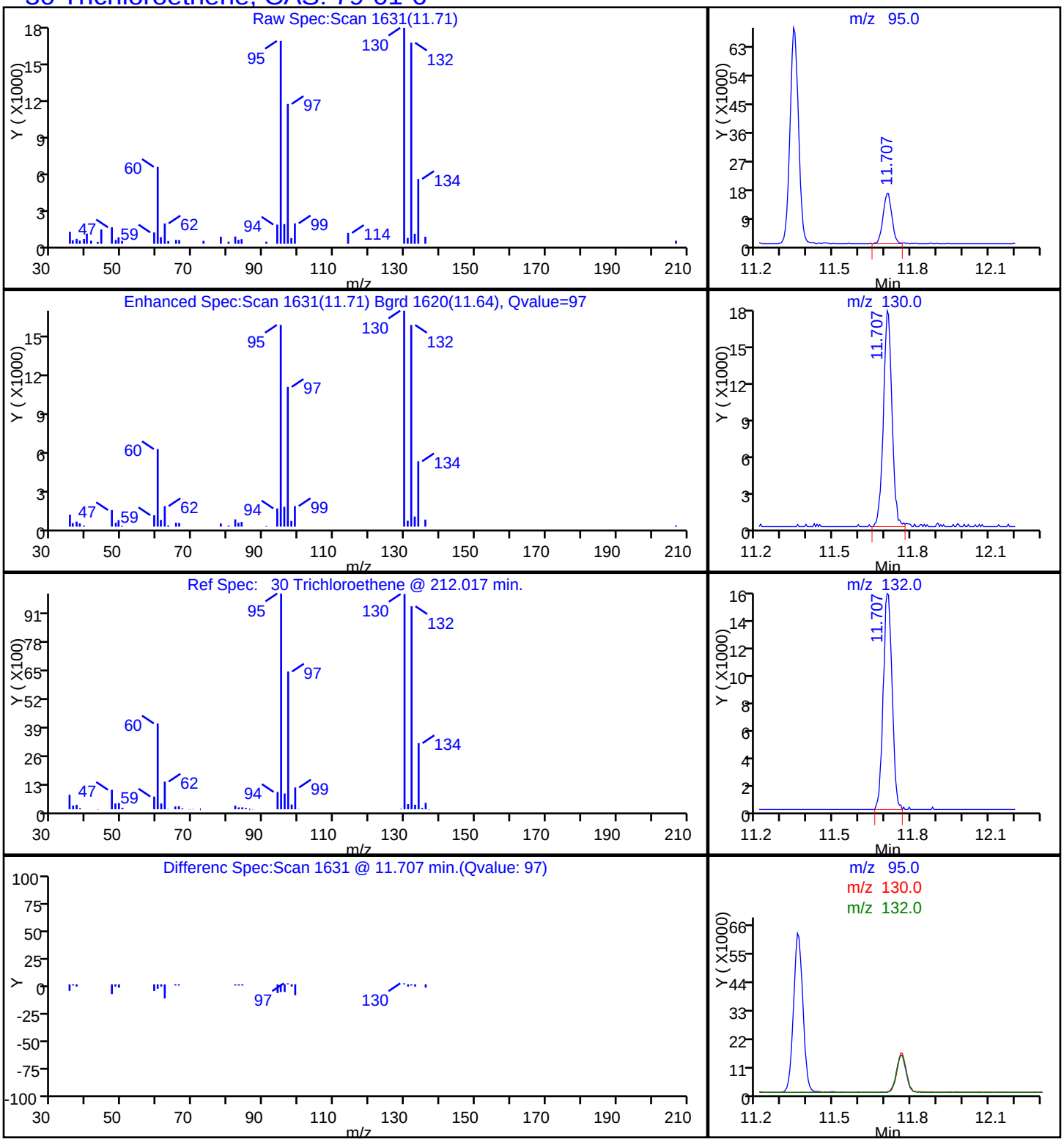
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D

Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	26
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

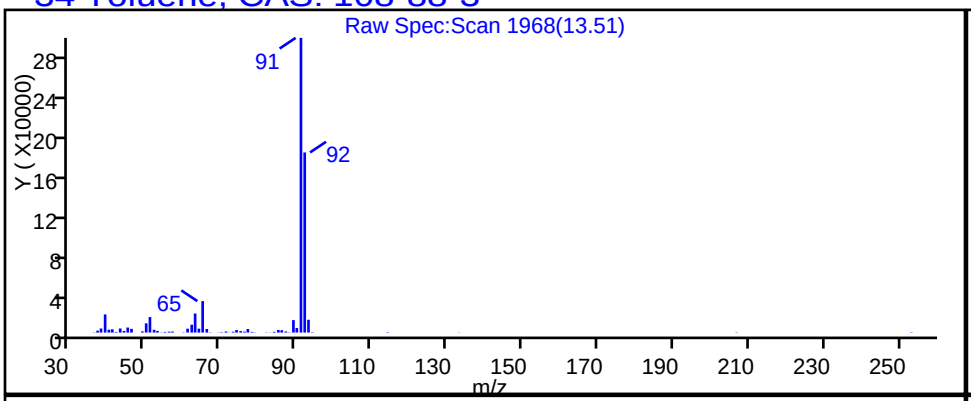


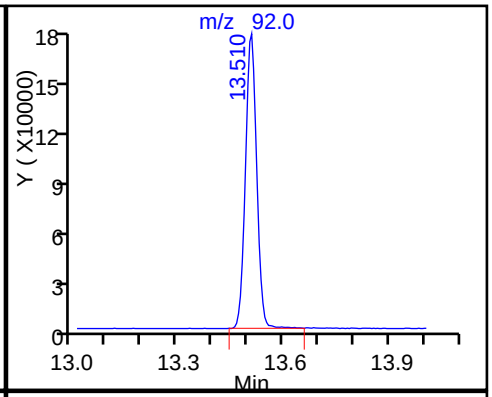
Report Date: 23-Apr-2014 14:58:46 Chrom Revision: 2.2 14-Apr-2014 13:40:08

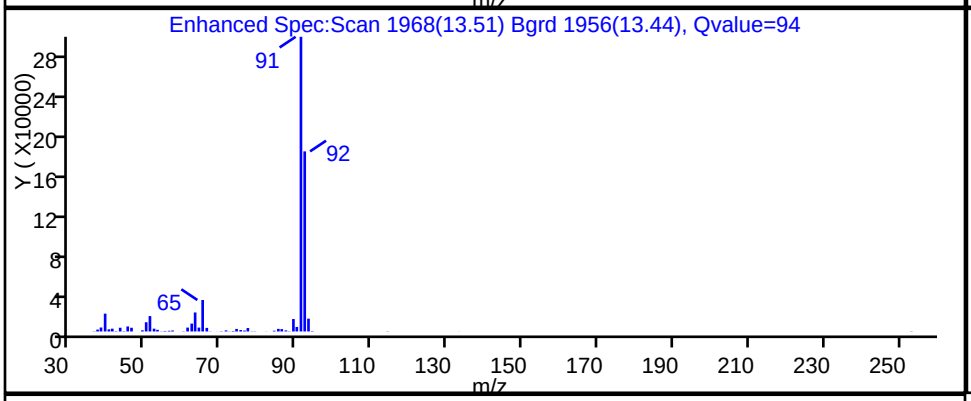
TestAmerica Burlington

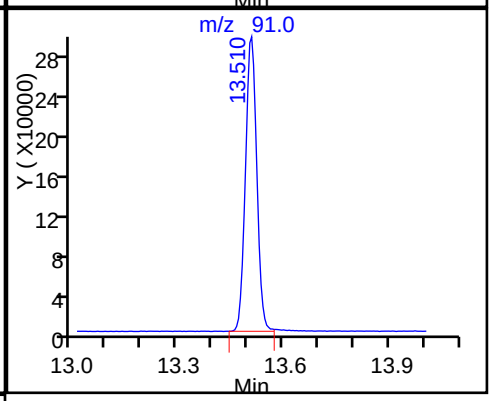
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Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	26
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

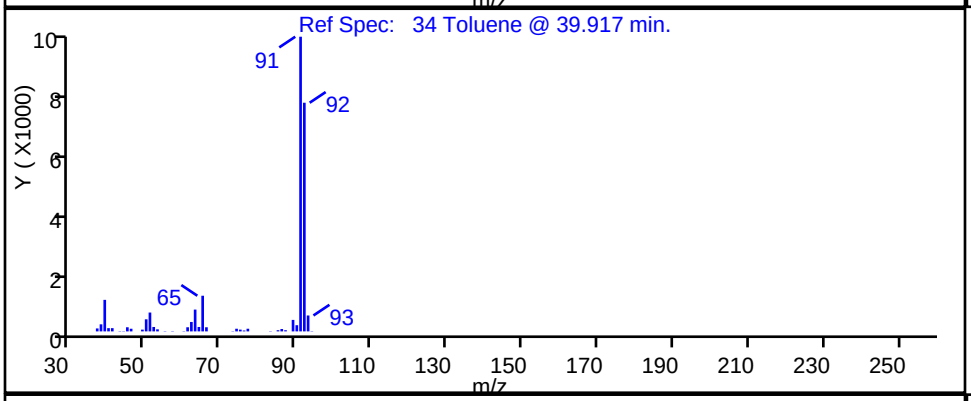
34 Toluene, CAS: 108-88-3

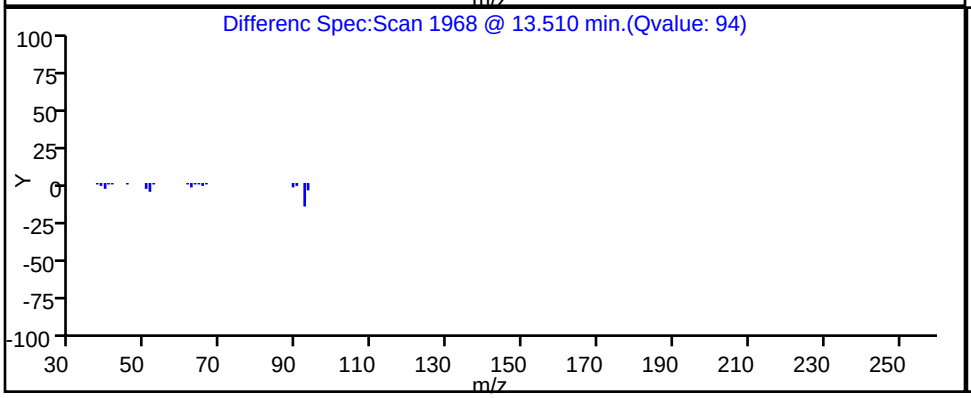


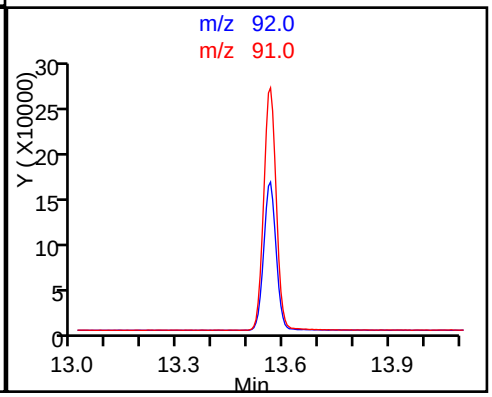










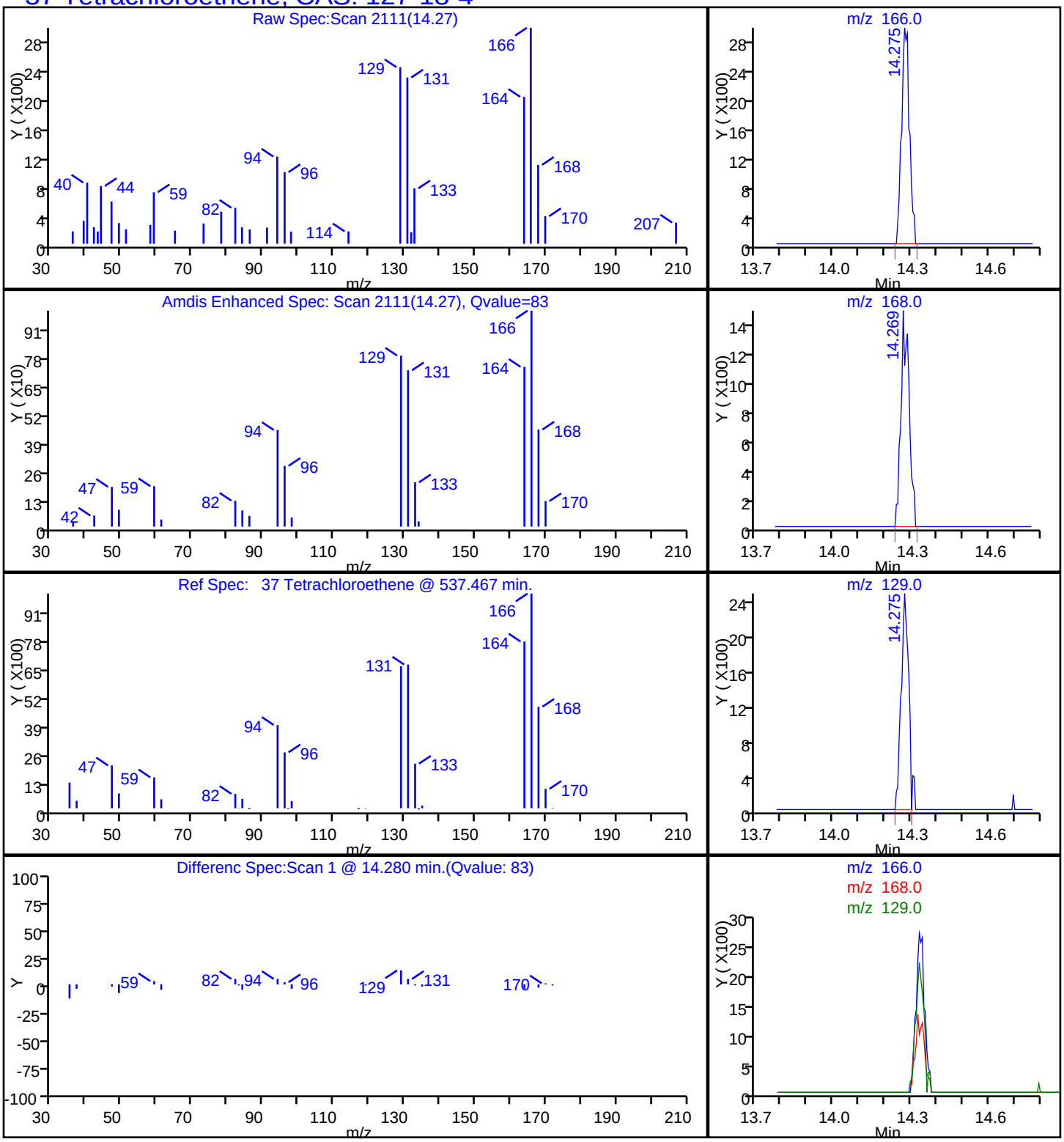


Report Date: 23-Apr-2014 14:58:46 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D				
Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	26
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 Tetrachloroethene, CAS: 127-18-4



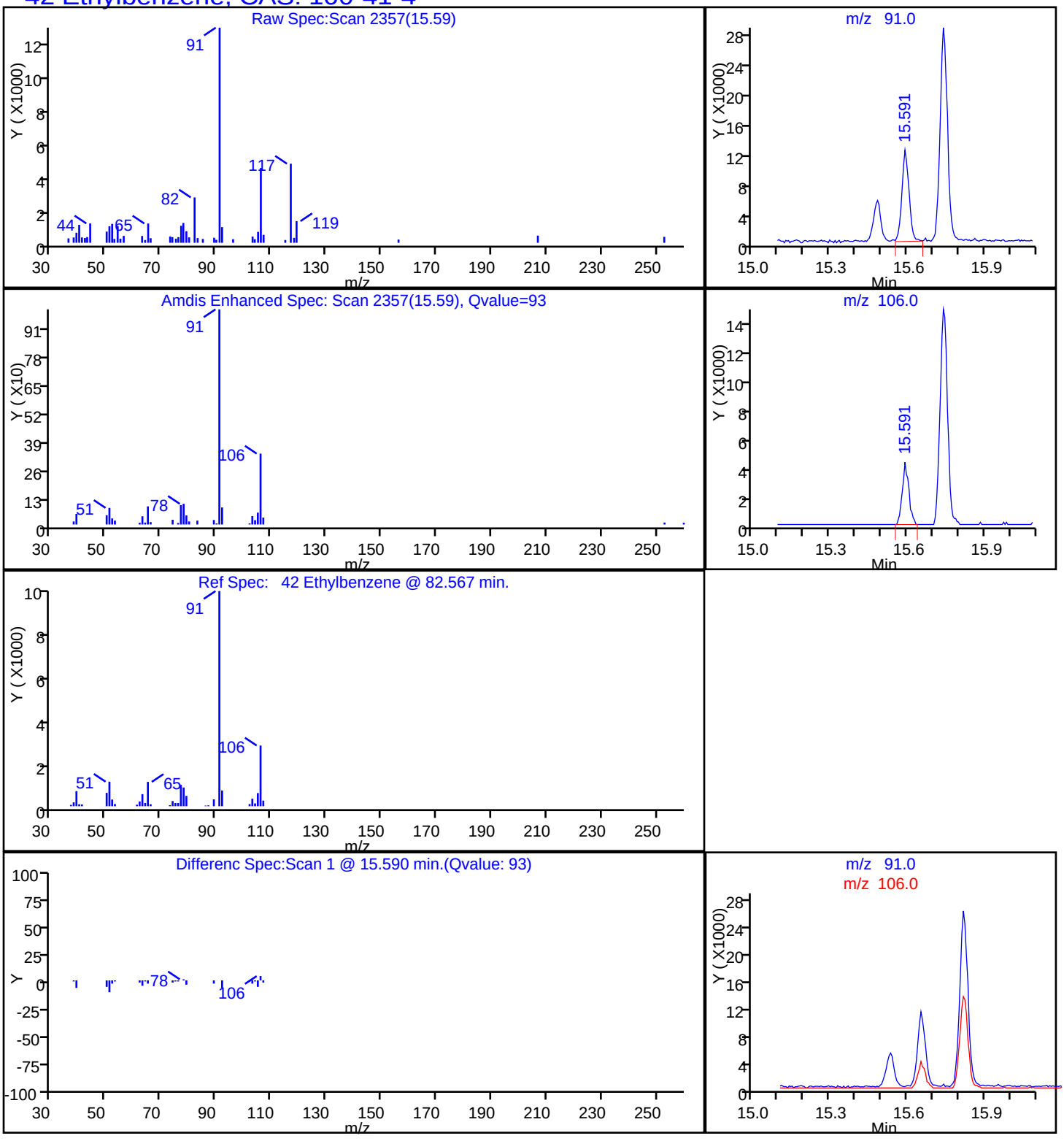
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D

Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	26
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Ethylbenzene, CAS: 100-41-4



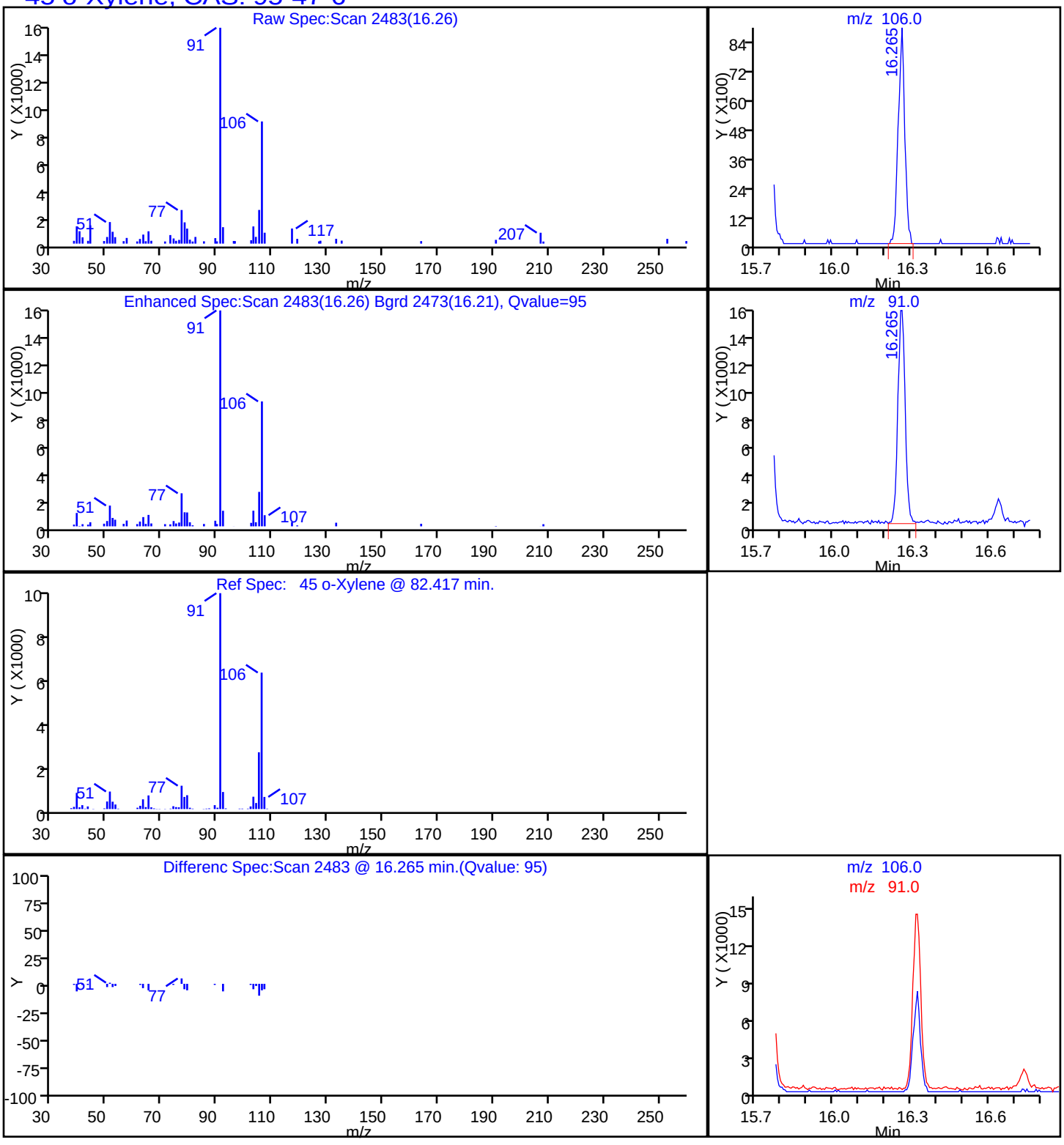
Report Date: 23-Apr-2014 14:58:46 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D

Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	26
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6



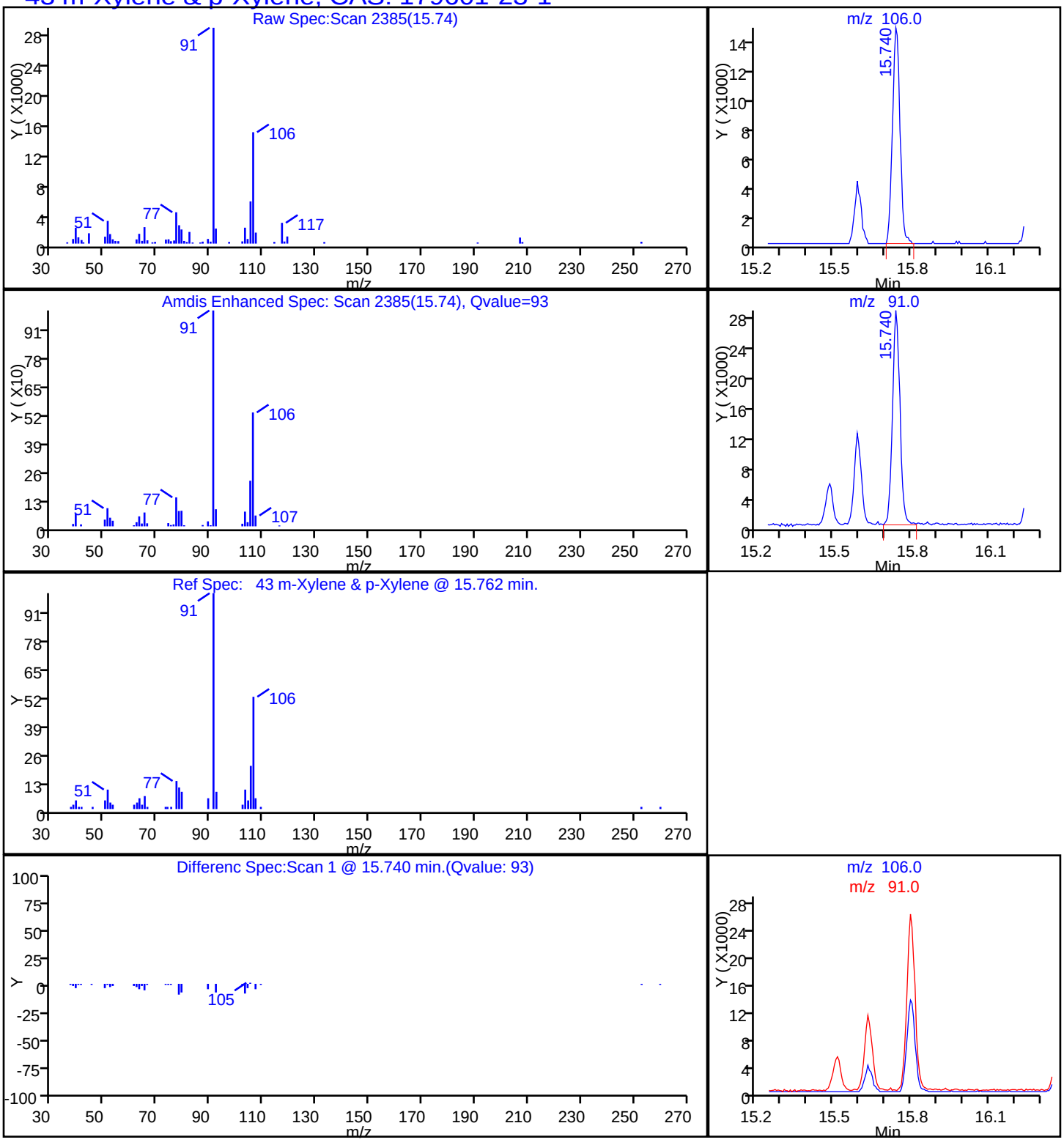
Report Date: 23-Apr-2014 14:58:46 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_026.D

Injection Date:	01-Apr-2014 07:09:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-6	Lab Sample ID:	200-21576-6		
Client ID:	RT-43-IA-032514				
Operator ID:	wrd	ALS Bottle#:	10	Worklist Smp#:	26
Purge Vol:	500.000 mL	Dil. Factor:	2.5000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-44-IA-032514 Lab Sample ID: 200-21576-7

Matrix: Air Lab File ID: 6778_012.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 11:28

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 18:31

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.024		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.15		0.010	0.010
108-88-3	Toluene	92.14	0.19		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.035		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.019		0.010	0.010
95-47-6	o-Xylene	106.17	0.028		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.024		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.066		0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.094		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-44-IA-032514 Lab Sample ID: 200-21576-7

Matrix: Air Lab File ID: 6778_012.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 11:28

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 18:31

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.095		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.82		0.054	0.054
108-88-3	Toluene	92.14	0.73		0.038	0.038
127-18-4	Tetrachloroethene	165.83	0.24		0.068	0.068
100-41-4	Ethylbenzene	106.17	0.084		0.043	0.043
95-47-6	o-Xylene	106.17	0.12		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.095		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.29		0.087	0.087
1330-20-7	Xylenes, Total	106.17	0.41		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D
Lims ID: 200-21576-A-7 Lab Sample ID: 200-21576-7
Client ID: RT-44-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 18:31:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-012
Misc. Info.: 21576-7
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:10:54

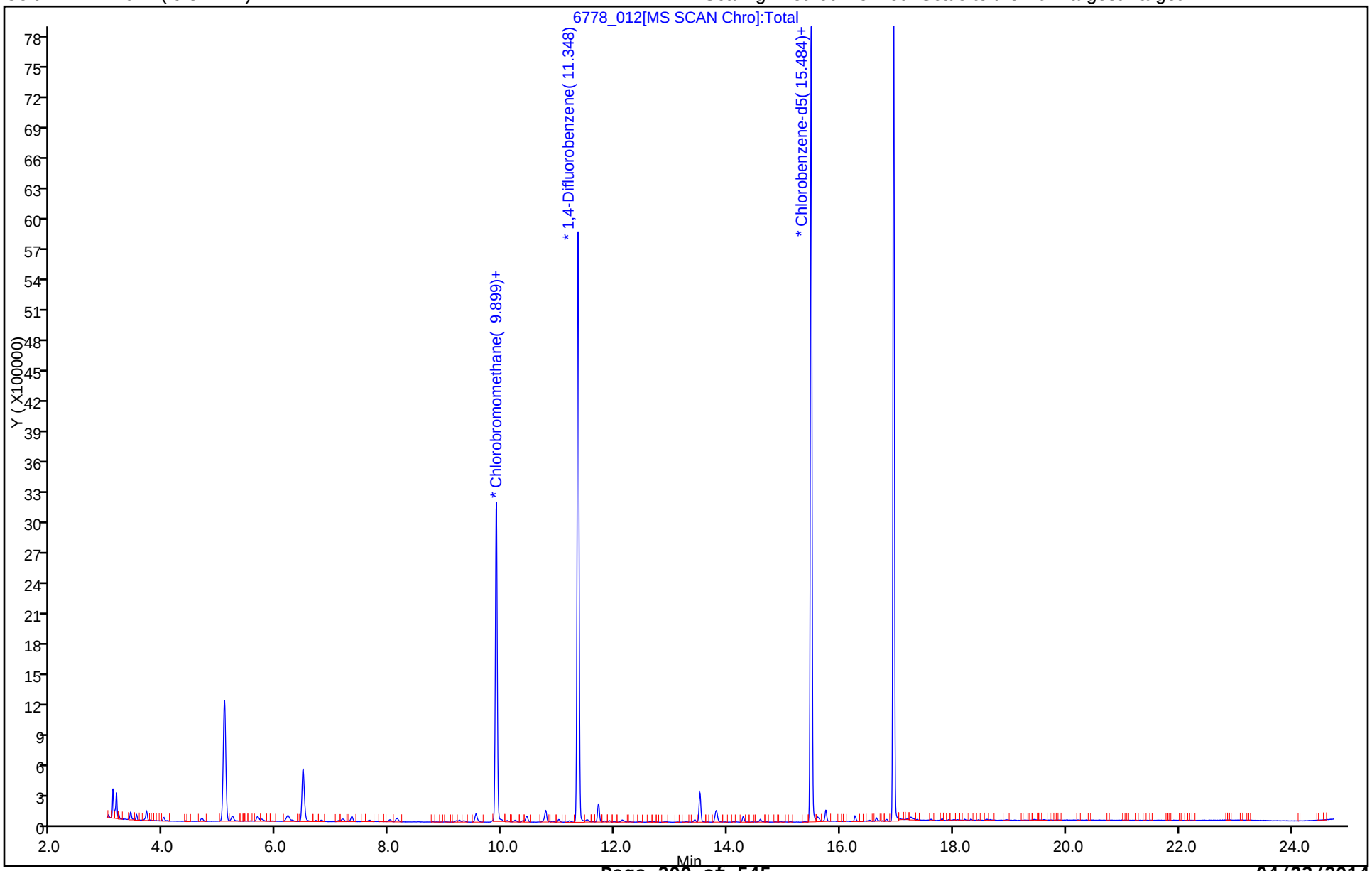
Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.341	7.336	0.005	80	35092	0.0903	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0240	
19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	75	10341	0.0240	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	77	1267961	2.00	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.000	33	4135	0.005182	
27 1,2-Dichloroethane	62	10.894	10.888	0.006	69	5641	0.0132	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	93	6609274	2.00	
30 Trichloroethene	95	11.707	11.712	-0.005	94	80746	0.1525	
34 Toluene	92	13.510	13.510	0.000	93	160755	0.1940	
37 Tetrachloroethene	166	14.280	14.280	0.000	94	22541	0.0353	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	5905549	2.00	
42 Ethylbenzene	91	15.591	15.596	-0.005	93	31630	0.0193	
43 m-Xylene & p-Xylene	106	15.740	15.746	-0.006	95	42219	0.0659	
S 44 Xylenes, Total	106				0		0.0941	
45 o-Xylene	106	16.265	16.265	0.000	91	17729	0.0282	
51 BFB								

Report Date: 23-Apr-2014 14:51:39 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D				
Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7	Worklist Smp#:	12
Client ID:	RT-44-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



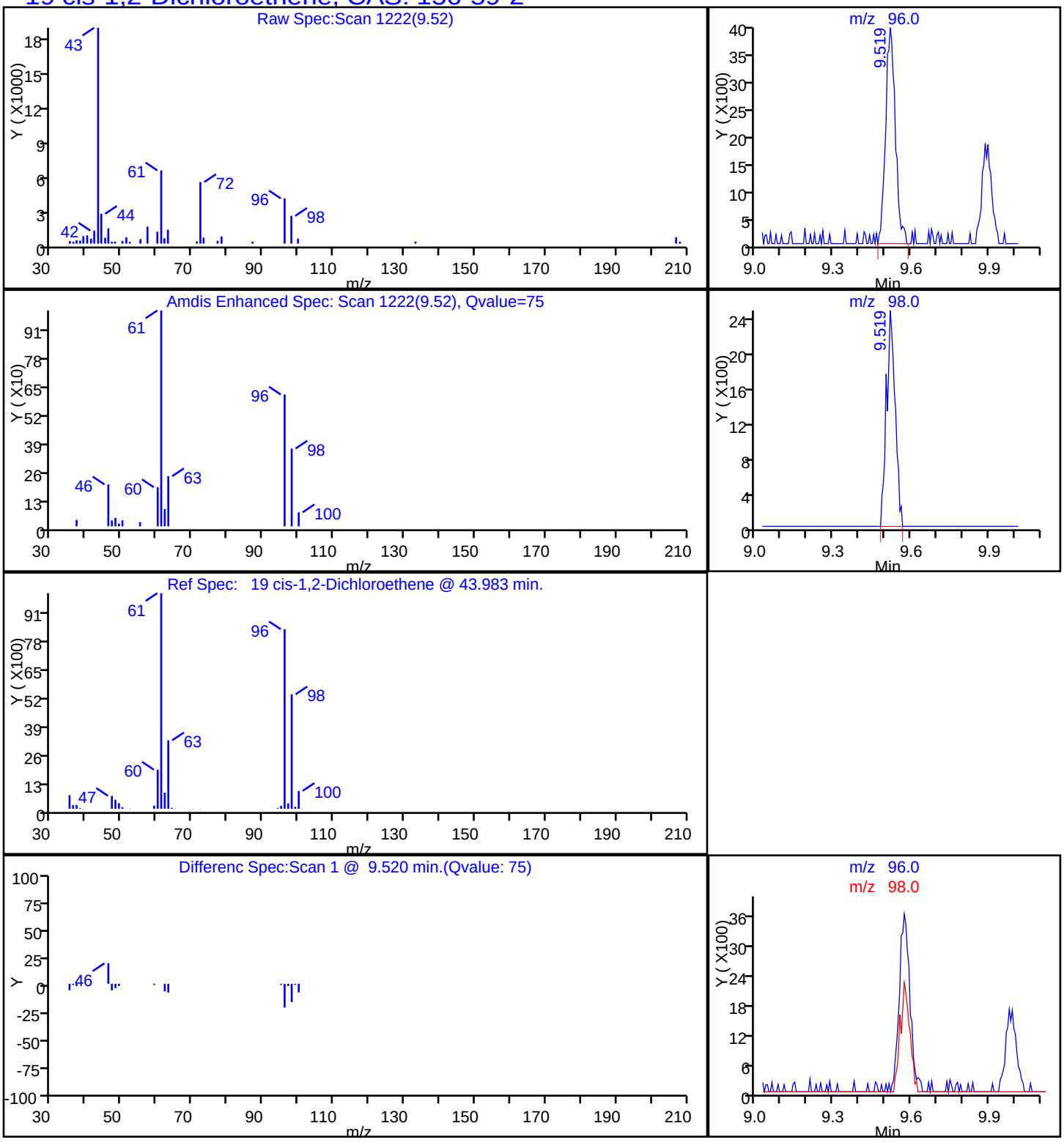
Report Date: 23-Apr-2014 14:51:39 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D

Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



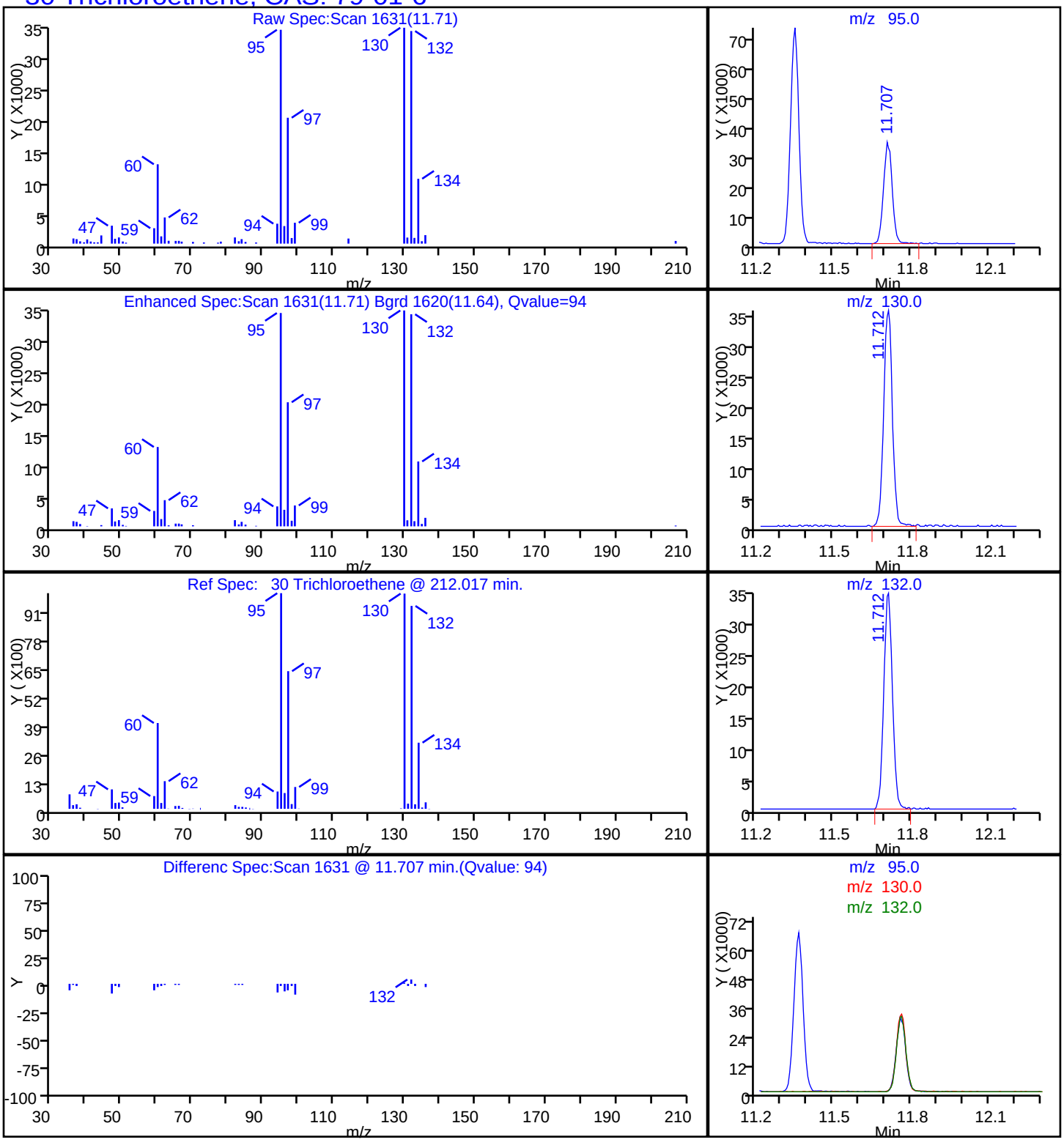
Report Date: 23-Apr-2014 14:51:39 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D

Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



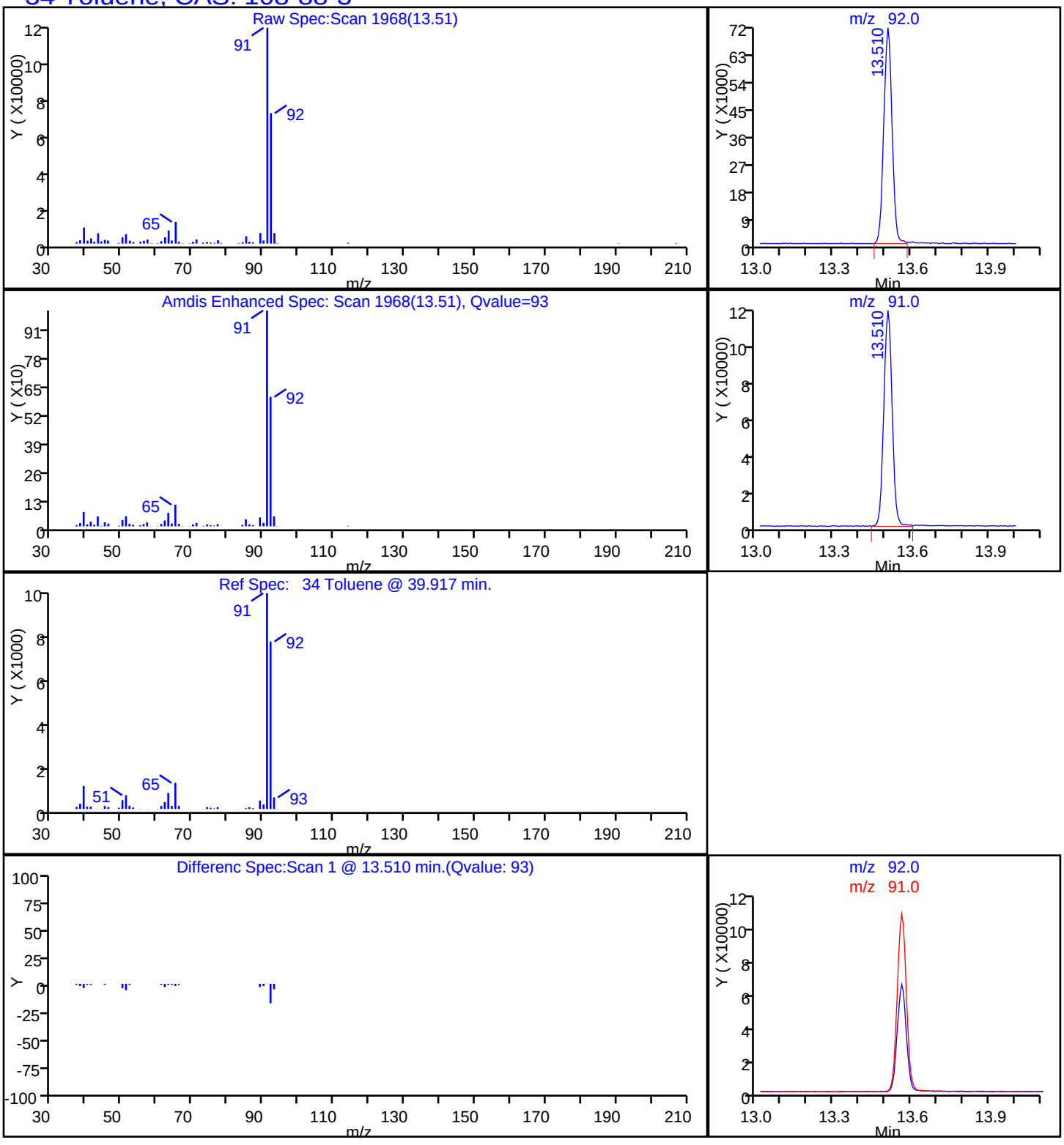
Report Date: 23-Apr-2014 14:51:39 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D

Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



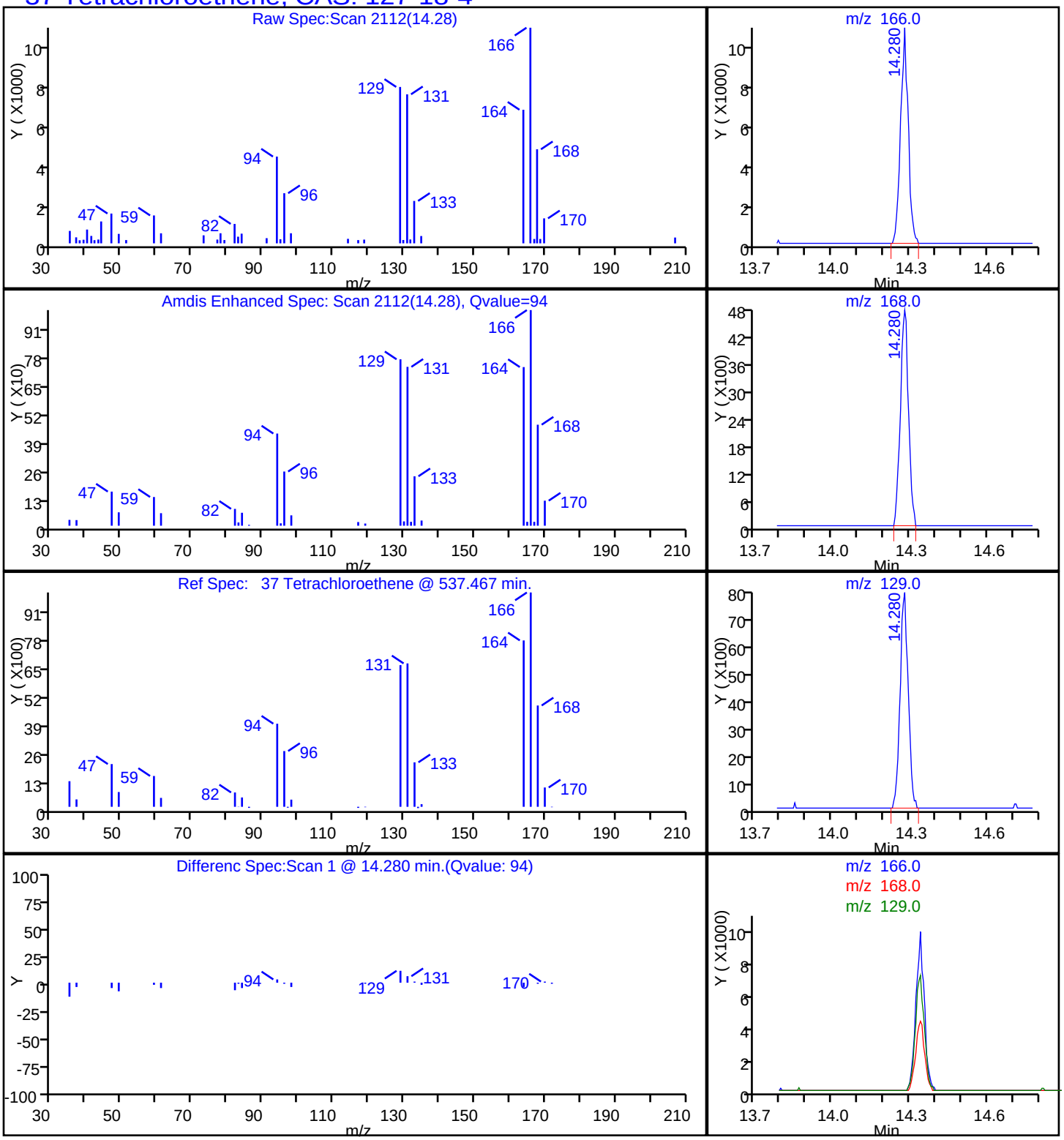
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D

Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 Tetrachloroethene, CAS: 127-18-4



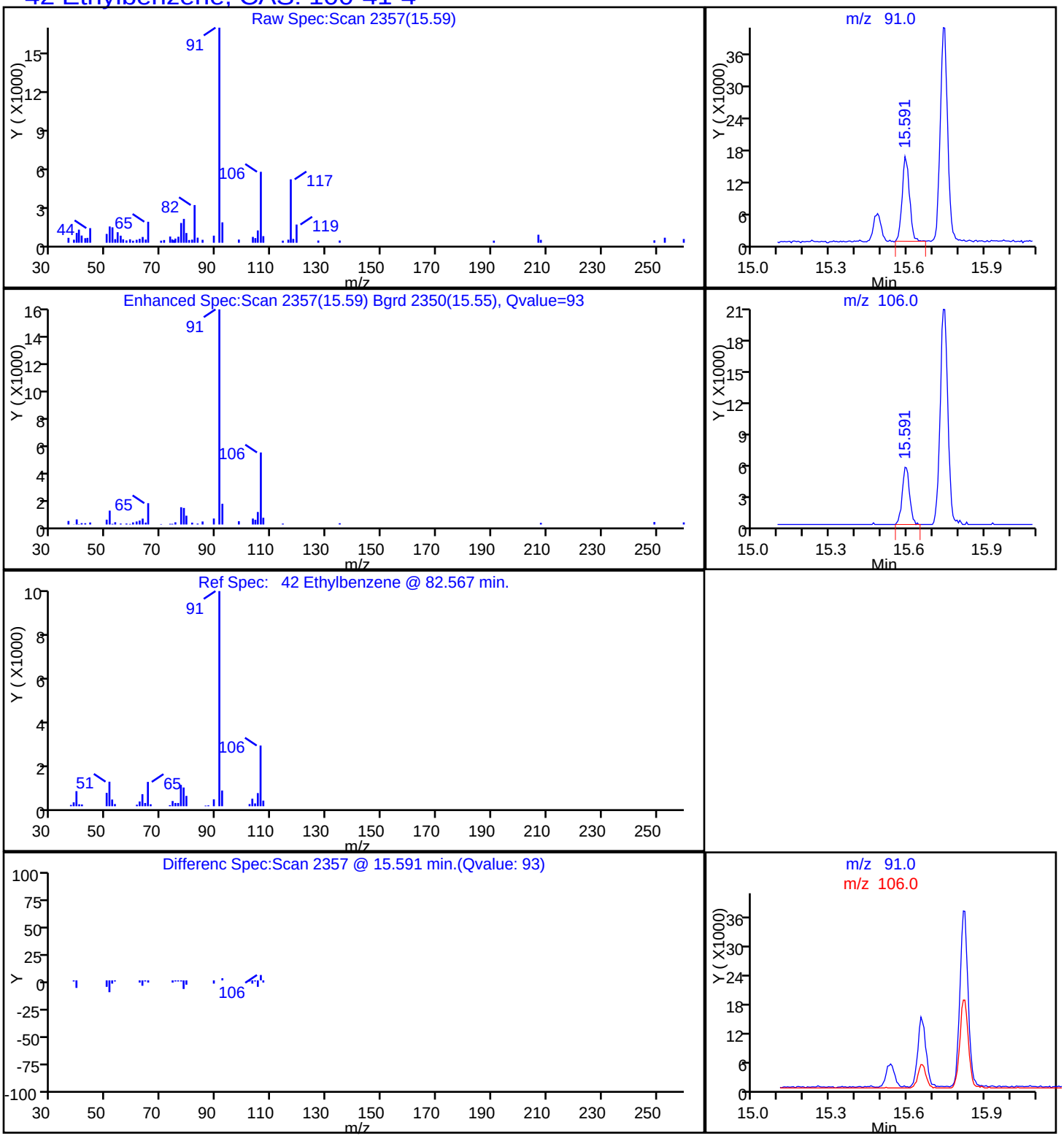
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D

Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Ethylbenzene, CAS: 100-41-4



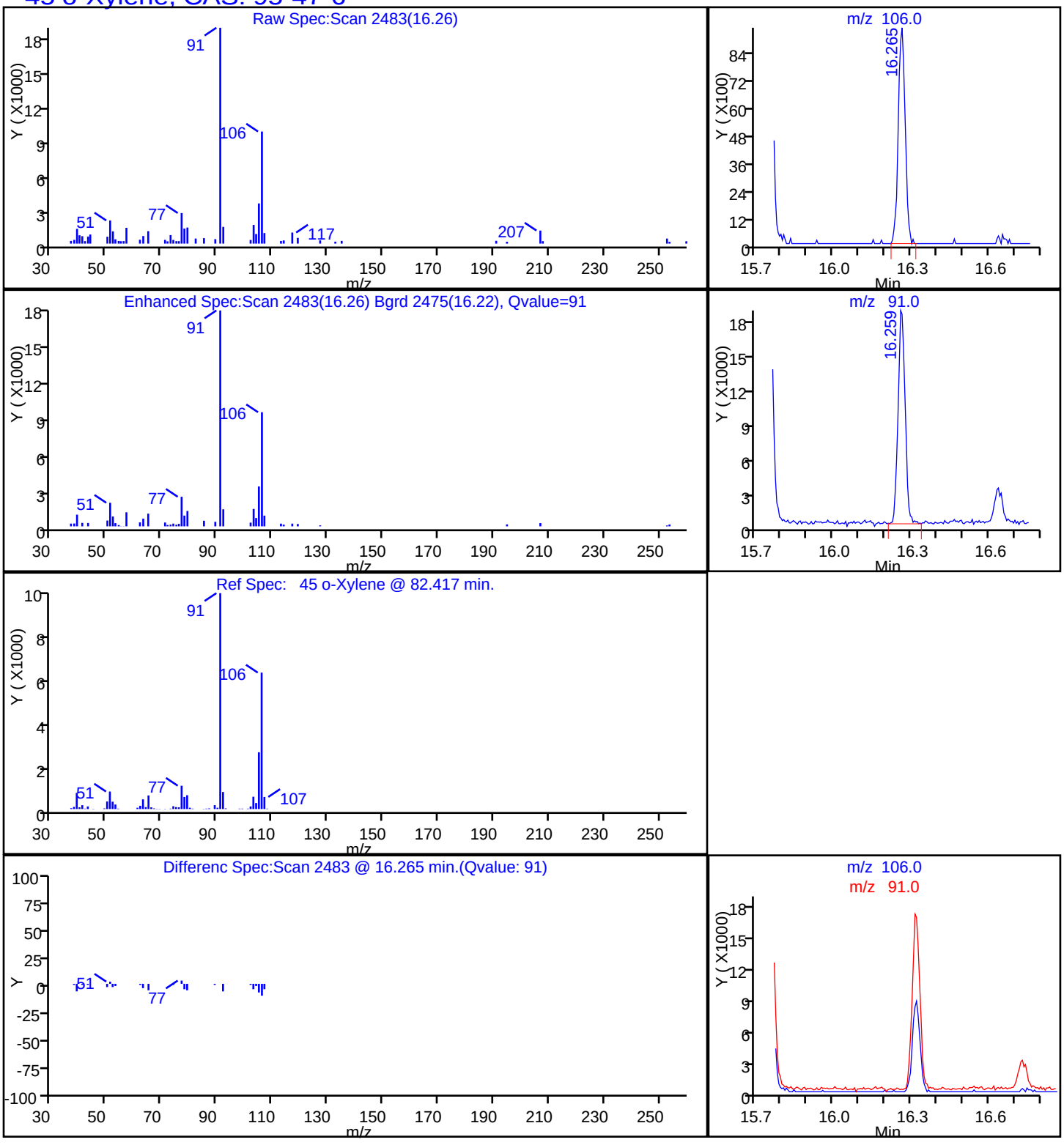
Report Date: 23-Apr-2014 14:51:39 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D

Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

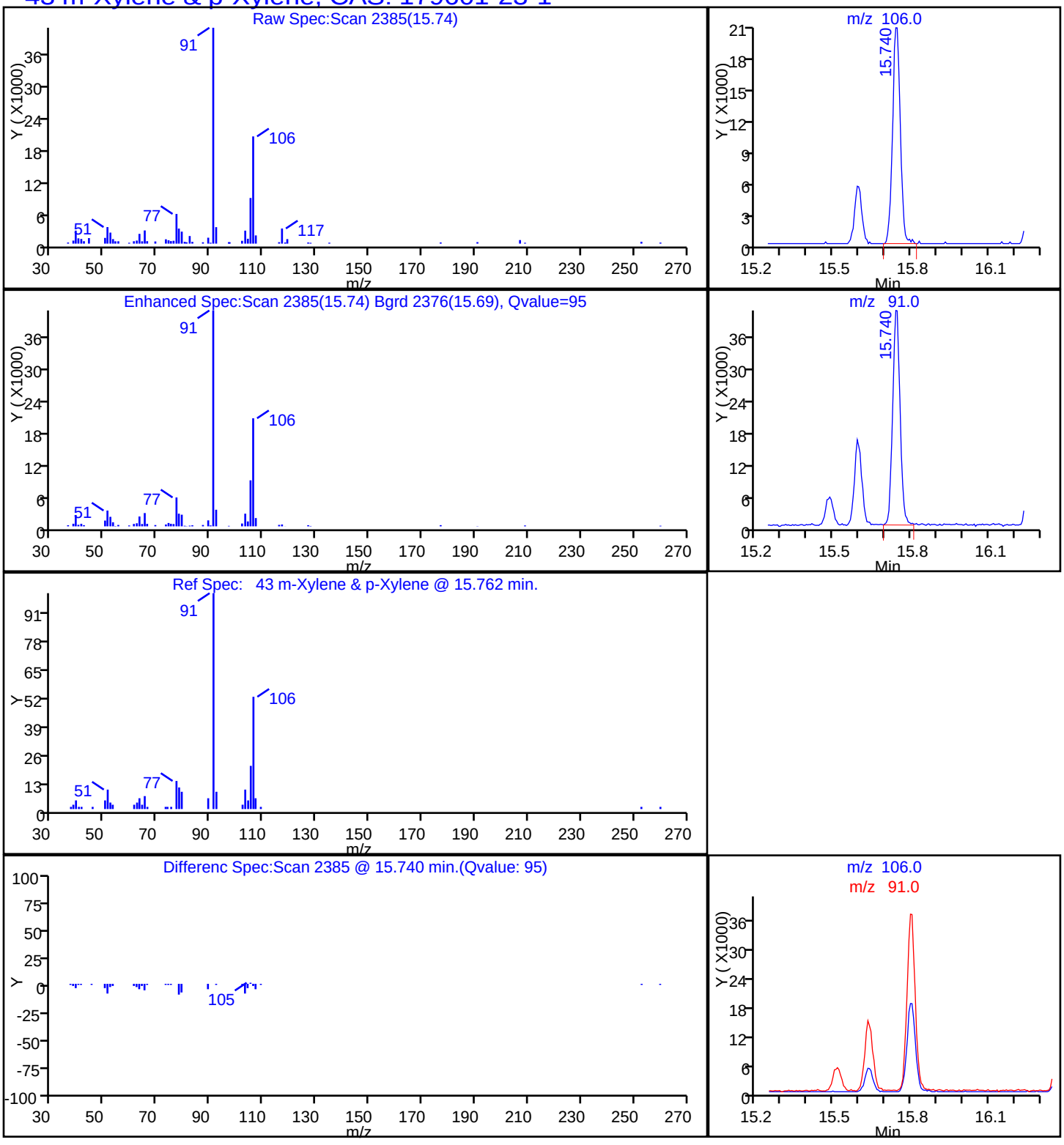
45 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_012.D				
Injection Date:	31-Mar-2014 18:31:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-7	Lab Sample ID:	200-21576-7		
Client ID:	RT-44-IA-032514				
Operator ID:	wrd	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-45-IA-032514 Lab Sample ID: 200-21576-8

Matrix: Air Lab File ID: 6778_013.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:06

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 19:25

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.12		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.021		0.010	0.010
108-88-3	*Toluene*	*92.14*	*3.3*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.014		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.27		0.010	0.010
95-47-6	o-Xylene	106.17	0.30		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.90		0.020	0.020
1330-20-7	Xylenes, Total	106.17	1.2		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-45-IA-032514 Lab Sample ID: 200-21576-8

Matrix: Air Lab File ID: 6778_013.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:06

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 19:25

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.42		0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.11		0.054	0.054
108-88-3	*Toluene*	*92.14*	*12*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.093		0.068	0.068
100-41-4	Ethylbenzene	106.17	1.2		0.043	0.043
95-47-6	o-Xylene	106.17	1.3		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	3.9		0.087	0.087
1330-20-7	Xylenes, Total	106.17	5.2		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D
Lims ID: 200-21576-A-8 Lab Sample ID: 200-21576-8
Client ID: RT-45-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 19:25:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-013
Misc. Info.: 21576-8
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:13:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.352	7.336	0.016	79	46127	0.1199	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.909	9.899	0.010	78	1255492	2.00	
22 1,1,1-Trichloroethane	97		10.230					
27 1,2-Dichloroethane	62	10.894	10.888	0.006	62	6285	0.0150	
* 29 1,4-Difluorobenzene	114	11.354	11.348	0.006	93	6485015	2.00	
30 Trichloroethene	95	11.718	11.712	0.006	81	10863	0.0209	M
34 Toluene	92	13.510	13.510	0.000	94	2731803	3.27	E
37 Tetrachloroethene	166	14.280	14.280	0.000	86	8854	0.0137	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	5957067	2.00	
42 Ethylbenzene	91	15.596	15.596	0.000	96	452351	0.2735	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	97	579123	0.8964	
S 44 Xylenes, Total	106				0		1.19	
45 o-Xylene	106	16.265	16.265	0.000	92	188579	0.2977	
51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

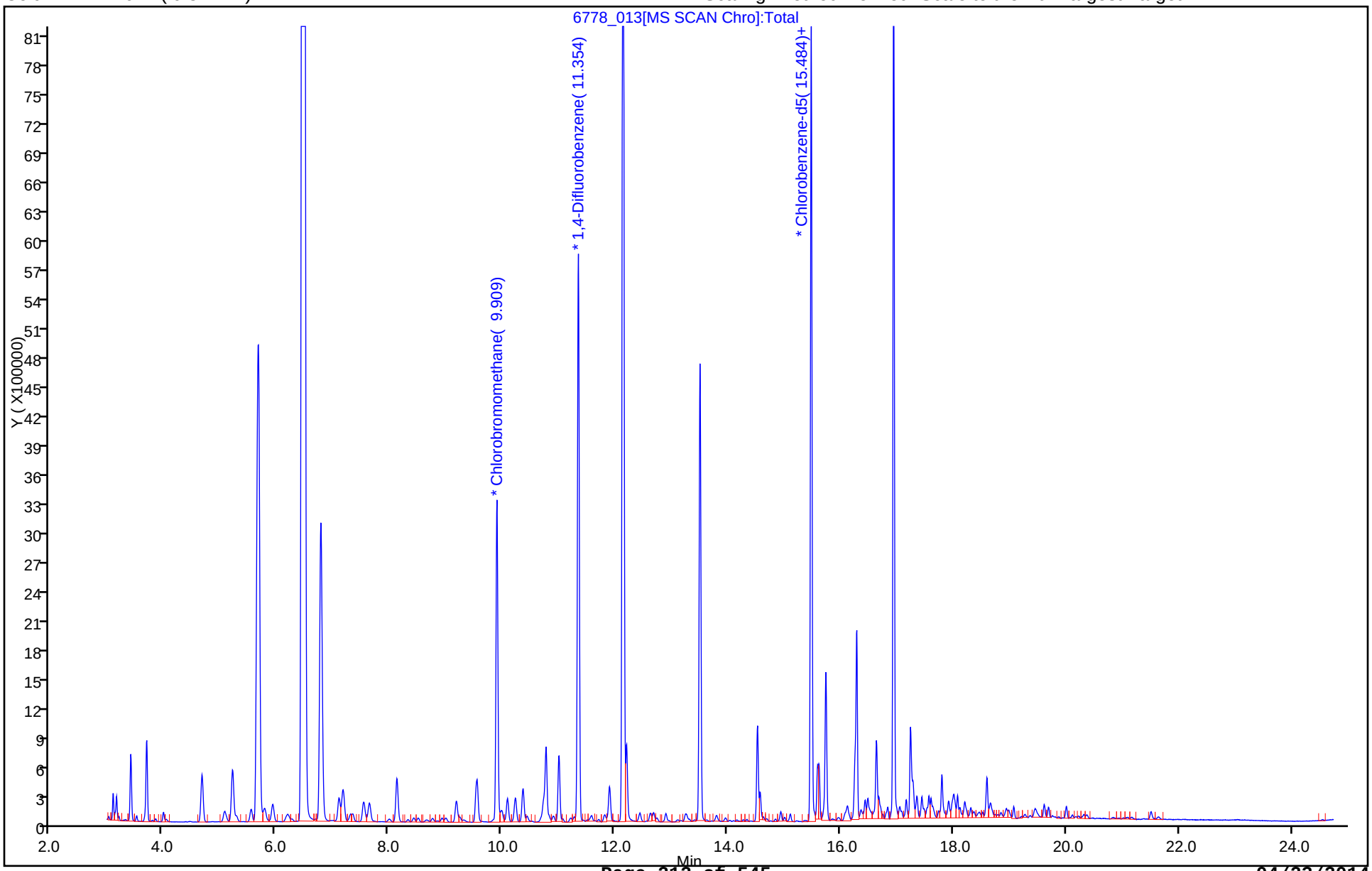
Report Date: 23-Apr-2014 14:51:48 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D

Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8	Worklist Smp#:	13
Client ID:	RT-45-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



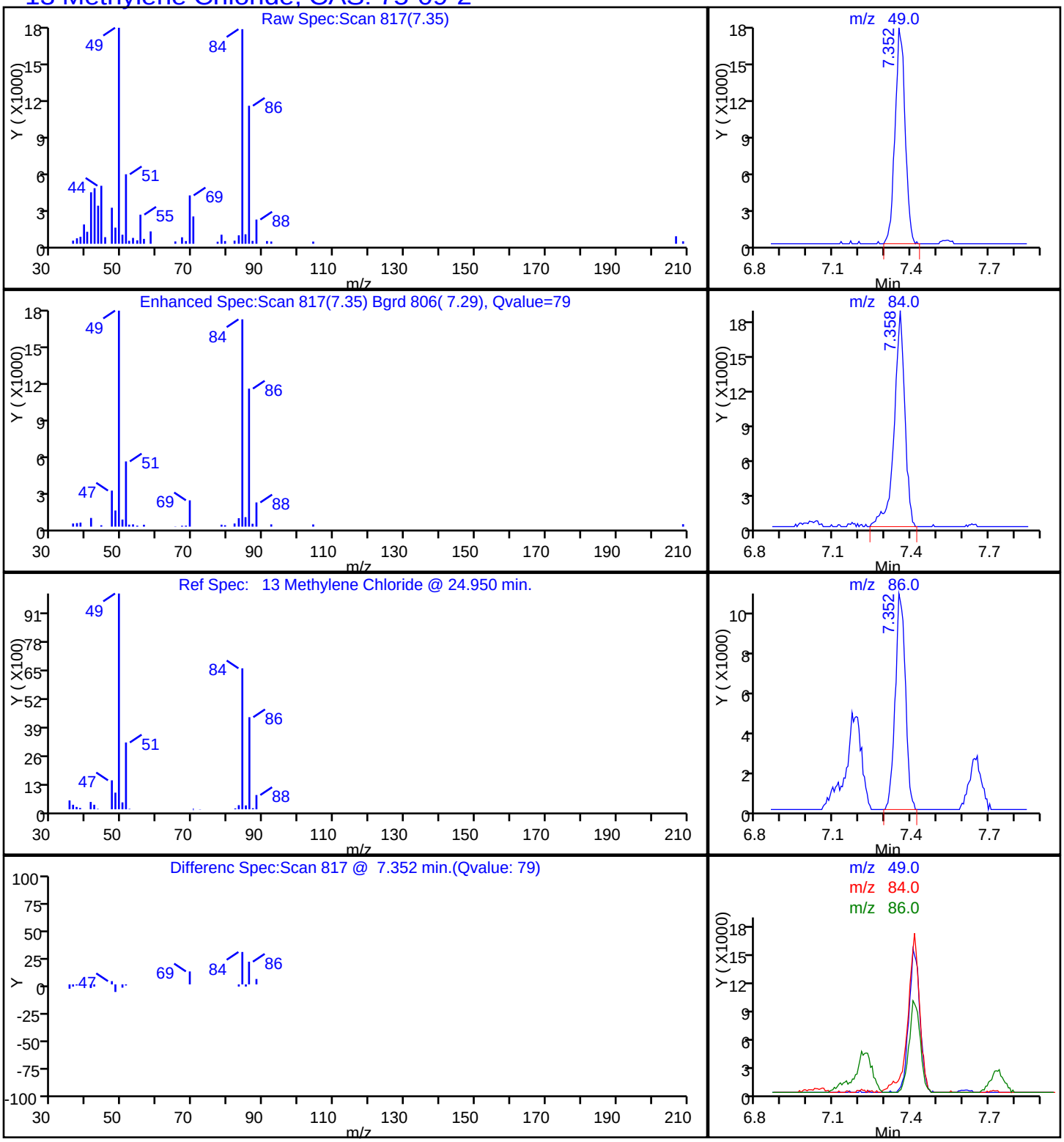
Report Date: 23-Apr-2014 14:51:48 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D

Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Methylene Chloride, CAS: 75-09-2



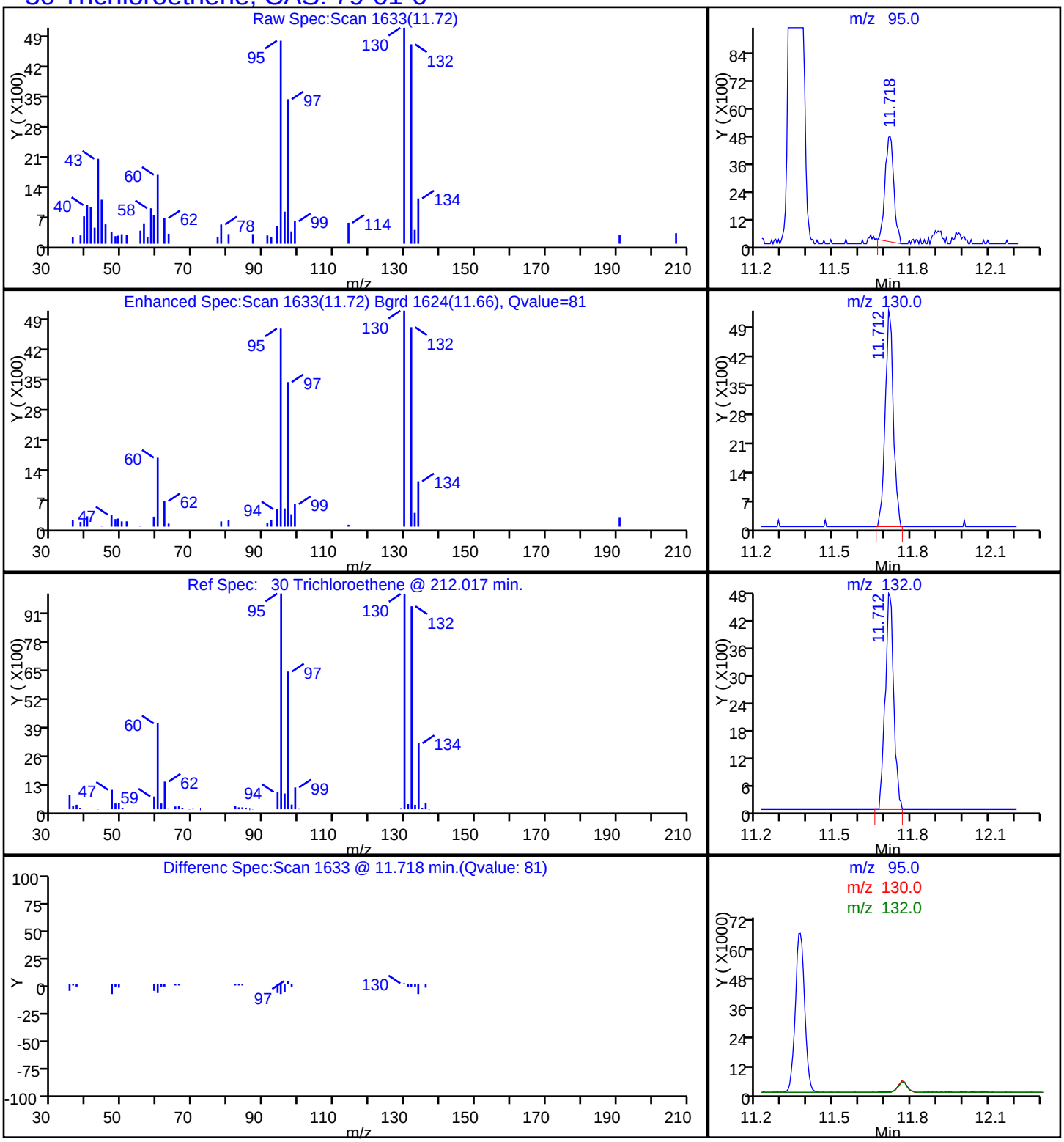
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D

Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



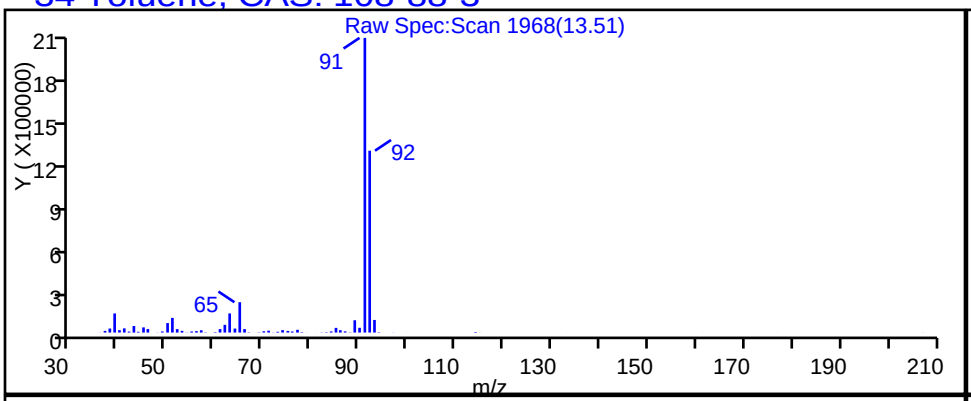
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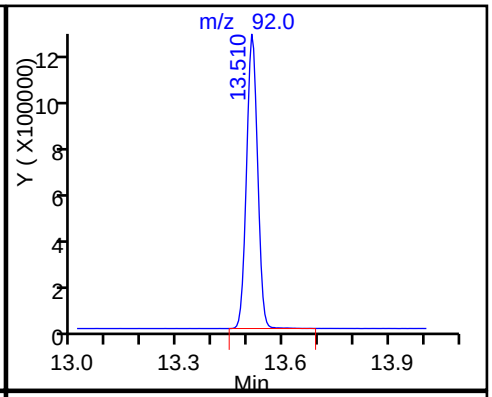
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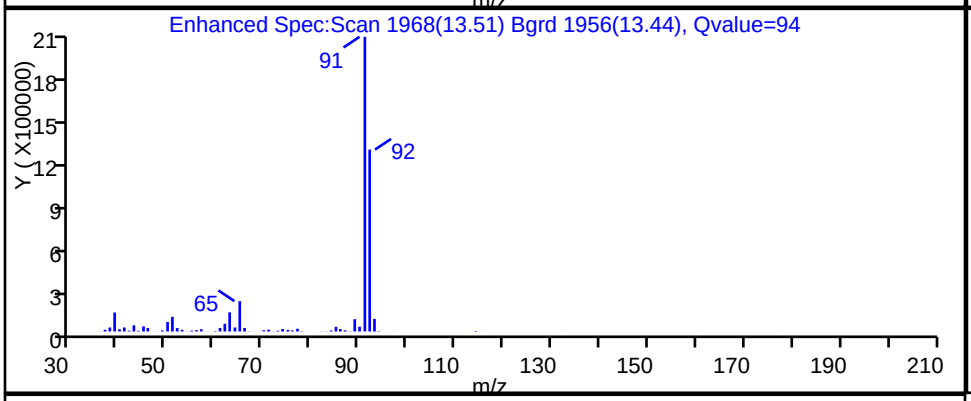
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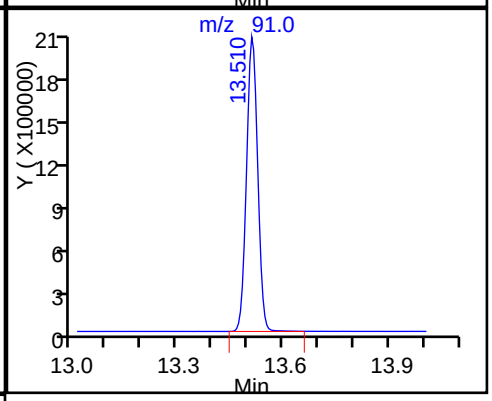
Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

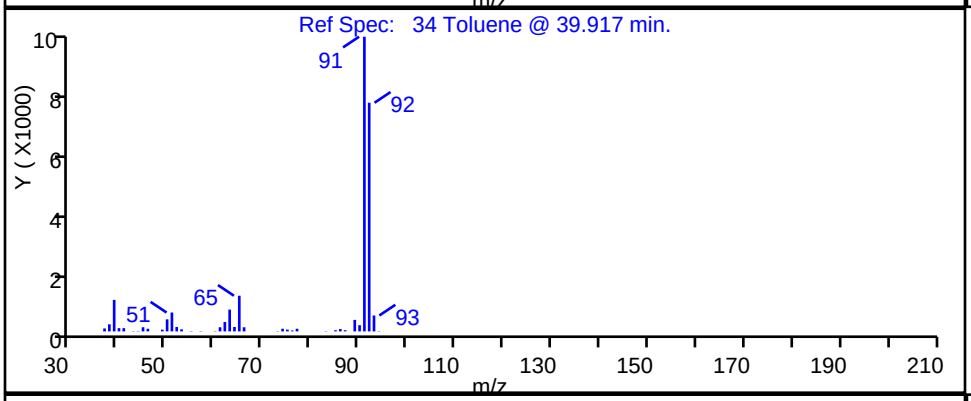
34 Toluene, CAS: 108-88-3

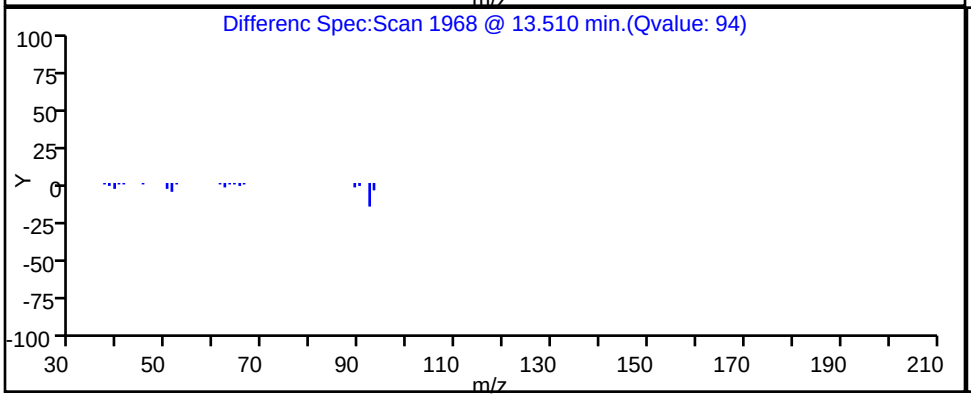


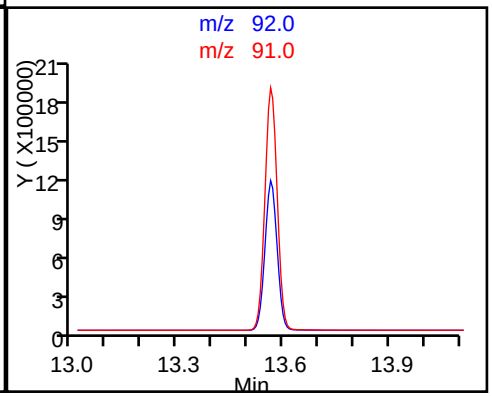












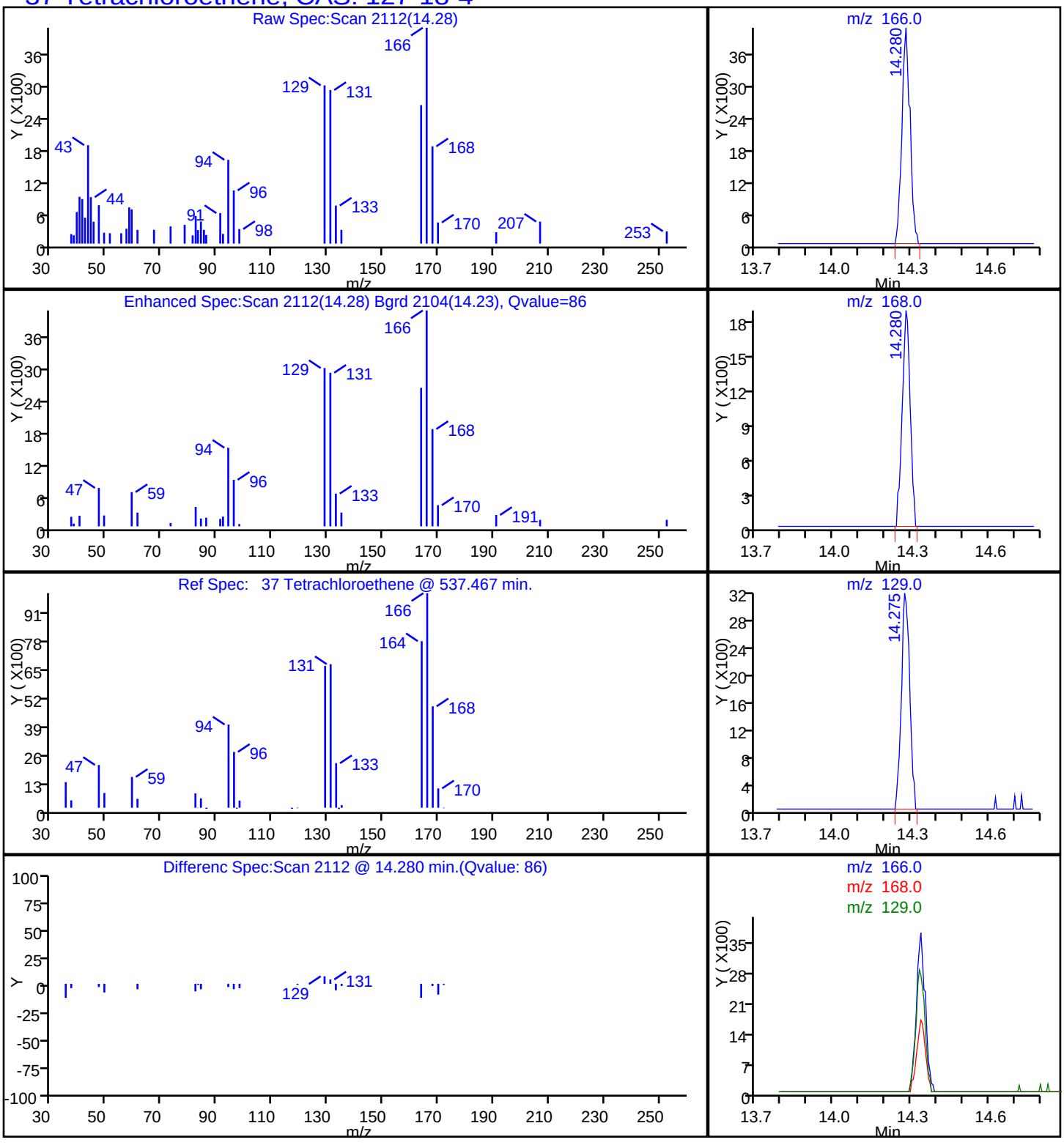
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D

Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 Tetrachloroethene, CAS: 127-18-4



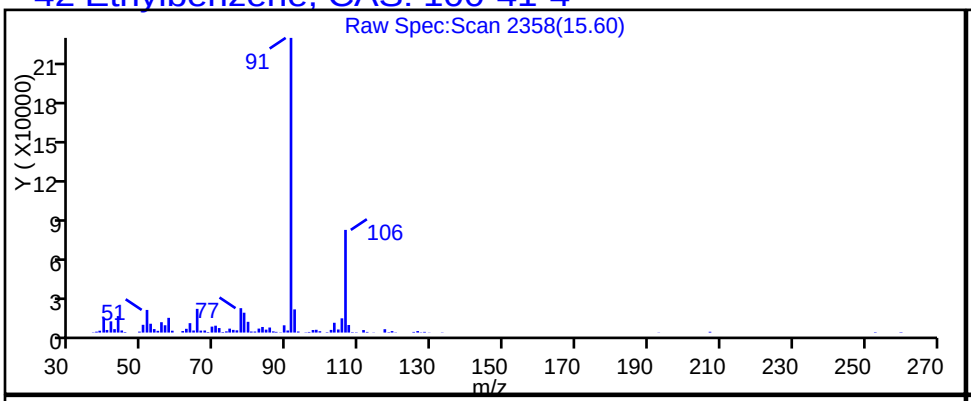
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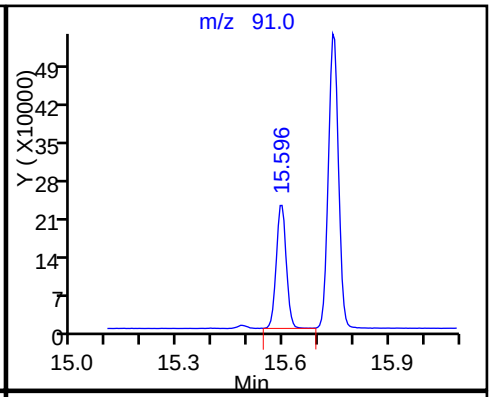
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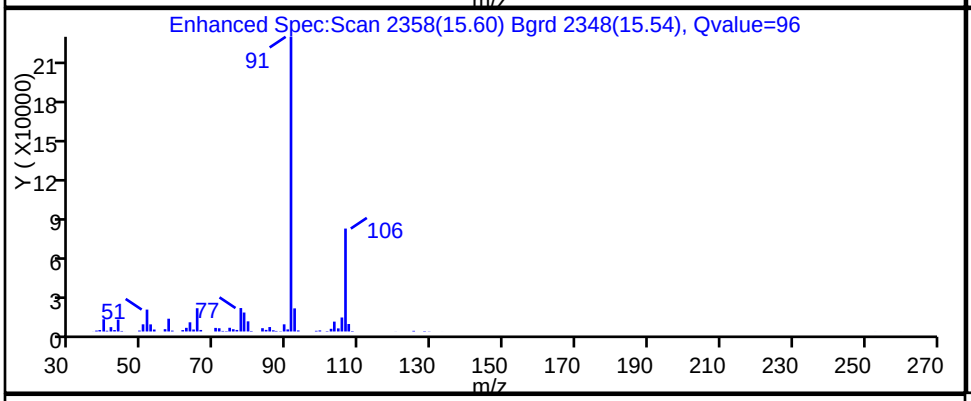
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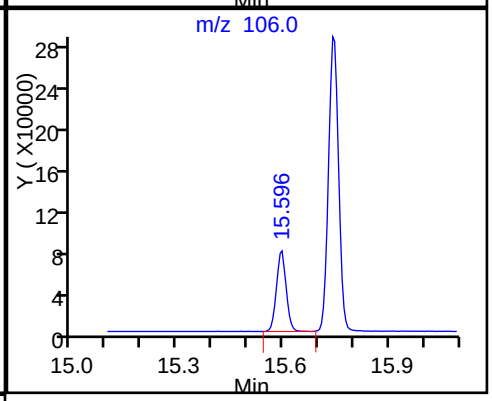
Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

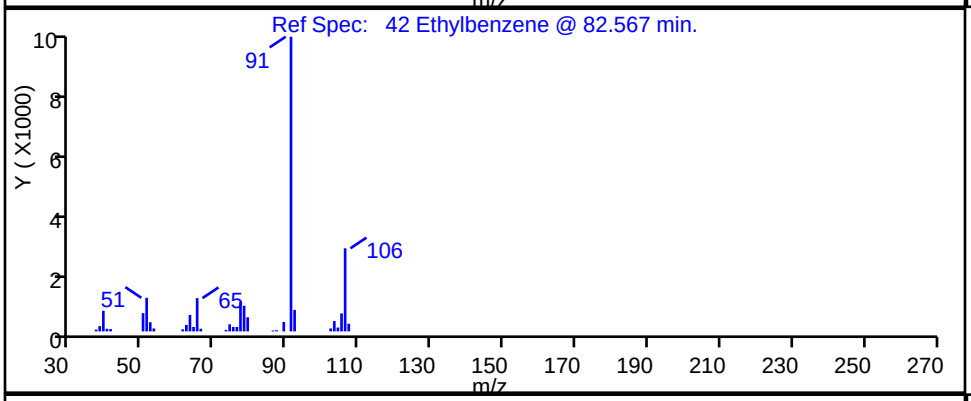
42 Ethylbenzene, CAS: 100-41-4

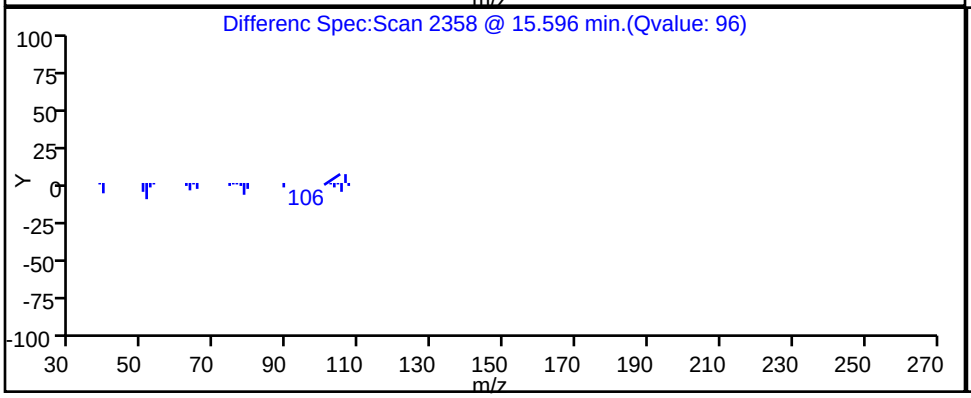


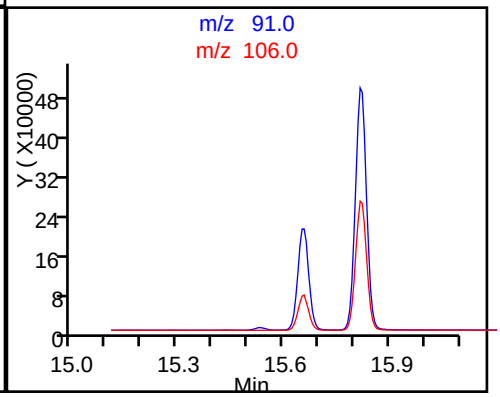












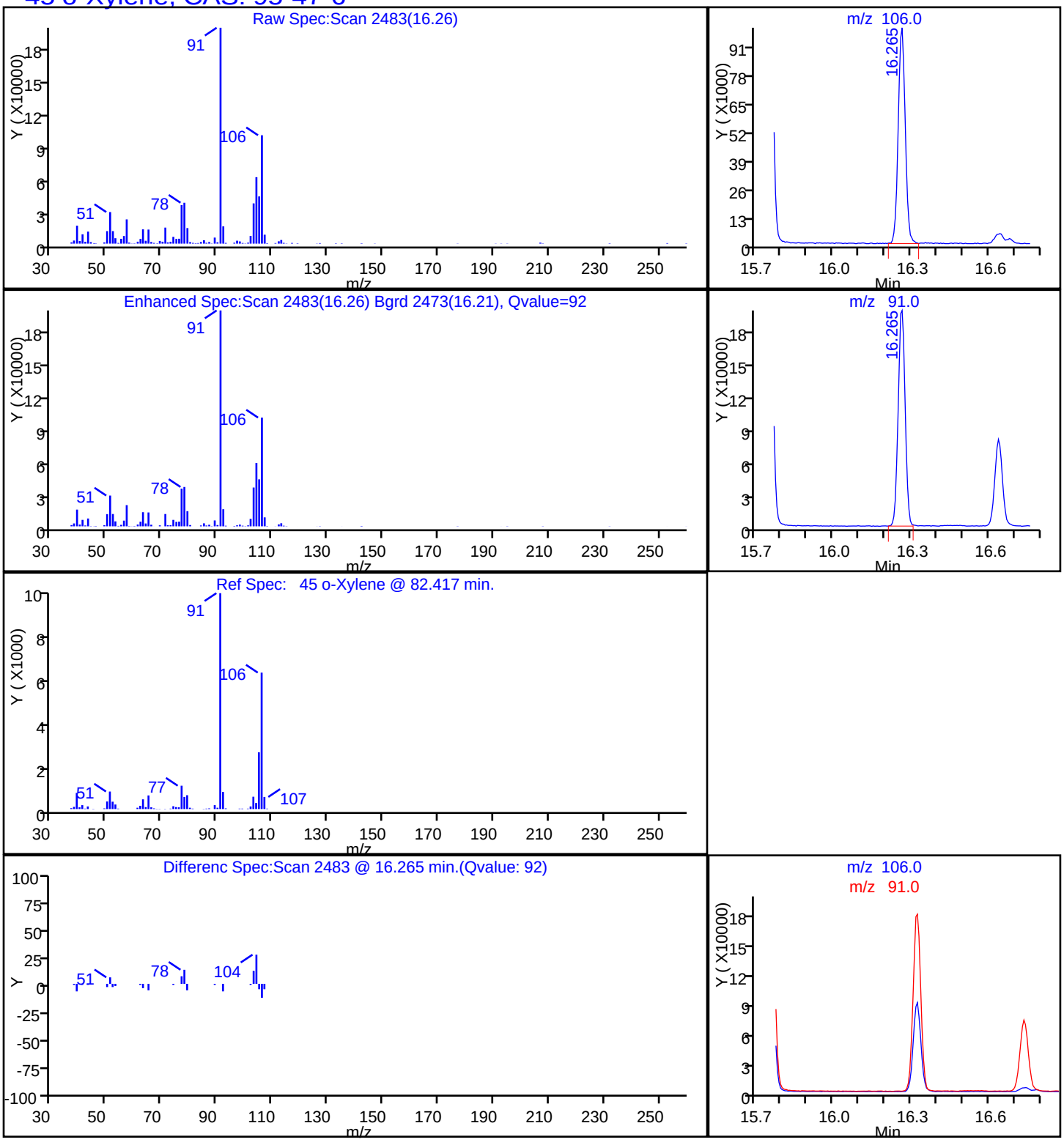
Report Date: 23-Apr-2014 14:51:49 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D

Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

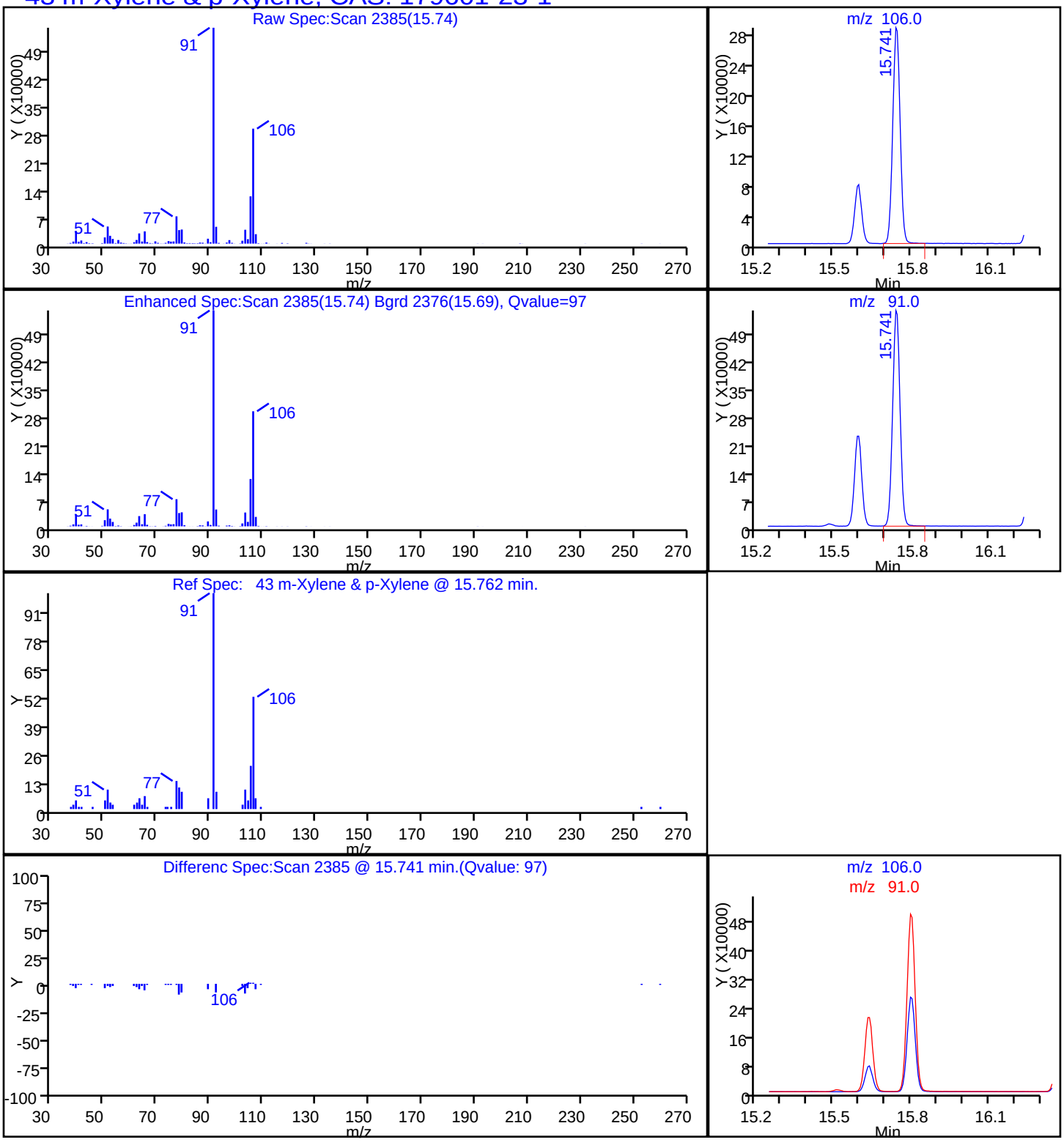
45 o-Xylene, CAS: 95-47-6



TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D				
Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



Manual Integration/User Assign Peak Report

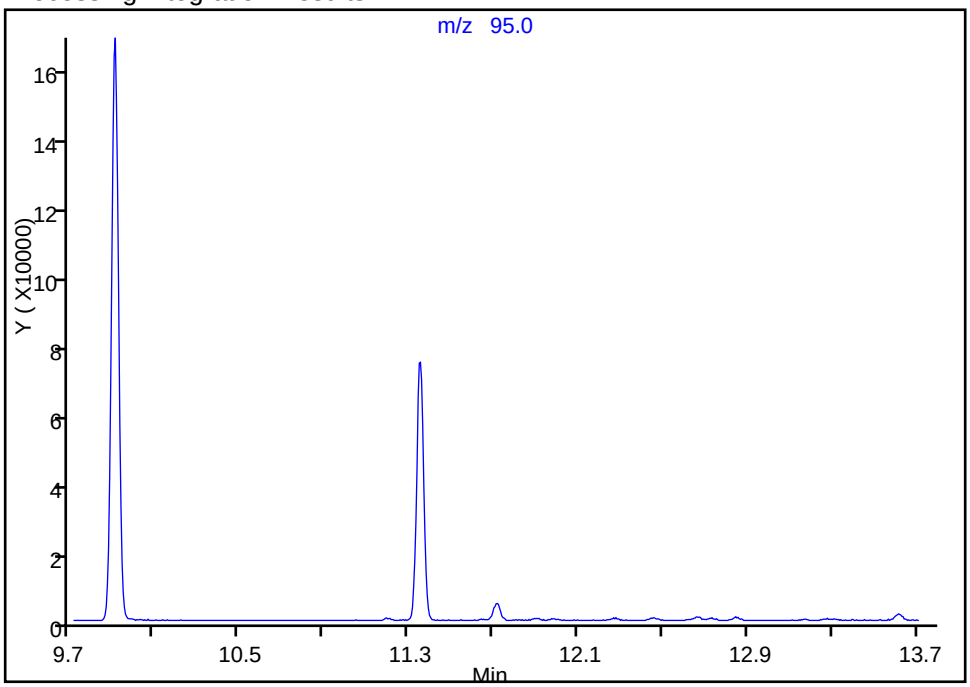
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D				
Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

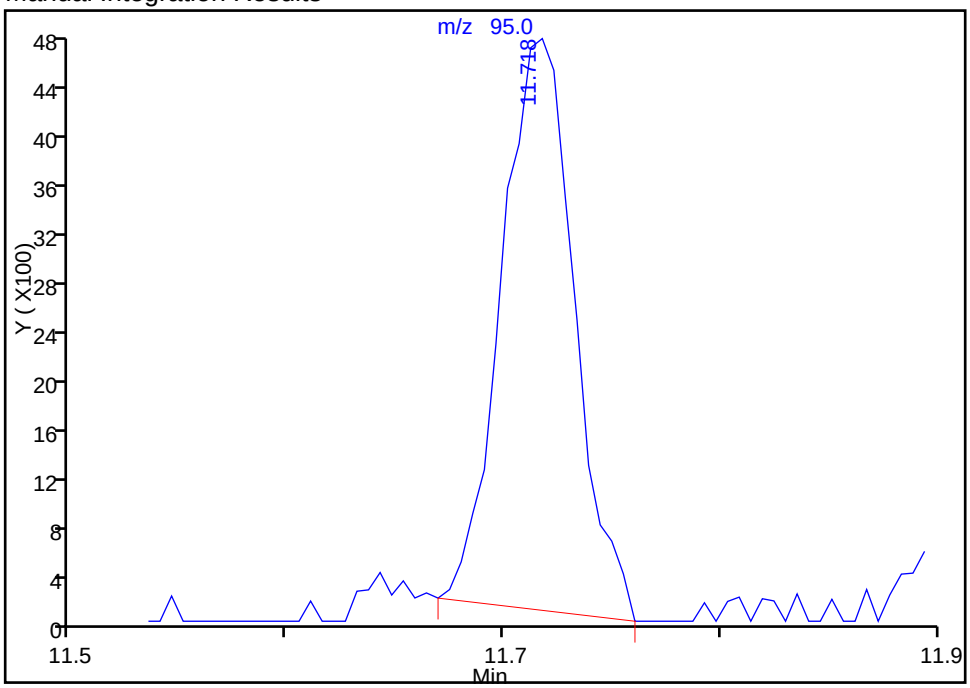
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.72
Response: 10863
Amount: 0.020915



Reviewer: desjardinsb, 01-Apr-2014 07:13:01
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

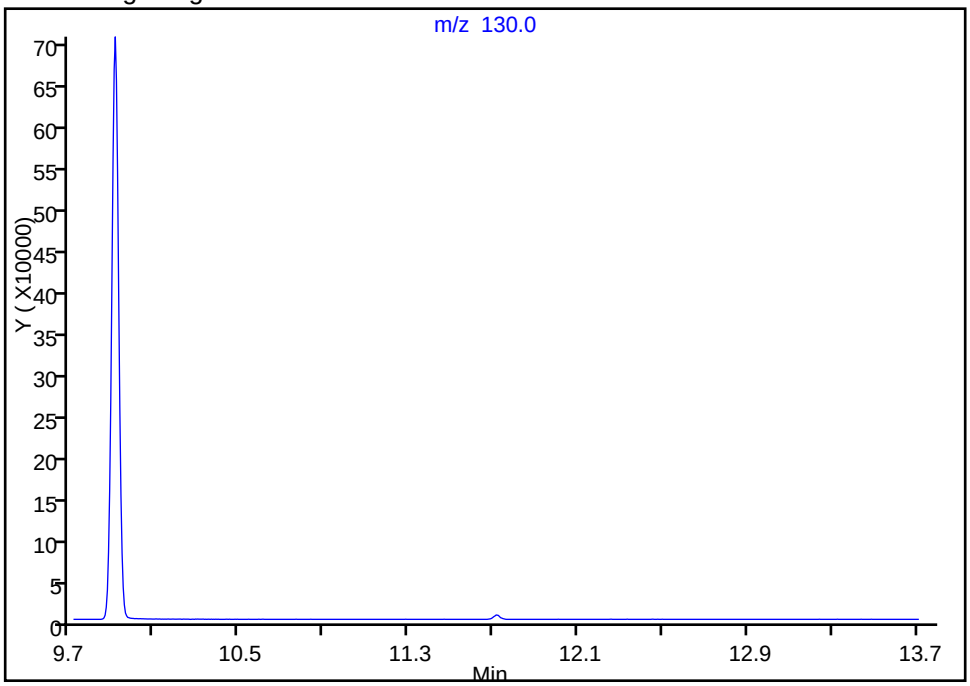
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D				
Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

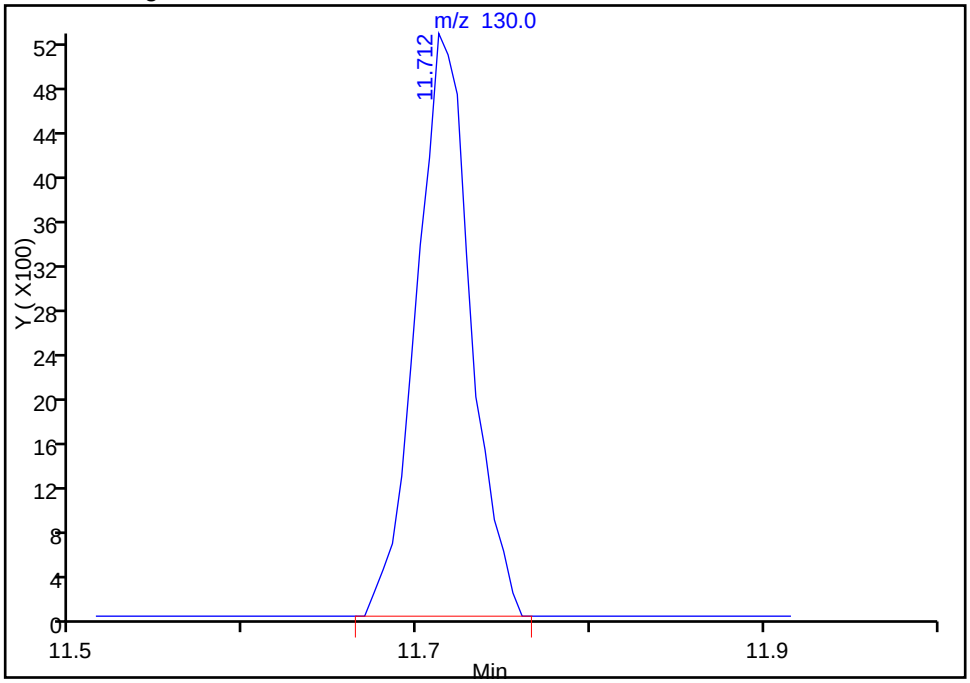
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Response: 11406
Amount: 0.020915



Reviewer: desjardinsb, 01-Apr-2014 07:13:01
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

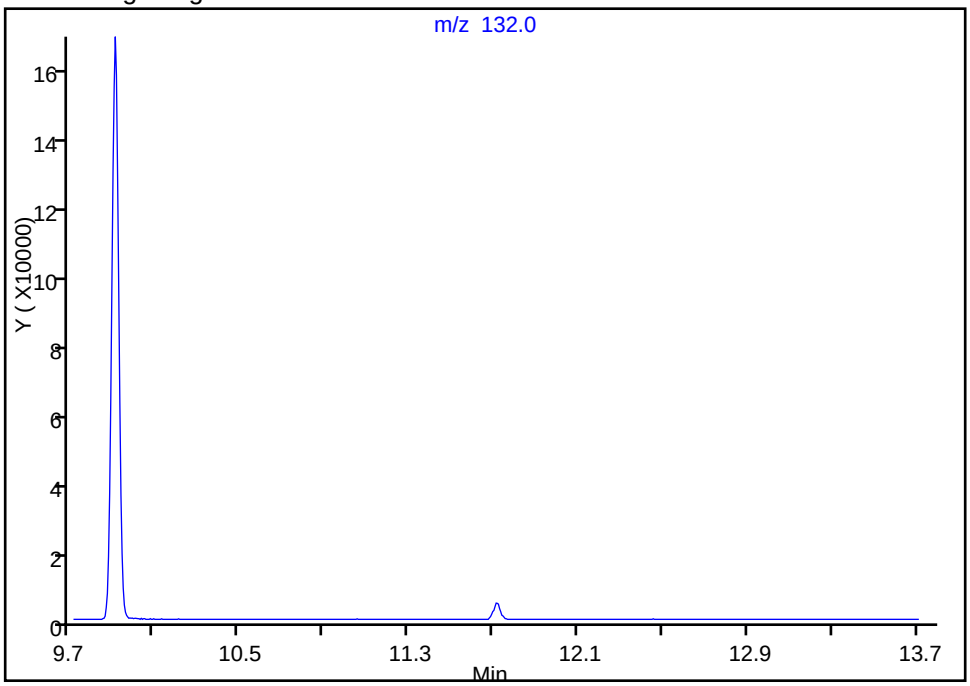
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_013.D				
Injection Date:	31-Mar-2014 19:25:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

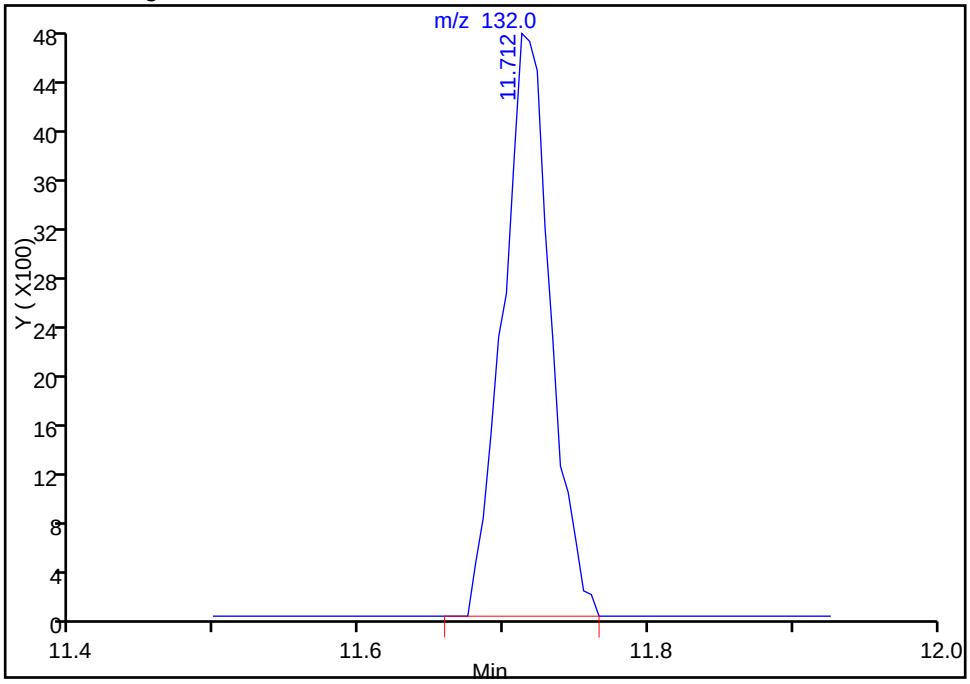
Not Detected
Expected RT: 11.71

Processing Integration Results



RT: 11.71
Response: 10802
Amount: 0.020915

Manual Integration Results



Reviewer: desjardinsb, 01-Apr-2014 07:13:01
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-45-IA-032514 DL Lab Sample ID: 200-21576-8 DL

Matrix: Air Lab File ID: 6815_008.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:06

Sample wt/vol: 100(mL) Date Analyzed: 04/01/2014 15:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 70169 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.10*	*U*	*0.10*	*0.10*
75-00-3	*Chloroethane*	*64.52*	*0.10*	*U*	*0.10*	*0.10*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.050*	*U*	*0.050*	*0.050*
75-09-2	*Methylene Chloride*	*84.93*	*0.50*	*U*	*0.50*	*0.50*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.050*	*U*	*0.050*	*0.050*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.050*	*U*	*0.050*	*0.050*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.050*	*U*	*0.050*	*0.050*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.050*	*U*	*0.050*	*0.050*
79-01-6	*Trichloroethene*	*131.39*	*0.050*	*U*	*0.050*	*0.050*
108-88-3	Toluene	92.14	2.5	D	0.050	0.050
127-18-4	*Tetrachloroethene*	*165.83*	*0.050*	*U*	*0.050*	*0.050*
100-41-4	*Ethylbenzene*	*106.17*	*0.20*	*D*	*0.050*	*0.050*
95-47-6	*o-Xylene*	*106.17*	*0.21*	*D*	*0.050*	*0.050*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.050*	*U*	*0.050*	*0.050*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*0.63*	*D*	*0.10*	*0.10*
1330-20-7	*Xylenes, Total*	*106.17*	*0.85*	*D*	*0.050*	*0.050*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.10*	*U*	*0.10*	*0.10*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-45-IA-032514 DL Lab Sample ID: 200-21576-8 DL

Matrix: Air Lab File ID: 6815_008.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 12:06

Sample wt/vol: 100(mL) Date Analyzed: 04/01/2014 15:59

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 70169 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.26*	*U*	*0.26*	*0.26*
75-00-3	*Chloroethane*	*64.52*	*0.26*	*U*	*0.26*	*0.26*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.20*	*U*	*0.20*	*0.20*
75-09-2	*Methylene Chloride*	*84.93*	*1.7*	*U*	*1.7*	*1.7*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.20*	*U*	*0.20*	*0.20*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.20*	*U*	*0.20*	*0.20*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.20*	*U*	*0.20*	*0.20*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.27*	*U*	*0.27*	*0.27*
79-01-6	*Trichloroethene*	*131.39*	*0.27*	*U*	*0.27*	*0.27*
108-88-3	Toluene	92.14	9.3	D	0.19	0.19
127-18-4	*Tetrachloroethene*	*165.83*	*0.34*	*U*	*0.34*	*0.34*
100-41-4	*Ethylbenzene*	*106.17*	*0.88*	*D*	*0.22*	*0.22*
95-47-6	*o-Xylene*	*106.17*	*0.93*	*D*	*0.22*	*0.22*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.20*	*U*	*0.20*	*0.20*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*2.7*	*D*	*0.43*	*0.43*
1330-20-7	*Xylenes, Total*	*106.17*	*3.7*	*D*	*0.22*	*0.22*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.40*	*U*	*0.40*	*0.40*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_008.D
Lims ID: 200-21576-A-8 Lab Sample ID: 200-21576-8
Client ID: RT-45-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 15:59:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 500.000 mL Dil. Factor: 5.0000
Sample Info: 200-0006815-008
Misc. Info.: 21578-8
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 02-Apr-2014 15:48:44 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 16:42:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.730					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.255					
13 Methylene Chloride	49	7.342	7.331	0.011	85	20885	0.0597	
15 trans-1,2-Dichloroethene	61		7.769					
17 1,1-Dichloroethane	63		8.561					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.519					
* 20 Chlorobromomethane	128	9.904	9.899	0.005	82	1141983	2.00	
22 1,1,1-Trichloroethane	97		10.230					
27 1,2-Dichloroethane	62		10.883					
* 29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	6023886	2.00	
30 Trichloroethene	95		11.707					
34 Toluene	92	13.510	13.510	0.000	93	370477	0.4936	
37 Tetrachloroethene	166	14.275	14.280	-0.005	53	1287	0.002224	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	82	5347520	2.00	
42 Ethylbenzene	91	15.591	15.591	0.000	91	59944	0.0404	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	97	73321	0.1264	
S 44 Xylenes, Total	106				0		0.1691	
45 o-Xylene	106	16.265	16.259	0.006	91	24254	0.0426	
51 BFB								

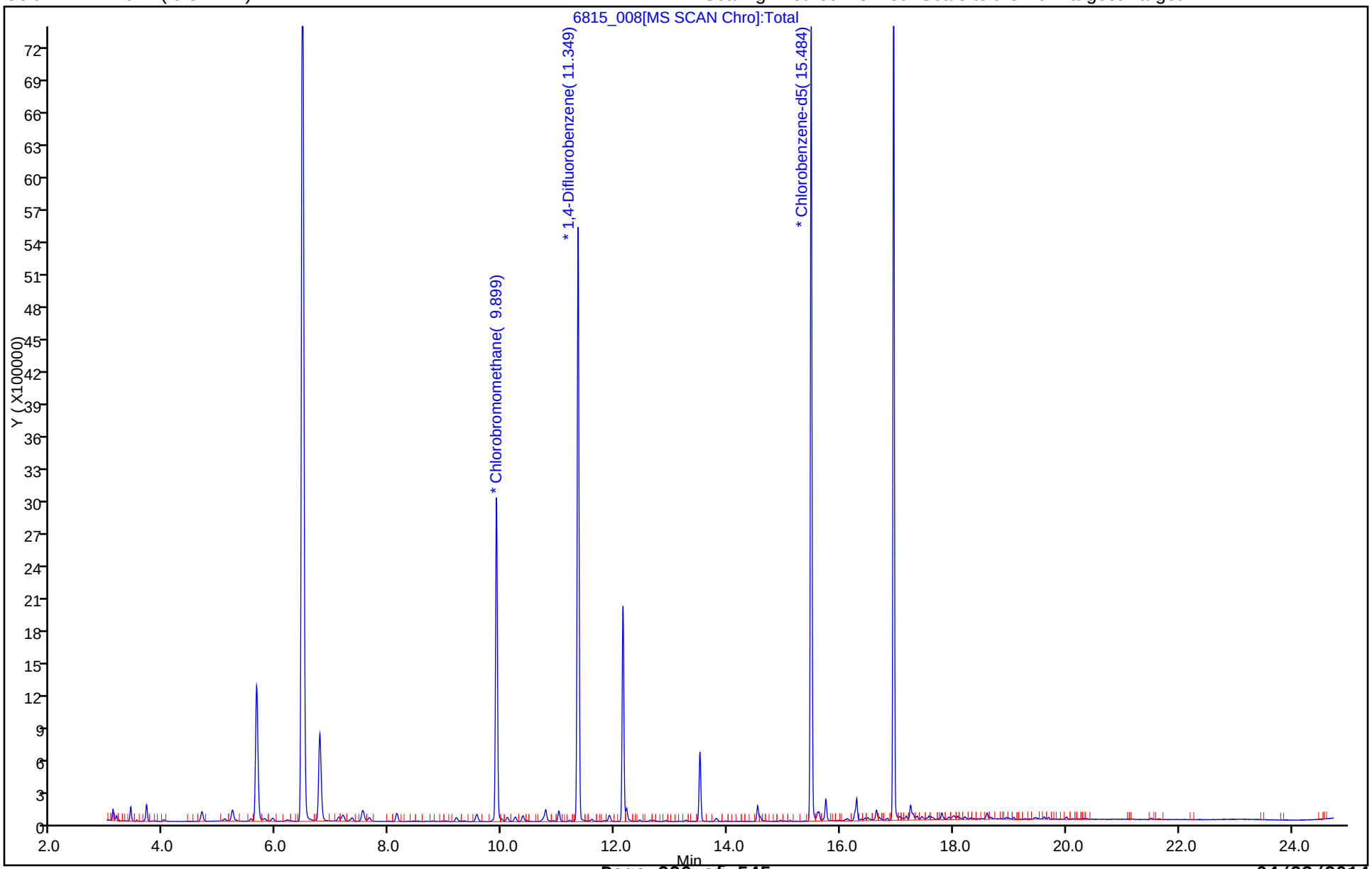
Report Date: 23-Apr-2014 16:00:35 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_008.D

Injection Date:	01-Apr-2014 15:59:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8	Worklist Smp#:	8
Client ID:	RT-45-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	5.0000	ALS Bottle#:	8
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



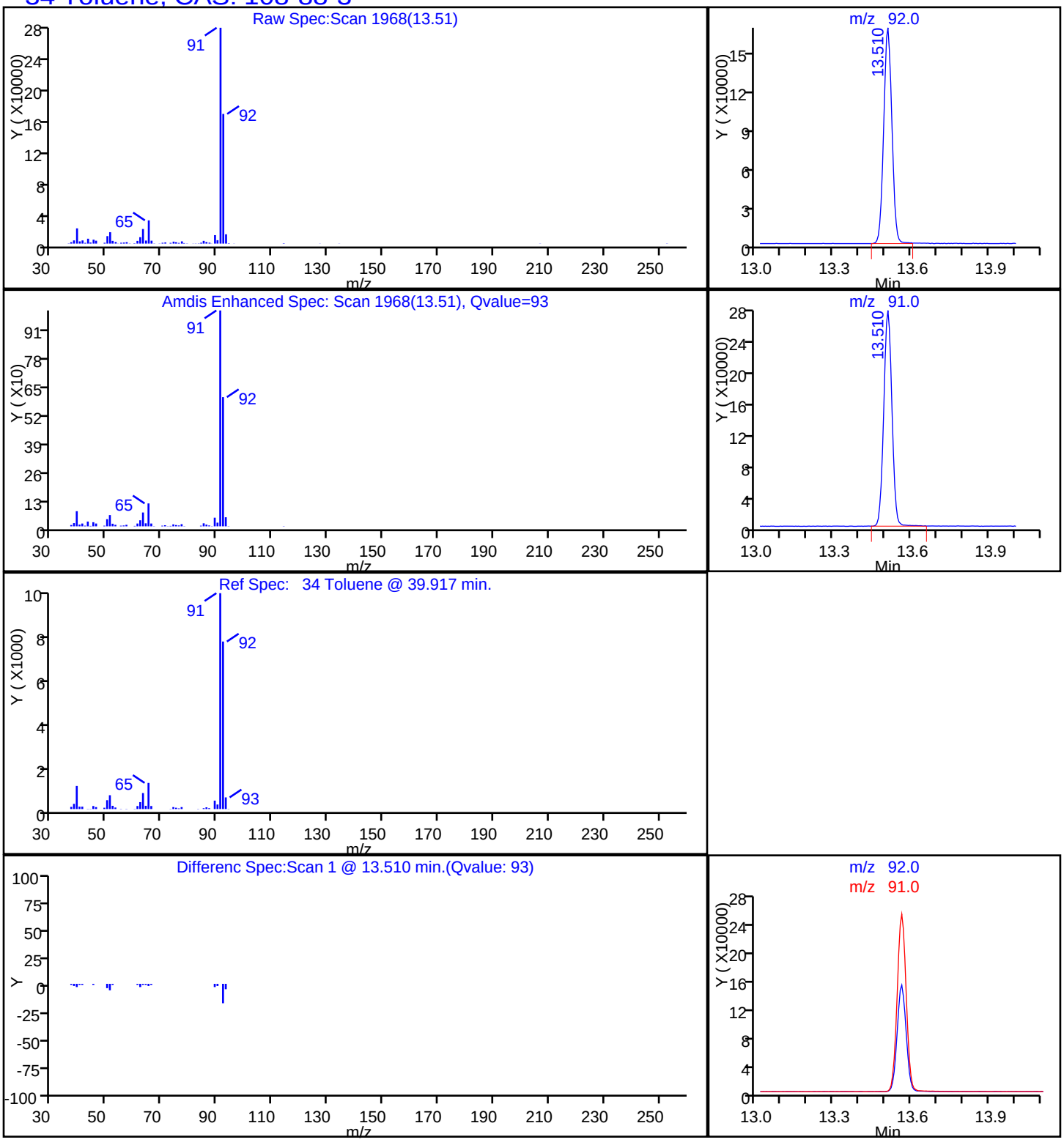
Report Date: 23-Apr-2014 16:00:35 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_008.D

Injection Date:	01-Apr-2014 15:59:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	5.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



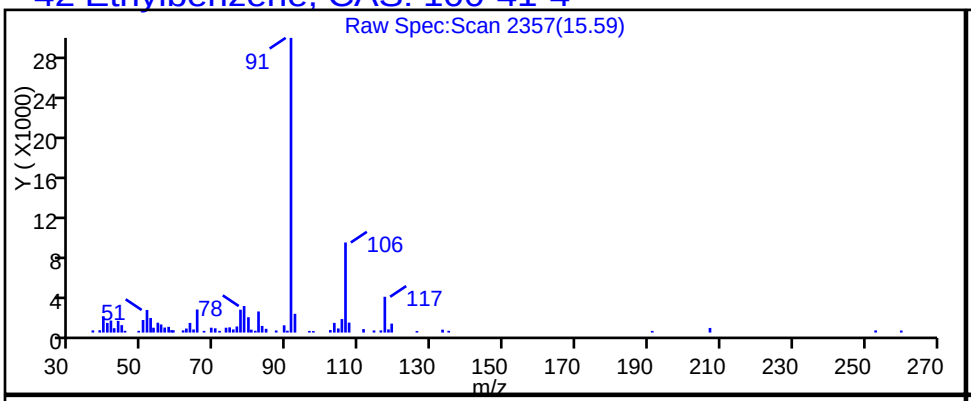
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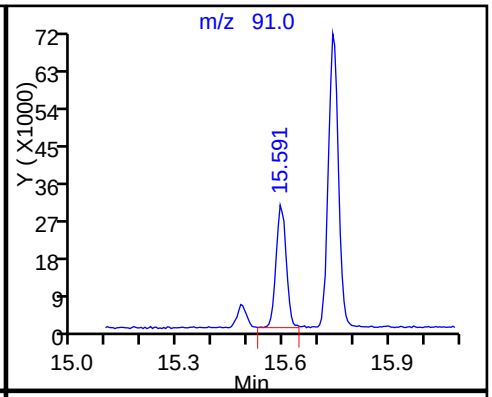
TestAmerica Burlington

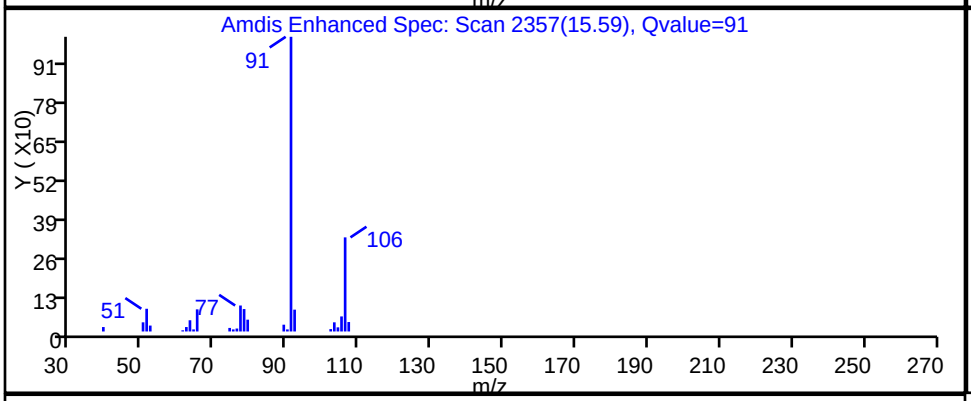
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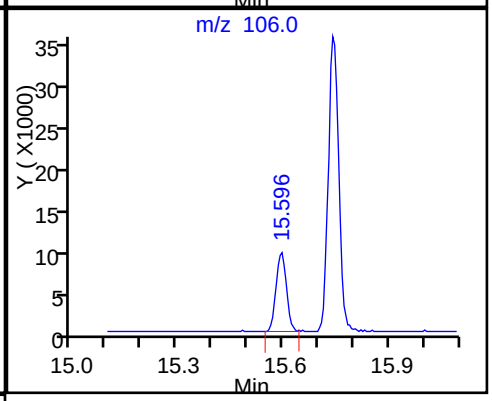
Injection Date:	01-Apr-2014 15:59:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	5.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

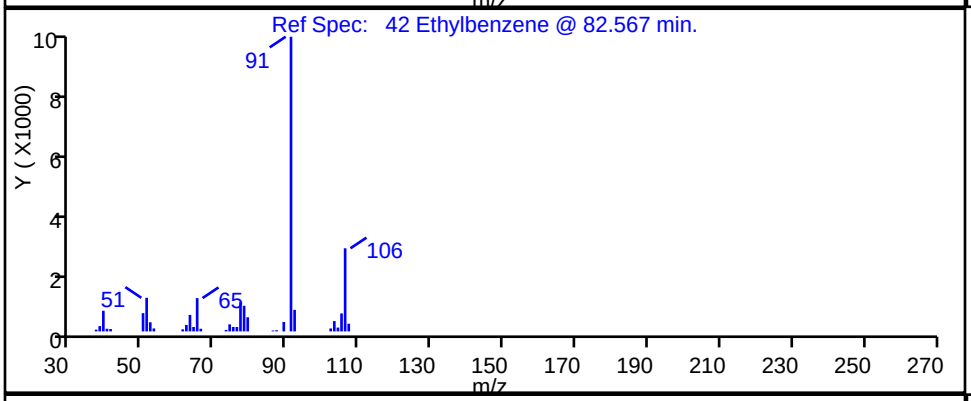
42 Ethylbenzene, CAS: 100-41-4

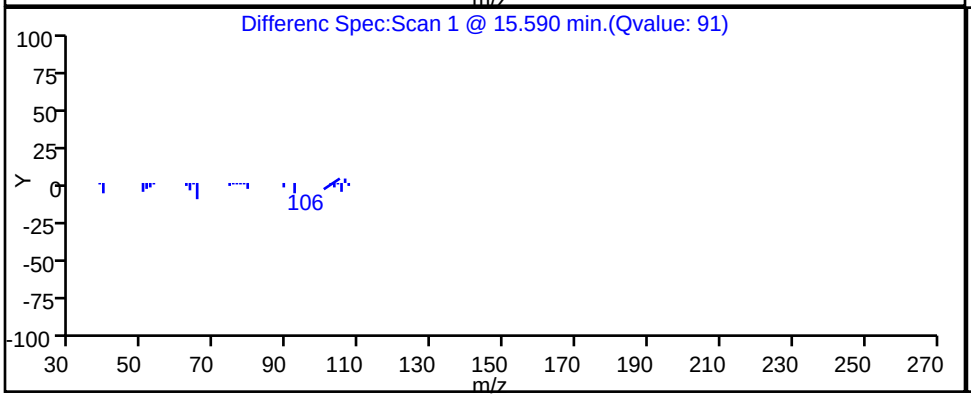


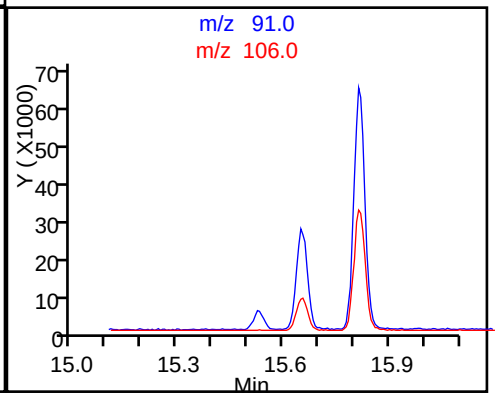












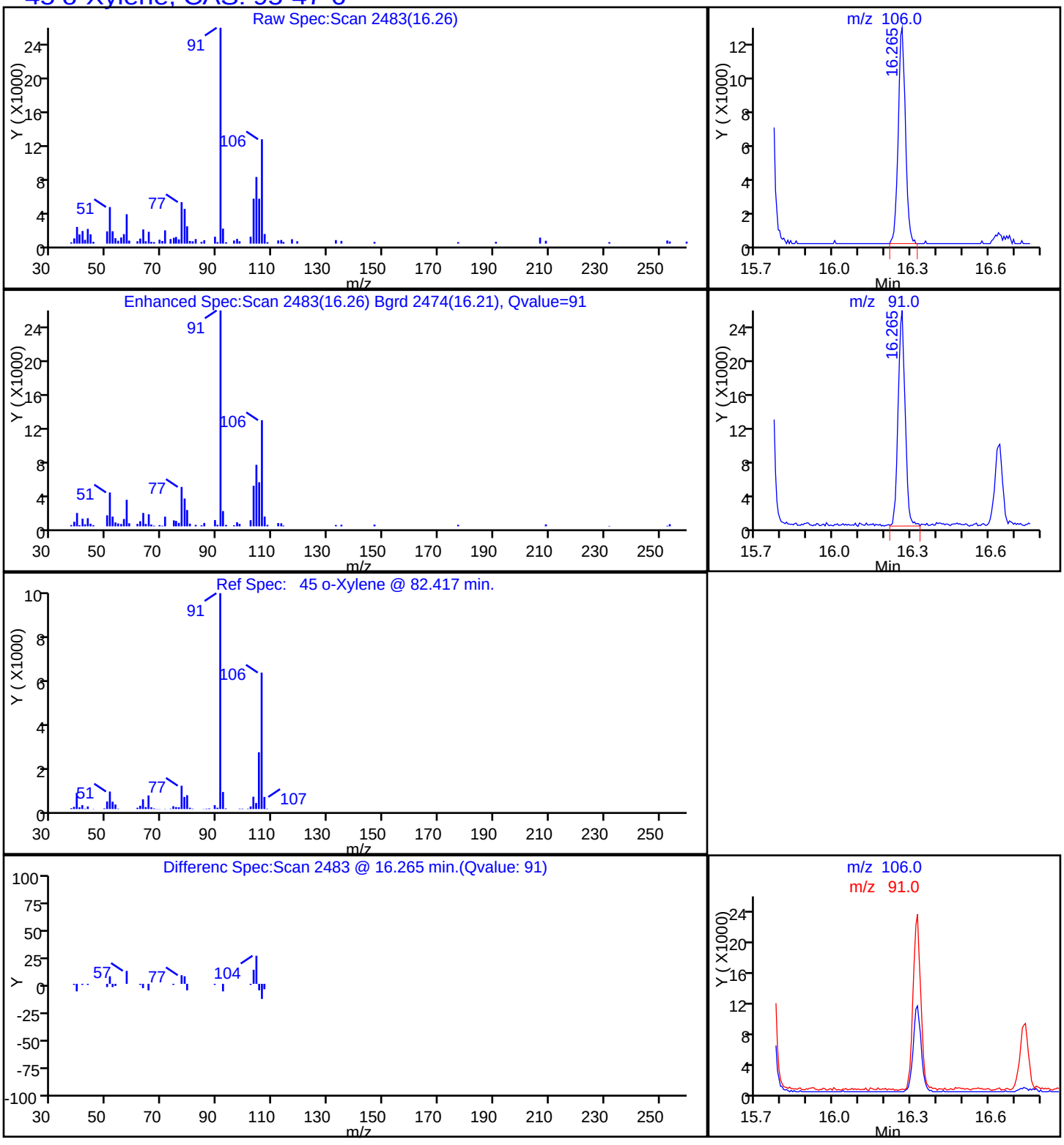
Report Date: 23-Apr-2014 16:00:35 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_008.D

Injection Date:	01-Apr-2014 15:59:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	5.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6

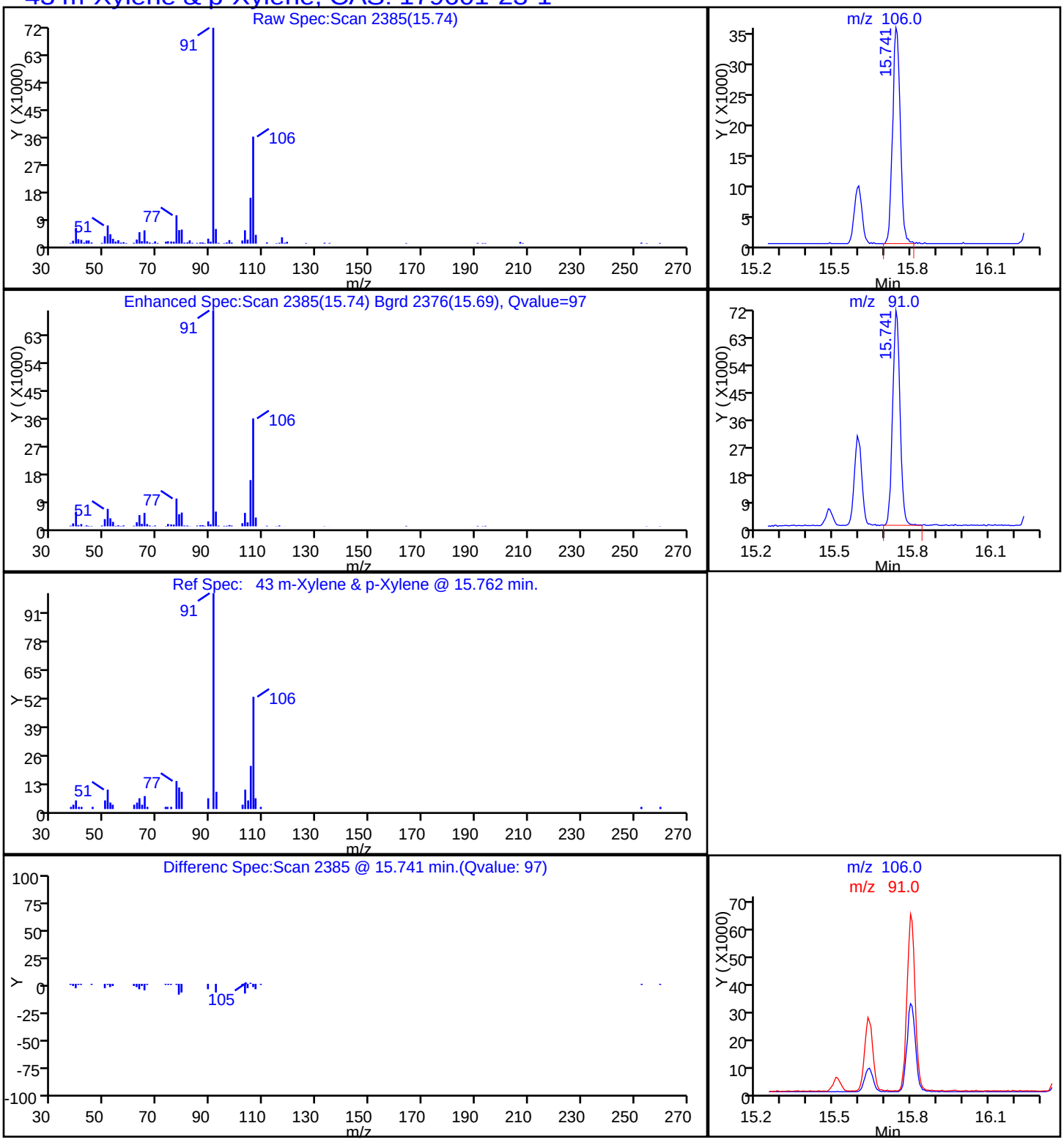


Report Date: 23-Apr-2014 16:00:35 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_008.D				
Injection Date:	01-Apr-2014 15:59:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-8	Lab Sample ID:	200-21576-8		
Client ID:	RT-45-IA-032514				
Operator ID:	wrd	ALS Bottle#:	8	Worklist Smp#:	8
Purge Vol:	500.000 mL	Dil. Factor:	5.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-AA-032514 Lab Sample ID: 200-21576-9

Matrix: Air Lab File ID: 6778_014.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 11:30

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 20:20

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.010	U	0.010	0.010
108-88-3	Toluene	92.14	0.12		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.010	U	0.010	0.010
100-41-4	Ethylbenzene	106.17	0.010	U	0.010	0.010
95-47-6	o-Xylene	106.17	0.010	U	0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.023		0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.032		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-AA-032514 Lab Sample ID: 200-21576-9

Matrix: Air Lab File ID: 6778_014.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 11:30

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 20:20

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.054	U	0.054	0.054
108-88-3	Toluene	92.14	0.44		0.038	0.038
127-18-4	Tetrachloroethene	165.83	0.068	U	0.068	0.068
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043
95-47-6	o-Xylene	106.17	0.043	U	0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.10		0.087	0.087
1330-20-7	Xylenes, Total	106.17	0.14		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_014.D
Lims ID: 200-21576-A-9 Lab Sample ID: 200-21576-9
Client ID: RT-AA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 20:20:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-014
Misc. Info.: 21576-9
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:14:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.341	7.336	0.005	80	37595	0.0908	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.899	9.899	0.000	77	1351780	2.00	
22 1,1,1-Trichloroethane	97		10.230					
27 1,2-Dichloroethane	62	10.883	10.888	-0.005	70	5754	0.0125	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7127045	2.00	
30 Trichloroethene	95	11.707	11.712	-0.005	70	4027	0.007055	M
34 Toluene	92	13.510	13.510	0.000	94	105887	0.1168	
37 Tetrachloroethene	166	14.275	14.280	-0.005	70	3055	0.004370	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	81	6459064	2.00	
42 Ethylbenzene	91	15.596	15.596	0.000	62	14681	0.008185	
43 m-Xylene & p-Xylene	106	15.741	15.746	-0.006	91	16145	0.0230	
S 44 Xylenes, Total	106				0		0.0321	
45 o-Xylene	106	16.265	16.265	0.000	88	6207	0.009036	
51 BFB								

QC Flag Legend

Review Flags
M - Manually Integrated

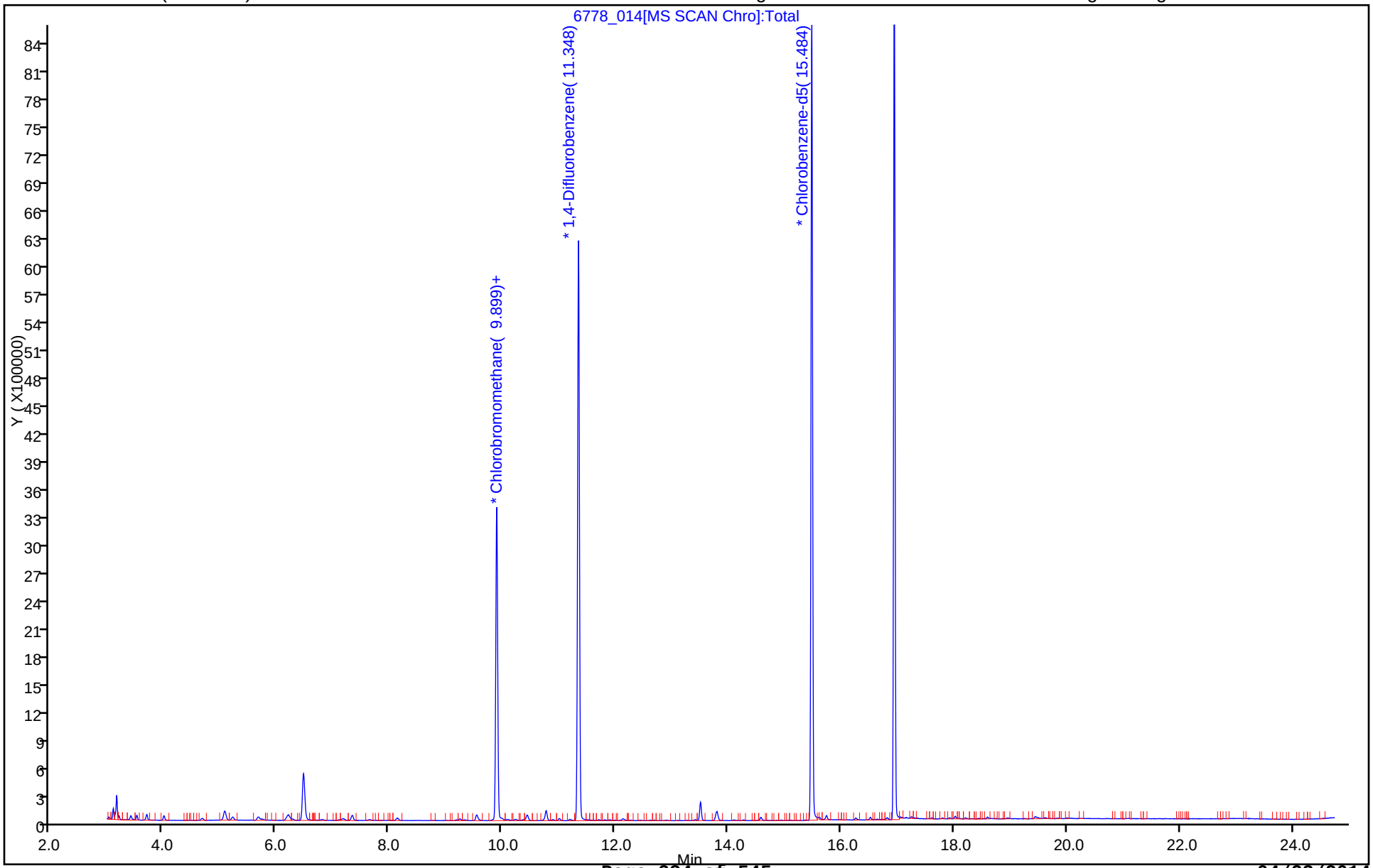
Report Date: 23-Apr-2014 14:51:55 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_014.D

Injection Date:	31-Mar-2014 20:20:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-9	Lab Sample ID:	200-21576-9	Worklist Smp#:	14
Client ID:	RT-AA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



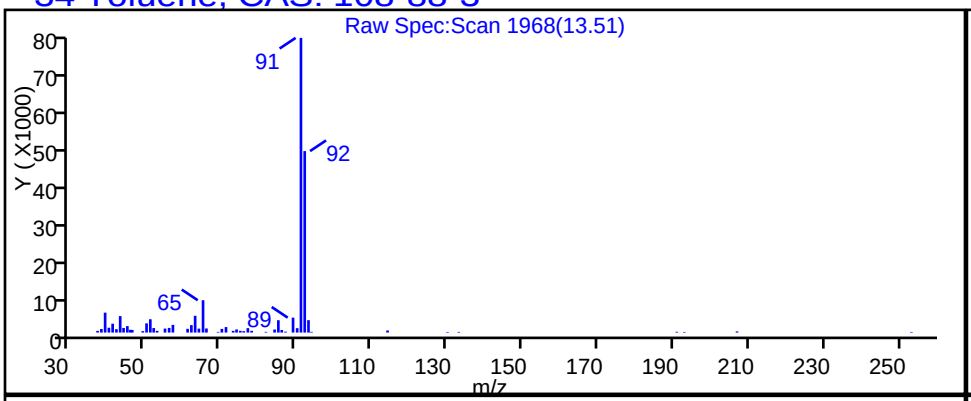
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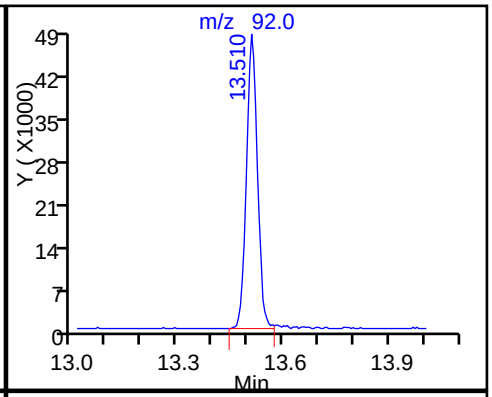
TestAmerica Burlington

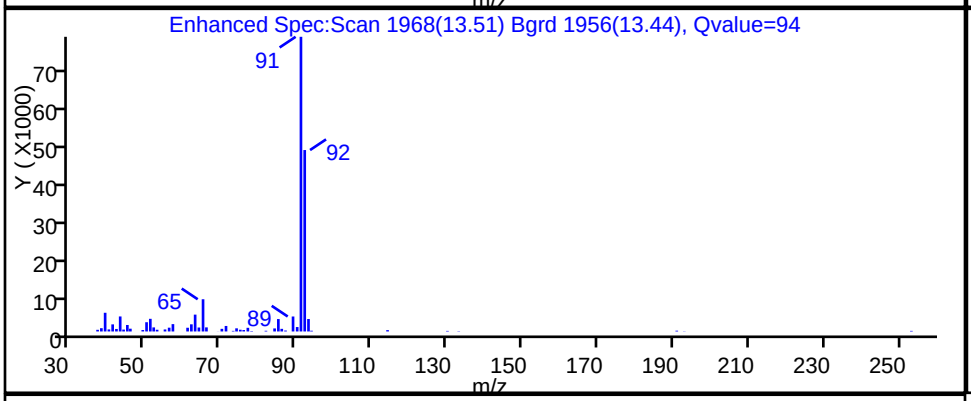
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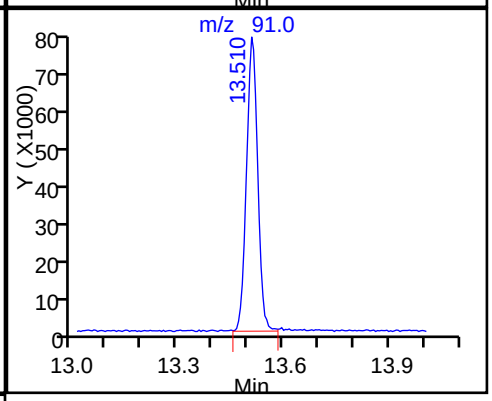
Injection Date:	31-Mar-2014 20:20:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-9	Lab Sample ID:	200-21576-9		
Client ID:	RT-AA-032514				
Operator ID:	wrd	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

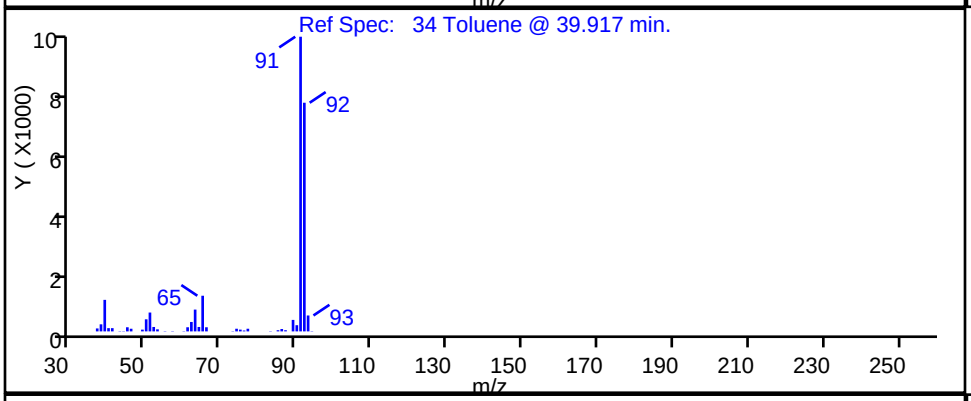
34 Toluene, CAS: 108-88-3

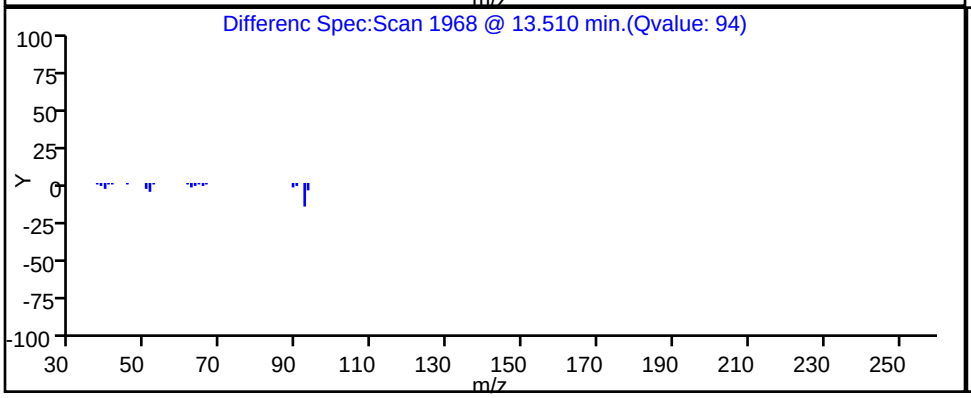


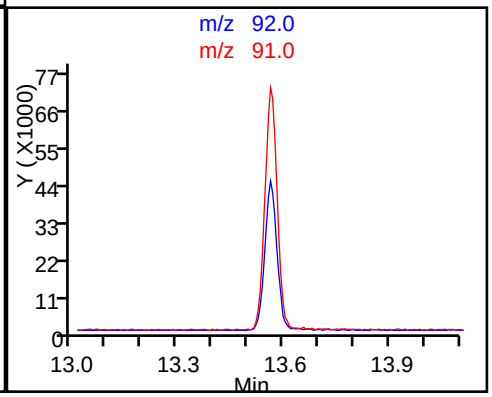












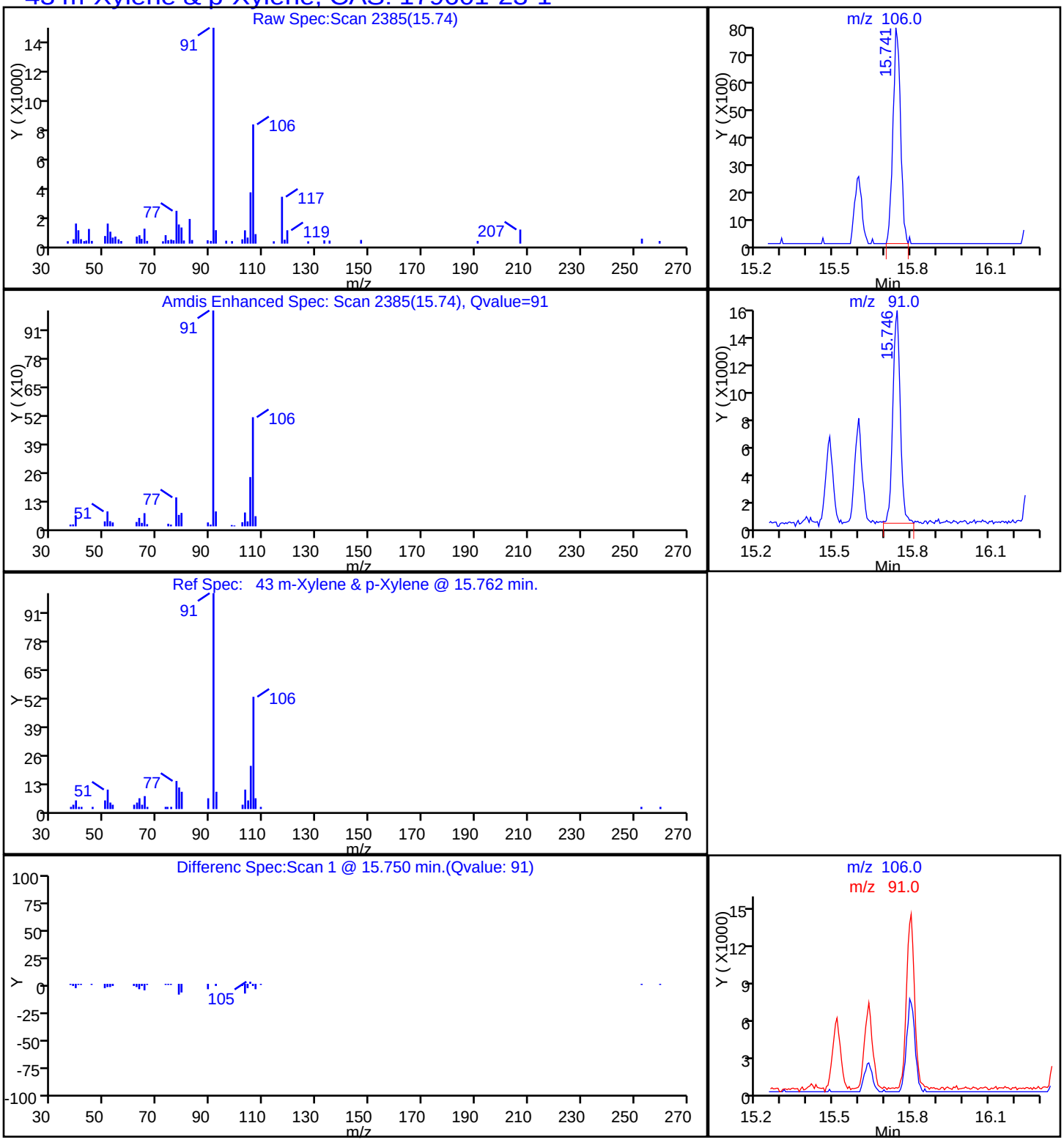
Report Date: 23-Apr-2014 14:51:56 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_014.D

Injection Date:	31-Mar-2014 20:20:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-9	Lab Sample ID:	200-21576-9		
Client ID:	RT-AA-032514				
Operator ID:	wrd	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



Manual Integration/User Assign Peak Report

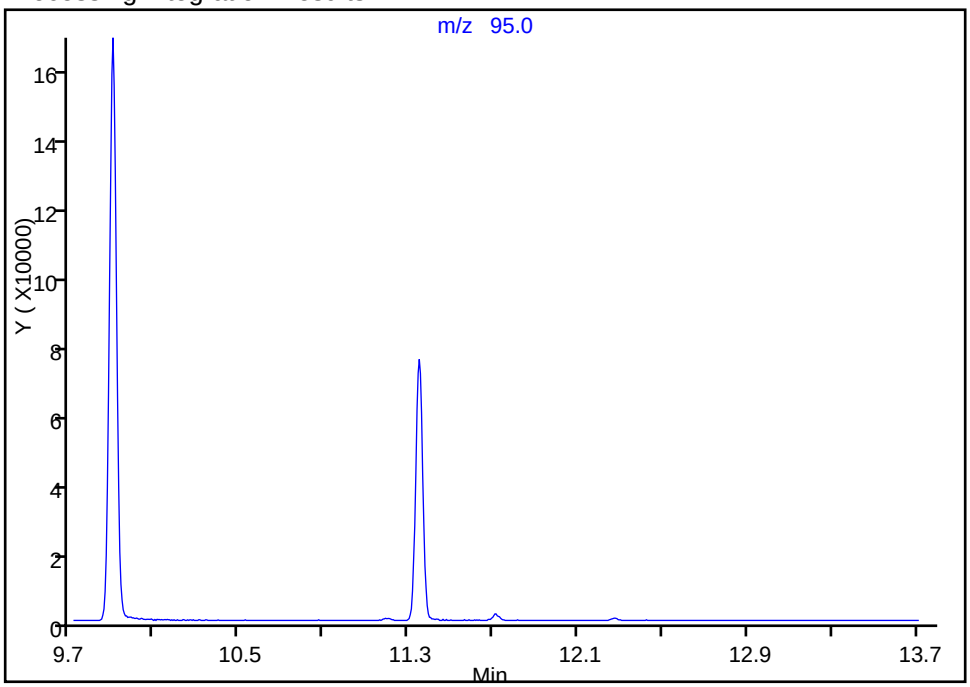
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_014.D				
Injection Date:	31-Mar-2014 20:20:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-9	Lab Sample ID:	200-21576-9		
Client ID:	RT-AA-032514				
Operator ID:	wrd	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

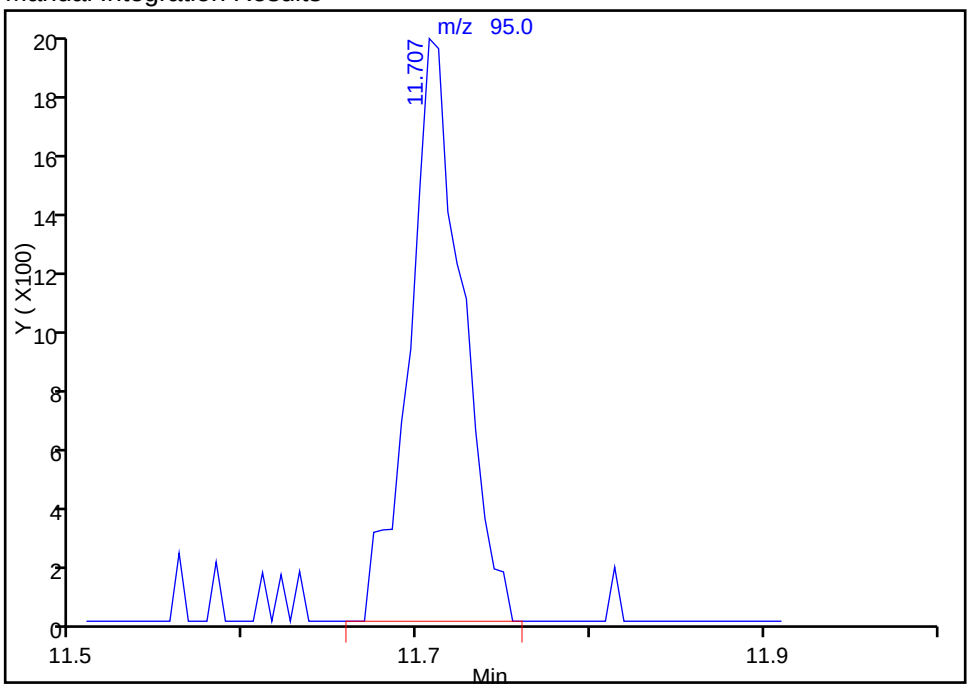
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Response: 4027
Amount: 0.007055



Reviewer: desjardinsb, 01-Apr-2014 07:14:12
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

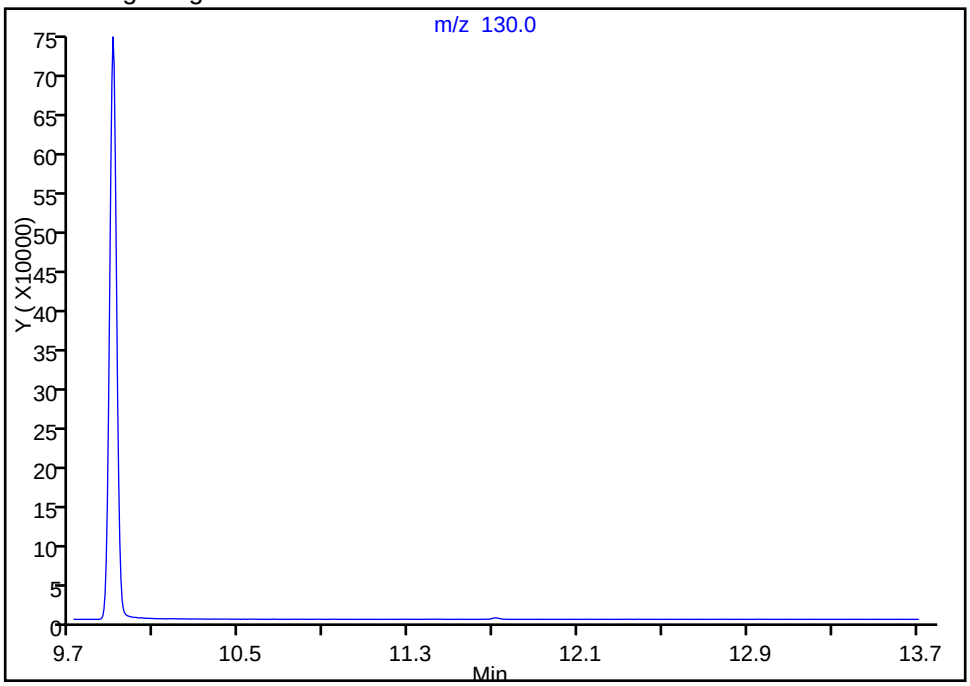
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_014.D				
Injection Date:	31-Mar-2014 20:20:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-9	Lab Sample ID:	200-21576-9		
Client ID:	RT-AA-032514				
Operator ID:	wrd	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

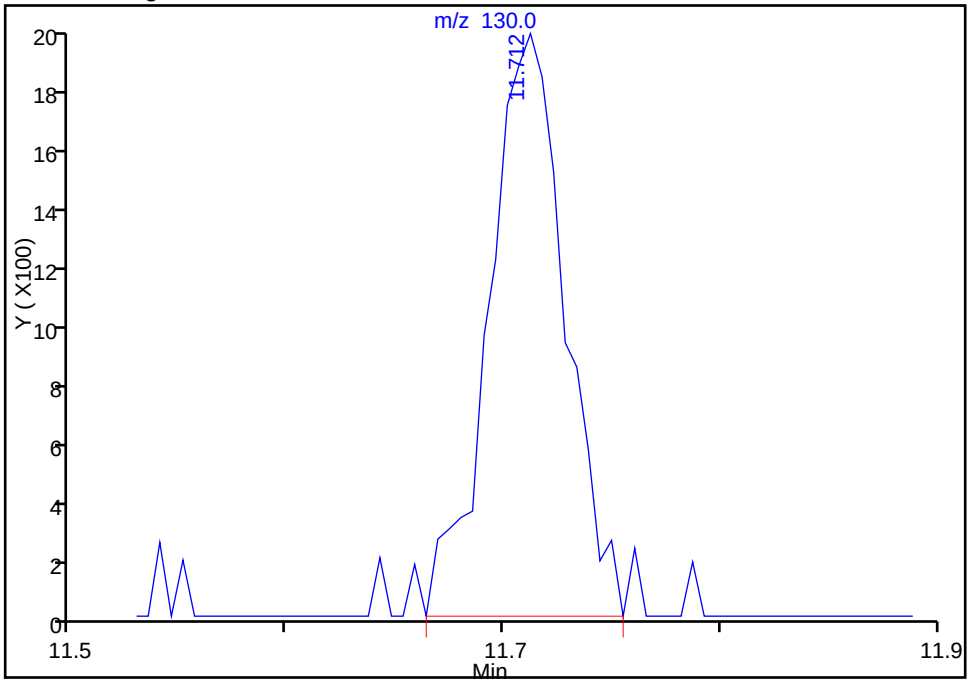
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Response: 4693
Amount: 0.007055



Reviewer: desjardinsb, 01-Apr-2014 07:14:12
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

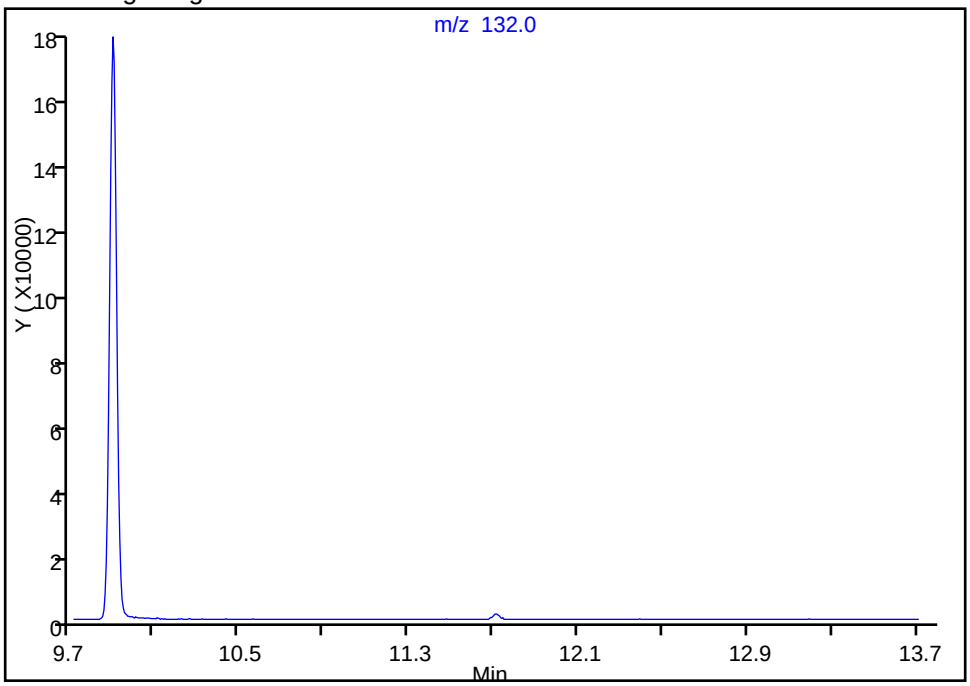
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_014.D				
Injection Date:	31-Mar-2014 20:20:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-9	Lab Sample ID:	200-21576-9		
Client ID:	RT-AA-032514				
Operator ID:	wrd	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

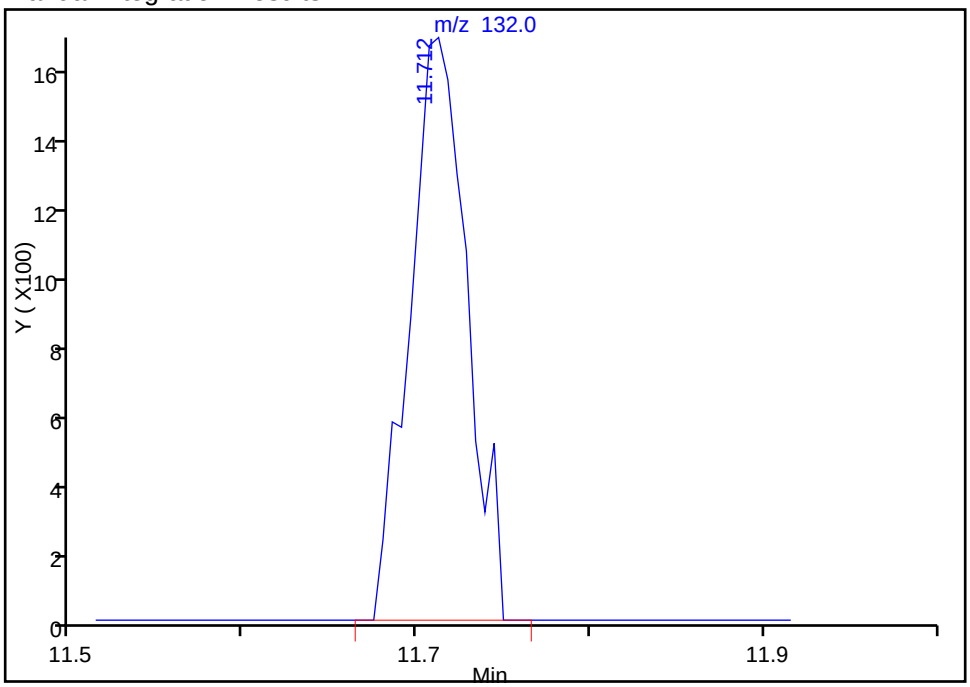
Not Detected
Expected RT: 11.71

Processing Integration Results



Manual Integration Results

RT: 11.71
Response: 3782
Amount: 0.007055



Reviewer: desjardinsb, 01-Apr-2014 07:14:12
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-DUP-IA-032514 Lab Sample ID: 200-21576-10

Matrix: Air Lab File ID: 6778_015.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 21:14

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.19		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.028		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.013		0.010	0.010
79-01-6	Trichloroethene	131.39	0.094		0.010	0.010
108-88-3	*Toluene*	*92.14*	*1.1*	*E*	*0.010*	*0.010*
127-18-4	Tetrachloroethene	165.83	0.022		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.29		0.010	0.010
95-47-6	o-Xylene	106.17	0.29		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.028		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.94		0.020	0.020
1330-20-7	Xylenes, Total	106.17	1.2		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-DUP-IA-032514 Lab Sample ID: 200-21576-10

Matrix: Air Lab File ID: 6778_015.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 21:14

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.67		0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.11		0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.070		0.055	0.055
79-01-6	Trichloroethene	131.39	0.50		0.054	0.054
108-88-3	*Toluene*	*92.14*	*4.0*	*E*	*0.038*	*0.038*
127-18-4	Tetrachloroethene	165.83	0.15		0.068	0.068
100-41-4	Ethylbenzene	106.17	1.3		0.043	0.043
95-47-6	o-Xylene	106.17	1.2		0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.11		0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	4.1		0.087	0.087
1330-20-7	Xylenes, Total	106.17	5.3		0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D
Lims ID: 200-21576-A-10 Lab Sample ID: 200-21576-10
Client ID: RT-DUP-IA-032514
Sample Type: Client
Inject. Date: 31-Mar-2014 21:14:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-015
Misc. Info.: 21576-10
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 23-Apr-2014 14:15:58 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 01-Apr-2014 07:15:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
4 Vinyl chloride	62		3.736					
7 Chloroethane	64		4.597					
11 1,1-Dichloroethene	96		6.256					
13 Methylene Chloride	49	7.336	7.336	0.000	81	80312	0.1940	
15 trans-1,2-Dichloroethene	61		7.775					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61				0		0.0285	
19 cis-1,2-Dichloroethene	96	9.529	9.524	0.005	32	13068	0.0285	
* 20 Chlorobromomethane	128	9.899	9.899	0.000	77	1351324	2.00	
22 1,1,1-Trichloroethane	97	10.225	10.230	-0.005	27	10933	0.0129	
27 1,2-Dichloroethane	62	10.894	10.888	0.006	66	5925	0.0131	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.000	92	7014623	2.00	
30 Trichloroethene	95	11.712	11.712	0.000	92	52614	0.0937	
34 Toluene	92	13.510	13.510	0.000	93	908425	1.05	E
37 Tetrachloroethene	166	14.280	14.280	0.000	90	14803	0.0222	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.000	83	6154925	2.00	
42 Ethylbenzene	91	15.596	15.596	0.000	97	497352	0.2910	
43 m-Xylene & p-Xylene	106	15.740	15.746	-0.006	97	624193	0.9351	
S 44 Xylenes, Total	106				0		1.22	
45 o-Xylene	106	16.265	16.265	0.000	95	187421	0.2863	
51 BFB								

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

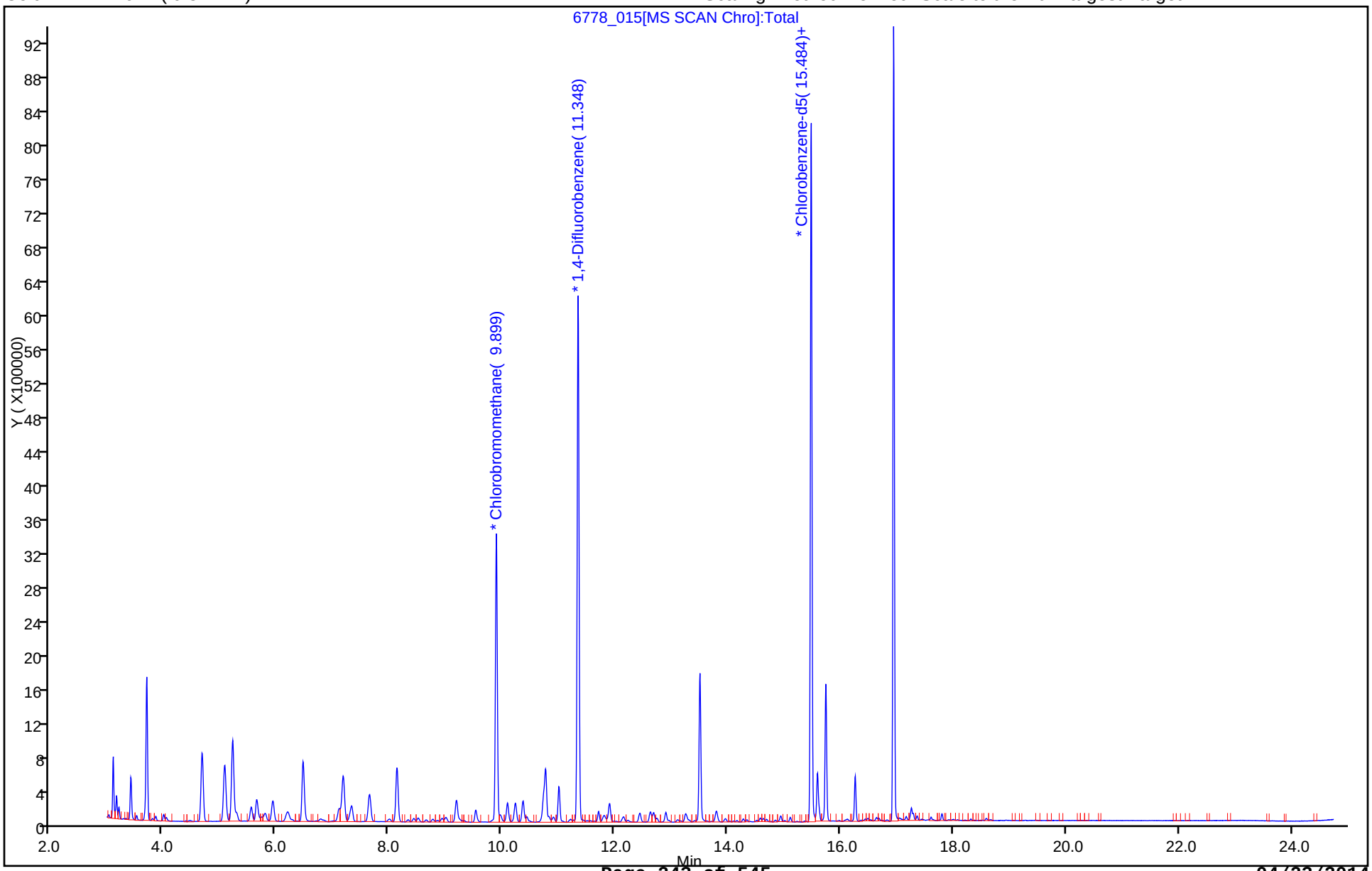
Report Date: 23-Apr-2014 14:52:02 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10	Worklist Smp#:	15
Client ID:	RT-DUP-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



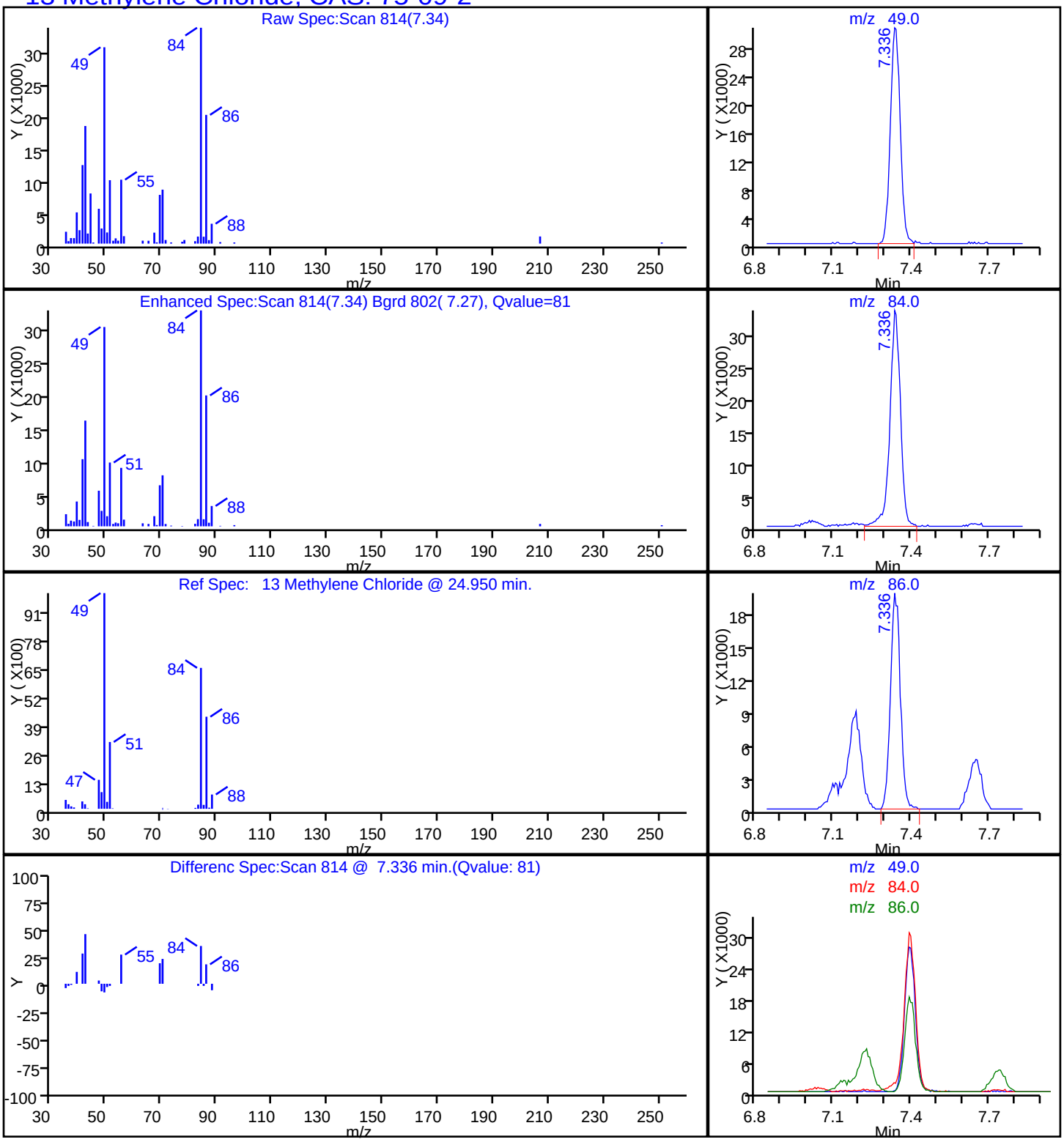
Report Date: 23-Apr-2014 14:52:02 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Methylene Chloride, CAS: 75-09-2



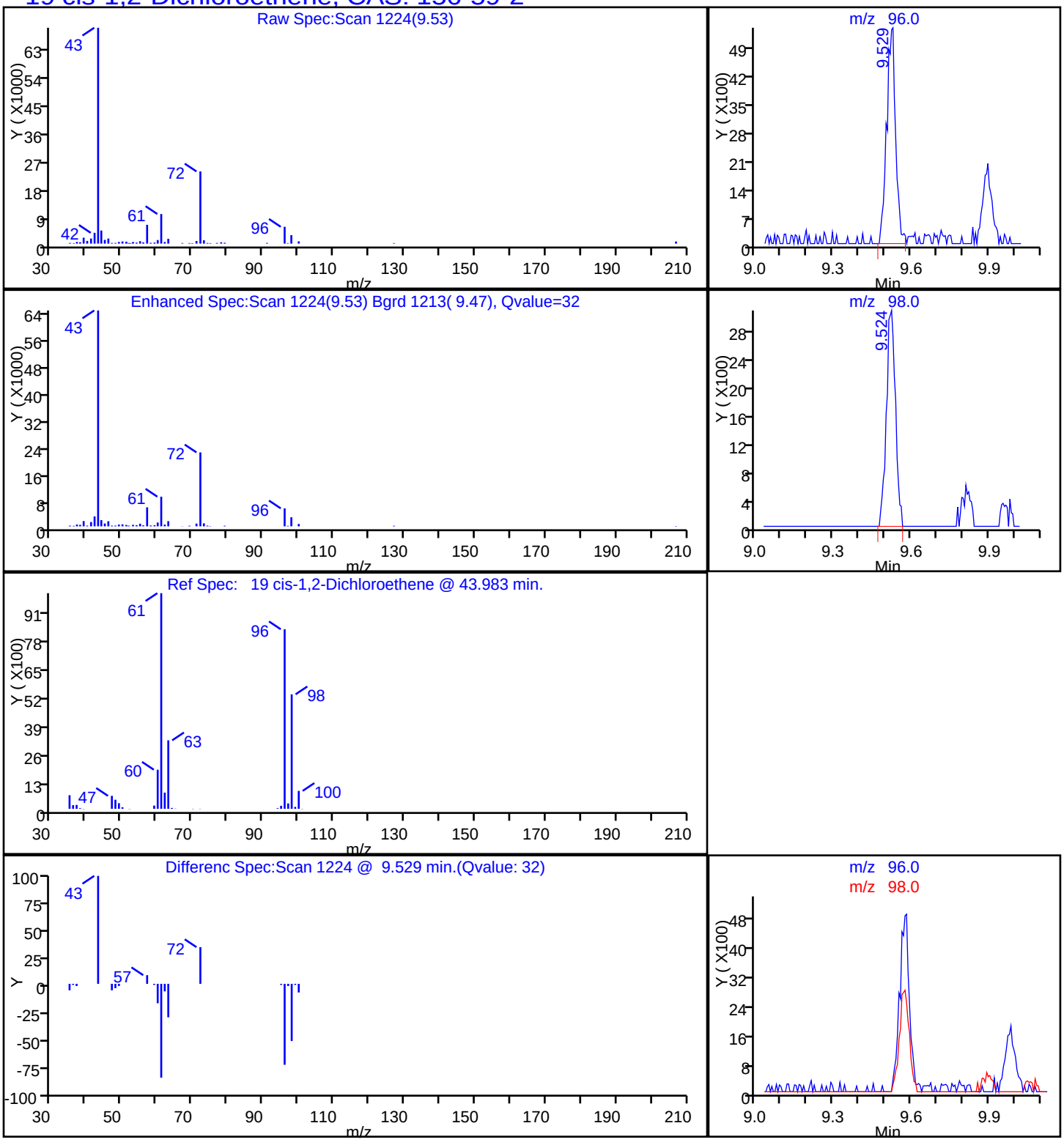
Report Date: 23-Apr-2014 14:52:02 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



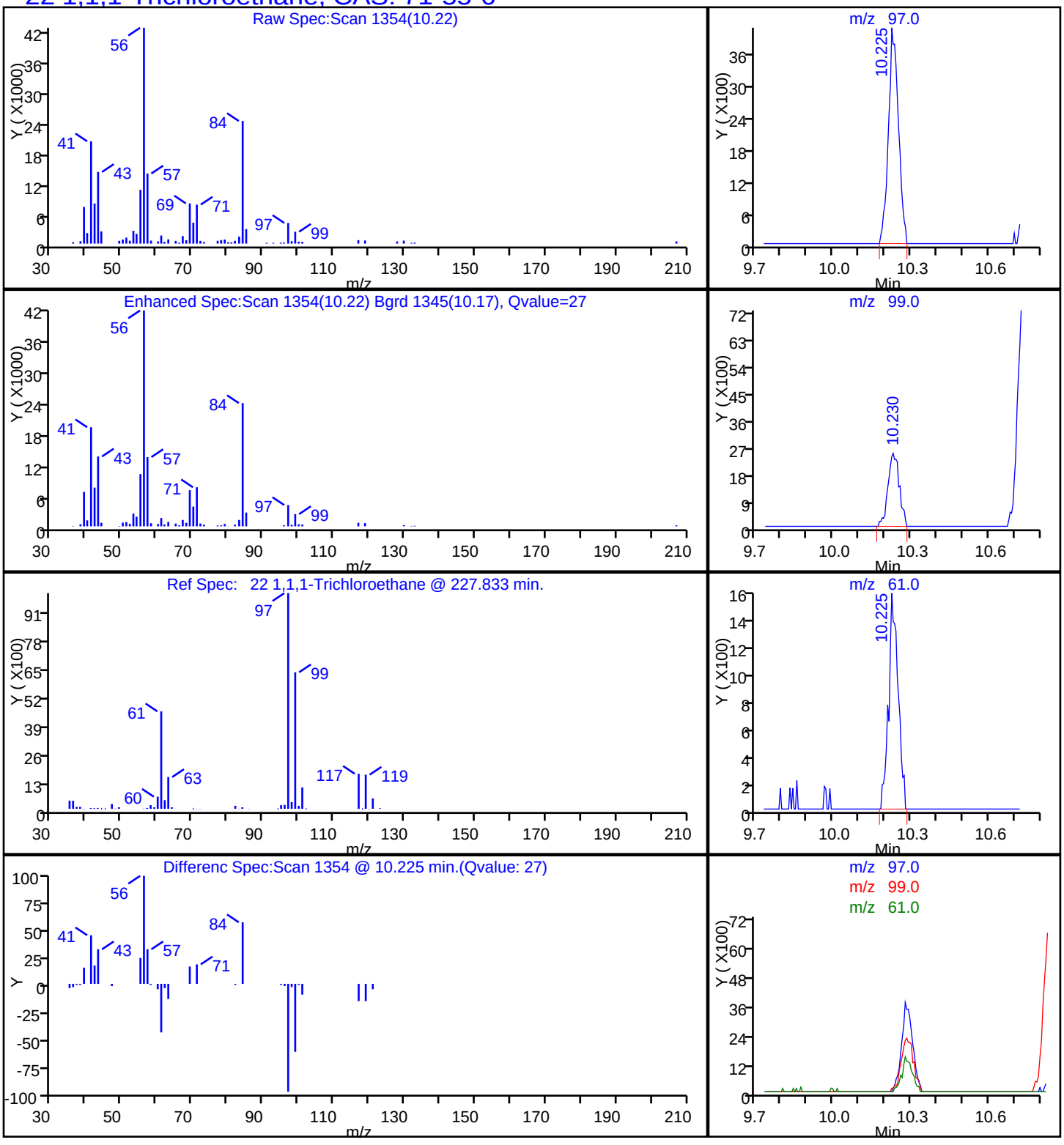
Report Date: 23-Apr-2014 14:52:02 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

22 1,1,1-Trichloroethane, CAS: 71-55-6



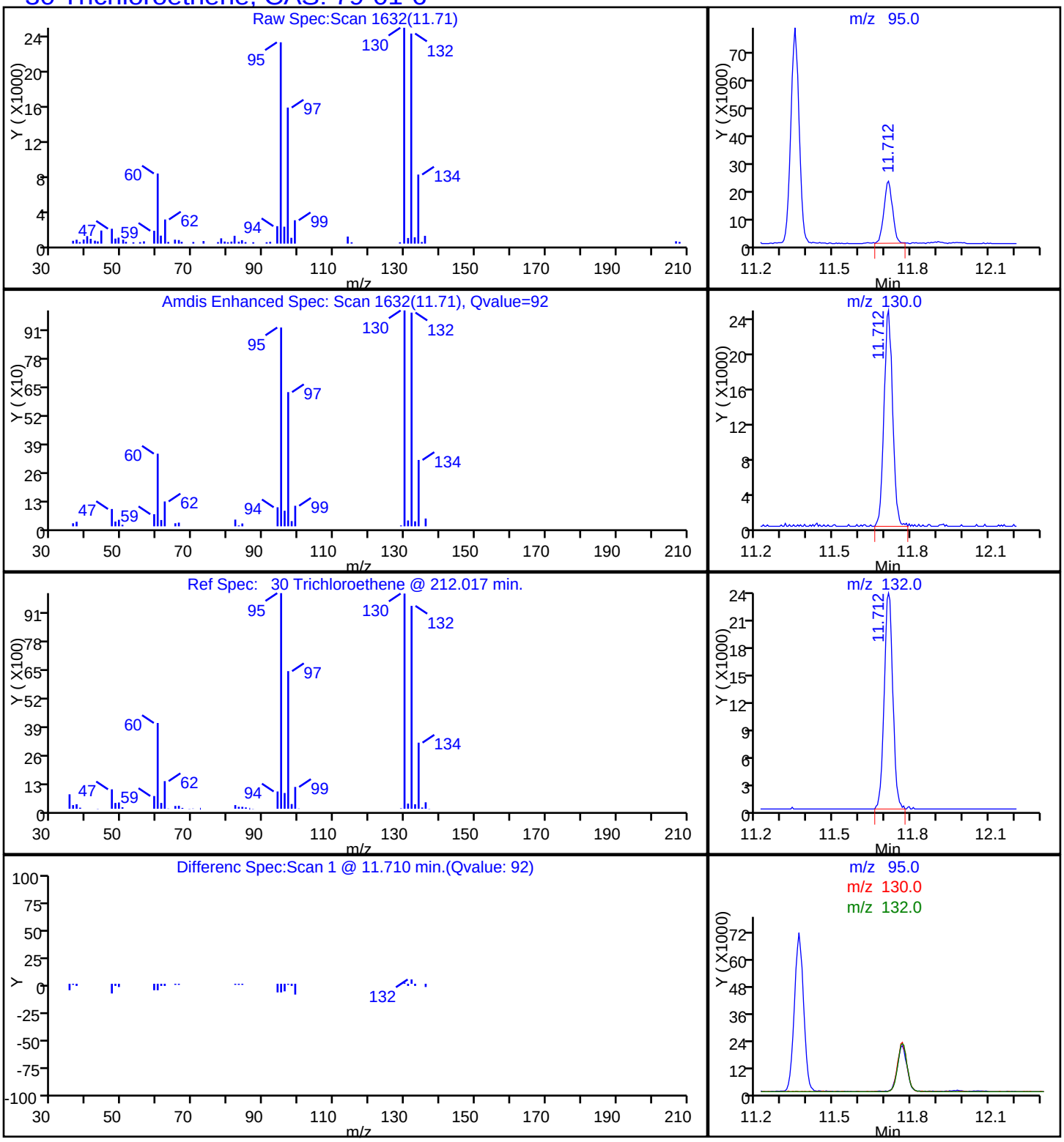
Report Date: 23-Apr-2014 14:52:02 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



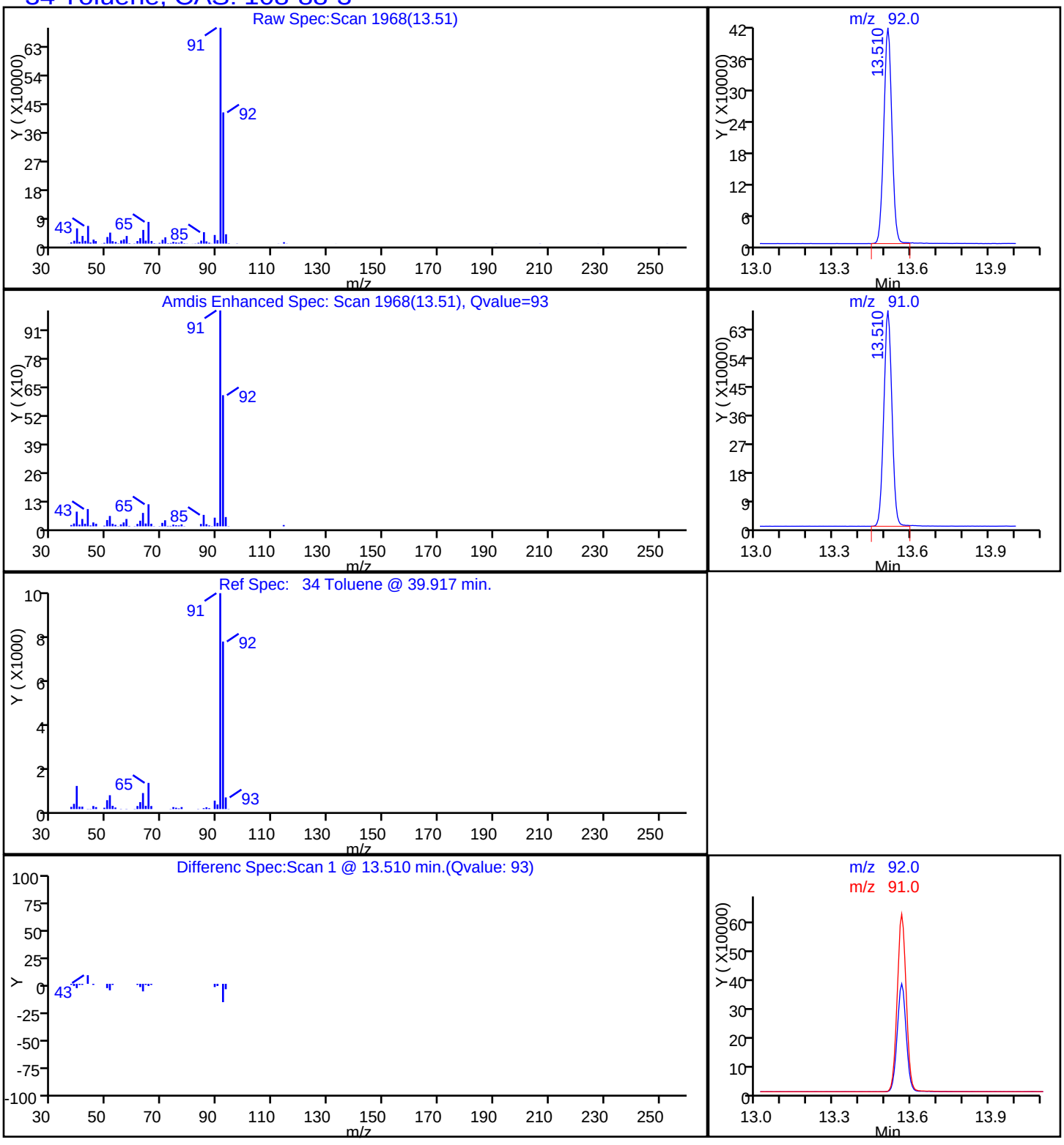
Report Date: 23-Apr-2014 14:52:03 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



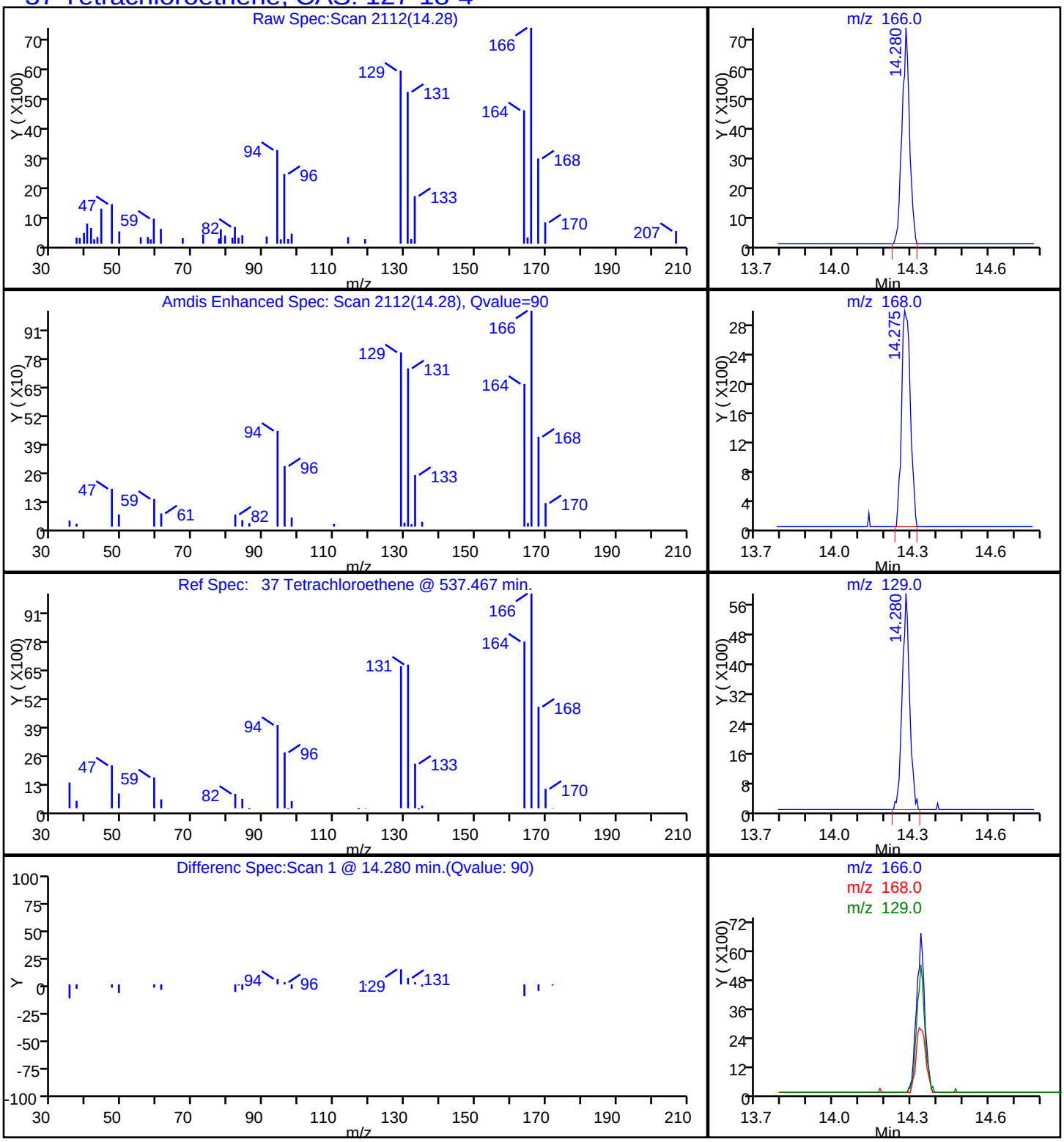
Report Date: 23-Apr-2014 14:52:03 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

37 Tetrachloroethene, CAS: 127-18-4



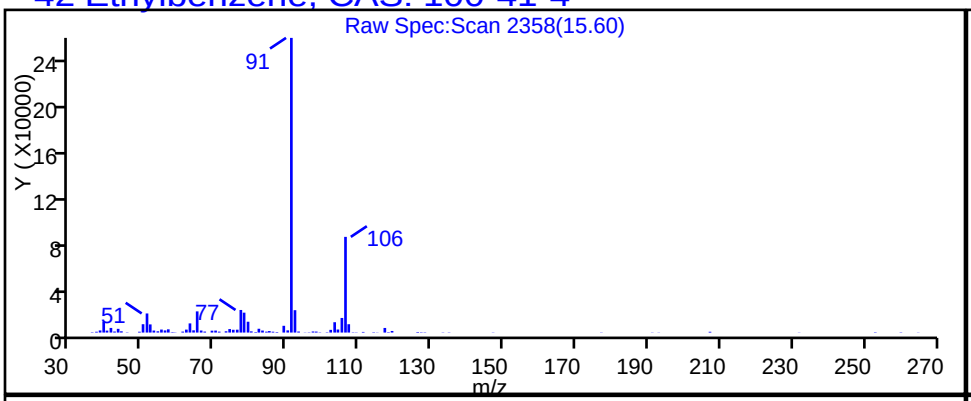
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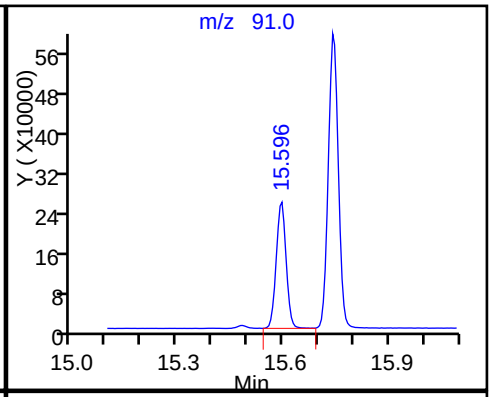
TestAmerica Burlington

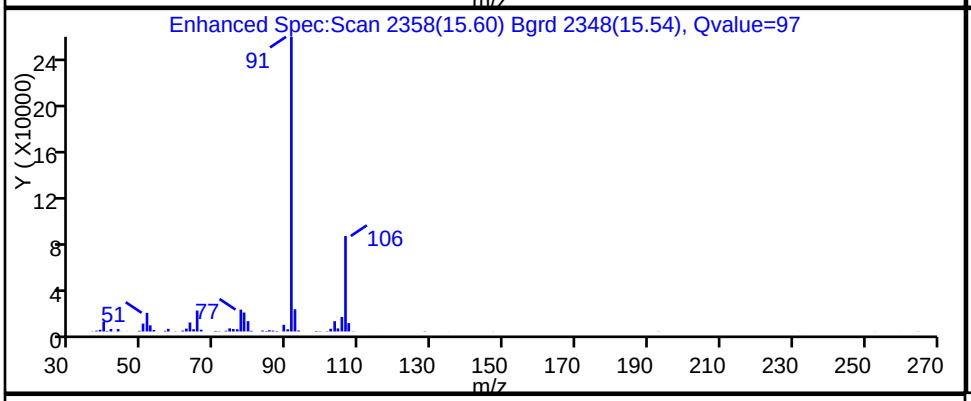
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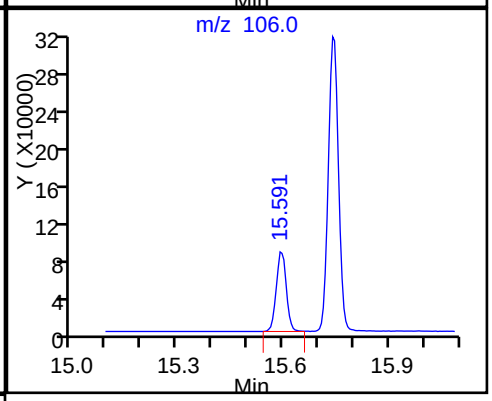
Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

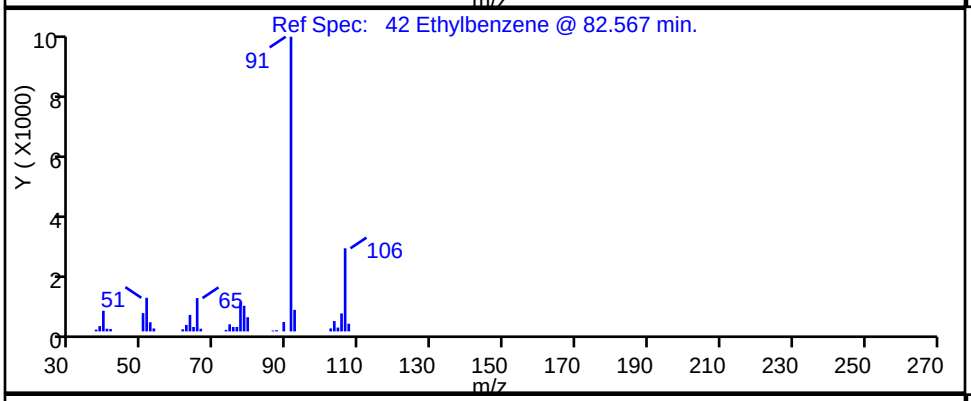
42 Ethylbenzene, CAS: 100-41-4

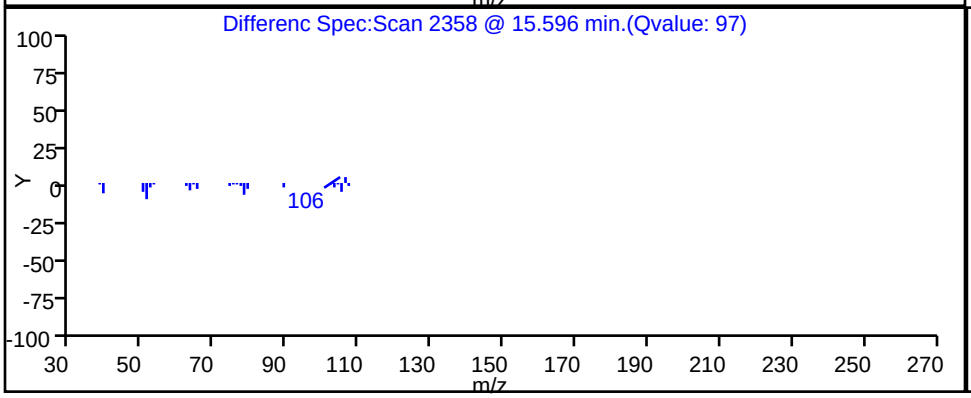


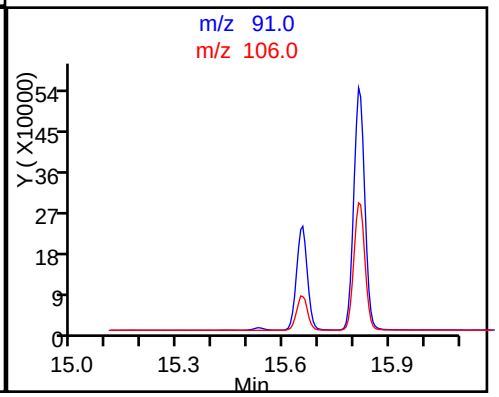








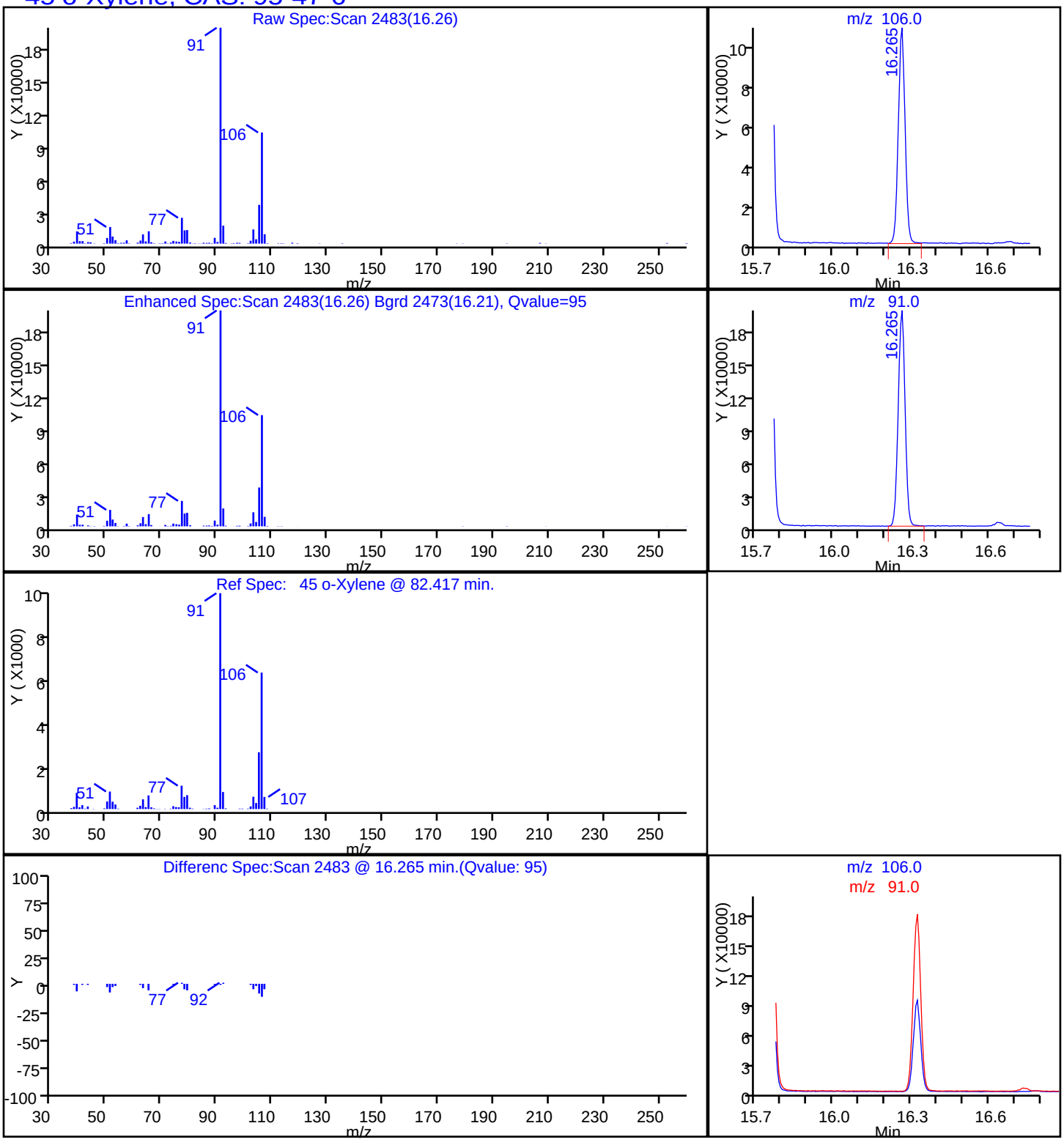




TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D				
Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6



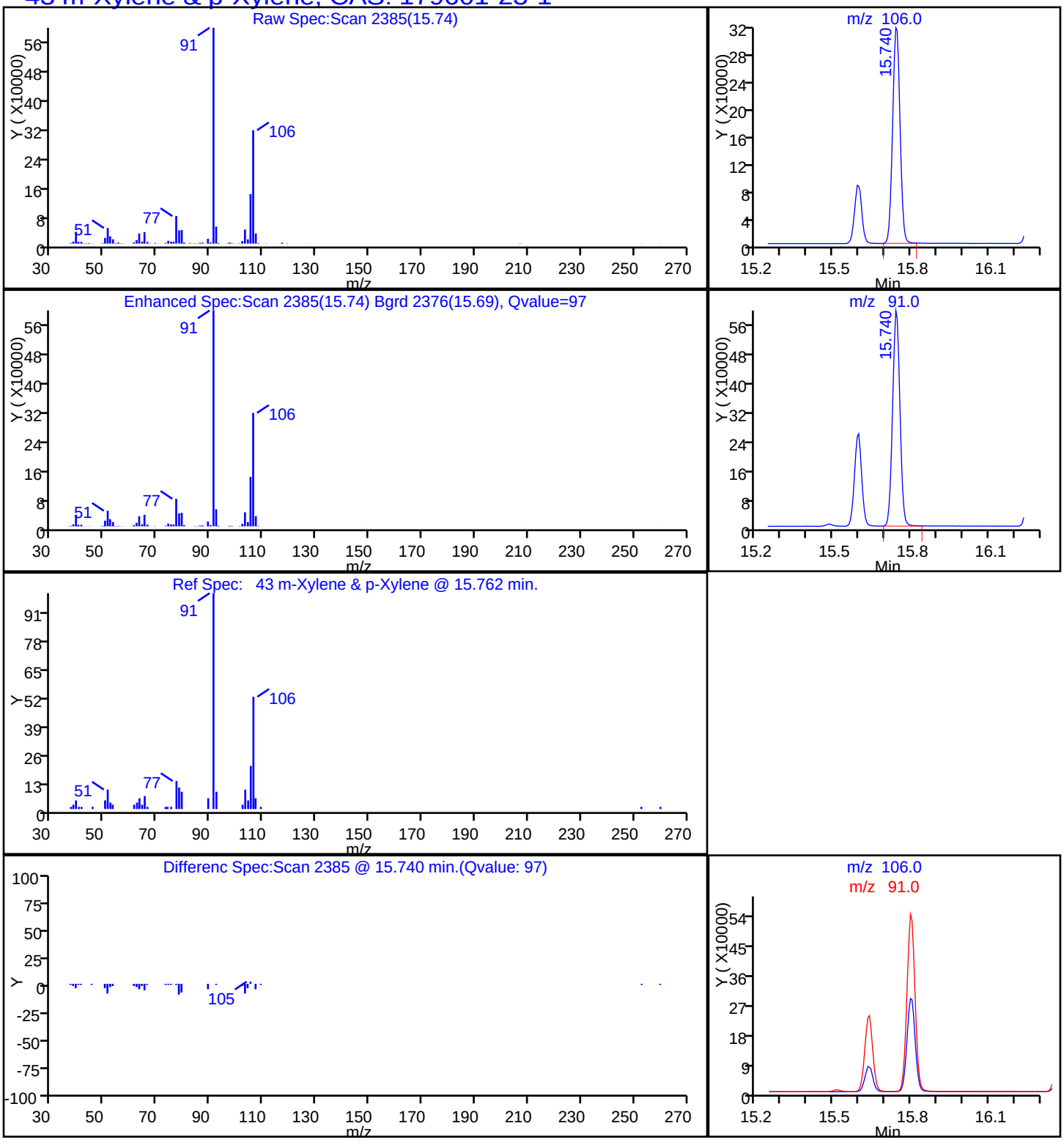
Report Date: 23-Apr-2014 14:52:03 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_015.D

Injection Date:	31-Mar-2014 21:14:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-DUP-IA-032514 DL Lab Sample ID: 200-21576-10 DL

Matrix: Air Lab File ID: 6815_009.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 250(mL) Date Analyzed: 04/01/2014 16:54

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.: 70169 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.040*	*U*	*0.040*	*0.040*
75-00-3	*Chloroethane*	*64.52*	*0.040*	*U*	*0.040*	*0.040*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.020*	*U*	*0.020*	*0.020*
75-09-2	*Methylene Chloride*	*84.93*	*0.37*	*D*	*0.20*	*0.20*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.020*	*U*	*0.020*	*0.020*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.020*	*U*	*0.020*	*0.020*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.027*	*D*	*0.020*	*0.020*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.020*	*U*	*0.020*	*0.020*
79-01-6	*Trichloroethene*	*131.39*	*0.093*	*D*	*0.020*	*0.020*
108-88-3	Toluene	92.14	0.88	D	0.020	0.020
127-18-4	*Tetrachloroethene*	*165.83*	*0.020*	*U*	*0.020*	*0.020*
100-41-4	*Ethylbenzene*	*106.17*	*0.25*	*D*	*0.020*	*0.020*
95-47-6	*o-Xylene*	*106.17*	*0.23*	*D*	*0.020*	*0.020*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.027*	*D*	*0.020*	*0.020*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*0.78*	*D*	*0.040*	*0.040*
1330-20-7	*Xylenes, Total*	*106.17*	*1.0*	*D*	*0.020*	*0.020*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.040*	*U*	*0.040*	*0.040*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: RT-DUP-IA-032514 DL Lab Sample ID: 200-21576-10 DL

Matrix: Air Lab File ID: 6815_009.D

Analysis Method: TO15 LL Date Collected: 03/26/2014 10:58

Sample wt/vol: 250(mL) Date Analyzed: 04/01/2014 16:54

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.: 70169 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	*Vinyl chloride*	*62.50*	*0.10*	*U*	*0.10*	*0.10*
75-00-3	*Chloroethane*	*64.52*	*0.11*	*U*	*0.11*	*0.11*
75-35-4	*1,1-Dichloroethene*	*96.94*	*0.079*	*U*	*0.079*	*0.079*
75-09-2	*Methylene Chloride*	*84.93*	*1.3*	*D*	*0.69*	*0.69*
156-60-5	*trans-1,2-Dichloroethene*	*96.94*	*0.079*	*U*	*0.079*	*0.079*
75-34-3	*1,1-Dichloroethane*	*98.96*	*0.081*	*U*	*0.081*	*0.081*
156-59-2	*cis-1,2-Dichloroethene*	*96.94*	*0.11*	*D*	*0.079*	*0.079*
71-55-6	*1,1,1-Trichloroethane*	*133.41*	*0.11*	*U*	*0.11*	*0.11*
79-01-6	*Trichloroethene*	*131.39*	*0.50*	*D*	*0.11*	*0.11*
108-88-3	Toluene	92.14	3.3	D	0.075	0.075
127-18-4	*Tetrachloroethene*	*165.83*	*0.14*	*U*	*0.14*	*0.14*
100-41-4	*Ethylbenzene*	*106.17*	*1.1*	*D*	*0.087*	*0.087*
95-47-6	*o-Xylene*	*106.17*	*1.0*	*D*	*0.087*	*0.087*
540-59-0	*1,2-Dichloroethene, Total*	*96.94*	*0.11*	*D*	*0.079*	*0.079*
179601-23-1	*m-Xylene & p-Xylene*	*106.17*	*3.4*	*D*	*0.17*	*0.17*
1330-20-7	*Xylenes, Total*	*106.17*	*4.4*	*D*	*0.087*	*0.087*
107-06-2	*1,2-Dichloroethane*	*98.96*	*0.16*	*U*	*0.16*	*0.16*

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D
Lims ID: 200-21576-A-10 Lab Sample ID: 200-21576-10
Client ID: RT-DUP-IA-032514
Sample Type: Client
Inject. Date: 01-Apr-2014 16:54:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 500.000 mL Dil. Factor: 2.0000
Sample Info: 200-0006815-009
Misc. Info.: 21578-10
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 02-Apr-2014 15:48:44 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK028

First Level Reviewer: desjardinsb Date: 02-Apr-2014 15:23:48

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	4 Vinyl chloride	62		3.730					
	7 Chloroethane	64		4.597					
	11 1,1-Dichloroethene	96		6.255					
	13 Methylene Chloride	49	7.331	7.331	0.000	85	63276	0.1836	
	15 trans-1,2-Dichloroethene	61		7.769					
	17 1,1-Dichloroethane	63		8.561					
S	18 1,2-Dichloroethene, Total	61				0		0.0135	
	19 cis-1,2-Dichloroethene	96	9.524	9.519	0.005	24	5155	0.0135	
*	20 Chlorobromomethane	128	9.899	9.899	0.000	82	1125038	2.00	
	22 1,1,1-Trichloroethane	97	10.225	10.230	-0.005	14	4481	0.006292	
	27 1,2-Dichloroethane	62	10.888	10.883	0.005	59	2390	0.006277	
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.000	93	5898967	2.00	
	30 Trichloroethene	95	11.707	11.707	0.000	95	21877	0.0463	
	34 Toluene	92	13.510	13.510	0.000	93	334189	0.4408	
	37 Tetrachloroethene	166	14.280	14.280	0.000	71	5425	0.009279	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.000	82	5401717	2.00	
	42 Ethylbenzene	91	15.596	15.591	0.005	97	184932	0.1233	
	43 m-Xylene & p-Xylene	106	15.741	15.746	-0.005	97	228525	0.3901	
S	44 Xylenes, Total	106				0		0.5067	
	45 o-Xylene	106	16.265	16.259	0.006	94	66982	0.1166	
	51 BFB								

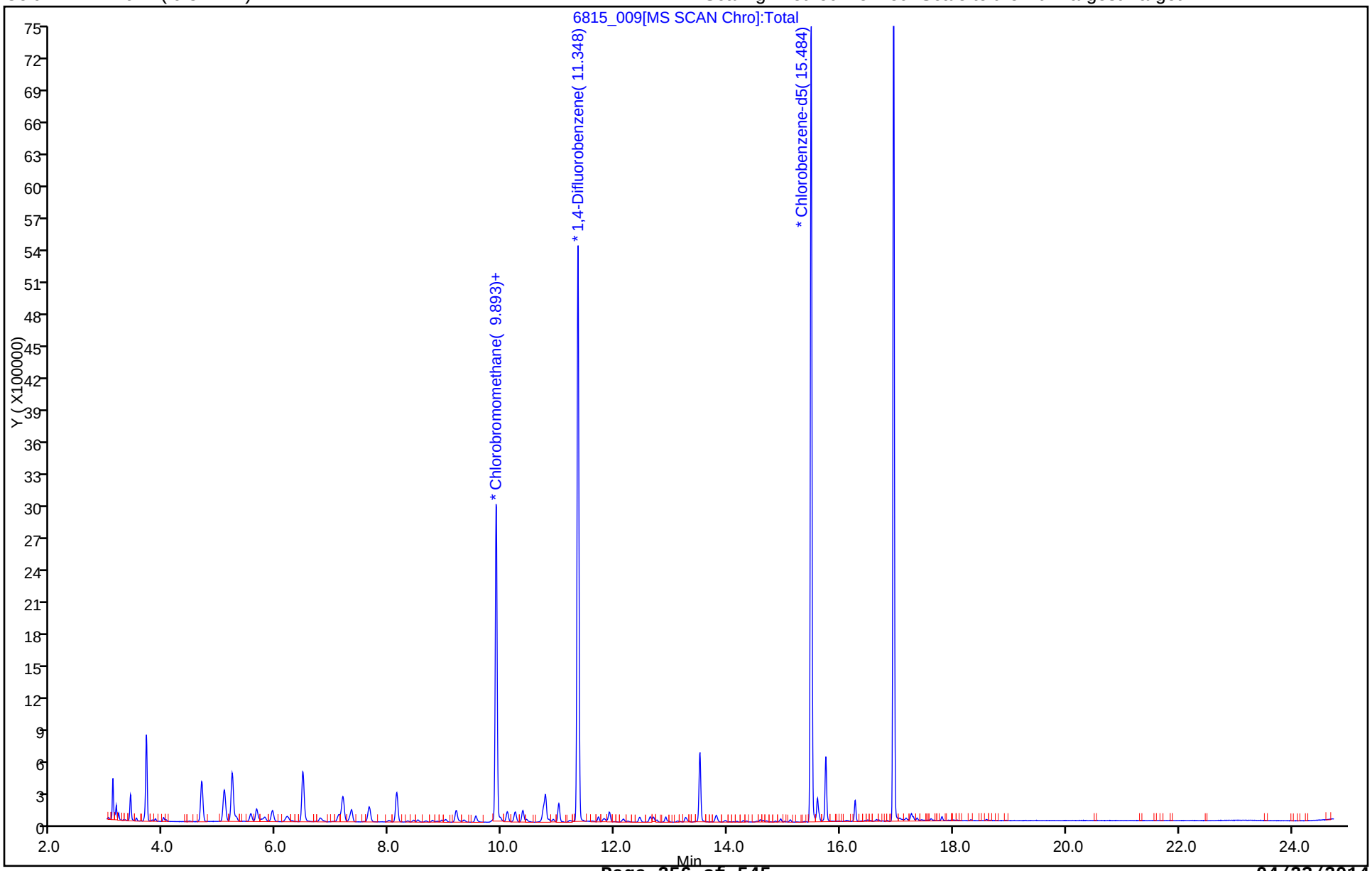
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TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D

Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10	Worklist Smp#:	9
Client ID:	RT-DUP-IA-032514				
Purge Vol:	500.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	9
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



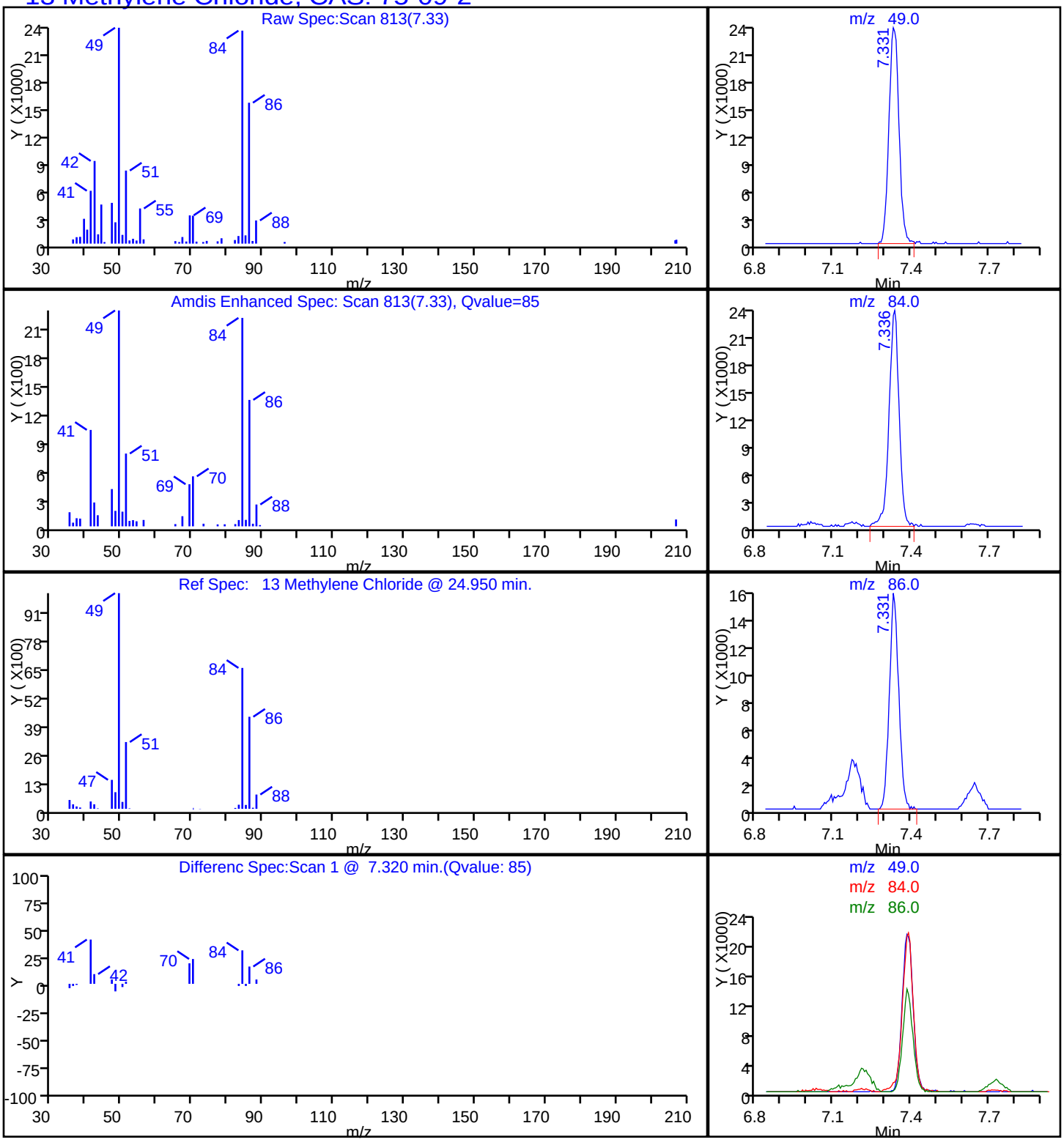
Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D

Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Methylene Chloride, CAS: 75-09-2



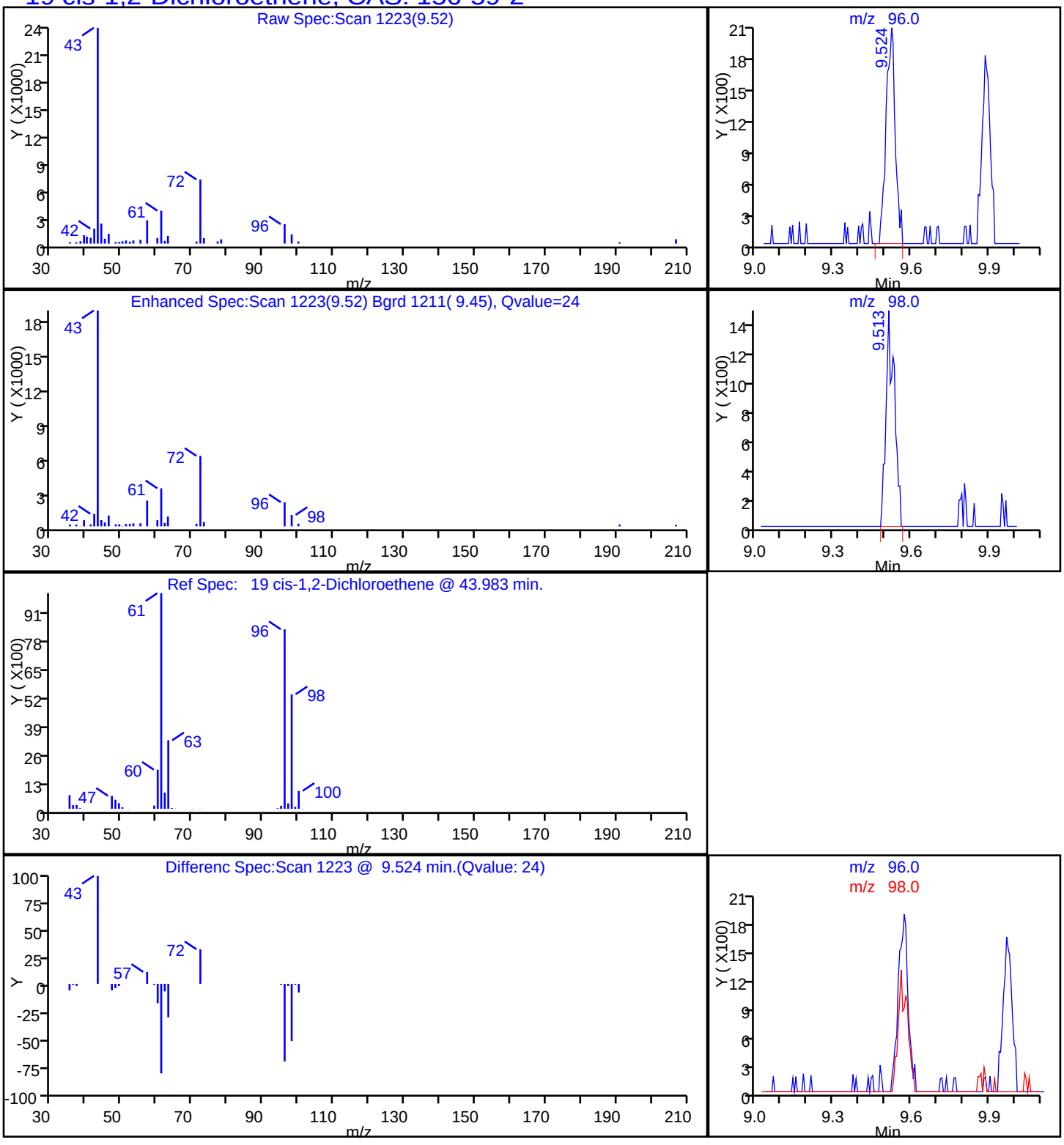
Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D

Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

19 cis-1,2-Dichloroethene, CAS: 156-59-2



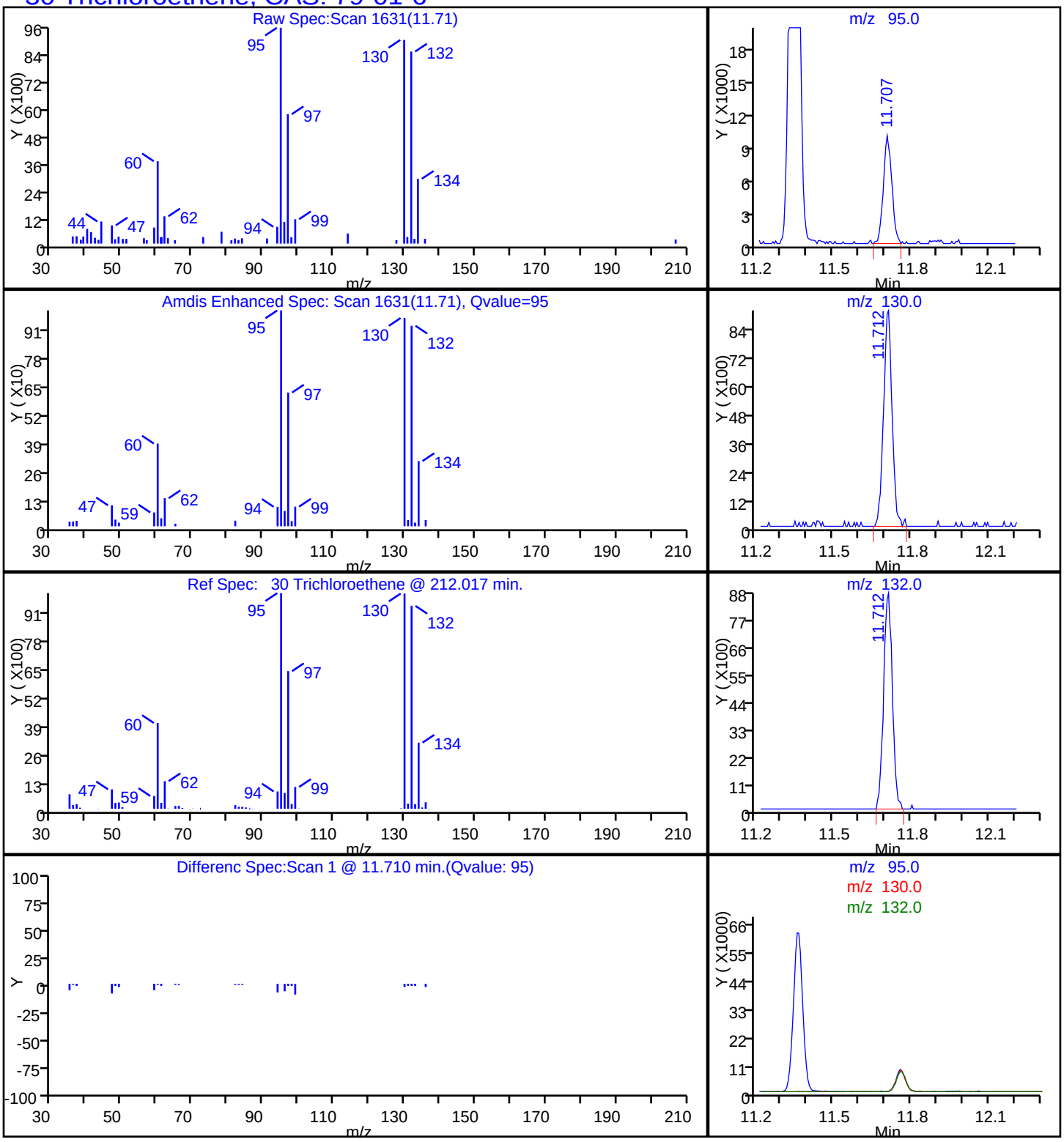
Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D

Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6



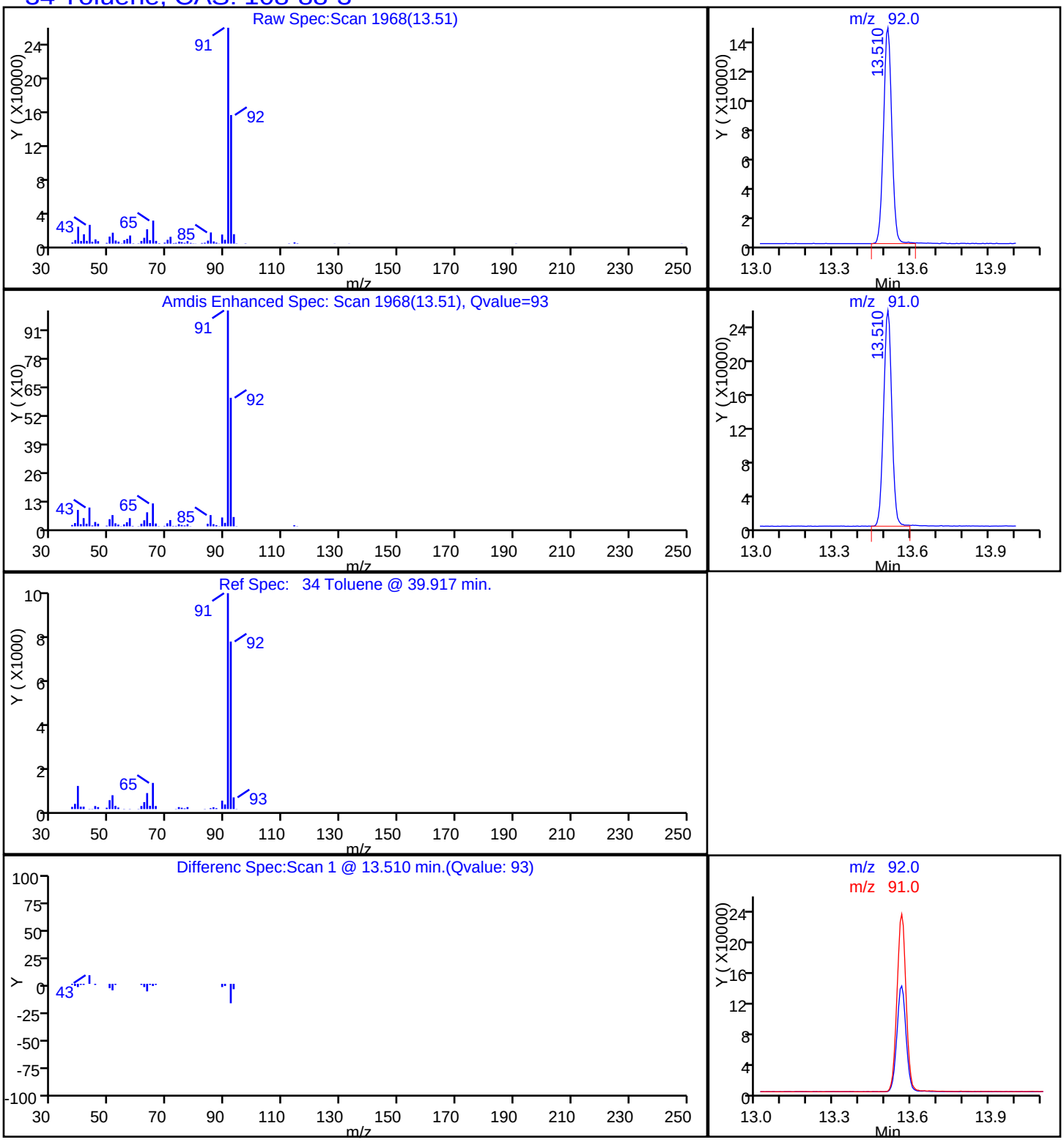
Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D

Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3

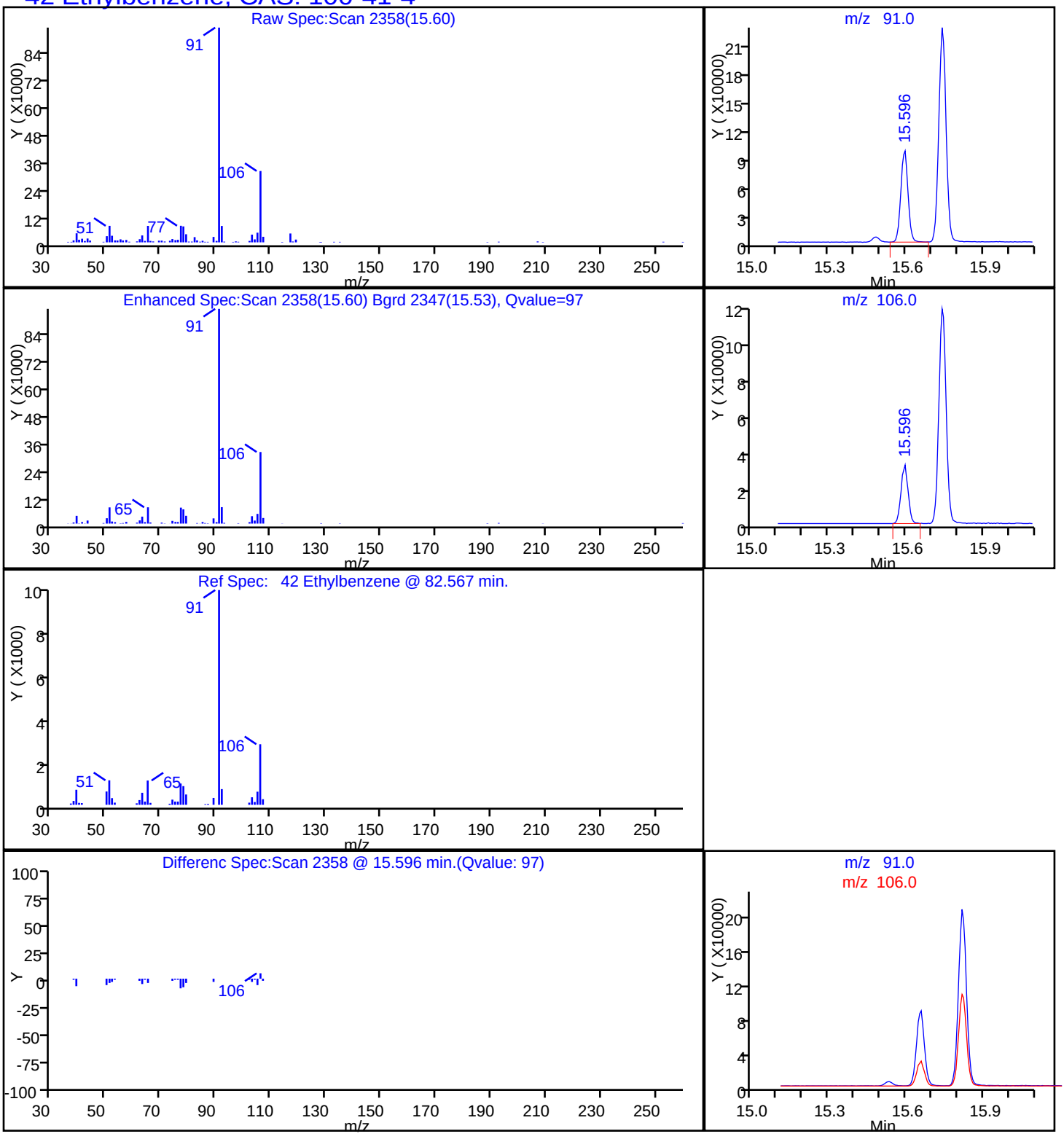


Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D				
Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

42 Ethylbenzene, CAS: 100-41-4



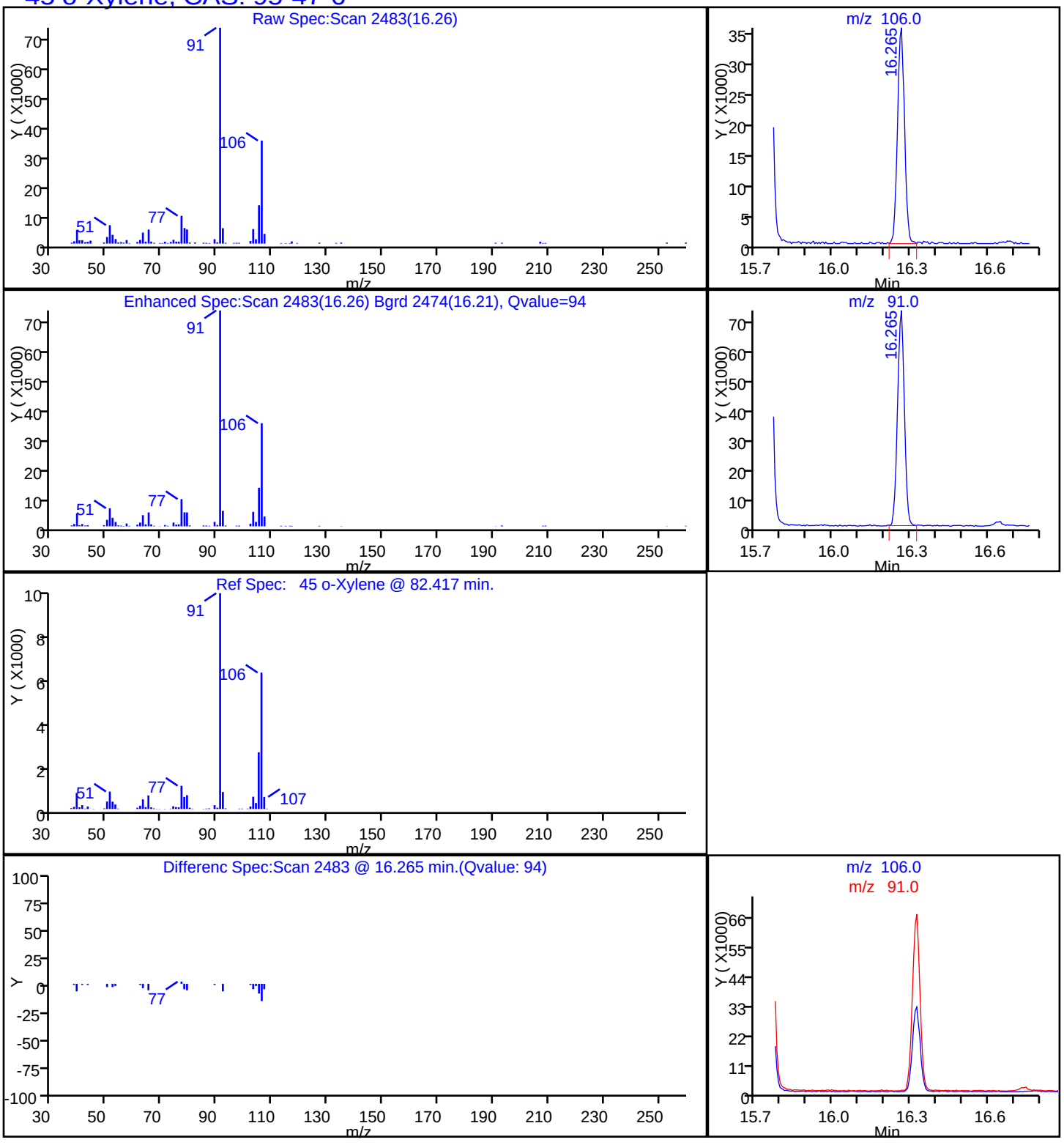
Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D

Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

45 o-Xylene, CAS: 95-47-6

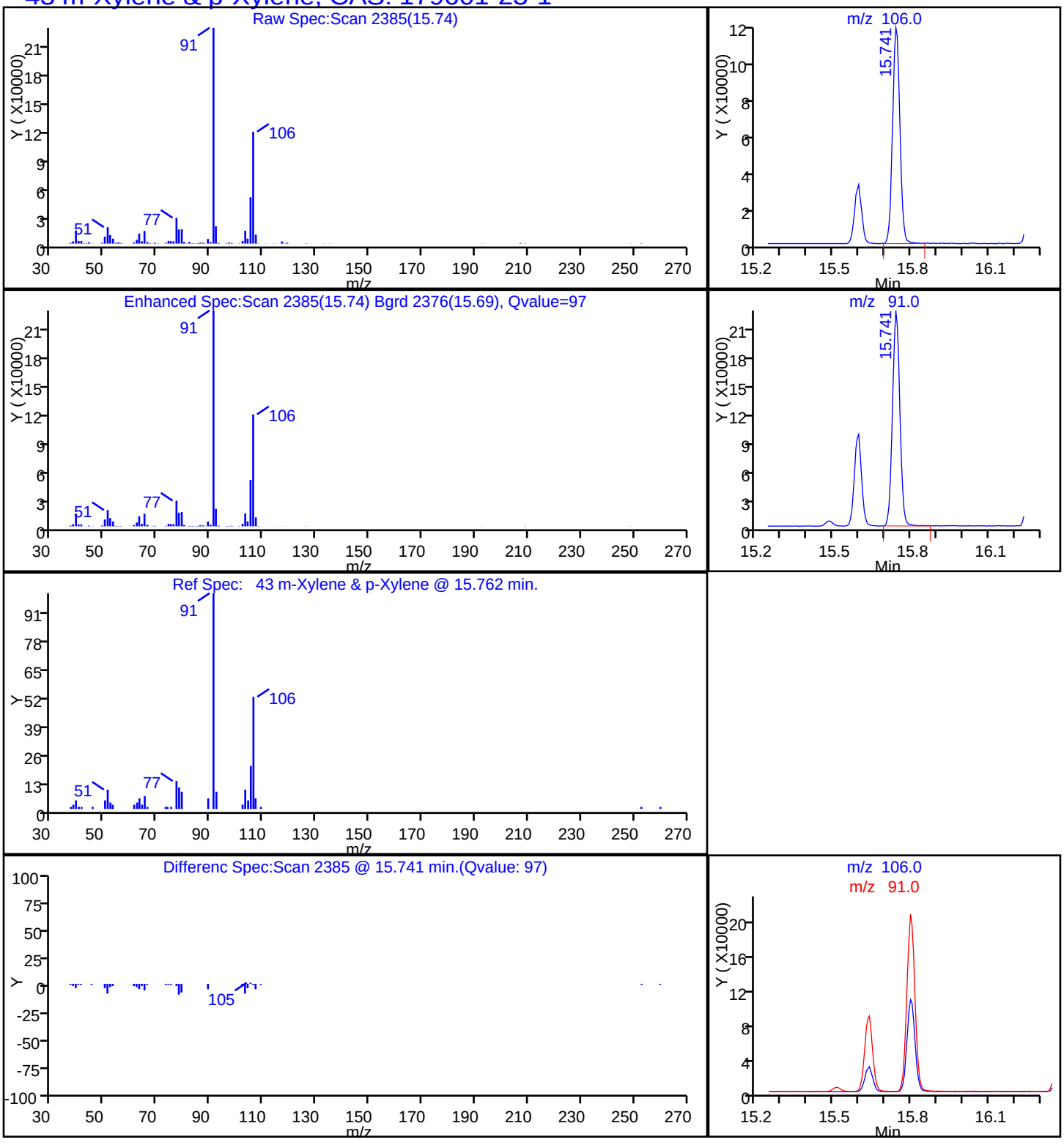


Report Date: 23-Apr-2014 16:00:47 Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_009.D				
Injection Date:	01-Apr-2014 16:54:30	Instrument ID:	CHE.i		
Lims ID:	200-21576-A-10	Lab Sample ID:	200-21576-10		
Client ID:	RT-DUP-IA-032514				
Operator ID:	wrd	ALS Bottle#:	9	Worklist Smp#:	9
Purge Vol:	500.000 mL	Dil. Factor:	2.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

43 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-21576-1 Analy Batch No.: 69618

SDG No.: 200-21576

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-69618/4	6594_004.D
Level 2	IC 200-69618/5	6594_005.D
Level 3	IC 200-69618/6	6594_006.D
Level 4	ICIS 200-69618/7	6594_007.D
Level 5	IC 200-69618/8	6594_008.D
Level 6	IC 200-69618/9	6594_009.D
Level 7	IC 200-69618/10	6594_010.D
Level 8	IC 200-69618/11	6594_011.D
Level 9	IC 200-69618/12	6594_012.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 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.8704 +++++	0.8305 0.9127	0.9279 +++++	0.9436 +++++	0.9290	Ave		0.8992				4.5		30.0			
1,2-Dichlorotetrafluoroethane	0.6994 +++++	0.7239 0.7788	0.7968 +++++	0.7965 +++++	0.8016	Ave		0.7648				5.2		30.0			
Chloromethane	+++++ 0.1813	+++++ 0.1815	0.2325 0.1699	0.2070 0.1582	0.1955	Ave		0.1894				13.0		30.0			
Vinyl chloride	0.2375 +++++	0.2286 0.2355	0.2410 +++++	0.2439 +++++	0.2477	Ave		0.2390				2.8		30.0			
1,3-Butadiene	0.1395 +++++	0.1307 0.1372	0.1553 +++++	0.1505 +++++	0.1485	Ave		0.1436				6.5		30.0			
Bromomethane	0.3184 +++++	0.2896 0.2890	0.3193 +++++	0.3202 +++++	0.3090	Ave		0.3076				4.8		30.0			
Chloroethane	0.1410 +++++	0.1193 0.1118	0.1323 +++++	0.1282 +++++	0.1228	Ave		0.1259				8.1		30.0			
Bromoethene(Vinyl Bromide)	0.4564 +++++	0.4415 0.4266	0.4581 +++++	0.4525 +++++	0.4513	Ave		0.4477				2.7		30.0			
Trichlorofluoromethane	1.2058 +++++	1.1672 1.2999	1.3091 +++++	1.3644 +++++	1.3560	Ave		1.3002				6.6		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2024 +++++	1.1651 1.2201	1.2492 +++++	1.2563 +++++	1.2687	Ave		1.2381				3.7		30.0			
1,1-Dichloroethene	0.6078 +++++	0.5694 0.6085	0.5881 +++++	0.6064 +++++	0.6194	Ave		0.6156				7.3		30.0			
3-Chloropropene	0.5191 +++++	0.4995 0.4836	0.5069 +++++	0.5305 +++++	0.5518	Ave		0.5313				9.0		30.0			
Methylene Chloride	+++++ 0.6291	+++++ 0.5527	0.7458 0.5342	0.6709 0.5137	0.6422	Ave		0.6127				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.: 200-21576-1 Analy Batch No.: 69618

SDG No.: 200-21576

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5		B	M1	M2								
Methyl tert-butyl ether	+++++ +++++	1.4160 1.1693	1.3447 +++++	1.5225 +++++	1.6328	Ave		1.4170				12.0		30.0			
trans-1,2-Dichloroethene	0.7436 +++++	0.7154 0.7580	0.7722 +++++	0.7812 +++++	0.8023	Ave		0.7633				3.7		30.0			
n-Hexane	0.7656 +++++	0.7256 0.7989	0.7539 +++++	0.8030 +++++	0.8256	Ave		0.7896				5.6		30.0			
1,1-Dichloroethane	0.9922 +++++	0.9851 0.9528	1.0095 +++++	1.0452 +++++	1.0803	Ave		1.0164				4.3		30.0			
cis-1,2-Dichloroethene	0.6910 +++++	0.6394 0.6302	0.6448 +++++	0.6733 +++++	0.6926	Ave		0.6790				7.6		30.0			
Chloroform	1.2008 +++++	1.1844 1.1676	1.2343 +++++	1.2913 +++++	1.3050	Ave		1.2421				4.9		30.0			
1,1,1-Trichloroethane	0.2236 +++++	0.2309 0.2364	0.2451 +++++	0.2463 +++++	0.2557	Ave		0.2415				4.8		30.0			
Cyclohexane	0.1717 +++++	0.1542 0.1831	0.1794 +++++	0.1772 +++++	0.1818	Ave		0.1767				6.4		30.0			
Carbon tetrachloride	0.2253 +++++	0.2128 0.2557	0.2475 +++++	0.2502 +++++	0.2546	Ave		0.2427				6.9		30.0			
2,2,4-Trimethylpentane	0.5028 +++++	0.4858 0.5229	0.5398 +++++	0.5457 +++++	0.5558	Ave		0.5295				5.1		30.0			
Benzene	0.3750 +++++	0.3577 0.3296	0.3614 +++++	0.3816 +++++	0.3898	Ave		0.3698				6.0		30.0			
1,2-Dichloroethane	0.1205 +++++	0.1258 0.1186	0.1303 +++++	0.1366 +++++	0.1395	Ave		0.1291				6.1		30.0			
n-Heptane	0.1722 +++++	0.1600 0.1626	0.1656 +++++	0.1730 +++++	0.1762	Ave		0.1732				8.3		30.0			
Trichloroethene	0.1607 +++++	0.1498 0.1548	0.1616 +++++	0.1632 +++++	0.1666	Ave		0.1602				3.7		30.0			
1,2-Dichloropropane	+++++ +++++	0.1205 0.1144	0.1266 +++++	0.1330 +++++	0.1387	Ave		0.1267				7.6		30.0			
Bromodichloromethane	0.2020 +++++	0.1949 0.2311	0.2194 +++++	0.2309 +++++	0.2527	Ave		0.2201				9.0		30.0			
cis-1,3-Dichloropropene	0.1523 +++++	0.1581 0.1553	0.1624 +++++	0.1715 +++++	0.1851	Ave		0.1651				7.0		30.0			
Toluene	0.2660 +++++	0.2728 0.2417	0.2653 +++++	0.2907 +++++	0.3079	Ave		0.2807				9.7		30.0			
trans-1,3-Dichloropropene	0.1385 +++++	0.1394 0.1340	0.1450 +++++	0.1536 +++++	0.1695	Ave		0.1461				8.2		30.0			
1,1,2-Trichloroethane	0.1271 +++++	0.1279 0.1198	0.1308 +++++	0.1377 +++++	0.1459	Ave		0.1321				6.4		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.: 200-21576-1 Analy Batch No.: 69618

SDG No.: 200-21576

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.2102 +++++	0.2034 0.2091	0.2153 +++++	0.2200 +++++	0.2228	Ave		0.2165				4.8		30.0			
Dibromochloromethane	0.1857 +++++	0.1863 0.2254	0.1980 +++++	0.2187 +++++	0.2489	Ave		0.2087				11.0		30.0			
1,2-Dibromoethane	0.1782 +++++	0.1797 0.1986	0.1958 +++++	0.2129 +++++	0.2359	Ave		0.1966				11.0		30.0			
Chlorobenzene	+++++ 0.3582	0.3527 0.3194	0.3789 0.3383	0.3941 0.3458	0.4036	Ave		0.3614				8.0		30.0			
Ethylbenzene	0.5425 +++++	0.5517 0.4720	0.5385 +++++	0.5943 +++++	0.6253	Ave		0.5554				8.7		30.0			
m-Xylene & p-Xylene	0.2038 +++++	0.2089 0.1883	0.2133 +++++	0.2377 +++++	0.2556	Ave		0.2169				10.0		30.0			
o-Xylene	0.1959 +++++	0.2065 0.1916	0.2059 +++++	0.2300 +++++	0.2502	Ave		0.2127				9.7		30.0			
Bromoform	0.1260 +++++	0.1294 0.1769	0.1366 +++++	0.1580 +++++	0.1929	Ave		0.1499				18.0		30.0			
1,1,2,2-Tetrachloroethane	0.2455 +++++	0.2714 0.2662	0.2765 +++++	0.2938 +++++	0.3349	Ave		0.2728				13.0		30.0			
4-Ethyltoluene	0.3662 +++++	0.4179 0.4236	0.4265 +++++	0.5040 +++++	0.6041	Ave		0.4407				20.0		30.0			
1,3,5-Trimethylbenzene	0.3269 +++++	0.3359 0.3782	0.3317 +++++	0.4054 +++++	0.4904	Ave		0.3672				18.0		30.0			
1,2,4-Trimethylbenzene	+++++ 0.4166	0.2855 0.3156	0.2803 0.4029	0.3324 0.4302	0.4333	Ave		0.3621				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21576-1 Analy Batch No.: 69618

SDG No.: 200-21576

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-69618/4	6594_004.D
Level 2	IC 200-69618/5	6594_005.D
Level 3	IC 200-69618/6	6594_006.D
Level 4	ICIS 200-69618/7	6594_007.D
Level 5	IC 200-69618/8	6594_008.D
Level 6	IC 200-69618/9	6594_009.D
Level 7	IC 200-69618/10	6594_010.D
Level 8	IC 200-69618/11	6594_011.D
Level 9	IC 200-69618/12	6594_012.D

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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	BCM	Ave	11899 +++++	23067 604925	60123 +++++	130029 +++++	310623	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2-Dichlorotetrafluoroethane	BCM	Ave	9561 +++++	20105 516186	51632 +++++	109758 +++++	268028	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chloromethane	BCM	Ave	+++++ 96709	+++++ 120283	15067 174034	28529 227577	65376	+++++ 0.749	+++++ 0.999	0.0998 1.50	0.200 2.00	0.499
Vinyl chloride	BCM	Ave	3247 +++++	6350 156055	15613 +++++	33616 +++++	82821	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,3-Butadiene	BCM	Ave	1907 +++++	3631 90901	10061 +++++	20742 +++++	49654	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromomethane	BCM	Ave	4353 +++++	8044 191555	20692 +++++	44129 +++++	103302	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chloroethane	BCM	Ave	1927 +++++	3312 74082	8572 +++++	17671 +++++	41073	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromoethene(Vinyl Bromide)	BCM	Ave	6239 +++++	12261 282706	29680 +++++	62355 +++++	150881	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Trichlorofluoromethane	BCM	Ave	16484 +++++	32418 861551	84821 +++++	188013 +++++	453361	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,2-Trichloro-1,2,2-trifluoroetha ne	BCM	Ave	16437 +++++	32360 808642	80941 +++++	173126 +++++	424198	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1-Dichloroethene	BCM	Ave	8309 +++++	15813 403321	38105 +++++	83563 +++++	207108	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
3-Chloropropene	BCM	Ave	7097 +++++	13872 320492	32845 +++++	73108 +++++	184509	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Methylene Chloride	BCM	Ave	+++++ 335554	+++++ 366340	48326 547019	92457 739061	214718	+++++ 0.749	+++++ 0.999	0.0998 1.50	0.200 2.00	0.499
Methyl tert-butyl ether	BCM	Ave	+++++ +++++	39326 774981	87129 +++++	209797 +++++	545919	+++++ +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21576-1 Analy Batch No.: 69618

SDG No.: 200-21576

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
trans-1,2-Dichloroethene	BCM	Ave	10165 +++++	19868 502371	50037 +++++	107651 +++++	268254	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
n-Hexane	BCM	Ave	10466 +++++	20151 529476	48851 +++++	110653 +++++	276047	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1-Dichloroethane	BCM	Ave	13564 +++++	27359 631516	65409 +++++	144035 +++++	361197	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
cis-1,2-Dichloroethene	BCM	Ave	9447 +++++	17757 417685	41783 +++++	92783 +++++	231559	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chloroform	BCM	Ave	16415 +++++	32894 773880	79976 +++++	177948 +++++	436311	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,1-Trichloroethane	DFB	Ave	15504 +++++	33181 796164	79861 +++++	173944 +++++	441691	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Cyclohexane	DFB	Ave	11907 +++++	22164 616536	58426 +++++	125140 +++++	313997	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Carbon tetrachloride	DFB	Ave	15624 +++++	30588 861006	80642 +++++	176729 +++++	439759	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
2,2,4-Trimethylpentane	DFB	Ave	34859 +++++	69820 1760915	175860 +++++	385397 +++++	960140	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Benzene	DFB	Ave	26000 +++++	51404 1110041	117733 +++++	269470 +++++	673445	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2-Dichloroethane	DFB	Ave	8356 +++++	18073 399410	42441 +++++	96476 +++++	240981	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
n-Heptane	DFB	Ave	11940 +++++	22996 547436	53959 +++++	122195 +++++	304456	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Trichloroethene	DFB	Ave	11145 +++++	21523 521274	52643 +++++	115245 +++++	287849	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2-Dichloropropane	DFB	Ave	+++++ +++++	17323 385251	41241 +++++	93920 +++++	239677	+++++ +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromodichloromethane	DFB	Ave	14008 +++++	28011 778196	71458 +++++	163069 +++++	436507	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
cis-1,3-Dichloropropene	DFB	Ave	10558 +++++	22724 522994	52900 +++++	121088 +++++	319831	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Toluene	CBZ	Ave	16961 +++++	35836 761278	79350 +++++	188997 +++++	490133	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
trans-1,3-Dichloropropene	DFB	Ave	9602 +++++	20031 451417	47252 +++++	108493 +++++	292882	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,2-Trichloroethane	CBZ	Ave	8103 +++++	16800 377235	39130 +++++	89498 +++++	232248	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Tetrachloroethene	CBZ	Ave	13401 +++++	26721 658702	64394 +++++	143033 +++++	354642	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Dibromochloromethane	CBZ	Ave	11839 +++++	24468 710030	59203 +++++	142170 +++++	396238	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21576-1 Analy Batch No.: 69618

SDG No.: 200-21576

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromoethane	CBZ	Ave	11358 +++++	23610 625386	58542 +++++	138401 +++++	375596	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chlorobenzene	CBZ	Ave	+++++ 912637	46326 1005971	113318 1631328	256221 2374655	642539	+++++ 0.749	0.0402 0.999	0.0998 1.50	0.200 2.00	0.499
Ethylbenzene	CBZ	Ave	34587 +++++	72475 1486680	161030 +++++	386408 +++++	995373	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
m-Xylene & p-Xylene	CBZ	Ave	25988 +++++	54869 1186059	127570 +++++	309157 +++++	813747	0.0402 +++++	0.0804 2.00	0.200 +++++	0.399 +++++	0.998
o-Xylene	CBZ	Ave	12488 +++++	27129 603466	61584 +++++	149541 +++++	398268	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromoform	CBZ	Ave	8030 +++++	17000 557097	40862 +++++	102704 +++++	307106	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,2,2-Tetrachloroethane	CBZ	Ave	15649 +++++	35645 838536	82702 +++++	191016 +++++	533164	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
4-Ethyltoluene	CBZ	Ave	23349 +++++	54900 1334035	127561 +++++	327687 +++++	961722	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,3,5-Trimethylbenzene	CBZ	Ave	20841 +++++	44127 1191299	99211 +++++	263606 +++++	780672	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 1061615	37500 994016	83825 1942774	216087 2954681	689797	+++++ 0.749	0.0402 0.999	0.0998 1.50	0.200 2.00	0.499

Curve Type Legend:
Ave = Average ISTD

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Mar-2014 14:38:30 ALS Bottle#: 6 Worklist Smp#: 4
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-004
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:21 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	80	11899	0.0195	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.388	3.394	-0.006	78	9561	0.0184	
	3 Chloromethane	50	3.522	3.517	0.005	81	4422	0.0343	
	4 Vinyl chloride	62	3.736	3.731	0.005	23	3247	0.0200	
	5 Butadiene	54	3.800	3.795	0.005	73	1907	0.0195	
	6 Bromomethane	94	4.399	4.399	0.0	89	4353	0.0208	
	7 Chloroethane	64	4.613	4.603	0.010	50	1927	0.0225	
	8 Vinyl bromide	106	4.972	4.977	-0.005	79	6239	0.0205	
	9 Trichlorofluoromethane	101	5.079	5.073	0.006	87	16484	0.0186	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.197	6.202	-0.005	91	16437	0.0195	
	11 1,1-Dichloroethene	96	6.261	6.256	0.005	70	8309	0.0198	
	12 3-Chloro-1-propene	41	7.047	7.047	0.0	83	7097	0.0196	
	13 Methylene Chloride	49	7.331	7.336	-0.005	85	18256	0.0438	
	14 Methyl tert-butyl ether	73	7.754	7.732	0.022	91	18422	0.0191	M
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	66	10165	0.0196	
	16 Hexane	57	8.133	8.133	0.0	85	10466	0.0195	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	77	13564	0.0196	
S	18 1,2-Dichloroethene, Total	61				0		0.0400	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	65	9447	0.0205	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1360255	2.00	
	21 Chloroform	83	9.984	9.990	-0.006	67	16415	0.0194	
	22 1,1,1-Trichloroethane	97	10.225	10.230	-0.005	86	15504	0.0186	
	23 Cyclohexane	84	10.236	10.241	-0.005	81	11907	0.0195	
	24 Carbon tetrachloride	117	10.434	10.439	-0.005	83	15624	0.0187	
	25 Isooctane	57	10.733	10.739	-0.006	94	34859	0.0191	
	26 Benzene	78	10.781	10.776	0.005	86	26000	0.0204	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	78	8356	0.0188	
	28 n-Heptane	43	11.012	11.011	0.001	83	11940	0.0200	
*	29 1,4-Difluorobenzene	114	11.349	11.349	0.0	93	6898957	2.00	
	30 Trichloroethene	95	11.707	11.712	-0.005	77	11145	0.0202	M
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	78	8950	0.0205	M

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	32 Dichlorobromomethane	83	12.451	12.456	-0.005	89	14008	0.0185	
	33 cis-1,3-Dichloropropene	75	13.093	13.087	0.006	65	10558	0.0185	
	34 Toluene	92	13.521	13.510	0.010	92	16961	0.0191	
	35 trans-1,3-Dichloropropene	75	13.890	13.890	0.0	78	9602	0.0191	
	36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	88	8103	0.0193	
	37 Tetrachloroethene	166	14.280	14.280	0.0	95	13401	0.0195	
	38 Chlorodibromomethane	129	14.708	14.713	-0.005	81	11839	0.0179	
	39 Ethylene Dibromide	107	14.911	14.911	0.0	85	11358	0.0182	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	6343713	2.00	
	41 Chlorobenzene	112	15.521	15.527	-0.006	82	23212	0.0203	
	42 Ethylbenzene	91	15.596	15.596	0.0	89	34587	0.0196	
	43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	97	25988	0.0378	
S	44 Xylenes, Total	106				0		0.0563	
	45 o-Xylene	106	16.265	16.265	0.0	91	12488	0.0185	
	46 Bromoform	173	16.586	16.586	0.0	84	8030	0.0169	
	47 1,1,2,2-Tetrachloroethane	83	17.110	17.105	0.005	89	15649	0.0181	
	48 4-Ethyltoluene	105	17.297	17.297	0.0	80	23349	0.0167	
	49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	68	20841	0.0179	
	50 1,2,4-Trimethylbenzene	105	17.806	17.800	0.006	77	17876	0.0156	

QC Flag Legend

Review Flags
M - Manually Integrated

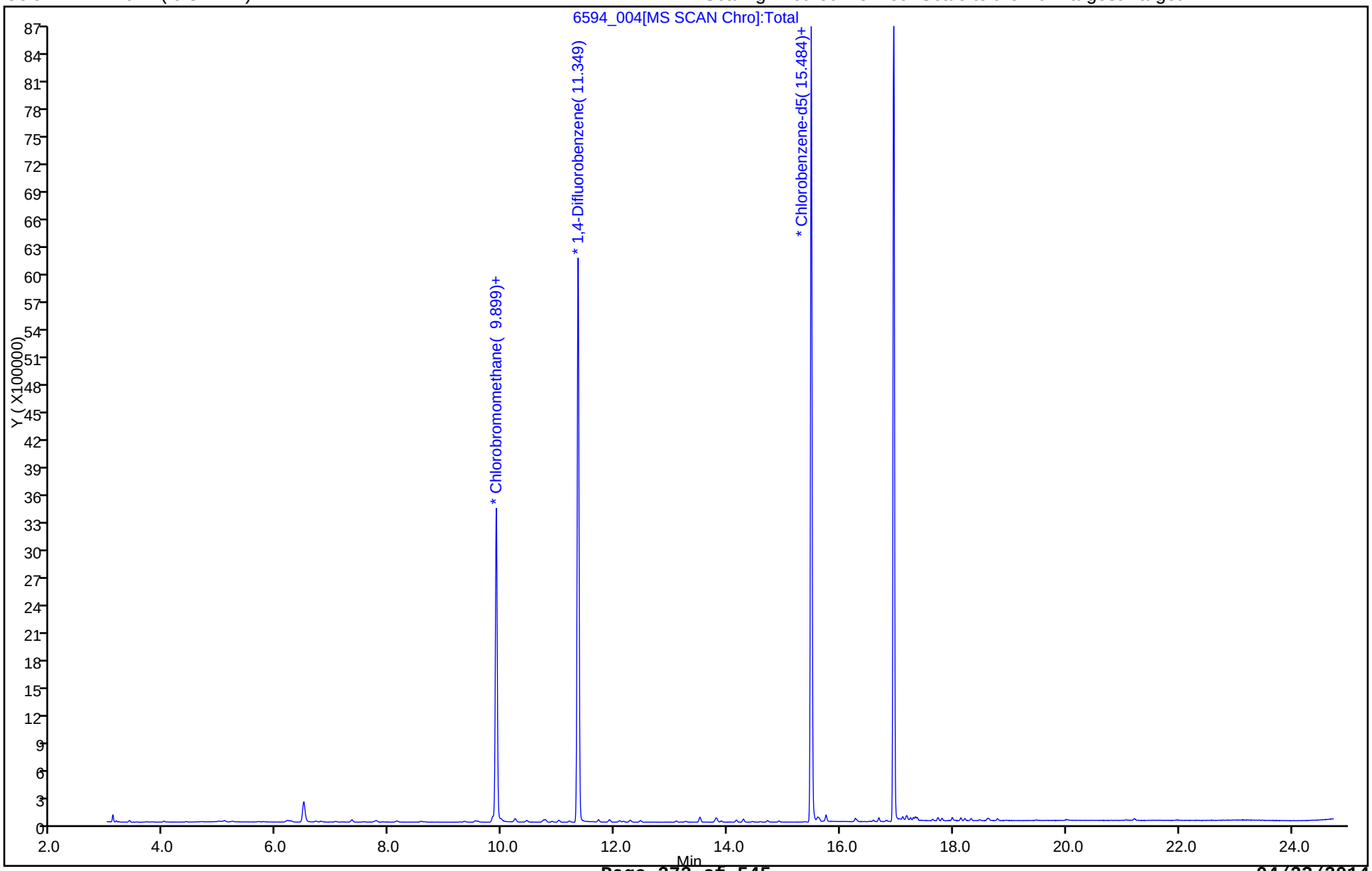
Report Date: 19-Mar-2014 10:41:21 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D

Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	4
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

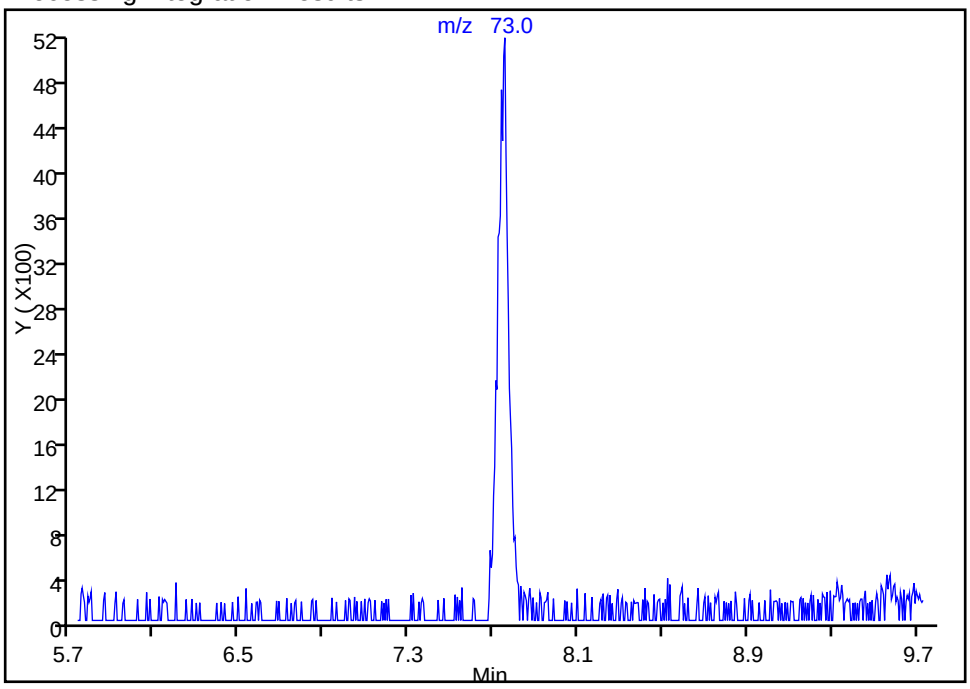
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D				
Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	4
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

14 Methyl tert-butyl ether, CAS: 1634-04-4

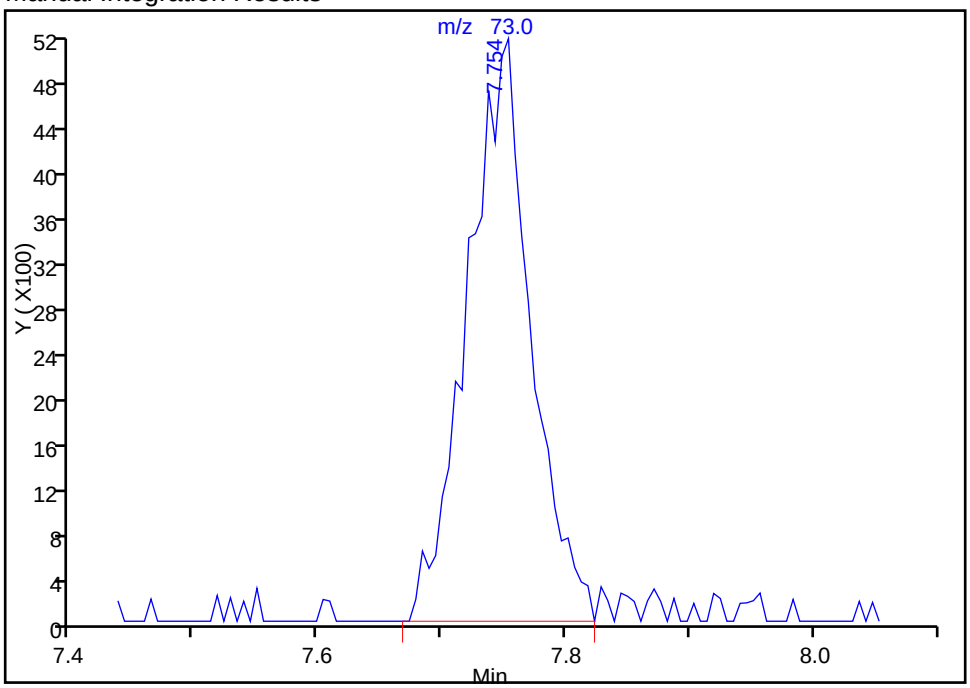
Processing Integration Results

Not Detected
Expected RT: 7.73



Manual Integration Results

RT: 7.75
Response: 18422
Amount: 0.019115



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

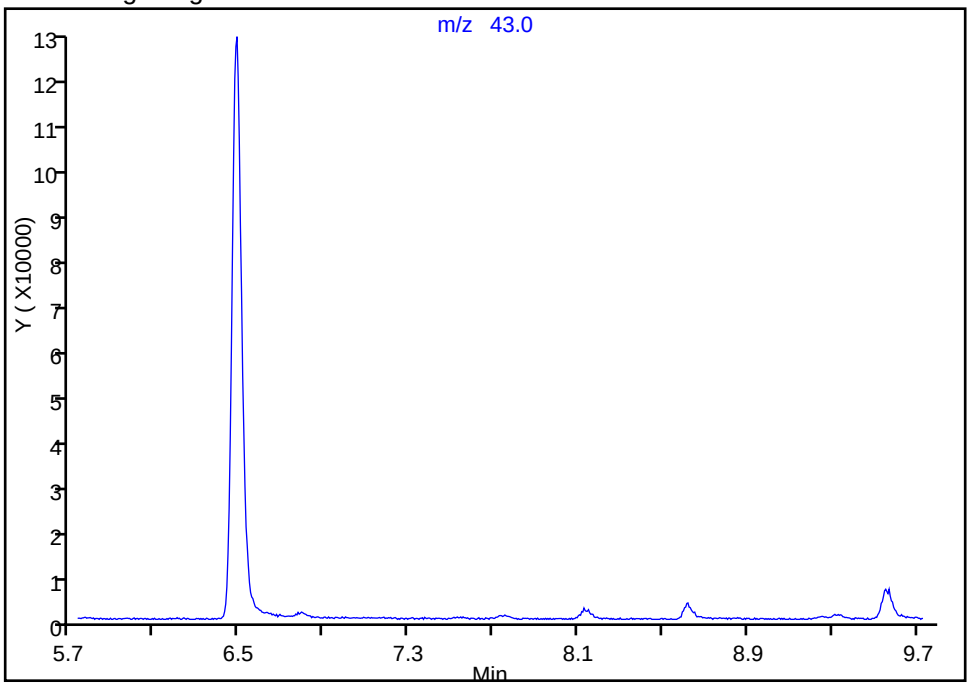
TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D
Injection Date: 18-Mar-2014 14:38:30 Instrument ID: CHE.i
Lims ID: ic
Client ID:
Operator ID: wrd ALS Bottle#: 6 Worklist Smp#: 4
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: TO15_LL_CHE.i Limit Group: AI_TO5LL_Limits
Column: RTX-624 (0.32 mm) Detector MS SCAN

14 Methyl tert-butyl ether, CAS: 1634-04-4

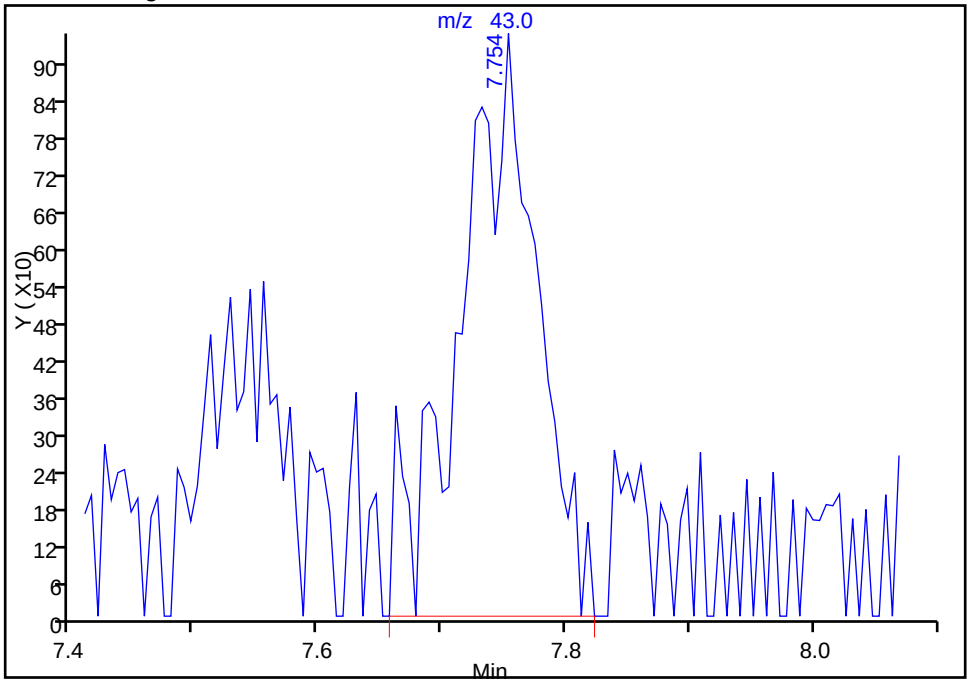
Not Detected
Expected RT: 7.73

Processing Integration Results



Manual Integration Results

RT: 7.75
Response: 4209
Amount: 0.019115



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

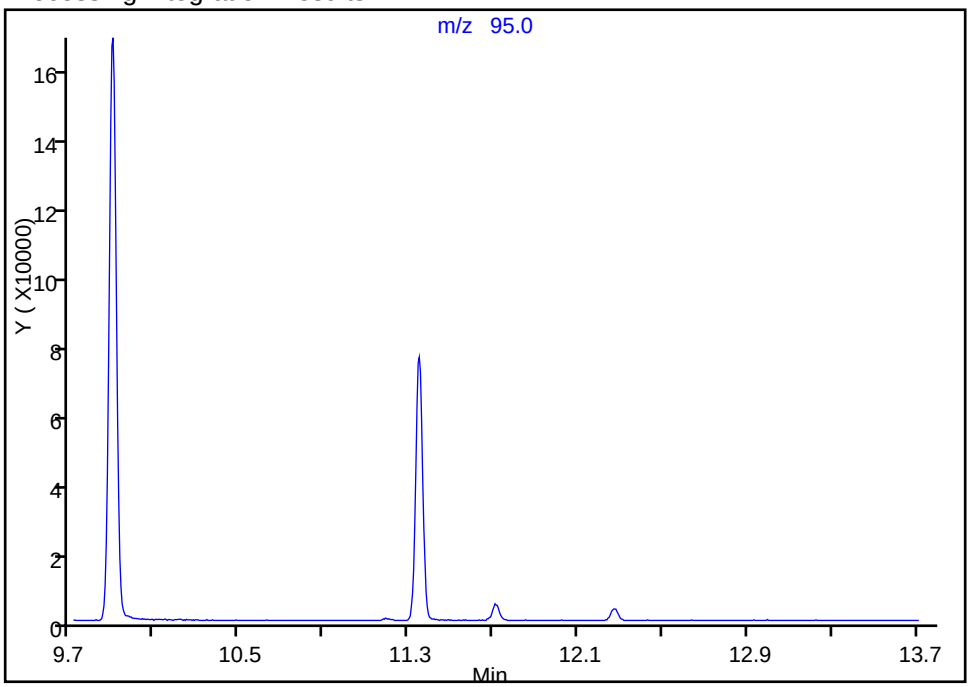
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D				
Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	4
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

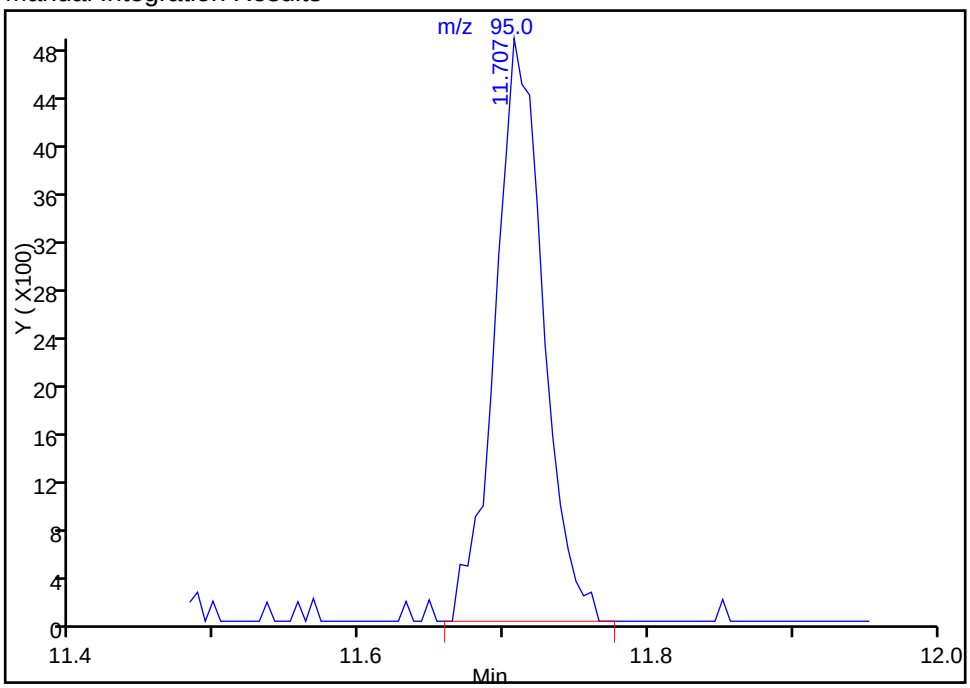
Processing Integration Results

Not Detected
Expected RT: 11.71



Manual Integration Results

RT: 11.71
Response: 11145
Amount: 0.020170



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

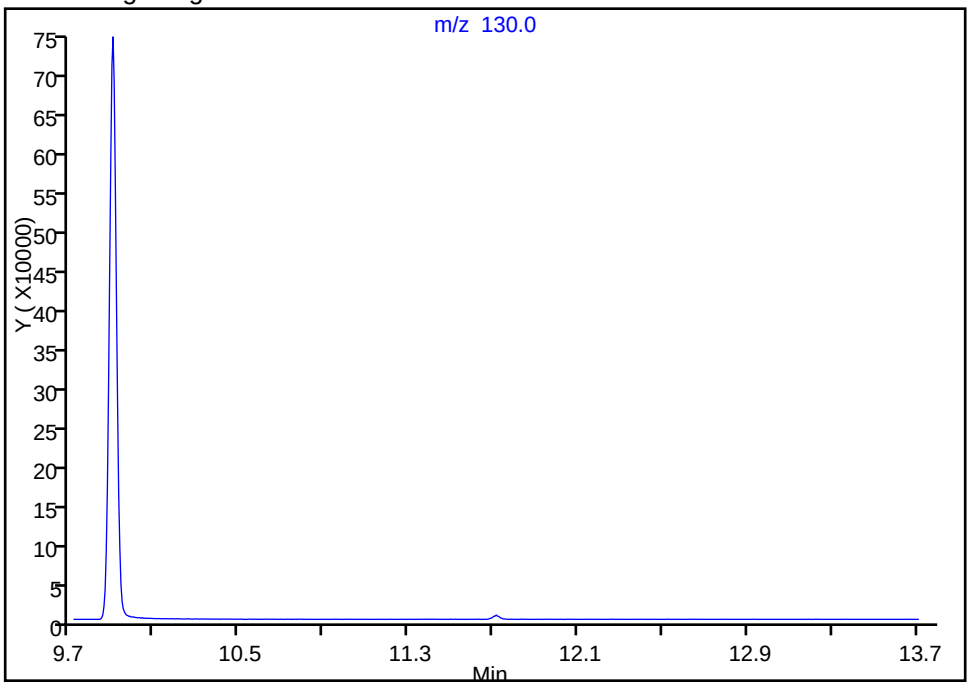
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D				
Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	4
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

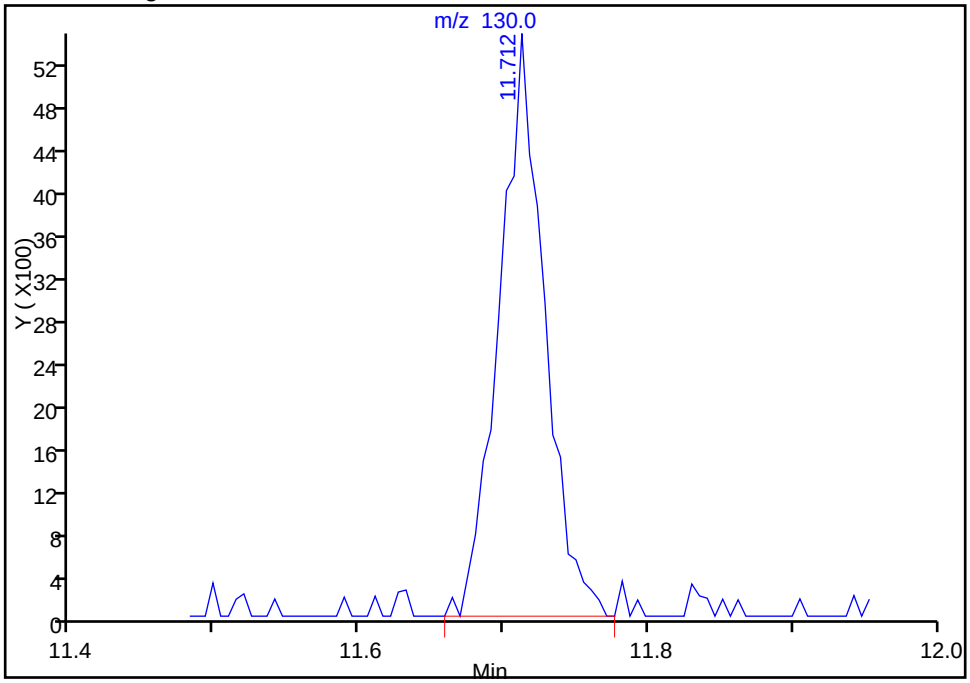
Processing Integration Results

Not Detected
Expected RT: 11.71



Manual Integration Results

RT: 11.71
Response: 11875
Amount: 0.020170



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

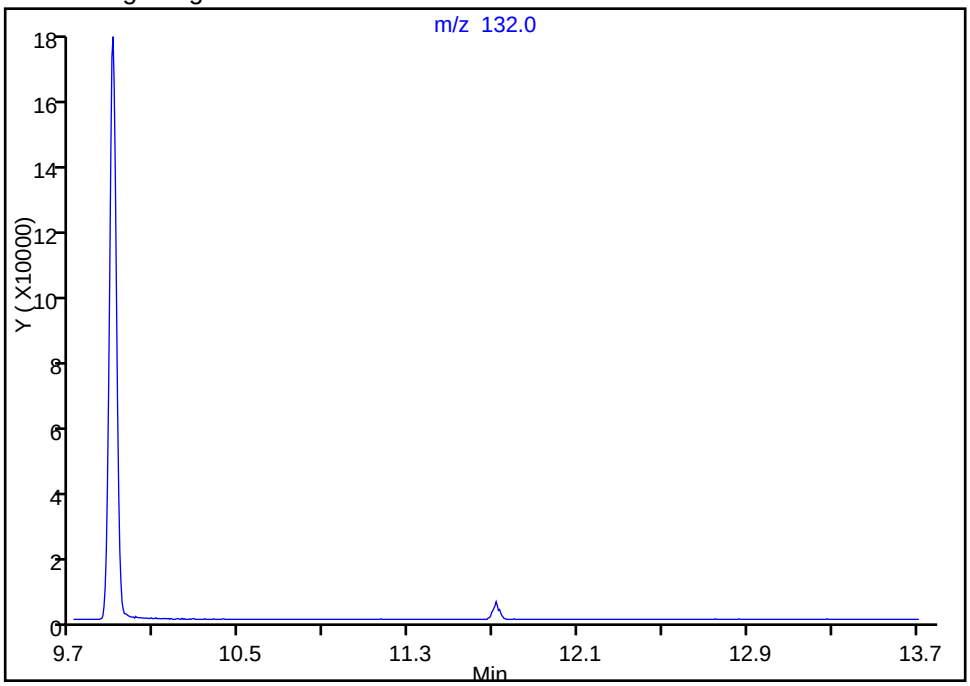
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D				
Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	4
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

30 Trichloroethene, CAS: 79-01-6

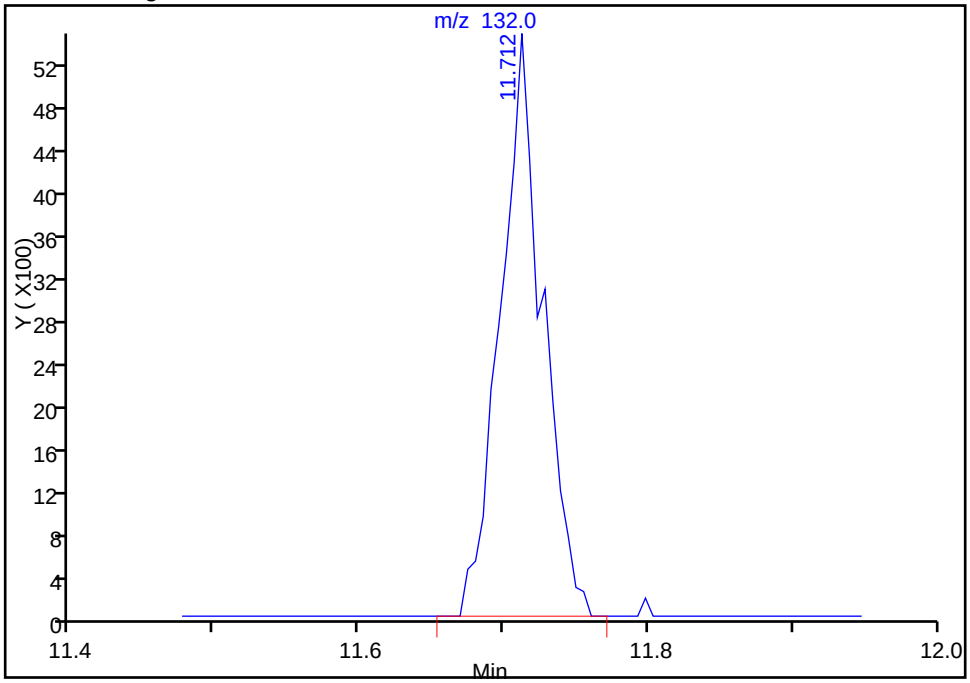
Processing Integration Results

Not Detected
Expected RT: 11.71



Manual Integration Results

RT: 11.71
Response: 10991
Amount: 0.020170



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

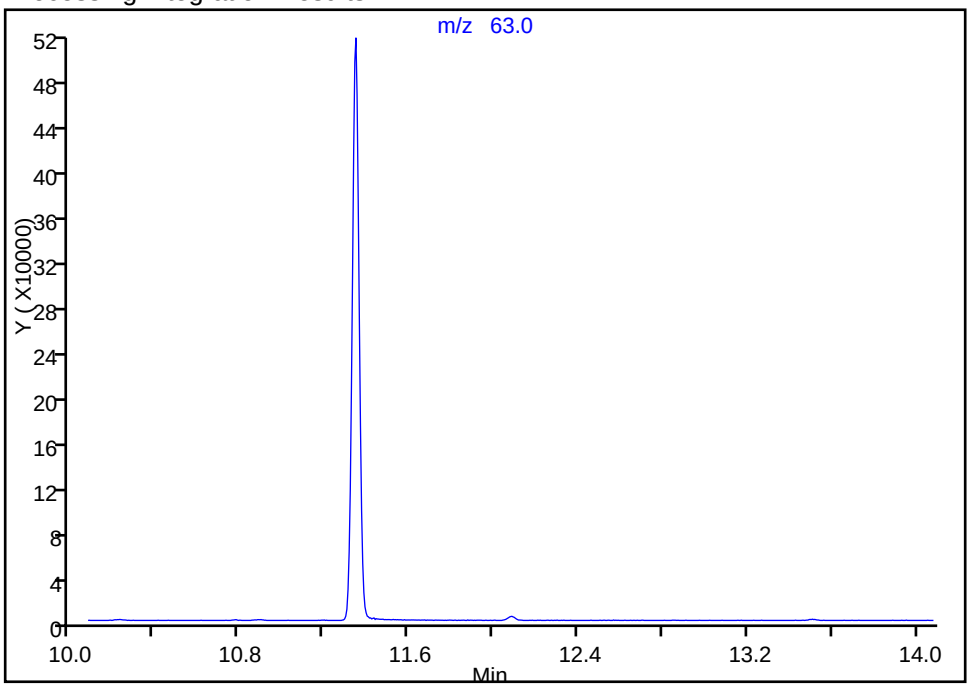
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D				
Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	4
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 1,2-Dichloropropane, CAS: 78-87-5

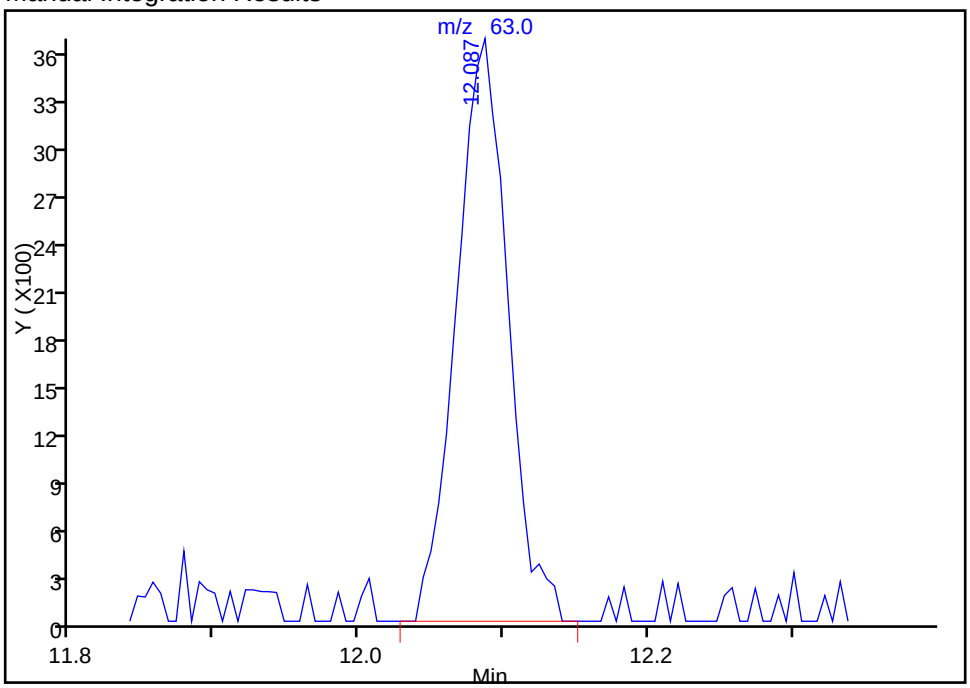
Processing Integration Results

Not Detected
Expected RT: 12.08



Manual Integration Results

RT: 12.09
Response: 8950
Amount: 0.020486



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Manually Integrated
Audit Reason: Peak not found by the data system

Manual Integration/User Assign Peak Report

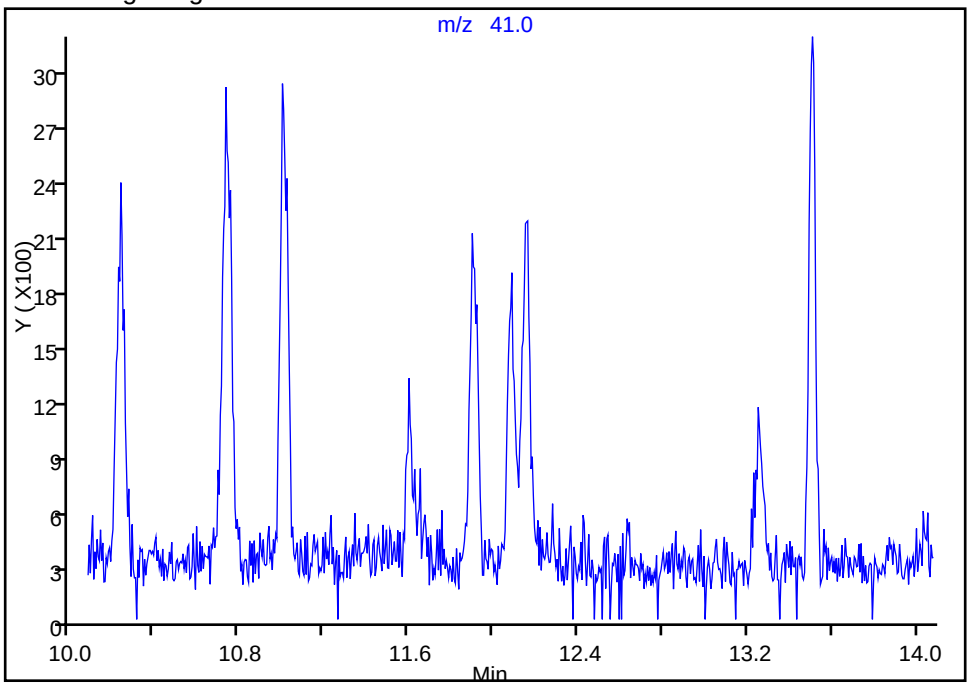
TestAmerica Burlington

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_004.D				
Injection Date:	18-Mar-2014 14:38:30	Instrument ID:	CHE.i		
Lims ID:	ic				
Client ID:					
Operator ID:	wrd	ALS Bottle#:	6	Worklist Smp#:	4
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

31 1,2-Dichloropropane, CAS: 78-87-5

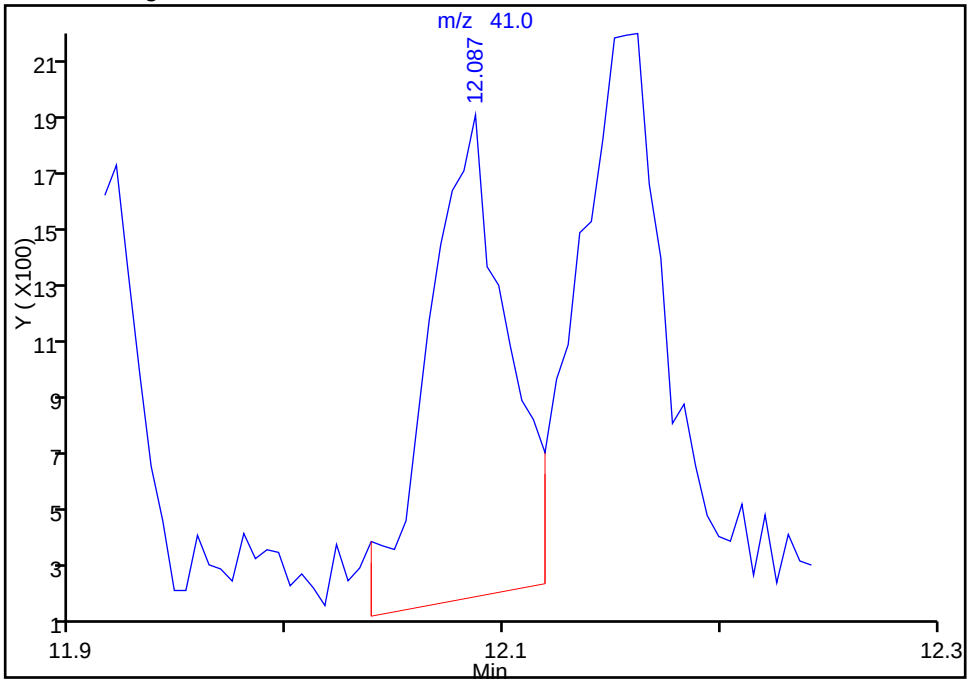
Not Detected
Expected RT: 12.08

Processing Integration Results



Manual Integration Results

RT: 12.09
Response: 4143
Amount: 0.020486



Reviewer: desjardinsb, 19-Mar-2014 10:28:39
Audit Action: Assigned New Baseline
Audit Reason: Peak not found by the data system

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 18-Mar-2014 15:32:30 ALS Bottle#: 6 Worklist Smp#: 5
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-005
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:22 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	98	23067	0.0371	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.394	-0.001	87	20105	0.0380	
	3 Chloromethane	50	3.522	3.517	0.005	81	7185	0.0549	
	4 Vinyl chloride	62	3.736	3.731	0.005	45	6350	0.0385	
	5 Butadiene	54	3.795	3.795	0.0	78	3631	0.0366	
	6 Bromomethane	94	4.399	4.399	0.0	86	8044	0.0379	
	7 Chloroethane	64	4.602	4.603	-0.001	60	3312	0.0381	
	8 Vinyl bromide	106	4.977	4.977	0.0	94	12261	0.0396	
	9 Trichlorofluoromethane	101	5.079	5.073	0.005	83	32418	0.0361	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	91	32360	0.0378	
	11 1,1-Dichloroethene	96	6.266	6.256	0.010	80	15813	0.0372	
	12 3-Chloro-1-propene	41	7.047	7.047	0.0	86	13872	0.0378	
	13 Methylene Chloride	49	7.336	7.336	0.0	81	26631	0.0629	
	14 Methyl tert-butyl ether	73	7.743	7.732	0.011	95	39326	0.0402	
	15 trans-1,2-Dichloroethene	61	7.769	7.775	-0.006	79	19868	0.0377	
	16 Hexane	57	8.128	8.133	-0.005	83	20151	0.0369	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	84	27359	0.0390	
S	18 1,2-Dichloroethene, Total	61				0		0.0755	
	19 cis-1,2-Dichloroethene	96	9.524	9.524	0.0	91	17757	0.0379	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1381759	2.00	
	21 Chloroform	83	9.984	9.990	-0.006	82	32894	0.0383	
	22 1,1,1-Trichloroethane	97	10.236	10.230	0.006	89	33181	0.0384	
	23 Cyclohexane	84	10.230	10.241	-0.011	82	22164	0.0351	
	24 Carbon tetrachloride	117	10.439	10.439	0.0	89	30588	0.0353	
	25 Isooctane	57	10.738	10.739	-0.001	97	69820	0.0369	
	26 Benzene	78	10.776	10.776	0.0	91	51404	0.0389	
	27 1,2-Dichloroethane	62	10.894	10.888	0.006	86	18073	0.0392	
	28 n-Heptane	43	11.006	11.011	-0.005	85	22996	0.0371	
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	7149871	2.00	
	30 Trichloroethene	95	11.707	11.712	-0.005	93	21523	0.0376	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	85	17323	0.0383	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	96	28011	0.0356	
33 cis-1,3-Dichloropropene	75	13.092	13.087	0.005	80	22724	0.0385	
34 Toluene	92	13.510	13.510	0.0	94	35836	0.0391	
35 trans-1,3-Dichloropropene	75	13.889	13.890	-0.001	83	20031	0.0384	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	94	16800	0.0389	
37 Tetrachloroethene	166	14.285	14.280	0.005	89	26721	0.0378	
38 Chlorodibromomethane	129	14.708	14.713	-0.005	93	24468	0.0359	
39 Ethylene Dibromide	107	14.911	14.911	0.0	95	23610	0.0368	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6535311	2.00	
41 Chlorobenzene	112	15.526	15.527	-0.001	43	46326	0.0392	
42 Ethylbenzene	91	15.596	15.596	0.0	91	72475	0.0399	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	95	54869	0.0774	
S 44 Xylenes, Total	106				0		0.1164	
45 o-Xylene	106	16.265	16.265	0.0	94	27129	0.0390	
46 Bromoform	173	16.586	16.586	0.0	93	17000	0.0347	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	91	35645	0.0400	
48 4-Ethyltoluene	105	17.297	17.297	0.0	82	54900	0.0381	
49 1,3,5-Trimethylbenzene	105	17.361	17.362	-0.001	74	44127	0.0368	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	92	37500	0.0317	

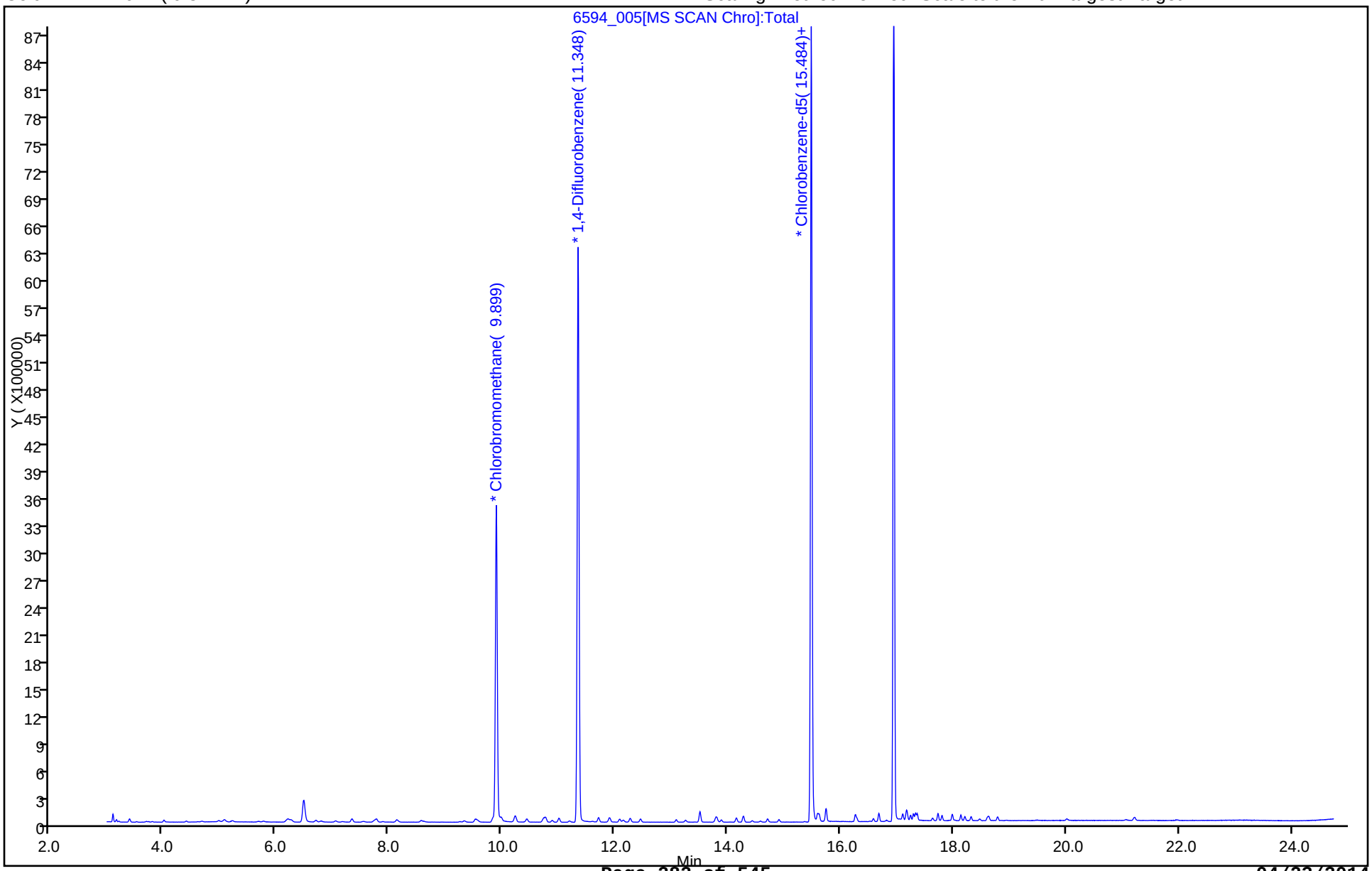
Report Date: 19-Mar-2014 10:41:22 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_005.D

Injection Date:	18-Mar-2014 15:32:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	5
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Mar-2014 16:27:30 ALS Bottle#: 2 Worklist Smp#: 6
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-006
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:23 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	87	60123	0.1030	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.394	-0.001	86	51632	0.1040	
	3 Chloromethane	50	3.516	3.517	-0.001	96	15067	0.1225	
	4 Vinyl chloride	62	3.736	3.731	0.005	85	15613	0.1006	
	5 Butadiene	54	3.795	3.795	0.0	87	10061	0.1079	
	6 Bromomethane	94	4.399	4.399	0.0	93	20692	0.1036	
	7 Chloroethane	64	4.608	4.603	0.005	91	8572	0.1049	
	8 Vinyl bromide	106	4.977	4.977	0.0	95	29680	0.1021	
	9 Trichlorofluoromethane	101	5.079	5.073	0.006	83	84821	0.1005	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	95	80941	0.1007	
	11 1,1-Dichloroethene	96	6.266	6.256	0.010	84	38105	0.0954	
	12 3-Chloro-1-propene	41	7.053	7.047	0.006	85	32845	0.0952	
	13 Methylene Chloride	49	7.336	7.336	0.0	88	48326	0.1215	
	14 Methyl tert-butyl ether	73	7.743	7.732	0.011	96	87129	0.0947	
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	82	50037	0.1010	
	16 Hexane	57	8.133	8.133	0.0	89	48851	0.0953	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	97	65409	0.0992	
S	18 1,2-Dichloroethene, Total	61				0		0.1958	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	98	41783	0.0948	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1298098	2.00	
	21 Chloroform	83	9.990	9.990	0.0	93	79976	0.0992	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	91	79861	0.1014	
	23 Cyclohexane	84	10.236	10.241	-0.005	79	58426	0.1013	
	24 Carbon tetrachloride	117	10.444	10.439	0.005	89	80642	0.1018	
	25 Isooctane	57	10.739	10.739	0.0	99	175860	0.1018	
	26 Benzene	78	10.776	10.776	0.0	94	117733	0.0976	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	91	42441	0.1008	
	28 n-Heptane	43	11.011	11.011	0.0	85	53959	0.0955	
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6526259	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	94	52643	0.1007	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	93	41241	0.0998	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	98	71458	0.0995	
33 cis-1,3-Dichloropropene	75	13.092	13.087	0.005	87	52900	0.0982	
34 Toluene	92	13.515	13.510	0.005	94	79350	0.0944	
35 trans-1,3-Dichloropropene	75	13.890	13.890	0.0	91	47252	0.0991	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	94	39130	0.0989	
37 Tetrachloroethene	166	14.280	14.280	0.0	97	64394	0.0993	
38 Chlorodibromomethane	129	14.708	14.713	-0.005	96	59203	0.0947	
39 Ethylene Dibromide	107	14.906	14.911	-0.005	96	58542	0.0994	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	5991197	2.00	
41 Chlorobenzene	112	15.527	15.527	0.0	56	113318	0.1047	
42 Ethylbenzene	91	15.596	15.596	0.0	95	161030	0.0968	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	96	127570	0.1963	
S 44 Xylenes, Total	106				0		0.2930	
45 o-Xylene	106	16.265	16.265	0.0	94	61584	0.0967	
46 Bromoform	173	16.586	16.586	0.0	93	40862	0.0910	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	92	82702	0.1012	
48 4-Ethyltoluene	105	17.297	17.297	0.0	74	127561	0.0966	
49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	72	99211	0.0902	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	93	83825	0.0773	

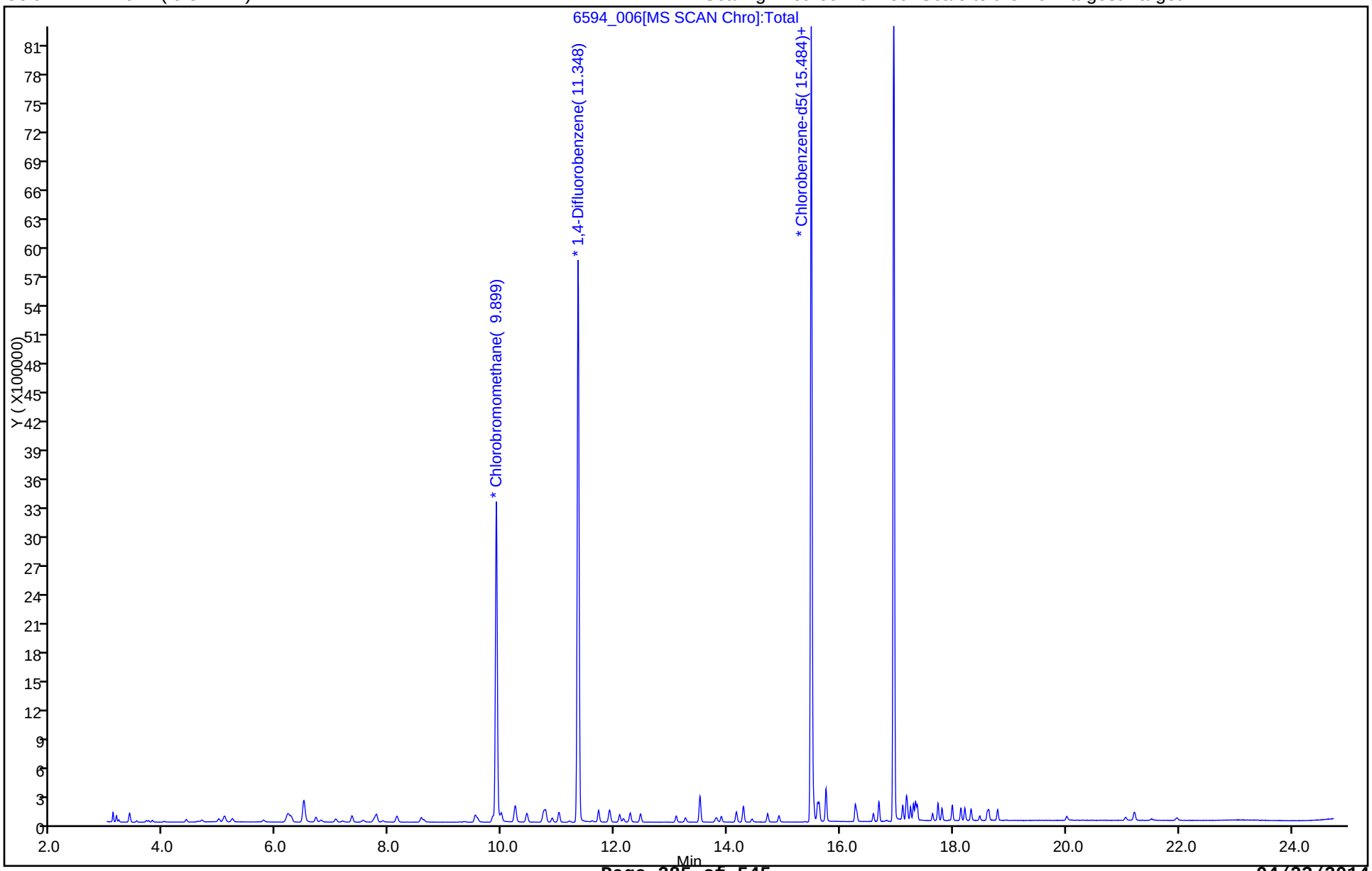
Report Date: 19-Mar-2014 10:41:23 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_006.D

Injection Date:	18-Mar-2014 16:27:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	6
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_007.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 18-Mar-2014 17:22:30 ALS Bottle#: 2 Worklist Smp#: 7
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-007
Misc. Info.: icis
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:23 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	88	130029	0.2095	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.394	3.394	0.0	86	109758	0.2079	
	3 Chloromethane	50	3.517	3.517	0.0	99	28529	0.2182	
	4 Vinyl chloride	62	3.731	3.731	0.0	81	33616	0.2038	
	5 Butadiene	54	3.795	3.795	0.0	86	20742	0.2093	
	6 Bromomethane	94	4.399	4.399	0.0	93	44129	0.2079	
	7 Chloroethane	64	4.603	4.603	0.0	94	17671	0.2034	
	8 Vinyl bromide	106	4.977	4.977	0.0	97	62355	0.2018	
	9 Trichlorofluoromethane	101	5.073	5.073	0.0	95	188013	0.2095	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	96	173126	0.2026	
	11 1,1-Dichloroethene	96	6.256	6.256	0.0	93	83563	0.1967	
	12 3-Chloro-1-propene	41	7.047	7.047	0.0	91	73108	0.1994	
	13 Methylene Chloride	49	7.336	7.336	0.0	80	92457	0.2187	
	14 Methyl tert-butyl ether	73	7.732	7.732	0.0	96	209797	0.2145	
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	89	107651	0.2043	
	16 Hexane	57	8.133	8.133	0.0	88	110653	0.2030	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	99	144035	0.2053	
S	18 1,2-Dichloroethene, Total	61				0		0.4023	
	19 cis-1,2-Dichloroethene	96	9.524	9.524	0.0	92	92783	0.1980	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1380329	2.00	
	21 Chloroform	83	9.990	9.990	0.0	94	177948	0.2076	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	91	173944	0.2037	
	23 Cyclohexane	84	10.241	10.241	0.0	82	125140	0.2002	
	24 Carbon tetrachloride	117	10.439	10.439	0.0	89	176729	0.2059	
	25 Isooctane	57	10.739	10.739	0.0	98	385397	0.2058	
	26 Benzene	78	10.776	10.776	0.0	92	269470	0.2060	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	92	96476	0.2113	
	28 n-Heptane	43	11.011	11.011	0.0	87	122195	0.1994	
*	29 1,4-Difluorobenzene	114	11.349	11.349	0.0	93	7074105	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	98	115245	0.2034	
	31 1,2-Dichloropropane	63	12.081	12.081	0.0	95	93920	0.2097	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	95	163069	0.2095	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	83	121088	0.2074	
34 Toluene	92	13.510	13.510	0.0	95	188997	0.2068	
35 trans-1,3-Dichloropropene	75	13.890	13.890	0.0	94	108493	0.2100	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	96	89498	0.2080	
37 Tetrachloroethene	166	14.280	14.280	0.0	90	143033	0.2029	
38 Chlorodibromomethane	129	14.713	14.713	0.0	97	142170	0.2092	
39 Ethylene Dibromide	107	14.911	14.911	0.0	100	138401	0.2162	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	6512724	2.00	
41 Chlorobenzene	112	15.527	15.527	0.0	74	256221	0.2177	
42 Ethylbenzene	91	15.596	15.596	0.0	95	386408	0.2137	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	96	309157	0.4377	
S 44 Xylenes, Total	106				0		0.6536	
45 o-Xylene	106	16.265	16.265	0.0	94	149541	0.2159	
46 Bromoform	173	16.586	16.586	0.0	95	102704	0.2104	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	93	191016	0.2150	
48 4-Ethyltoluene	105	17.297	17.297	0.0	74	327687	0.2283	
49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	78	263606	0.2205	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	216087	0.1833	

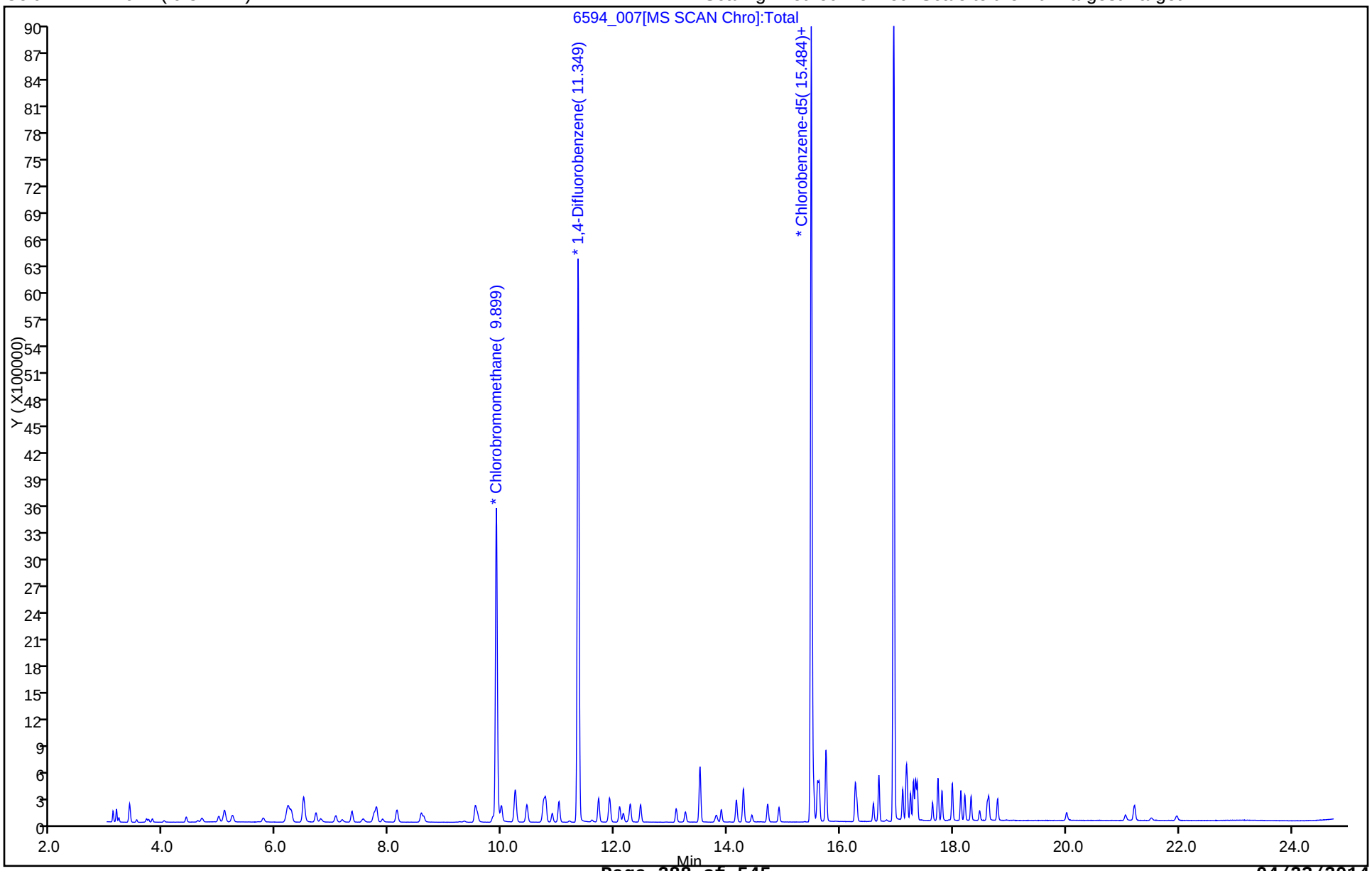
Report Date: 19-Mar-2014 10:41:24 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_007.D

Injection Date:	18-Mar-2014 17:22:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	icis			Worklist Smp#:	7
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 18-Mar-2014 18:16:30 ALS Bottle#: 2 Worklist Smp#: 8
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-008
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:24 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	88	310623	0.5157	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.394	-0.001	87	268028	0.5232	
	3 Chloromethane	50	3.516	3.517	-0.001	89	65376	0.5152	
	4 Vinyl chloride	62	3.730	3.731	-0.001	82	82821	0.5173	
	5 Butadiene	54	3.795	3.795	0.0	91	49654	0.5162	
	6 Bromomethane	94	4.399	4.399	0.0	96	103302	0.5014	
	7 Chloroethane	64	4.602	4.603	-0.001	96	41073	0.4871	
	8 Vinyl bromide	106	4.972	4.977	-0.005	96	150881	0.5031	
	9 Trichlorofluoromethane	101	5.073	5.073	0.0	86	453361	0.5205	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	97	424198	0.5115	
	11 1,1-Dichloroethene	96	6.261	6.256	0.005	87	207108	0.5023	
	12 3-Chloro-1-propene	41	7.047	7.047	0.0	92	184509	0.5185	
	13 Methylene Chloride	49	7.336	7.336	0.0	82	214718	0.5232	
	14 Methyl tert-butyl ether	73	7.727	7.732	-0.005	95	545919	0.5752	
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	82	268254	0.5247	
	16 Hexane	57	8.139	8.133	0.006	88	276047	0.5219	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	95	361197	0.5306	
S	18 1,2-Dichloroethene, Total	61				0		1.03	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	94	231559	0.5091	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1339647	2.00	
	21 Chloroform	83	9.990	9.990	0.0	93	436311	0.5244	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	91	441691	0.5285	
	23 Cyclohexane	84	10.236	10.241	-0.005	85	313997	0.5134	
	24 Carbon tetrachloride	117	10.439	10.439	0.0	90	439759	0.5235	
	25 Isooctane	57	10.738	10.739	-0.001	99	960140	0.5240	
	26 Benzene	78	10.776	10.776	0.0	94	673445	0.5262	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	91	240981	0.5394	
	28 n-Heptane	43	11.011	11.011	0.0	86	304456	0.5078	
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6921868	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	95	287849	0.5192	
	31 1,2-Dichloropropane	63	12.081	12.081	0.0	94	239677	0.5468	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	96	436507	0.5730	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	83	319831	0.5599	
34 Toluene	92	13.510	13.510	0.0	94	490133	0.5475	
35 trans-1,3-Dichloropropene	75	13.889	13.890	-0.001	92	292882	0.5794	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	95	232248	0.5512	
37 Tetrachloroethene	166	14.280	14.280	0.0	91	354642	0.5137	
38 Chlorodibromomethane	129	14.713	14.713	0.0	97	396238	0.5955	
39 Ethylene Dibromide	107	14.911	14.911	0.0	98	375596	0.5992	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6378431	2.00	
41 Chlorobenzene	112	15.521	15.527	-0.006	73	642539	0.5575	
42 Ethylbenzene	91	15.596	15.596	0.0	95	995373	0.5620	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	98	813747	1.18	
S 44 Xylenes, Total	106				0		1.76	
45 o-Xylene	106	16.265	16.265	0.0	95	398268	0.5871	
46 Bromoform	173	16.586	16.586	0.0	95	307106	0.6424	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	95	533164	0.6128	
48 4-Ethyltoluene	105	17.297	17.297	0.0	76	961722	0.6842	
49 1,3,5-Trimethylbenzene	105	17.361	17.362	-0.001	79	780672	0.6667	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	689797	0.5973	

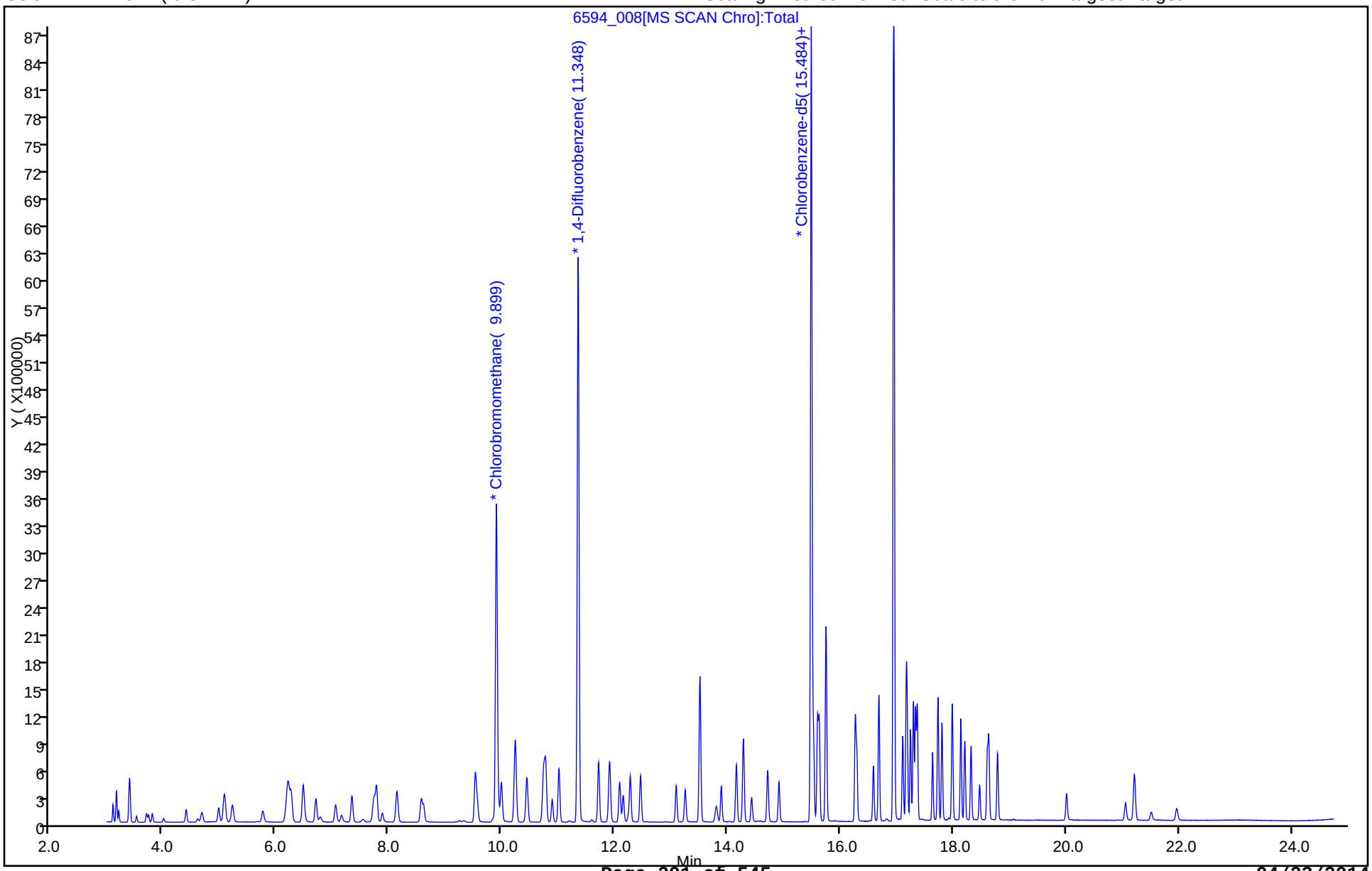
Report Date: 19-Mar-2014 10:41:25 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_008.D

Injection Date:	18-Mar-2014 18:16:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	8
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 18-Mar-2014 19:10:30 ALS Bottle#: 7 Worklist Smp#: 9
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-009
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:26 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	99	507280	0.7920	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.394	-0.001	86	437906	0.8039	
	3 Chloromethane	50	3.522	3.517	0.005	88	96709	0.7168	
	4 Vinyl chloride	62	3.736	3.731	0.005	81	129436	0.7603	
	5 Butadiene	54	3.800	3.795	0.005	91	80520	0.7872	
	6 Bromomethane	94	4.399	4.399	0.0	99	165161	0.7538	
	7 Chloroethane	64	4.608	4.603	0.005	96	68285	0.7615	
	8 Vinyl bromide	106	4.977	4.977	0.0	99	250904	0.7868	
	9 Trichlorofluoromethane	101	5.079	5.073	0.006	97	757478	0.8179	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.207	6.202	0.005	97	708652	0.8036	
	11 1,1-Dichloroethene	96	6.261	6.256	0.005	86	353951	0.8072	
	12 3-Chloro-1-propene	41	7.053	7.047	0.006	91	315156	0.8328	
	13 Methylene Chloride	49	7.336	7.336	0.0	81	335554	0.7690	
	14 Methyl tert-butyl ether	73	7.732	7.732	0.0	96	760561	0.7536	
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	82	453746	0.8346	
	16 Hexane	57	8.133	8.133	0.0	87	458624	0.8155	
	17 1,1-Dichloroethane	63	8.572	8.567	0.005	94	602714	0.8326	
S	18 1,2-Dichloroethene, Total	61				0		1.62	
	19 cis-1,2-Dichloroethene	96	9.524	9.524	0.0	93	378764	0.7832	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1424499	2.00	
	21 Chloroform	83	9.990	9.990	0.0	93	706763	0.7989	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	91	741741	0.8293	
	23 Cyclohexane	84	10.236	10.241	-0.005	83	523944	0.8004	
	24 Carbon tetrachloride	117	10.439	10.439	0.0	90	755635	0.8405	
	25 Isooctane	57	10.739	10.739	0.0	99	1532518	0.7814	
	26 Benzene	78	10.776	10.776	0.0	94	1060525	0.7743	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	92	380139	0.7950	
	28 n-Heptane	43	11.006	11.011	-0.005	87	486293	0.7578	
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	7408372	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	95	475571	0.8015	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	95	366075	0.7803	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	96	694144	0.8514	
33 cis-1,3-Dichloropropene	75	13.092	13.087	0.005	83	482720	0.7895	
34 Toluene	92	13.510	13.510	0.0	94	707000	0.7403	
35 trans-1,3-Dichloropropene	75	13.890	13.890	0.0	91	434057	0.8023	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	94	352648	0.7845	
37 Tetrachloroethene	166	14.280	14.280	0.0	90	568737	0.7722	
38 Chlorodibromomethane	129	14.713	14.713	0.0	96	640186	0.9018	
39 Ethylene Dibromide	107	14.911	14.911	0.0	98	580319	0.8677	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	6805032	2.00	
41 Chlorobenzene	112	15.527	15.527	0.0	88	912637	0.7422	
42 Ethylbenzene	91	15.596	15.596	0.0	95	1434929	0.7594	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	98	1142534	1.55	
S 44 Xylenes, Total	106				0		2.35	
45 o-Xylene	106	16.265	16.265	0.0	95	578686	0.7996	
46 Bromoform	173	16.586	16.586	0.0	96	507246	0.99	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	97	816640	0.8798	
48 4-Ethyltoluene	105	17.297	17.297	0.0	74	1342209	0.8950	
49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	78	1211970	0.9701	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	1061615	0.8617	

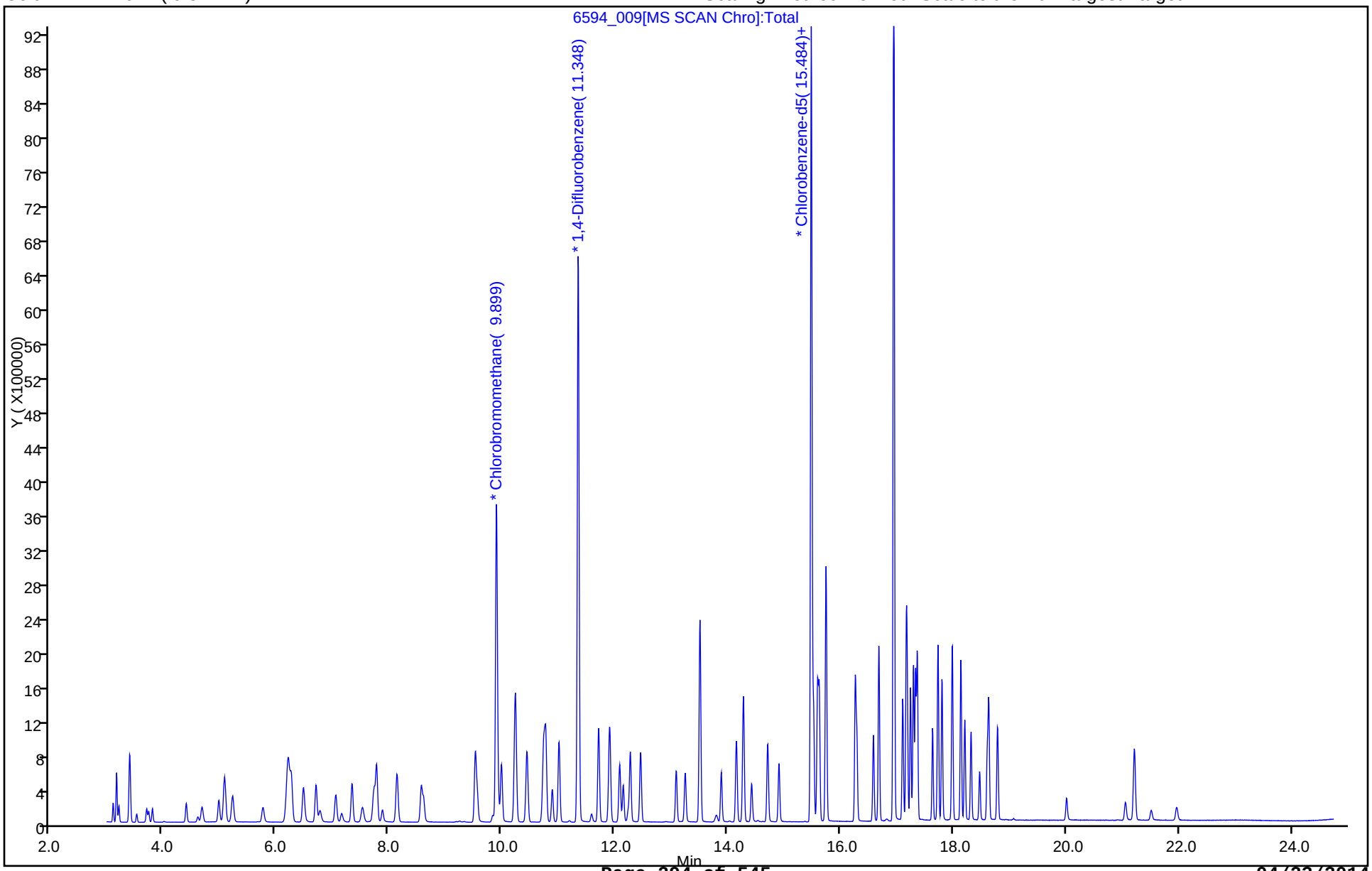
Report Date: 19-Mar-2014 10:41:26 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_009.D

Injection Date:	18-Mar-2014 19:10:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	9
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_010.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 18-Mar-2014 20:04:30 ALS Bottle#: 7 Worklist Smp#: 10
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-010
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:26 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.158	3.163	-0.005	88	604925	1.01	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.388	3.394	-0.006	87	516186	1.02	
	3 Chloromethane	50	3.516	3.517	-0.001	89	120283	0.9566	
	4 Vinyl chloride	62	3.730	3.731	-0.001	81	156055	0.9836	
	5 Butadiene	54	3.795	3.795	0.0	92	90901	0.9536	
	6 Bromomethane	94	4.394	4.399	-0.005	98	191555	0.9382	
	7 Chloroethane	64	4.602	4.603	-0.001	95	74082	0.8865	
	8 Vinyl bromide	106	4.972	4.977	-0.005	97	282706	0.9513	
	9 Trichlorofluoromethane	101	5.073	5.073	0.0	96	861551	1.00	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	97	808642	0.9840	
	11 1,1-Dichloroethene	96	6.261	6.256	0.005	86	403321	0.9870	
	12 3-Chloro-1-propene	41	7.047	7.047	0.0	91	320492	0.9088	
	13 Methylene Chloride	49	7.336	7.336	0.0	81	366340	0.9008	
	14 Methyl tert-butyl ether	73	7.727	7.732	-0.005	95	774981	0.8239	
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	81	502371	0.99	
	16 Hexane	57	8.128	8.133	-0.005	88	529476	1.01	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	94	631516	0.9361	
S	18 1,2-Dichloroethene, Total	61				0		1.92	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	92	417685	0.9267	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	85	1327519	2.00	
	21 Chloroform	83	9.990	9.990	0.0	93	773880	0.9387	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	93	796164	0.9776	
	23 Cyclohexane	84	10.236	10.241	-0.005	83	616536	1.03	
	24 Carbon tetrachloride	117	10.439	10.439	0.0	90	861006	1.05	
	25 Isooctane	57	10.739	10.739	0.0	99	1760915	0.9861	
	26 Benzene	78	10.776	10.776	0.0	92	1110041	0.8901	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	91	399410	0.9174	
	28 n-Heptane	43	11.006	11.011	-0.005	86	547436	0.9369	
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6745389	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	98	521274	0.9649	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	94	385251	0.9019	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	95	778196	1.05	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	83	522994	0.9394	
34 Toluene	92	13.510	13.510	0.0	93	761278	0.8598	
35 trans-1,3-Dichloropropene	75	13.884	13.890	-0.006	94	451417	0.9164	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	95	377235	0.9053	
37 Tetrachloroethene	166	14.280	14.280	0.0	90	658702	0.9647	
38 Chlorodibromomethane	129	14.713	14.713	0.0	96	710030	1.08	
39 Ethylene Dibromide	107	14.911	14.911	0.0	99	625386	1.01	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6308596	2.00	
41 Chlorobenzene	112	15.521	15.527	-0.006	88	1005971	0.8825	
42 Ethylbenzene	91	15.596	15.596	0.0	95	1486680	0.8487	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	98	1186059	1.73	
S 44 Xylenes, Total	106				0		2.63	
45 o-Xylene	106	16.265	16.265	0.0	95	603466	0.8995	
46 Bromoform	173	16.586	16.586	0.0	96	557097	1.18	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	838536	0.9744	
48 4-Ethyltoluene	105	17.297	17.297	0.0	74	1334035	0.9596	
49 1,3,5-Trimethylbenzene	105	17.361	17.362	-0.001	78	1191299	1.03	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	994016	0.8703	

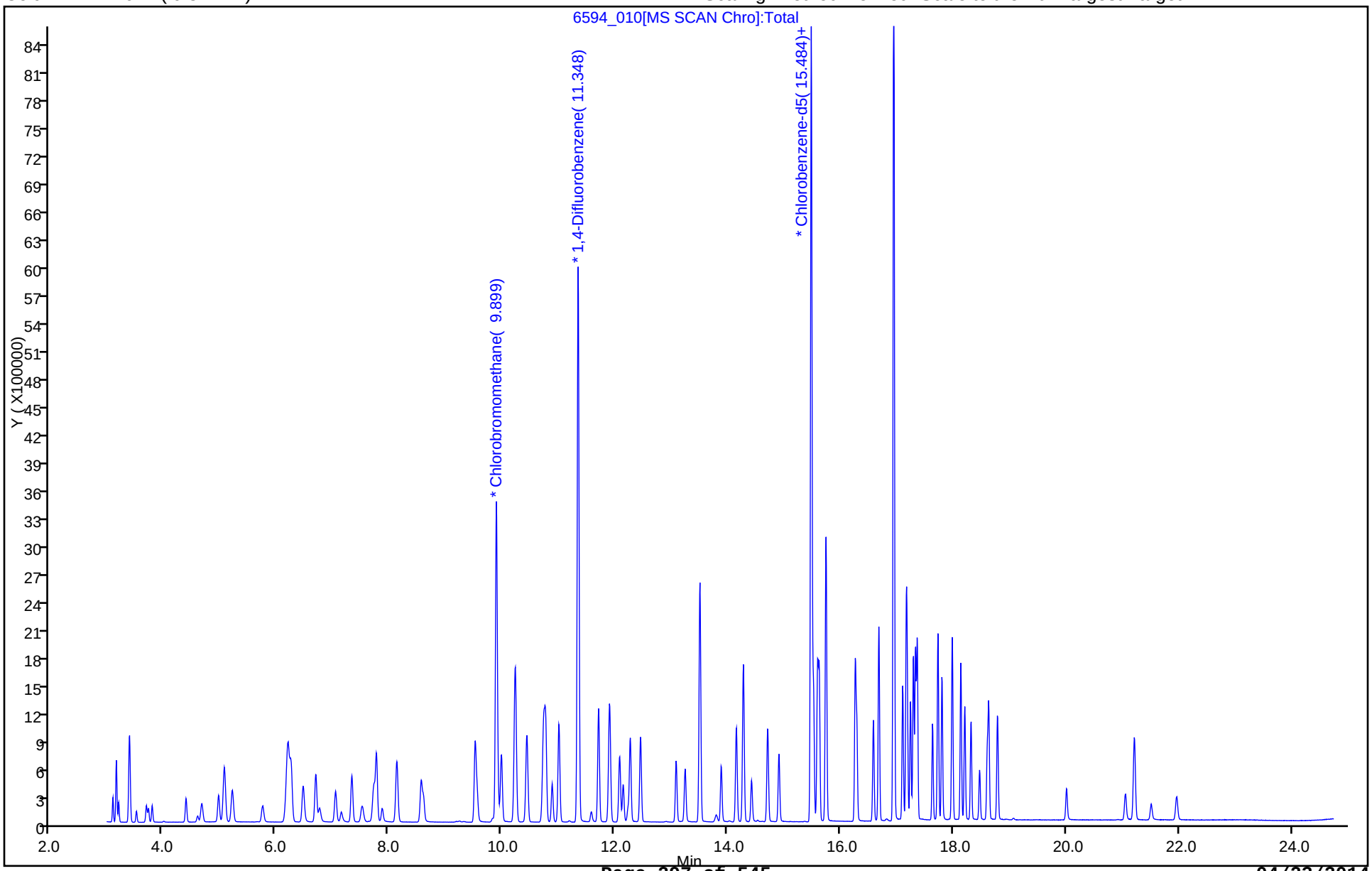
Report Date: 19-Mar-2014 10:41:27 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_010.D

Injection Date:	18-Mar-2014 20:04:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	10
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_011.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 18-Mar-2014 20:59:30 ALS Bottle#: 7 Worklist Smp#: 11
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-011
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:27 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	88	887257	1.44	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.394	0.005	84	752370	1.44	
	3 Chloromethane	50	3.522	3.517	0.005	88	174034	1.34	
	4 Vinyl chloride	62	3.736	3.731	0.005	88	226583	1.39	
	5 Butadiene	54	3.800	3.795	0.005	89	140344	1.43	
	6 Bromomethane	94	4.399	4.399	0.0	99	285274	1.36	
	7 Chloroethane	64	4.603	4.603	0.0	96	112051	1.30	
	8 Vinyl bromide	106	4.977	4.977	0.0	96	420190	1.37	
	9 Trichlorofluoromethane	101	5.084	5.073	0.011	87	1270335	1.43	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.207	6.202	0.005	97	1231306	1.45	
	11 1,1-Dichloroethene	96	6.266	6.256	0.010	84	610757	1.45	
	12 3-Chloro-1-propene	41	7.053	7.047	0.006	90	504531	1.39	
	13 Methylene Chloride	49	7.342	7.336	0.006	80	547019	1.31	
	14 Methyl tert-butyl ether	73	7.732	7.732	0.0	95	1339632	1.38	
	15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	90	756032	1.45	
	16 Hexane	57	8.139	8.133	0.006	87	782385	1.45	
	17 1,1-Dichloroethane	63	8.572	8.567	0.005	94	981187	1.41	
S	18 1,2-Dichloroethene, Total	61				0		2.87	
	19 cis-1,2-Dichloroethene	96	9.524	9.524	0.0	92	658807	1.42	
*	20 Chlorobromomethane	128	9.904	9.899	0.005	77	1367467	2.00	
	21 Chloroform	83	9.990	9.990	0.0	93	1205980	1.42	
	22 1,1,1-Trichloroethane	97	10.236	10.230	0.006	92	1263786	1.54	
	23 Cyclohexane	84	10.236	10.241	-0.005	83	933831	1.56	
	24 Carbon tetrachloride	117	10.444	10.439	0.005	89	1311857	1.59	
	25 Isooctane	57	10.739	10.739	0.0	99	2763591	1.54	
	26 Benzene	78	10.776	10.776	0.0	92	1785048	1.42	
	27 1,2-Dichloroethane	62	10.894	10.888	0.006	97	634560	1.45	
	28 n-Heptane	43	11.011	11.011	0.0	85	841254	1.43	
*	29 1,4-Difluorobenzene	114	11.354	11.349	0.005	93	6795154	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	93	817816	1.50	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	94	613768	1.43	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	32 Dichlorobromomethane	83	12.456	12.456	0.0	95	1240022	1.66	
	33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	87	852574	1.52	
	34 Toluene	92	13.515	13.510	0.005	94	1246110	1.38	
	35 trans-1,3-Dichloropropene	75	13.890	13.890	0.0	93	760652	1.53	
	36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	94	612554	1.44	
	37 Tetrachloroethene	166	14.280	14.280	0.0	91	1061274	1.52	
	38 Chlorodibromomethane	129	14.713	14.713	0.0	96	1231557	1.83	
	39 Ethylene Dibromide	107	14.911	14.911	0.0	98	1040649	1.64	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	6438378	2.00	
	41 Chlorobenzene	112	15.521	15.527	-0.006	84	1631328	1.40	
	42 Ethylbenzene	91	15.596	15.596	0.0	95	2498229	1.40	
	43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	96	2032590	2.91	
S	44 Xylenes, Total	106				0		4.43	
	45 o-Xylene	106	16.265	16.265	0.0	95	1037453	1.52	
	46 Bromoform	173	16.586	16.586	0.0	96	1011067	2.10	
	47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	1479821	1.68	
	48 4-Ethyltoluene	105	17.297	17.297	0.0	76	2462261	1.74	
	49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	79	2245670	1.90	
	50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	1942774	1.67	

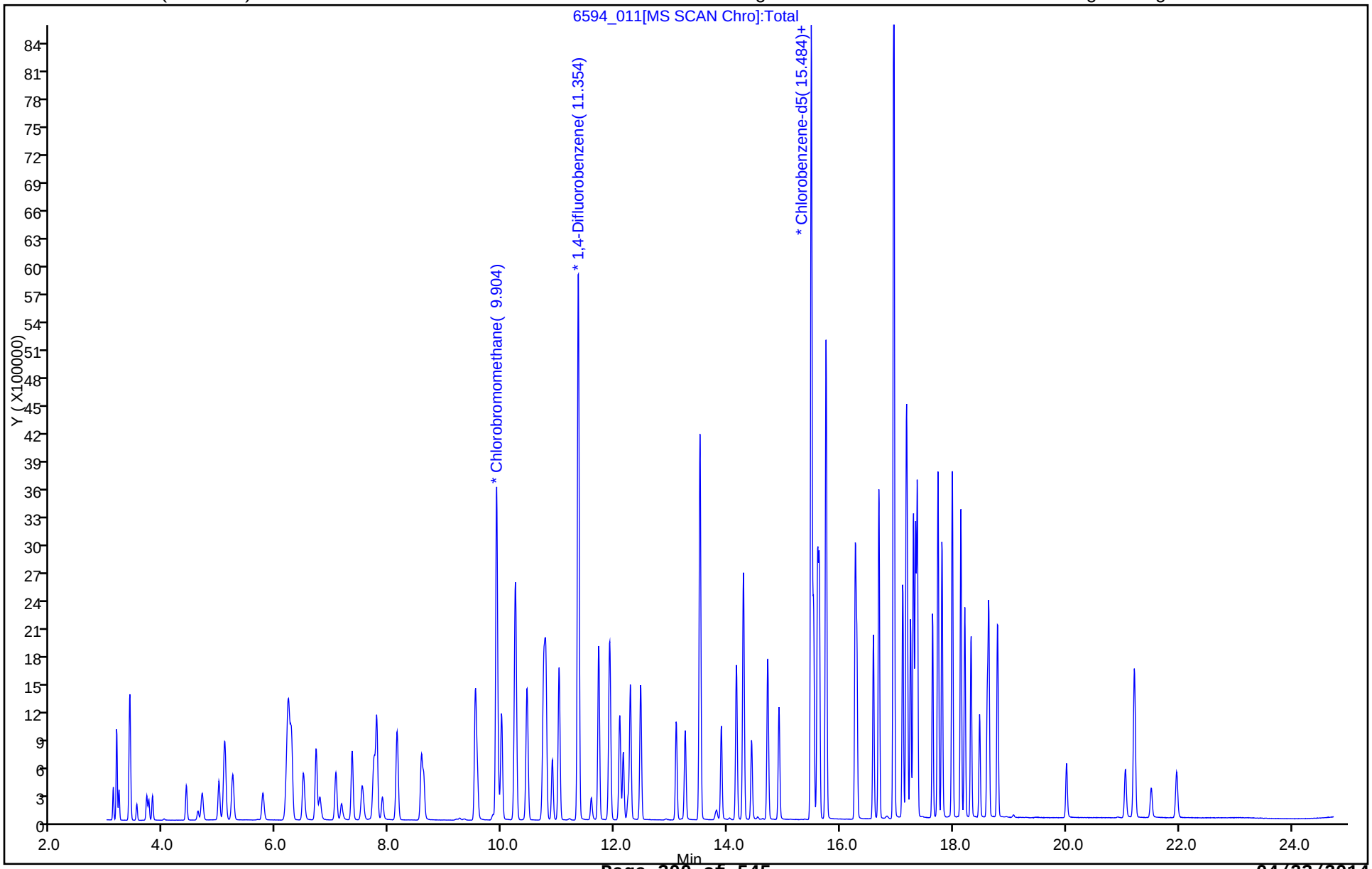
Report Date: 19-Mar-2014 10:41:28 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_011.D

Injection Date:	18-Mar-2014 20:59:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	11
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_012.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 18-Mar-2014 21:53:30 ALS Bottle#: 7 Worklist Smp#: 12
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-012
Misc. Info.: ic
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 10:41:28 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.163	3.163	0.0	88	1167764	1.80	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.394	-0.001	86	1012195	1.84	
	3 Chloromethane	50	3.522	3.517	0.005	88	227577	1.67	
	4 Vinyl chloride	62	3.736	3.731	0.005	81	313017	1.82	
	5 Butadiene	54	3.800	3.795	0.005	89	189724	1.83	
	6 Bromomethane	94	4.399	4.399	0.0	99	382764	1.73	
	7 Chloroethane	64	4.602	4.603	-0.001	95	150895	1.66	
	8 Vinyl bromide	106	4.977	4.977	0.0	97	563414	1.75	
	9 Trichlorofluoromethane	101	5.078	5.073	0.005	87	1703651	1.82	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.207	6.202	0.005	98	1714692	1.92	
	11 1,1-Dichloroethene	96	6.266	6.256	0.010	93	851996	1.92	
	12 3-Chloro-1-propene	41	7.053	7.047	0.006	90	686911	1.79	
	13 Methylene Chloride	49	7.341	7.336	0.005	79	739061	1.67	
	14 Methyl tert-butyl ether	73	7.732	7.732	0.0	95	1966742	1.93	
	15 trans-1,2-Dichloroethene	61	7.780	7.775	0.005	89	1028033	1.87	
	16 Hexane	57	8.139	8.133	0.006	87	1066631	1.88	
	17 1,1-Dichloroethane	63	8.572	8.567	0.005	94	1364315	1.86	
S	18 1,2-Dichloroethene, Total	61				0		3.76	
	19 cis-1,2-Dichloroethene	96	9.524	9.524	0.0	91	926207	1.89	
*	20 Chlorobromomethane	128	9.904	9.899	0.005	76	1440728	2.00	
	21 Chloroform	83	9.990	9.990	0.0	93	1672306	1.87	
	22 1,1,1-Trichloroethane	97	10.236	10.230	0.006	92	1771591	2.01	
	23 Cyclohexane	84	10.236	10.241	-0.005	81	1286940	2.00	
	24 Carbon tetrachloride	117	10.444	10.439	0.005	89	1847199	2.09	
	25 Isooctane	57	10.738	10.739	-0.001	99	3739568	1.94	
	26 Benzene	78	10.776	10.776	0.0	92	2538365	1.88	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	97	875218	1.86	
	28 n-Heptane	43	11.011	11.011	0.0	84	1127409	1.79	
*	29 1,4-Difluorobenzene	114	11.354	11.349	0.005	92	7285998	2.00	
	30 Trichloroethene	95	11.712	11.712	0.0	93	1139333	1.95	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	93	868706	1.88	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	95	1761568	2.20	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	82	1229998	2.05	
34 Toluene	92	13.515	13.510	0.005	94	1796046	1.86	
35 trans-1,3-Dichloropropene	75	13.889	13.890	-0.001	90	1099777	2.07	
36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	94	885697	1.95	
37 Tetrachloroethene	166	14.280	14.280	0.0	91	1525067	2.05	
38 Chlorodibromomethane	129	14.713	14.713	0.0	96	1816558	2.53	
39 Ethylene Dibromide	107	14.911	14.911	0.0	98	1519034	2.25	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	6877718	2.00	
41 Chlorobenzene	112	15.526	15.527	-0.001	97	2374655	1.91	
42 Ethylbenzene	91	15.596	15.596	0.0	95	3673549	1.92	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	98	2996577	4.02	
S 44 Xylenes, Total	106				0		6.12	
45 o-Xylene	106	16.265	16.265	0.0	95	1540128	2.11	
46 Bromoform	173	16.586	16.586	0.0	98	1549023	3.01	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	2179639	2.32	
48 4-Ethyltoluene	105	17.297	17.297	0.0	76	3718257	2.45	
49 1,3,5-Trimethylbenzene	105	17.361	17.362	-0.001	88	3392249	2.69	
50 1,2,4-Trimethylbenzene	105	17.805	17.800	0.005	96	2954681	2.37	

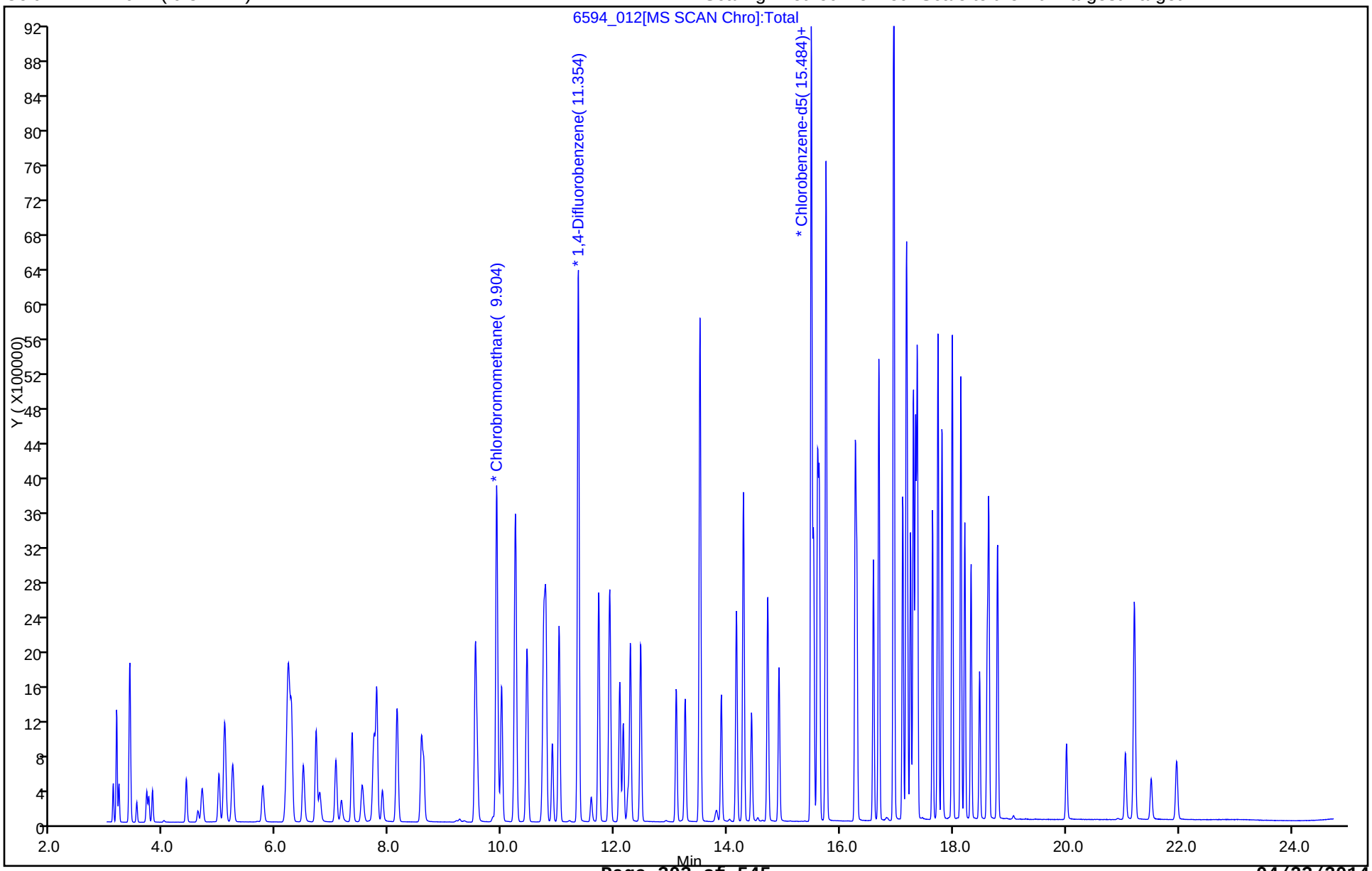
Report Date: 19-Mar-2014 10:41:28 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Injection Date:	18-Mar-2014 21:53:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ic			Worklist Smp#:	12
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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.: 200-21576-1

SDG No.: 200-21576

Lab Sample ID: ICV 200-69618/15 Calibration Date: 03/19/2014 00:36

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6594_015.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
Dichlorodifluoromethane	Ave	0.8992	0.7536		0.168	0.200	-16.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7648	0.7374		0.193	0.200	-3.6	30.0
Chloromethane	Ave	0.1894	0.1590		0.168	0.200	-16.1	30.0
Vinyl chloride	Ave	0.2390	0.1954		0.164	0.200	-18.3	30.0
1,3-Butadiene	Ave	0.1436	0.1180		0.165	0.200	-17.8	30.0
Bromomethane	Ave	0.3076	0.2536		0.165	0.200	-17.6	30.0
Chloroethane	Ave	0.1259	0.1026		0.163	0.200	-18.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.4477	0.3802		0.170	0.200	-15.1	30.0
Trichlorofluoromethane	Ave	1.300	1.121		0.173	0.200	-13.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.238	1.177		0.191	0.200	-5.0	30.0
1,1-Dichloroethene	Ave	0.6156	0.5787		0.188	0.200	-6.0	30.0
3-Chloropropene	Ave	0.5313	0.4537		0.171	0.200	-14.6	30.0
Methylene Chloride	Ave	0.6127	0.5751		0.188	0.200	-6.1	30.0
Methyl tert-butyl ether	Ave	1.417	1.409		0.199	0.200	-0.6	30.0
trans-1,2-Dichloroethene	Ave	0.7633	0.7631		0.200	0.200	-0.0	30.0
n-Hexane	Ave	0.7896	0.7955		0.202	0.200	0.7	30.0
1,1-Dichloroethane	Ave	1.016	0.9705		0.191	0.200	-4.5	30.0
cis-1,2-Dichloroethene	Ave	0.6790	0.6353		0.188	0.200	-6.4	30.0
Chloroform	Ave	1.242	1.184		0.191	0.200	-4.7	30.0
1,1,1-Trichloroethane	Ave	0.2415	0.2283		0.190	0.200	-5.5	30.0
Cyclohexane	Ave	0.1767	0.1708		0.194	0.200	-3.4	30.0
Carbon tetrachloride	Ave	0.2427	0.2327		0.192	0.200	-4.1	30.0
2,2,4-Trimethylpentane	Ave	0.5295	0.4899		0.185	0.200	-7.5	30.0
Benzene	Ave	0.3698	0.3503		0.190	0.200	-5.3	30.0
1,2-Dichloroethane	Ave	0.1291	0.1205		0.187	0.200	-6.6	30.0
n-Heptane	Ave	0.1732	0.1489		0.172	0.200	-14.0	30.0
Trichloroethene	Ave	0.1602	0.1552		0.194	0.200	-3.1	30.0
1,2-Dichloropropane	Ave	0.1267	0.1185		0.188	0.200	-6.4	30.0
Bromodichloromethane	Ave	0.2201	0.2092		0.191	0.200	-4.9	30.0
cis-1,3-Dichloropropene	Ave	0.1651	0.1607		0.195	0.200	-2.7	30.0
Toluene	Ave	0.2807	0.2813		0.201	0.200	0.2	30.0
trans-1,3-Dichloropropene	Ave	0.1461	0.1416		0.194	0.200	-3.0	30.0
1,1,2-Trichloroethane	Ave	0.1321	0.1331		0.202	0.200	0.8	30.0
Tetrachloroethene	Ave	0.2165	0.2236		0.207	0.200	3.3	30.0
Dibromochloromethane	Ave	0.2087	0.2026		0.195	0.200	-2.9	30.0
1,2-Dibromoethane	Ave	0.1966	0.2051		0.209	0.200	4.4	30.0
Chlorobenzene	Ave	0.3614	0.3810		0.211	0.200	5.4	30.0
Ethylbenzene	Ave	0.5554	0.5672		0.205	0.200	2.1	30.0
m-Xylene & p-Xylene	Ave	0.2169	0.2329		0.431	0.401	7.4	30.0
o-Xylene	Ave	0.2127	0.2267		0.214	0.200	6.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab Sample ID: ICV 200-69618/15 Calibration Date: 03/19/2014 00:36

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6594_015.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
Bromoform	Ave	0.1499	0.1479		0.198	0.200	-1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2728	0.2697		0.198	0.200	-1.2	30.0
4-Ethyltoluene	Ave	0.4407	0.4846		0.220	0.200	9.9	30.0
1,3,5-Trimethylbenzene	Ave	0.3672	0.3855		0.210	0.200	5.0	30.0
1,2,4-Trimethylbenzene	Ave	0.3621	0.3125		0.173	0.200	-13.7	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_015.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 19-Mar-2014 00:36:30 ALS Bottle#: 3 Worklist Smp#: 15
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-015
Misc. Info.: icv
Operator ID: wrd Instrument ID: CHE.i
Sublist:

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:46:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85	3.158	3.163	-0.005	87	118949	0.1680	
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.388	3.394	-0.006	88	116390	0.1933	
3 Chloromethane	50	3.517	3.517	0.0	98	25089	0.1682	
4 Vinyl chloride	62	3.731	3.731	0.0	95	30839	0.1639	
5 Butadiene	54	3.795	3.795	0.0	91	18631	0.1648	
6 Bromomethane	94	4.399	4.399	0.0	94	40025	0.1653	
7 Chloroethane	64	4.603	4.603	0.0	97	16194	0.1634	
8 Vinyl bromide	106	4.977	4.977	0.0	95	60001	0.1702	
9 Trichlorofluoromethane	101	5.073	5.073	0.0	97	176900	0.1728	
10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	97	185694	0.1905	
11 1,1-Dichloroethene	96	6.256	6.256	0.0	83	91333	0.1884	
12 3-Chloro-1-propene	41	7.047	7.047	0.0	91	71616	0.1712	
13 Methylene Chloride	49	7.331	7.336	-0.005	83	90776	0.1882	
14 Methyl tert-butyl ether	73	7.732	7.732	0.0	95	222355	0.1993	
15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	81	120440	0.2004	
16 Hexane	57	8.133	8.133	0.0	86	125561	0.2020	
17 1,1-Dichloroethane	63	8.567	8.567	0.0	99	153173	0.1914	
S 18 1,2-Dichloroethene, Total	61				0		0.3880	
19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	96	100264	0.1876	
* 20 Chlorobromomethane	128	9.899	9.899	0.0	76	1574551	2.00	
21 Chloroform	83	9.990	9.990	0.0	93	186890	0.1911	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	90	186150	0.1895	
23 Cyclohexane	84	10.241	10.241	0.0	81	139264	0.1938	
24 Carbon tetrachloride	117	10.439	10.439	0.0	97	189766	0.1922	
25 Isooctane	57	10.739	10.739	0.0	98	399427	0.1855	
26 Benzene	78	10.776	10.776	0.0	94	285619	0.1899	
27 1,2-Dichloroethane	62	10.888	10.888	0.0	92	98291	0.1872	
28 n-Heptane	43	11.006	11.011	-0.005	85	121423	0.1723	
* 29 1,4-Difluorobenzene	114	11.349	11.349	-0.001	92	8134483	2.00	
30 Trichloroethene	95	11.712	11.712	0.0	94	126511	0.1942	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	94	96621	0.1876	
	32 Dichlorobromomethane	83	12.456	12.456	0.0	95	170594	0.1906	
	33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	82	131018	0.1952	
	34 Toluene	92	13.510	13.510	0.0	94	207031	0.2009	
	35 trans-1,3-Dichloropropene	75	13.890	13.890	0.0	92	115490	0.1944	
	36 1,1,2-Trichloroethane	83	14.157	14.157	0.0	95	97965	0.2020	
	37 Tetrachloroethene	166	14.280	14.280	0.0	91	164503	0.2070	
	38 Chlorodibromomethane	129	14.708	14.713	-0.005	96	149049	0.1946	
	39 Ethylene Dibromide	107	14.911	14.911	0.0	97	150942	0.2092	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	7341118	2.00	
	41 Chlorobenzene	112	15.521	15.527	-0.006	58	280338	0.2113	
	42 Ethylbenzene	91	15.596	15.596	0.0	95	417368	0.2047	
	43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	97	342770	0.4305	
S	44 Xylenes, Total	106				0		0.6442	
	45 o-Xylene	106	16.265	16.265	0.0	95	166839	0.2137	
	46 Bromoform	173	16.586	16.586	0.0	95	108844	0.1978	
	47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	198435	0.1982	
	48 4-Ethyltoluene	105	17.297	17.297	0.0	77	356589	0.2204	
	49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	78	283671	0.2105	
	50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	229931	0.1730	
	51 BFB								

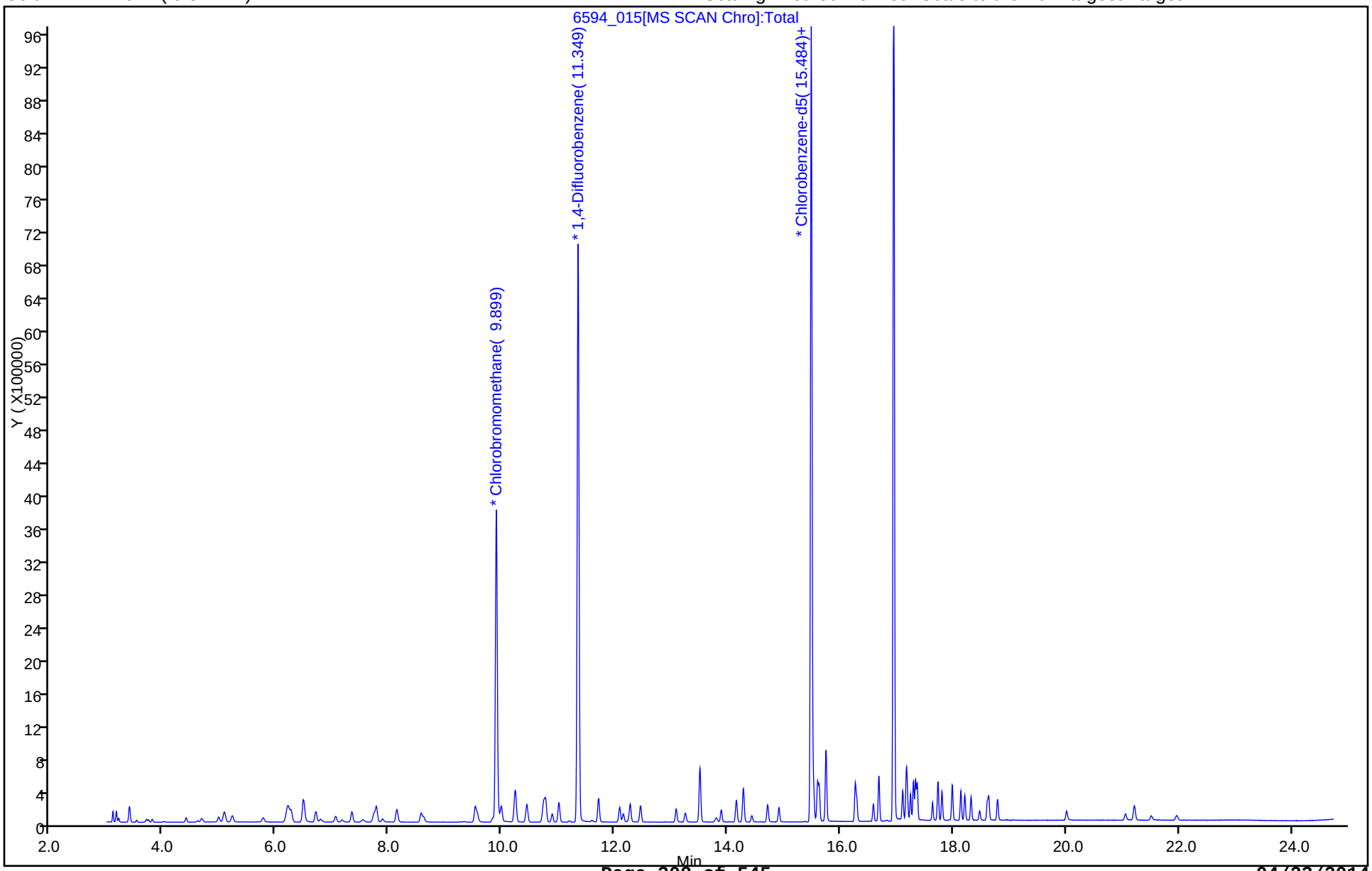
Report Date: 20-Mar-2014 16:49:28 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_015.D

Injection Date:	19-Mar-2014 00:36:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	icv			Worklist Smp#:	15
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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.: 200-21576-1

SDG No.: 200-21576

Lab Sample ID: CCVIS 200-70082/2 Calibration Date: 03/31/2014 09:23

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6778_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
Dichlorodifluoromethane	Ave	0.8992	0.7715		0.171	0.200	-14.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7648	0.6478		0.169	0.200	-15.3	30.0
Chloromethane	Ave	0.1894	0.1745		0.184	0.200	-7.9	30.0
Vinyl chloride	Ave	0.2390	0.2025		0.169	0.200	-15.3	30.0
1,3-Butadiene	Ave	0.1436	0.1249		0.174	0.200	-13.1	30.0
Bromomethane	Ave	0.3076	0.2574		0.167	0.200	-16.3	30.0
Chloroethane	Ave	0.1259	0.1082		0.172	0.200	-14.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.4477	0.3596		0.160	0.200	-19.7	30.0
Trichlorofluoromethane	Ave	1.300	1.082		0.166	0.200	-16.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.238	1.116		0.180	0.200	-9.9	30.0
1,1-Dichloroethene	Ave	0.6156	0.5508		0.179	0.200	-10.5	30.0
3-Chloropropene	Ave	0.5313	0.4679		0.176	0.200	-11.9	30.0
Methylene Chloride	Ave	0.6127	0.6018		0.196	0.200	-1.8	30.0
Methyl tert-butyl ether	Ave	1.417	1.302		0.183	0.200	-8.1	30.0
trans-1,2-Dichloroethene	Ave	0.7633	0.6934		0.181	0.200	-9.2	30.0
n-Hexane	Ave	0.7896	0.7379		0.187	0.200	-6.6	30.0
1,1-Dichloroethane	Ave	1.016	0.9293		0.183	0.200	-8.6	30.0
cis-1,2-Dichloroethene	Ave	0.6790	0.6015		0.177	0.200	-11.4	30.0
Chloroform	Ave	1.242	1.109		0.178	0.200	-10.7	30.0
1,1,1-Trichloroethane	Ave	0.2415	0.2147		0.178	0.200	-11.1	30.0
Cyclohexane	Ave	0.1767	0.1603		0.181	0.200	-9.3	30.0
Carbon tetrachloride	Ave	0.2427	0.2196		0.181	0.200	-9.5	30.0
2,2,4-Trimethylpentane	Ave	0.5295	0.4853		0.183	0.200	-8.3	30.0
Benzene	Ave	0.3698	0.3424		0.185	0.200	-7.4	30.0
1,2-Dichloroethane	Ave	0.1291	0.1151		0.178	0.200	-10.8	30.0
n-Heptane	Ave	0.1732	0.1522		0.175	0.200	-12.2	30.0
Trichloroethene	Ave	0.1602	0.1417		0.177	0.200	-11.6	30.0
1,2-Dichloropropane	Ave	0.1267	0.1170		0.184	0.200	-7.6	30.0
Bromodichloromethane	Ave	0.2201	0.2014		0.183	0.200	-8.5	30.0
cis-1,3-Dichloropropene	Ave	0.1651	0.1483		0.179	0.200	-10.1	30.0
Toluene	Ave	0.2807	0.2642		0.188	0.200	-5.9	30.0
trans-1,3-Dichloropropene	Ave	0.1461	0.1247		0.171	0.200	-14.6	30.0
1,1,2-Trichloroethane	Ave	0.1321	0.1210		0.183	0.200	-8.4	30.0
Tetrachloroethene	Ave	0.2165	0.2088		0.193	0.200	-3.5	30.0
Dibromochloromethane	Ave	0.2087	0.1970		0.188	0.200	-5.6	30.0
1,2-Dibromoethane	Ave	0.1966	0.1821		0.185	0.200	-7.3	30.0
Chlorobenzene	Ave	0.3614	0.3429		0.189	0.200	-5.1	30.0
Ethylbenzene	Ave	0.5554	0.5150		0.185	0.200	-7.3	30.0
m-Xylene & p-Xylene	Ave	0.2169	0.2080		0.383	0.399	-4.1	30.0
o-Xylene	Ave	0.2127	0.2081		0.195	0.200	-2.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab Sample ID: CCVIS 200-70082/2 Calibration Date: 03/31/2014 09:23

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6778_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
Bromoform	Ave	0.1499	0.1383		0.184	0.200	-7.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2728	0.1991		0.146	0.200	-27.0	30.0
4-Ethyltoluene	Ave	0.4407	0.3444		0.156	0.200	-21.9	30.0
1,3,5-Trimethylbenzene	Ave	0.3672	0.2840		0.154	0.200	-22.6	30.0
1,2,4-Trimethylbenzene	Ave	0.3621	0.2503		0.138	0.200	-30.9*	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_002.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 31-Mar-2014 09:23:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-002
Misc. Info.: ccvis
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 31-Mar-2014 10:29:49 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: desjardinsb Date: 31-Mar-2014 10:29:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85	3.163	3.163	0.0	88	107520	0.1713	
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.393	0.0	86	90283	0.1691	
3 Chloromethane	50	3.522	3.522	0.0	99	24317	0.1839	
4 Vinyl chloride	62	3.736	3.736	0.0	95	28223	0.1692	
5 Butadiene	54	3.795	3.795	0.0	89	17401	0.1736	
6 Bromomethane	94	4.399	4.399	0.0	94	35877	0.1671	
7 Chloroethane	64	4.597	4.597	0.0	91	15072	0.1715	
8 Vinyl bromide	106	4.977	4.977	0.0	96	50118	0.1604	
9 Trichlorofluoromethane	101	5.073	5.073	0.0	86	150818	0.1662	
10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.207	6.207	0.0	95	155545	0.1800	
11 1,1-Dichloroethene	96	6.256	6.256	0.0	91	76765	0.1786	
12 3-Chloro-1-propene	41	7.053	7.053	0.0	93	65211	0.1758	
13 Methylene Chloride	49	7.336	7.336	0.0	85	83873	0.1961	
14 Methyl tert-butyl ether	73	7.732	7.732	0.0	96	181427	0.1834	
15 trans-1,2-Dichloroethene	61	7.775	7.775	0.0	82	96630	0.1814	
16 Hexane	57	8.133	8.133	0.0	87	102832	0.1866	
17 1,1-Dichloroethane	63	8.567	8.567	0.0	94	129512	0.1826	
S 18 1,2-Dichloroethene, Total	61				0		0.3582	
19 cis-1,2-Dichloroethene	96	9.524	9.524	0.0	95	83821	0.1769	
* 20 Chlorobromomethane	128	9.899	9.899	0.0	77	1395991	2.00	
21 Chloroform	83	9.984	9.984	0.0	99	154500	0.1782	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	92	154050	0.1776	
23 Cyclohexane	84	10.236	10.236	0.0	84	114965	0.1811	
24 Carbon tetrachloride	117	10.439	10.439	0.0	90	157550	0.1807	
25 Isooctane	57	10.739	10.739	0.0	99	348126	0.1830	
26 Benzene	78	10.776	10.776	0.0	94	245595	0.1849	
27 1,2-Dichloroethane	62	10.888	10.888	0.0	92	82599	0.1781	
28 n-Heptane	43	11.006	11.006	0.0	86	109168	0.1754	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.0	92	7185769	2.00	
30 Trichloroethene	95	11.712	11.712	0.0	97	101613	0.1766	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
31 1,2-Dichloropropane	63	12.081	12.081	0.0	94	83916	0.1844	
32 Dichlorobromomethane	83	12.456	12.456	0.0	95	144499	0.1827	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	87	106394	0.1794	
34 Toluene	92	13.510	13.510	0.0	94	173096	0.1880	
35 trans-1,3-Dichloropropene	75	13.884	13.884	0.0	91	89478	0.1705	
36 1,1,2-Trichloroethane	83	14.152	14.152	0.0	94	79234	0.1828	
37 Tetrachloroethene	166	14.280	14.280	0.0	91	136798	0.1926	
38 Chlorodibromomethane	129	14.708	14.708	0.0	96	129018	0.1885	
39 Ethylene Dibromide	107	14.906	14.906	0.0	98	119313	0.1850	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	80	6561913	2.00	
41 Chlorobenzene	112	15.521	15.521	0.0	96	224653	0.1895	
42 Ethylbenzene	91	15.596	15.596	0.0	95	337391	0.1852	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	96	272564	0.3830	
S 44 Xylenes, Total	106				0		0.5783	
45 o-Xylene	106	16.265	16.265	0.0	95	136314	0.1953	
46 Bromoform	173	16.586	16.586	0.0	95	90594	0.1842	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	130406	0.1457	
48 4-Ethyltoluene	105	17.297	17.297	0.0	63	225623	0.1560	
49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	76	186070	0.1545	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	163973	0.1380	
51 BFB								

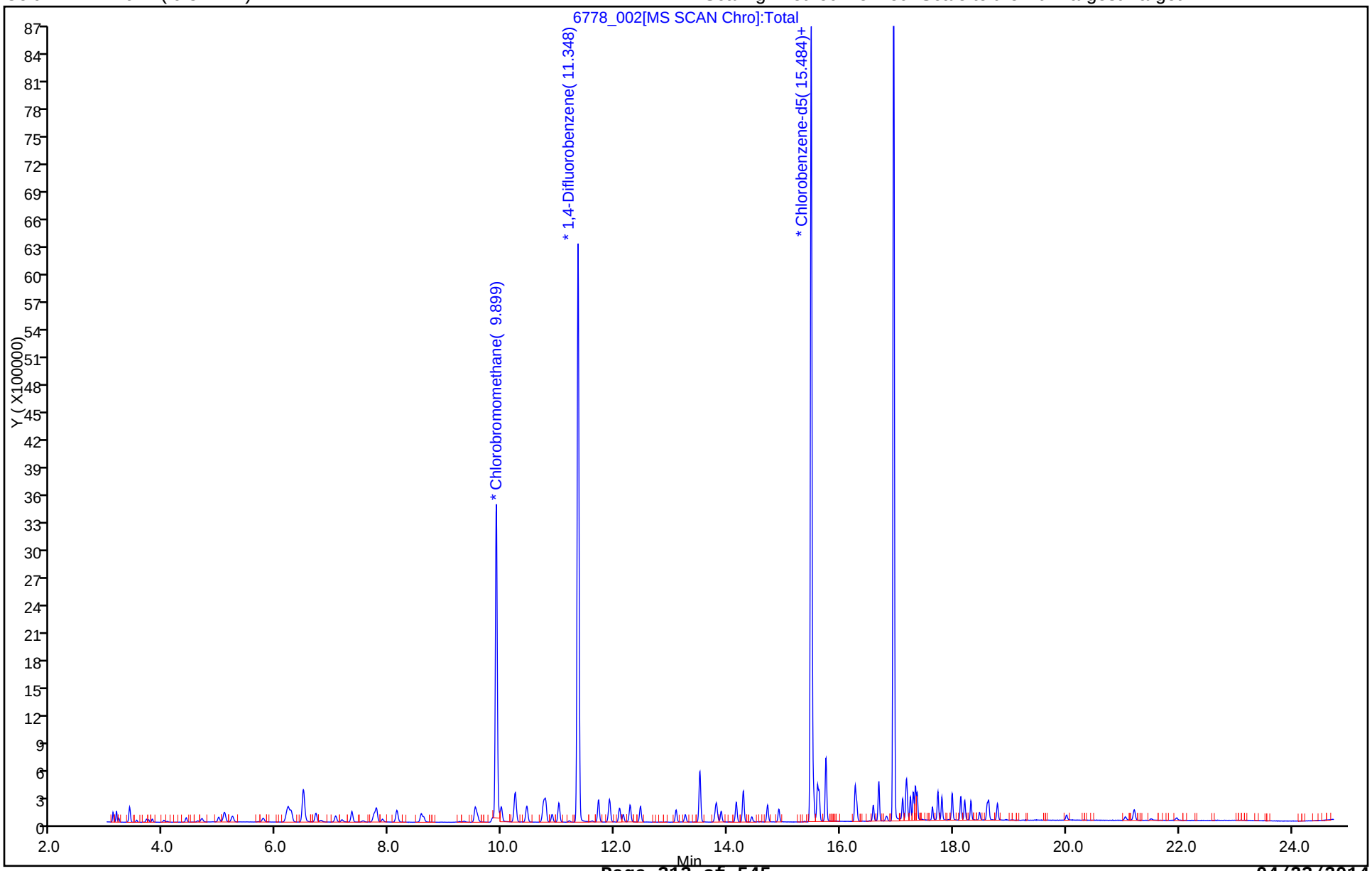
Report Date: 31-Mar-2014 10:29:49 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_002.D

Injection Date:	31-Mar-2014 09:23:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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.: 200-21576-1

SDG No.: 200-21576

Lab Sample ID: CCVIS 200-70169/2 Calibration Date: 04/01/2014 10:30

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6815_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
Dichlorodifluoromethane	Ave	0.8992	0.8643		0.192	0.200	-3.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7648	0.7378		0.193	0.200	-3.5	30.0
Chloromethane	Ave	0.1894	0.1919		0.202	0.200	1.3	30.0
Vinyl chloride	Ave	0.2390	0.2203		0.184	0.200	-7.8	30.0
1,3-Butadiene	Ave	0.1436	0.1349		0.188	0.200	-6.1	30.0
Bromomethane	Ave	0.3076	0.2699		0.175	0.200	-12.3	30.0
Chloroethane	Ave	0.1259	0.1194		0.189	0.200	-5.2	30.0
Bromoethene(Vinyl Bromide)	Ave	0.4477	0.3923		0.175	0.200	-12.4	30.0
Trichlorofluoromethane	Ave	1.300	1.203		0.185	0.200	-7.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.238	1.163		0.188	0.200	-6.0	30.0
1,1-Dichloroethene	Ave	0.6156	0.5766		0.187	0.200	-6.3	30.0
3-Chloropropene	Ave	0.5313	0.5128		0.193	0.200	-3.5	30.0
Methylene Chloride	Ave	0.6127	0.6228		0.203	0.200	1.6	30.0
Methyl tert-butyl ether	Ave	1.417	1.431		0.202	0.200	1.0	30.0
trans-1,2-Dichloroethene	Ave	0.7633	0.7396		0.193	0.200	-3.1	30.0
n-Hexane	Ave	0.7896	0.7750		0.196	0.200	-1.9	30.0
1,1-Dichloroethane	Ave	1.016	1.001		0.197	0.200	-1.5	30.0
cis-1,2-Dichloroethene	Ave	0.6790	0.6246		0.184	0.200	-8.0	30.0
Chloroform	Ave	1.242	1.194		0.192	0.200	-3.9	30.0
1,1,1-Trichloroethane	Ave	0.2415	0.2259		0.187	0.200	-6.4	30.0
Cyclohexane	Ave	0.1767	0.1663		0.188	0.200	-5.9	30.0
Carbon tetrachloride	Ave	0.2427	0.2335		0.192	0.200	-3.8	30.0
2,2,4-Trimethylpentane	Ave	0.5295	0.5094		0.192	0.200	-3.8	30.0
Benzene	Ave	0.3698	0.3619		0.195	0.200	-2.1	30.0
1,2-Dichloroethane	Ave	0.1291	0.1250		0.193	0.200	-3.2	30.0
n-Heptane	Ave	0.1732	0.1637		0.189	0.200	-5.5	30.0
Trichloroethene	Ave	0.1602	0.1539		0.192	0.200	-3.9	30.0
1,2-Dichloropropane	Ave	0.1267	0.1240		0.195	0.200	-2.1	30.0
Bromodichloromethane	Ave	0.2201	0.2152		0.195	0.200	-2.2	30.0
cis-1,3-Dichloropropene	Ave	0.1651	0.1577		0.191	0.200	-4.5	30.0
Toluene	Ave	0.2807	0.2714		0.193	0.200	-3.3	30.0
trans-1,3-Dichloropropene	Ave	0.1461	0.1396		0.191	0.200	-4.5	30.0
1,1,2-Trichloroethane	Ave	0.1321	0.1281		0.194	0.200	-3.0	30.0
Tetrachloroethene	Ave	0.2165	0.2054		0.189	0.200	-5.1	30.0
Dibromochloromethane	Ave	0.2087	0.2060		0.197	0.200	-1.3	30.0
1,2-Dibromoethane	Ave	0.1966	0.2005		0.204	0.200	2.0	30.0
Chlorobenzene	Ave	0.3614	0.3568		0.197	0.200	-1.3	30.0
Ethylbenzene	Ave	0.5554	0.5421		0.195	0.200	-2.4	30.0
m-Xylene & p-Xylene	Ave	0.2169	0.2220		0.409	0.399	2.4	30.0
o-Xylene	Ave	0.2127	0.2128		0.200	0.200	0.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Lab Sample ID: CCVIS 200-70169/2 Calibration Date: 04/01/2014 10:30

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6815_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
Bromoform	Ave	0.1499	0.1477		0.197	0.200	-1.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2728	0.2735		0.200	0.200	0.2	30.0
4-Ethyltoluene	Ave	0.4407	0.4486		0.203	0.200	1.8	30.0
1,3,5-Trimethylbenzene	Ave	0.3672	0.3500		0.190	0.200	-4.7	30.0
1,2,4-Trimethylbenzene	Ave	0.3621	0.2989		0.165	0.200	-17.5	30.0

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_002.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Apr-2014 10:30:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006815-002
Misc. Info.: ccvis
Operator ID: wrd Instrument ID: CHE.i
Sublist: chrom-TO15_LL_CHE.i*sub5

Method: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 01-Apr-2014 11:54:26 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: desjardinsb Date: 01-Apr-2014 11:54:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85	3.158	3.158	0.0	99	111174	0.1919	
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.388	3.388	0.0	85	94895	0.1926	
3 Chloromethane	50	3.511	3.511	0.0	98	24684	0.2023	
4 Vinyl chloride	62	3.730	3.730	0.0	81	28339	0.1840	
5 Butadiene	54	3.795	3.795	0.0	89	17351	0.1875	
6 Bromomethane	94	4.388	4.388	0.0	94	34709	0.1752	
7 Chloroethane	64	4.597	4.597	0.0	93	15351	0.1893	
8 Vinyl bromide	106	4.971	4.971	0.0	97	50463	0.1750	
9 Trichlorofluoromethane	101	5.068	5.068	0.0	85	154672	0.1847	
10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	95	149647	0.1876	
11 1,1-Dichloroethene	96	6.255	6.255	0.0	86	74169	0.1870	
12 3-Chloro-1-propene	41	7.042	7.042	0.0	92	65963	0.1927	
13 Methylene Chloride	49	7.331	7.331	0.0	81	80101	0.2029	
14 Methyl tert-butyl ether	73	7.732	7.732	0.0	96	184012	0.2016	
15 trans-1,2-Dichloroethene	61	7.769	7.769	0.0	91	95126	0.1935	
16 Hexane	57	8.128	8.128	0.0	90	99687	0.1960	
17 1,1-Dichloroethane	63	8.561	8.561	0.0	99	128789	0.1967	
S 18 1,2-Dichloroethene, Total	61				0		0.3771	
19 cis-1,2-Dichloroethene	96	9.519	9.519	0.0	90	80336	0.1837	
* 20 Chlorobromomethane	128	9.899	9.899	0.0	79	1288419	2.00	
21 Chloroform	83	9.984	9.984	0.0	94	153580	0.1919	
22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	95	151573	0.1868	
23 Cyclohexane	84	10.236	10.236	0.0	82	111555	0.1879	
24 Carbon tetrachloride	117	10.439	10.439	0.0	88	156643	0.1921	
25 Isooctane	57	10.738	10.738	0.0	99	341771	0.1921	
26 Benzene	78	10.776	10.776	0.0	94	242807	0.1954	
27 1,2-Dichloroethane	62	10.883	10.883	0.0	91	83858	0.1933	
28 n-Heptane	43	11.006	11.006	0.0	87	109827	0.1887	
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6720075	2.00	
30 Trichloroethene	95	11.707	11.707	0.0	95	103275	0.1919	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	31 1,2-Dichloropropane	63	12.081	12.081	0.0	94	83175	0.1955	
	32 Dichlorobromomethane	83	12.450	12.450	0.0	95	144402	0.1953	
	33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	88	105782	0.1907	
	34 Toluene	92	13.510	13.510	0.0	94	166178	0.1931	
	35 trans-1,3-Dichloropropene	75	13.884	13.884	0.0	90	93625	0.1908	
	36 1,1,2-Trichloroethane	83	14.152	14.152	0.0	96	78414	0.1936	
	37 Tetrachloroethene	166	14.280	14.280	0.0	91	125769	0.1895	
	38 Chlorodibromomethane	129	14.708	14.708	0.0	97	126136	0.1972	
	39 Ethylene Dibromide	107	14.906	14.906	0.0	97	122769	0.2037	
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	6132573	2.00	
	41 Chlorobenzene	112	15.521	15.521	0.0	86	218426	0.1971	
	42 Ethylbenzene	91	15.591	15.591	0.0	95	331865	0.1949	
	43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	96	271853	0.4087	
S	44 Xylenes, Total	106				0		0.6085	
	45 o-Xylene	106	16.259	16.259	0.0	93	130273	0.1997	
	46 Bromoform	173	16.586	16.586	0.0	94	90428	0.1967	
	47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	167418	0.2001	
	48 4-Ethyltoluene	105	17.292	17.292	0.0	68	274635	0.2032	
	49 1,3,5-Trimethylbenzene	105	17.361	17.361	0.0	75	214280	0.1903	
	50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	182982	0.1648	
	51 BFB								

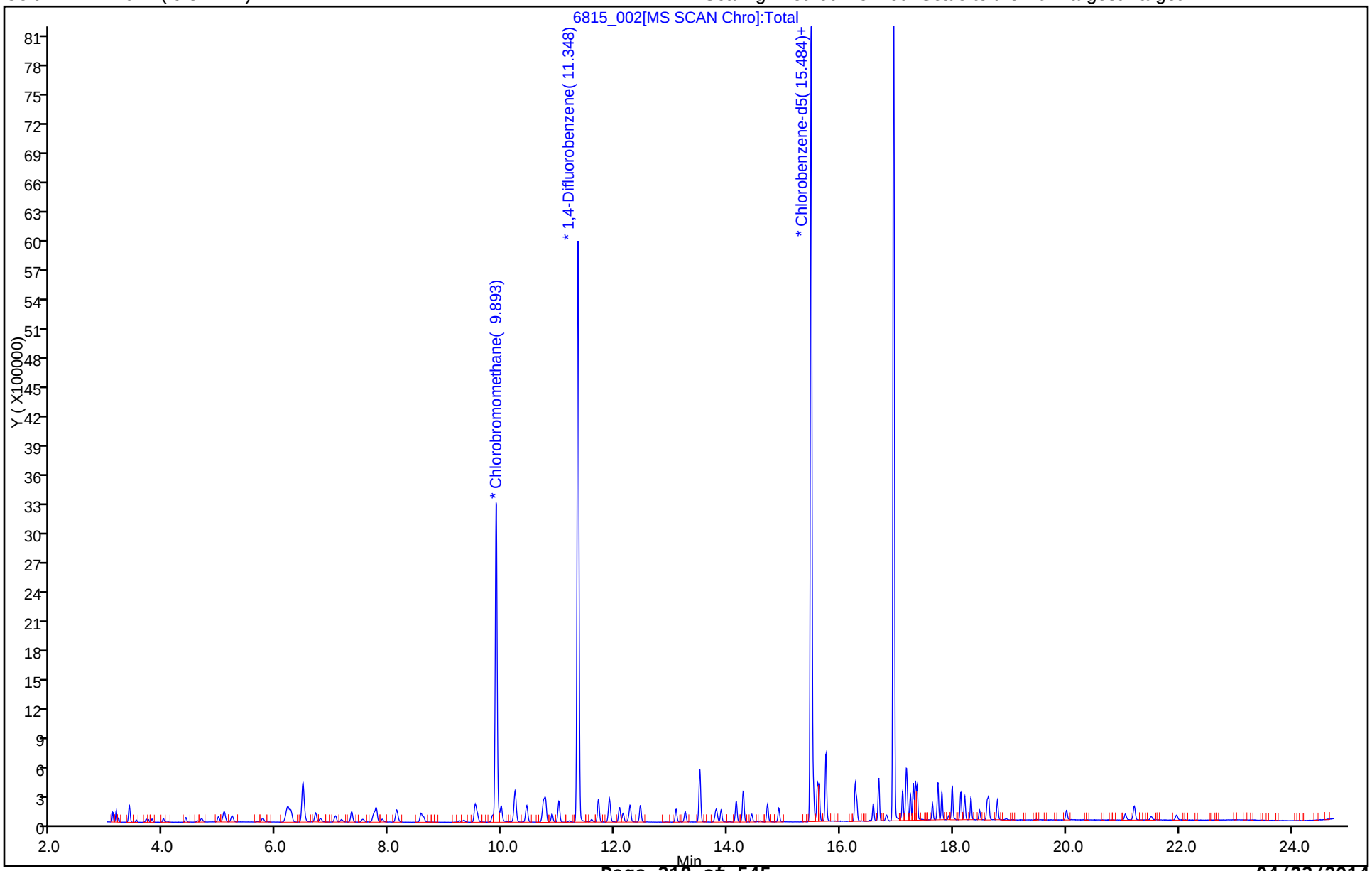
Report Date: 01-Apr-2014 11:54:27 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_002.D

Injection Date:	01-Apr-2014 10:30:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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\CHE.i\20140318-6594.b\6594_001.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	18-Mar-2014 11:57:30	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Sample Info:	200-0006594-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHE.i		
Method:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m				
Limit Group:	AI_TO5LL_Limits				
Last Update:	20-Mar-2014 16:49:20	Calib Date:	18-Mar-2014 21:53:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK050				
First Level Reviewer: desjardinsb		Date:	18-Mar-2014 12:06:40		

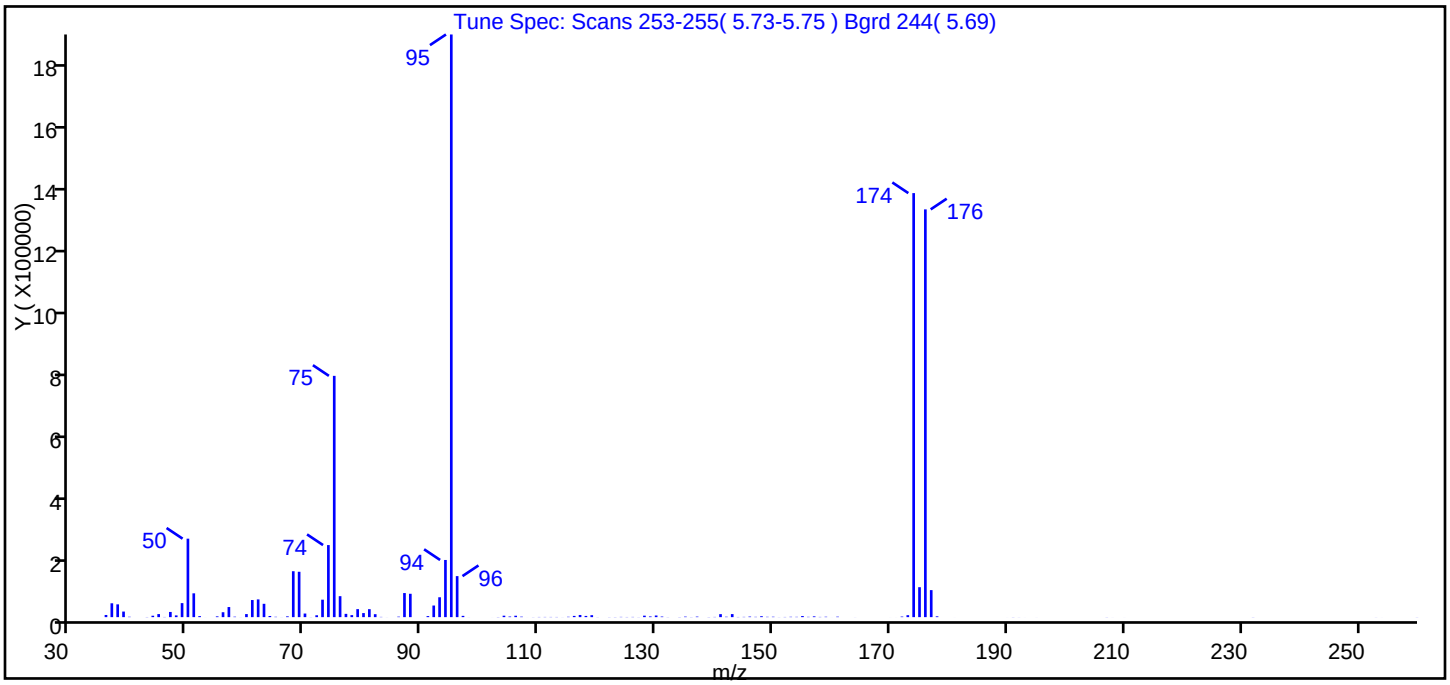
Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 20 Chlorobromomethane	128		9.899					
* 29 1,4-Difluorobenzene	114		11.349					
* 40 Chlorobenzene-d5	117		15.484					
51 BFB								

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_001.D
Injection Date: 18-Mar-2014 11:57:30 Instrument ID: CHE.i
Lims ID: BFB
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: TO15_LL_CHE.i Limit Group: AI_TO5LL_Limits
Tune Method: BFB Method CLP OLM4.2

51 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.50
75	30.00 - 66.00% of mass 95	41.40
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.30 (0.50)
174	50.00 - 120.00% of mass 95	72.80
175	4.00 - 9.00% of mass 174	5.10 (7.10)
176	93.00 - 101.00% of mass 174	70.00 (96.20)
177	5.00 - 9.00% of mass 176	4.60 (6.60)

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_001.D\TO15_LL_CHE.i.rslt\spectra.d
Injection Date: 18-Mar-2014 11:57:30
Spectrum: Tune Spec: Scans 253-255(5.73-5.75) Bgrd 244(5.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6881	74.00	229120	115.00	1135	152.00	583
37.00	44064	75.00	767104	116.00	3924	153.00	1110
38.00	40664	76.00	66680	117.00	6881	154.00	936
39.00	17752	77.00	10436	118.00	3895	155.00	3440
40.00	1191	78.00	6356	119.00	6220	156.00	951
43.00	478	79.00	25496	120.00	239	157.00	2465
44.00	4476	80.00	12924	122.00	328	158.00	710
45.00	9737	81.00	25352	123.00	397	159.00	1253
46.00	565	82.00	9414	124.00	776	160.00	51
47.00	16504	83.00	743	125.00	516	161.00	1480
48.00	5570	84.00	118	126.00	710	164.00	129
49.00	44600	86.00	1539	127.00	285	170.00	60
50.00	249472	87.00	76568	128.00	4705	171.00	51
51.00	75712	88.00	74288	129.00	2205	172.00	1816
52.00	3187	91.00	3347	130.00	5181	173.00	6228
53.00	62	92.00	36944	131.00	1869	174.00	1348096
55.00	2455	93.00	63224	132.00	298	175.00	95192
56.00	15616	94.00	181760	133.00	10	176.00	1296384
57.00	32096	95.00	1852416	134.00	444	177.00	85936
58.00	1433	96.00	130440	135.00	1653	178.00	2564
59.00	134	97.00	4076	136.00	364	181.00	50
60.00	9758	98.00	132	137.00	1706	190.00	61
61.00	54384	102.00	61	139.00	416	191.00	293
62.00	56376	103.00	466	140.00	664	192.00	168
63.00	42408	104.00	4603	141.00	9521	193.00	60
64.00	3645	105.00	1931	142.00	1270	195.00	76
65.00	1076	106.00	4485	143.00	9708	207.00	291
66.00	148	107.00	1516	144.00	554	208.00	91
67.00	2499	108.00	58	145.00	816	210.00	70
68.00	145984	109.00	263	146.00	1791	232.00	301
69.00	144256	110.00	589	147.00	944	253.00	160
70.00	11440	111.00	635	148.00	2910	254.00	64
71.00	286	112.00	625	149.00	1017	260.00	254

Report Date: 20-Mar-2014 16:49:21 Chrom Revision: 2.2 12-Mar-2014 11:19:24
Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_001.D\TO15_LL_CHE.i.rslt\spectra.d
Injection Date: 18-Mar-2014 11:57:30
Spectrum: Tune Spec: Scans 253-255(5.73-5.75) Bgrd 244(5.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	5952	113.00	572	150.00	1278		
73.00	55552	114.00	147	151.00	246		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_001.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	31-Mar-2014 08:34:30	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Sample Info:	200-0006778-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHE.i		
Method:	\\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m				
Limit Group:	AI_TO5LL_Limits				
Last Update:	31-Mar-2014 08:46:32	Calib Date:	18-Mar-2014 21:53:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK011				
First Level Reviewer: desjardinsb		Date:	31-Mar-2014 08:46:31		

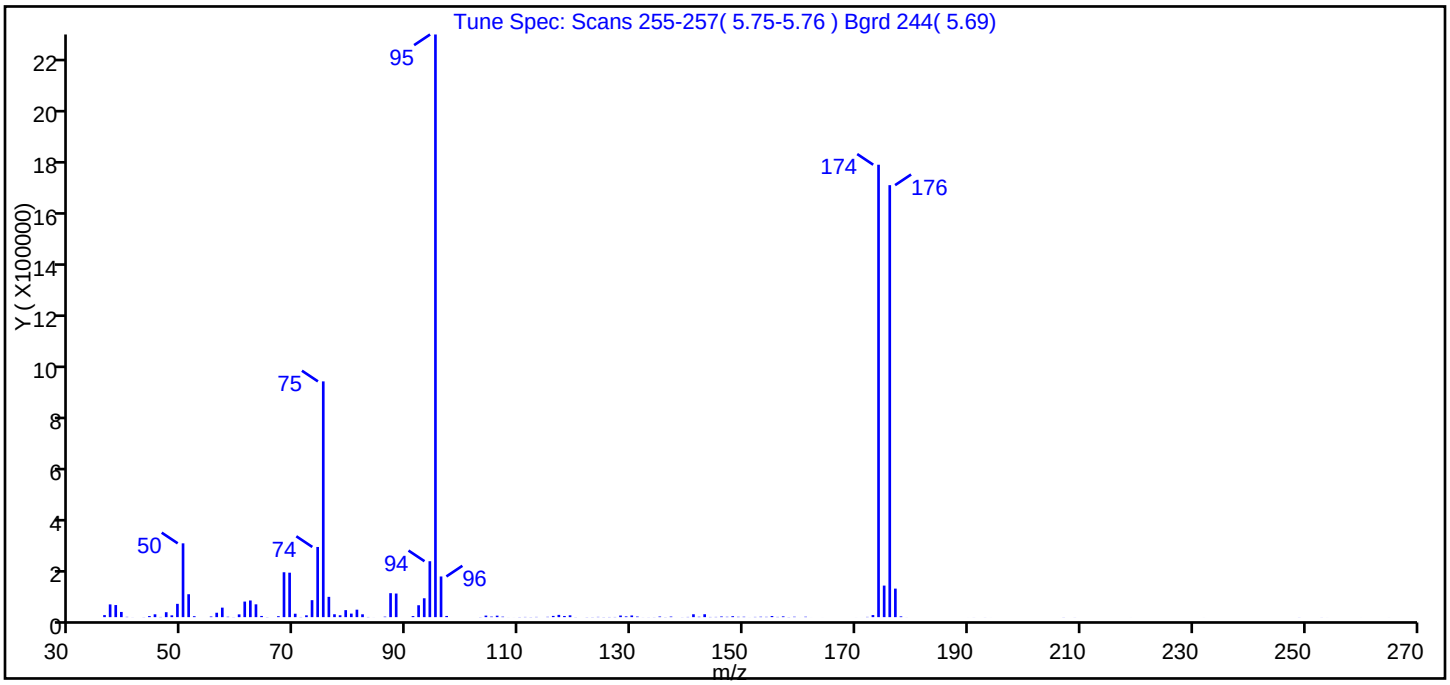
Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 20 Chlorobromomethane	128		9.899					
* 29 1,4-Difluorobenzene	114		11.348					
* 40 Chlorobenzene-d5	117		15.484					
51 BFB								

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_001.D
Injection Date: 31-Mar-2014 08:34:30 Instrument ID: CHE.i
Lims ID: BFB
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: TO15_LL_CHE.i Limit Group: AI_TO5LL_Limits
Tune Method: BFB Method CLP OLM4.2

51 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	12.70
75	30.00 - 66.00% of mass 95	40.50
96	5.00 - 9.00% of mass 95	7.00
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	77.60
175	4.00 - 9.00% of mass 174	5.40 (7.00)
176	93.00 - 101.00% of mass 174	74.10 (95.50)
177	5.00 - 9.00% of mass 176	4.90 (6.60)

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_001.D\TO15_LL_CHE.i.rslt\spectra.d
Injection Date: 31-Mar-2014 08:34:30
Spectrum: Tune Spec: Scans 255-257(5.75-5.76) Bgrd 244(5.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	8074	75.00	927680	119.00	7254	155.00	4400
37.00	50136	76.00	79880	120.00	407	156.00	921
38.00	47568	77.00	11362	122.00	467	157.00	3054
39.00	20488	78.00	7361	123.00	511	158.00	511
40.00	1174	79.00	27568	124.00	1011	159.00	1604
41.00	227	80.00	13914	125.00	519	160.00	54
43.00	412	81.00	29400	126.00	657	161.00	1605
44.00	4239	82.00	11214	127.00	684	162.00	57
45.00	11238	83.00	684	128.00	6362	164.00	55
46.00	743	84.00	133	129.00	2942	165.00	17
47.00	19472	86.00	1908	130.00	6602	170.00	86
48.00	7079	87.00	94336	131.00	2298	171.00	50
49.00	52352	88.00	92912	132.00	211	172.00	959
50.00	290432	91.00	4148	133.00	287	173.00	8145
51.00	90184	92.00	46832	134.00	377	174.00	1780224
52.00	3698	93.00	74320	135.00	2451	175.00	124184
55.00	2626	94.00	220032	136.00	458	176.00	1699840
56.00	17304	95.00	2292736	137.00	2267	177.00	112272
57.00	37424	96.00	160064	138.00	52	178.00	2986
58.00	1640	97.00	4656	139.00	313	179.00	131
59.00	405	103.00	486	140.00	847	190.00	56
60.00	10862	104.00	6101	141.00	11337	191.00	165
61.00	61264	105.00	2182	142.00	1474	193.00	177
62.00	65616	106.00	5832	143.00	11484	194.00	58
63.00	50432	107.00	1892	144.00	755	207.00	339
64.00	4710	108.00	145	145.00	909	209.00	205
65.00	495	109.00	102	146.00	2581	219.00	60
67.00	3729	110.00	594	147.00	1398	232.00	64
68.00	176640	111.00	827	148.00	3753	249.00	251
69.00	174912	112.00	552	149.00	1326	253.00	217
70.00	13477	113.00	912	150.00	1561	254.00	72
71.00	653	115.00	1215	151.00	119	260.00	35
72.00	7124	116.00	4902	152.00	930	265.00	69

Report Date: 31-Mar-2014 08:46:32 Chrom Revision: 2.2 12-Mar-2014 11:19:24
Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_001.D\TO15_LL_CHE.i.rslt\spectra.d
Injection Date: 31-Mar-2014 08:34:30
Spectrum: Tune Spec: Scans 255-257(5.75-5.76) Bgrd 244(5.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	66792	117.00	8902	153.00	1645		
74.00	276160	118.00	4569	154.00	1185		

TestAmerica Burlington
Target Compound Quantitation Report

Data File:	\\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_001.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	01-Apr-2014 09:40:30	ALS Bottle#:	1	Worklist Smp#:	1
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Sample Info:	200-0006815-001				
Misc. Info.:	bfb				
Operator ID:	wrd	Instrument ID:	CHE.i		
Method:	\\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\TO15_LL_CHE.i.m				
Limit Group:	AI_TO5LL_Limits				
Last Update:	01-Apr-2014 09:47:47	Calib Date:	18-Mar-2014 21:53:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D				
Column 1 :	RTX-624 (0.32 mm)		Det: MS SCAN		
Process Host:	XAWRK029				
First Level Reviewer: desjardinsb		Date:	01-Apr-2014 09:47:47		

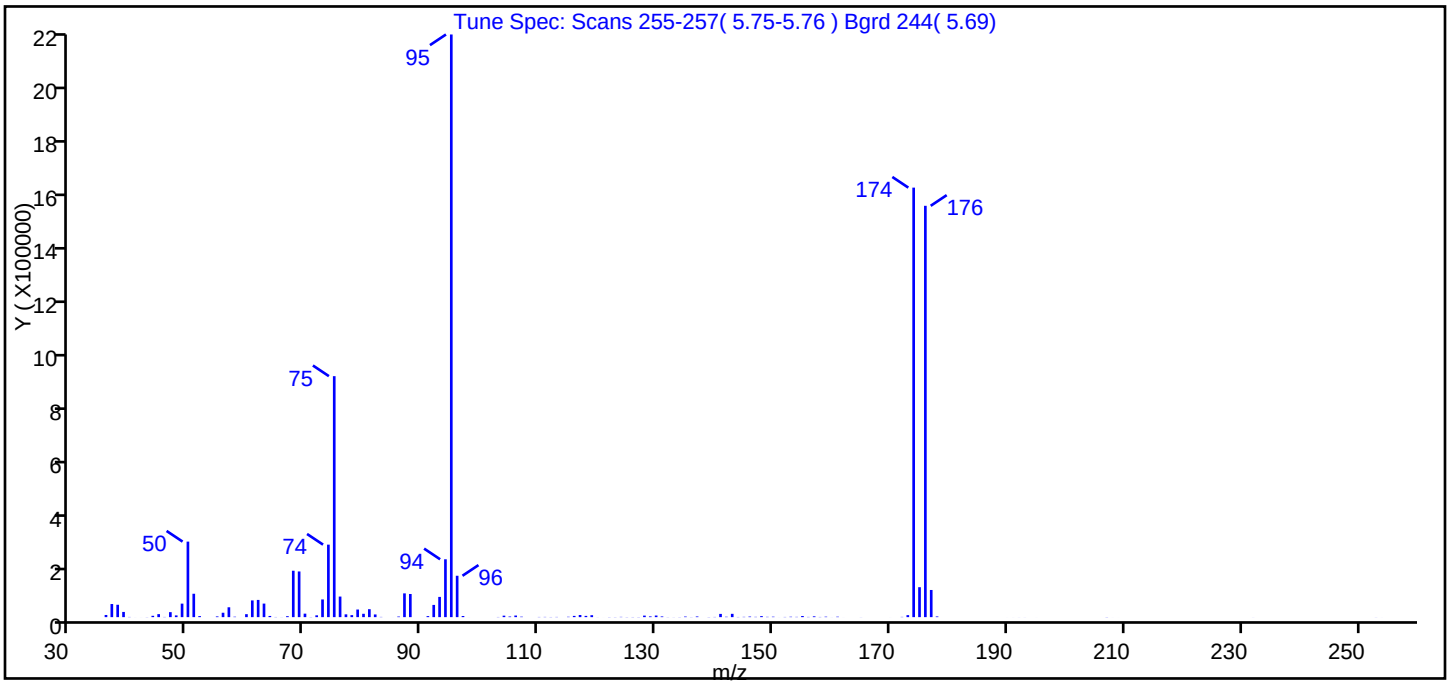
Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
* 20 Chlorobromomethane	128		9.899					
* 29 1,4-Difluorobenzene	114		11.348					
* 40 Chlorobenzene-d5	117		15.484					
51 BFB								

MS Tune Report

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_001.D
Injection Date: 01-Apr-2014 09:40:30 Instrument ID: CHE.i
Lims ID: BFB
Client ID:
Operator ID: wrd ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: TO15_LL_CHE.i Limit Group: AI_TO5LL_Limits
Tune Method: BFB Method CLP OLM4.2

51 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	13.00
75	30.00 - 66.00% of mass 95	41.40
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.30 (0.50)
174	50.00 - 120.00% of mass 95	73.70
175	4.00 - 9.00% of mass 174	5.10 (7.00)
176	93.00 - 101.00% of mass 174	70.60 (95.80)
177	5.00 - 9.00% of mass 176	4.70 (6.60)

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_001.D\TO15_LL_CHE.i.rslt\spectra.d
Injection Date: 01-Apr-2014 09:40:30
Spectrum: Tune Spec: Scans 255-257(5.75-5.76) Bgrd 244(5.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 135

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7910	71.00	538	115.00	1341	150.00	1599
37.00	48024	72.00	6626	116.00	4549	151.00	105
38.00	45280	73.00	64800	117.00	7836	152.00	711
39.00	19064	74.00	265408	118.00	4635	153.00	1472
40.00	708	75.00	882176	119.00	7104	154.00	960
41.00	94	76.00	75360	120.00	172	155.00	4062
42.00	78	77.00	10252	121.00	56	156.00	811
43.00	366	78.00	7302	122.00	464	157.00	2917
44.00	4881	79.00	27896	123.00	438	158.00	697
45.00	11003	80.00	12313	124.00	964	159.00	1711
46.00	713	81.00	29112	125.00	481	160.00	119
47.00	18312	82.00	9864	126.00	553	161.00	1618
48.00	6402	83.00	806	127.00	516	162.00	57
49.00	49472	85.00	50	128.00	5632	165.00	215
50.00	276480	86.00	2146	129.00	2721	170.00	58
51.00	85640	87.00	87016	130.00	5872	172.00	901
52.00	3741	88.00	84768	131.00	2552	173.00	7344
53.00	14	91.00	3781	132.00	351	174.00	1572352
55.00	2646	92.00	44784	133.00	258	175.00	109608
56.00	16123	93.00	74088	134.00	436	176.00	1505792
57.00	36112	94.00	211840	135.00	2130	177.00	99448
58.00	1558	95.00	2132992	136.00	375	178.00	2536
59.00	47	96.00	151488	137.00	2471	190.00	54
60.00	10889	97.00	4116	139.00	486	191.00	79
61.00	61232	98.00	105	140.00	709	192.00	127
62.00	63032	103.00	620	141.00	11840	193.00	135
63.00	49600	104.00	5408	142.00	1404	195.00	53
64.00	4333	105.00	2263	143.00	12126	207.00	488
65.00	611	106.00	5864	144.00	636	208.00	60
66.00	227	107.00	1688	145.00	1037	209.00	46
67.00	3490	110.00	695	146.00	2117	232.00	128
68.00	169920	111.00	829	147.00	1047	253.00	214
69.00	167232	112.00	572	148.00	3695	254.00	60

Report Date: 01-Apr-2014 09:47:47 Chrom Revision: 2.2 12-Mar-2014 11:19:24
Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_001.D\TO15_LL_CHE.i.rslt\spectra.d
Injection Date: 01-Apr-2014 09:40:30
Spectrum: Tune Spec: Scans 255-257(5.75-5.76) Bgrd 244(5.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 135

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	12777	113.00	768	149.00	1073		

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: Lab Sample ID: MB 200-70082/5

Matrix: Air Lab File ID: 6778_005.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 12:07

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.010	U	0.010	0.010
108-88-3	Toluene	92.14	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.010	U	0.010	0.010
100-41-4	Ethylbenzene	106.17	0.010	U	0.010	0.010
95-47-6	o-Xylene	106.17	0.010	U	0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: Lab Sample ID: MB 200-70082/5

Matrix: Air Lab File ID: 6778_005.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 12:07

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.: 70082 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.054	U	0.054	0.054
108-88-3	Toluene	92.14	0.038	U	0.038	0.038
127-18-4	Tetrachloroethene	165.83	0.068	U	0.068	0.068
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043
95-47-6	o-Xylene	106.17	0.043	U	0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.087	U	0.087	0.087
1330-20-7	Xylenes, Total	106.17	0.043	U	0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_005.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 31-Mar-2014 12:07:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-005
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 31-Mar-2014 14:37:19 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: desjardinsb Date: 31-Mar-2014 14:37:19

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	3 Chloromethane	50		3.522					
	4 Vinyl chloride	62		3.736					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.207					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.053					
	13 Methylene Chloride	49	7.341	7.336	0.005	77	10643	0.0300	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1159169	2.00	
	21 Chloroform	83		9.984					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78	10.771	10.776	-0.005	31	2781	0.002288	
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6574234	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	32 Dichlorobromomethane	83		12.456					
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92		13.510					
	35 trans-1,3-Dichloropropene	75		13.884					
	36 1,1,2-Trichloroethane	83		14.152					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.708					
	39 Ethylene Dibromide	107		14.906					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	4446972	2.00	
	41 Chlorobenzene	112		15.521					
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					
	50 1,2,4-Trimethylbenzene	105		17.800					
	51 BFB								

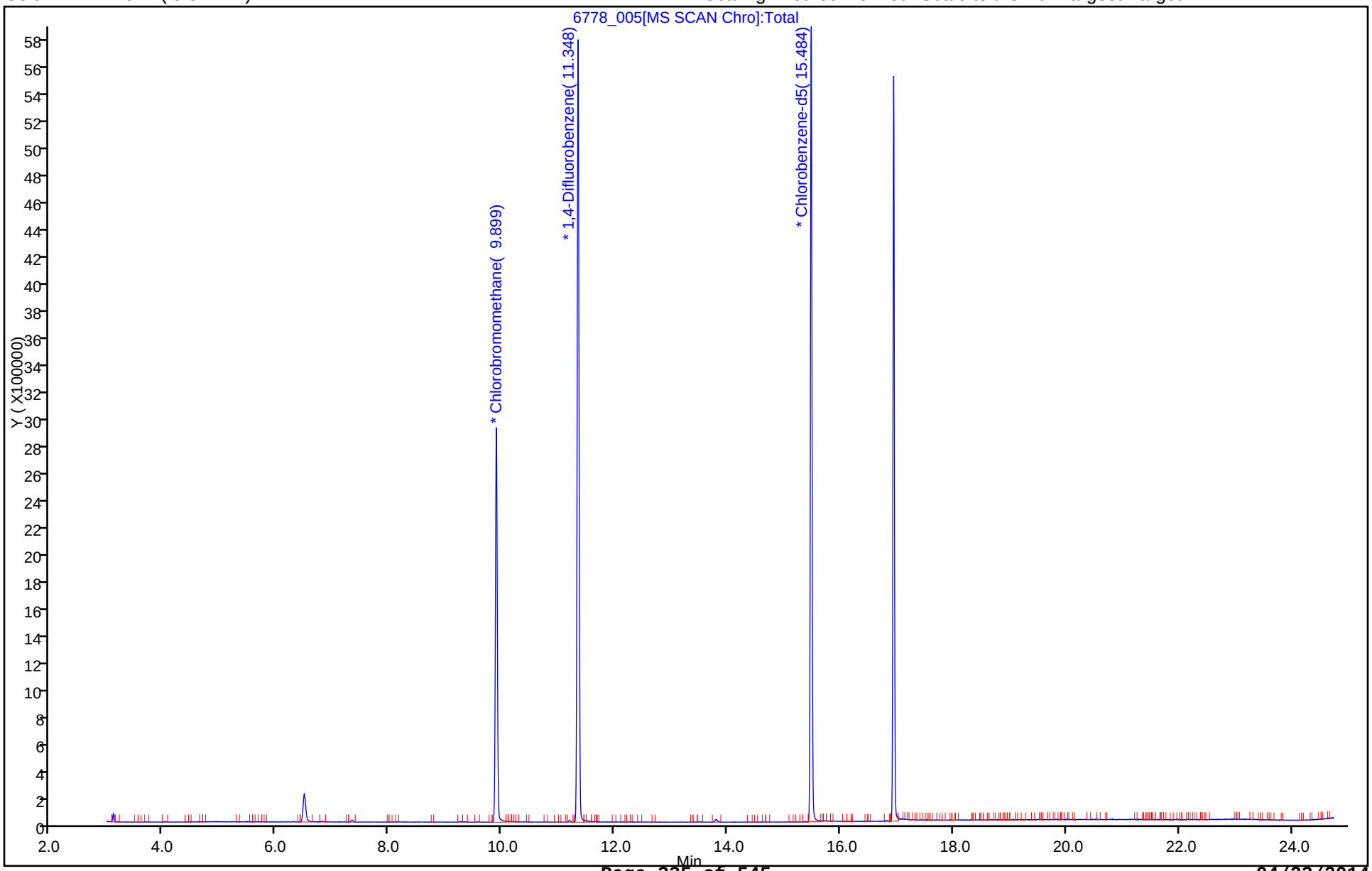
Report Date: 31-Mar-2014 14:37:19 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_005.D

Injection Date:	31-Mar-2014 12:07:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: Lab Sample ID: MB 200-70169/4

Matrix: Air Lab File ID: 6815_004.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 04/01/2014 12:21

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.: 70169 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.020	U	0.020	0.020
75-00-3	Chloroethane	64.52	0.020	U	0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.010	U	0.010	0.010
75-09-2	Methylene Chloride	84.93	0.10	U	0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.010	U	0.010	0.010
79-01-6	Trichloroethene	131.39	0.010	U	0.010	0.010
108-88-3	Toluene	92.14	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.010	U	0.010	0.010
100-41-4	Ethylbenzene	106.17	0.010	U	0.010	0.010
95-47-6	o-Xylene	106.17	0.010	U	0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.020	U	0.020	0.020

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: Lab Sample ID: MB 200-70169/4

Matrix: Air Lab File ID: 6815_004.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 04/01/2014 12:21

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.: 70169 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.051	U	0.051	0.051
75-00-3	Chloroethane	64.52	0.053	U	0.053	0.053
75-35-4	1,1-Dichloroethene	96.94	0.040	U	0.040	0.040
75-09-2	Methylene Chloride	84.93	0.35	U	0.35	0.35
156-60-5	trans-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	98.96	0.040	U	0.040	0.040
156-59-2	cis-1,2-Dichloroethene	96.94	0.040	U	0.040	0.040
71-55-6	1,1,1-Trichloroethane	133.41	0.055	U	0.055	0.055
79-01-6	Trichloroethene	131.39	0.054	U	0.054	0.054
108-88-3	Toluene	92.14	0.038	U	0.038	0.038
127-18-4	Tetrachloroethene	165.83	0.068	U	0.068	0.068
100-41-4	Ethylbenzene	106.17	0.043	U	0.043	0.043
95-47-6	o-Xylene	106.17	0.043	U	0.043	0.043
540-59-0	1,2-Dichloroethene, Total	96.94	0.040	U	0.040	0.040
179601-23-1	m-Xylene & p-Xylene	106.17	0.087	U	0.087	0.087
1330-20-7	Xylenes, Total	106.17	0.043	U	0.043	0.043
107-06-2	1,2-Dichloroethane	98.96	0.081	U	0.081	0.081

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 01-Apr-2014 12:21:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006815-004
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 01-Apr-2014 14:25:26 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: desjardinsb Date: 01-Apr-2014 14:25:26

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.388					
	3 Chloromethane	50	3.516	3.511	0.005	37	1645	0.0159	
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.388					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.971					
	9 Trichlorofluoromethane	101		5.068					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.255					
	12 3-Chloro-1-propene	41		7.042					
	13 Methylene Chloride	49	7.331	7.331	0.0	81	10383	0.0311	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.769					
	16 Hexane	57		8.128					
	17 1,1-Dichloroethane	63		8.561					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.893	9.899	-0.006	81	1091580	2.00	
	21 Chloroform	83		9.984					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.883					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6147173	2.00	
	30 Trichloroethene	95		11.707					
	31 1,2-Dichloropropane	63		12.081					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83		12.450					
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.884					
36 1,1,2-Trichloroethane	83		14.152					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.708					
39 Ethylene Dibromide	107		14.906					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	84	4276673	2.00	
41 Chlorobenzene	112		15.521					
42 Ethylbenzene	91		15.591					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.259					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.292					
49 1,3,5-Trimethylbenzene	105		17.361					
50 1,2,4-Trimethylbenzene	105		17.800					
51 BFB								

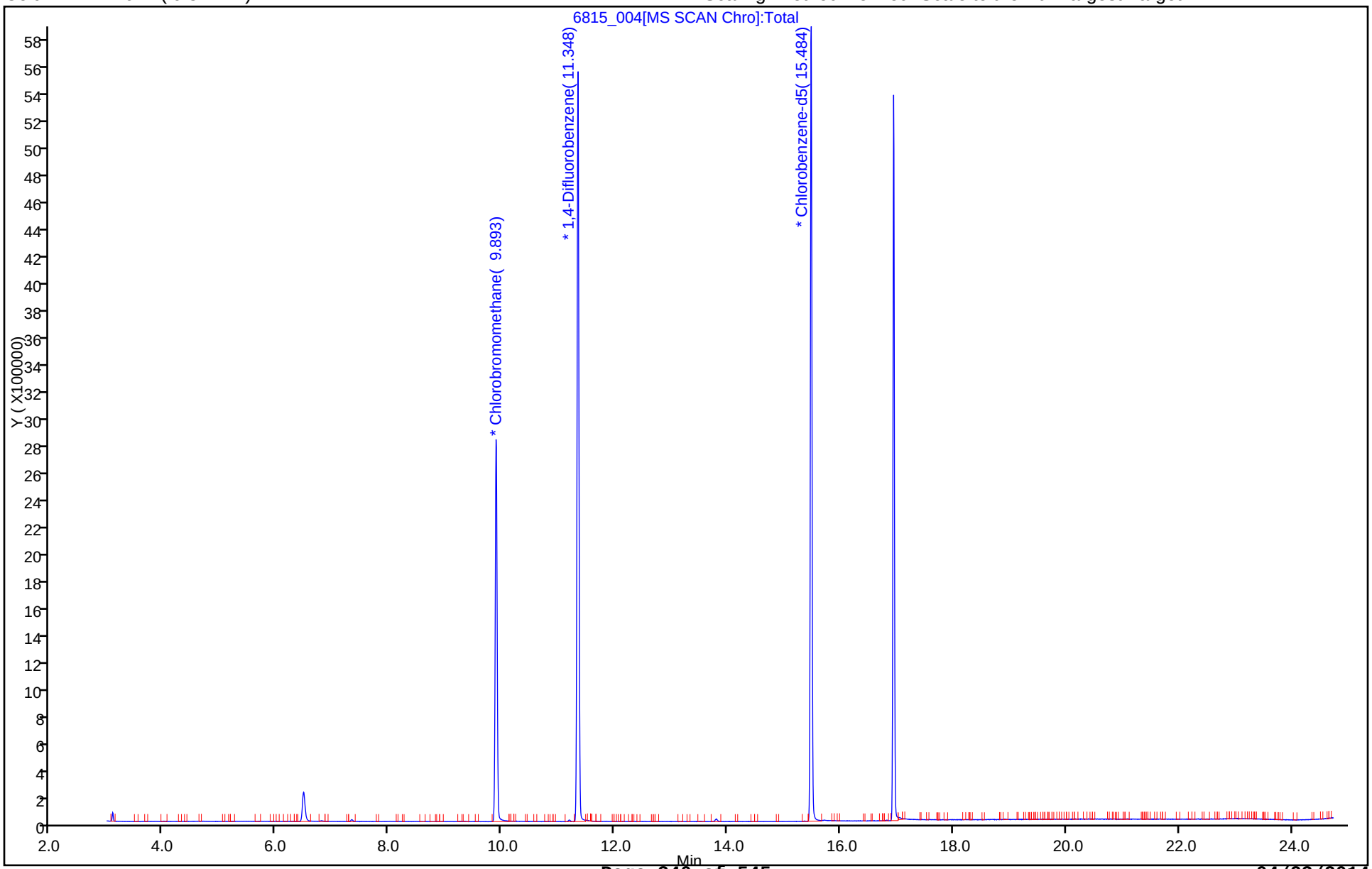
Report Date: 01-Apr-2014 14:25:26 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_004.D

Injection Date:	01-Apr-2014 12:21:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: Lab Sample ID: LCS 200-70082/4

Matrix: Air Lab File ID: 6778_004.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/31/2014 11:12

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.: 70082 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.168		0.020	0.020
75-00-3	Chloroethane	64.52	0.174		0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.176		0.010	0.010
75-09-2	Methylene Chloride	84.93	0.201		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.197		0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.192		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.183		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.190		0.010	0.010
79-01-6	Trichloroethene	131.39	0.186		0.010	0.010
108-88-3	Toluene	92.14	0.203		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.198		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.204		0.010	0.010
95-47-6	o-Xylene	106.17	0.214		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.380		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.425		0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.638		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.188		0.020	0.020

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_004.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 31-Mar-2014 11:12:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006778-004
Misc. Info.: lcs
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 31-Mar-2014 14:36:46 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: desjardinsb Date: 31-Mar-2014 14:36:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.158	3.163	-0.005	88	113511	0.1778	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.388	3.393	-0.005	93	105220	0.1938	
	3 Chloromethane	50	3.517	3.522	-0.005	96	24350	0.1811	
	4 Vinyl chloride	62	3.725	3.736	-0.011	92	28567	0.1684	
	5 Butadiene	54	3.795	3.795	0.0	89	17410	0.1708	
	6 Bromomethane	94	4.394	4.399	-0.005	92	36212	0.1658	
	7 Chloroethane	64	4.603	4.597	0.006	91	15564	0.1742	
	8 Vinyl bromide	106	4.966	4.977	-0.011	95	52833	0.1662	
	9 Trichlorofluoromethane	101	5.079	5.073	0.006	86	158586	0.1718	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.197	6.207	-0.010	96	164161	0.1868	
	11 1,1-Dichloroethene	96	6.256	6.256	0.0	86	77125	0.1765	
	12 3-Chloro-1-propene	41	7.042	7.053	-0.011	91	65381	0.1734	
	13 Methylene Chloride	49	7.336	7.336	0.0	80	87343	0.2008	
	14 Methyl tert-butyl ether	73	7.727	7.732	-0.005	96	206963	0.2058	
	15 trans-1,2-Dichloroethene	61	7.770	7.775	-0.005	90	106734	0.1970	
	16 Hexane	57	8.133	8.133	0.0	87	112291	0.2003	
	17 1,1-Dichloroethane	63	8.567	8.567	0.0	99	138834	0.1924	
S	18 1,2-Dichloroethene, Total	61				0		0.3796	
	19 cis-1,2-Dichloroethene	96	9.519	9.524	-0.005	91	88008	0.1826	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1419709	2.00	
	21 Chloroform	83	9.984	9.984	0.0	85	167683	0.1902	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	91	170683	0.1903	
	23 Cyclohexane	84	10.236	10.236	0.0	80	123673	0.1884	
	24 Carbon tetrachloride	117	10.434	10.439	-0.005	97	167216	0.1855	
	25 Isooctane	57	10.739	10.739	0.0	99	374796	0.1906	
	26 Benzene	78	10.771	10.776	-0.005	94	262993	0.1915	
	27 1,2-Dichloroethane	62	10.888	10.888	0.0	97	90023	0.1878	
	28 n-Heptane	43	11.006	11.006	0.0	85	118023	0.1834	
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	7427812	2.00	
	30 Trichloroethene	95	11.707	11.712	-0.005	94	110651	0.1860	
	31 1,2-Dichloropropane	63	12.081	12.081	0.0	94	90846	0.1931	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.456	0.0	95	155101	0.1897	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	82	119935	0.1956	
34 Toluene	92	13.510	13.510	0.0	94	191682	0.2028	
35 trans-1,3-Dichloropropene	75	13.884	13.884	0.0	93	105360	0.1942	
36 1,1,2-Trichloroethane	83	14.152	14.152	0.0	94	88210	0.1983	
37 Tetrachloroethene	166	14.280	14.280	0.0	91	144014	0.1976	
38 Chlorodibromomethane	129	14.708	14.708	0.0	96	134942	0.1921	
39 Ethylene Dibromide	107	14.906	14.906	0.0	99	134624	0.2034	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6734273	2.00	
41 Chlorobenzene	112	15.521	15.521	0.0	73	252585	0.2076	
42 Ethylbenzene	91	15.596	15.596	0.0	94	381234	0.2039	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	97	310242	0.4248	
S 44 Xylenes, Total	106				0		0.6383	
45 o-Xylene	106	16.265	16.265	0.0	94	152955	0.2136	
46 Bromoform	173	16.586	16.586	0.0	96	98959	0.1961	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	94	202272	0.2202	
48 4-Ethyltoluene	105	17.292	17.297	-0.005	76	354139	0.2386	
49 1,3,5-Trimethylbenzene	105	17.362	17.362	0.0	79	284643	0.2302	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	235845	0.1934	
51 BFB								

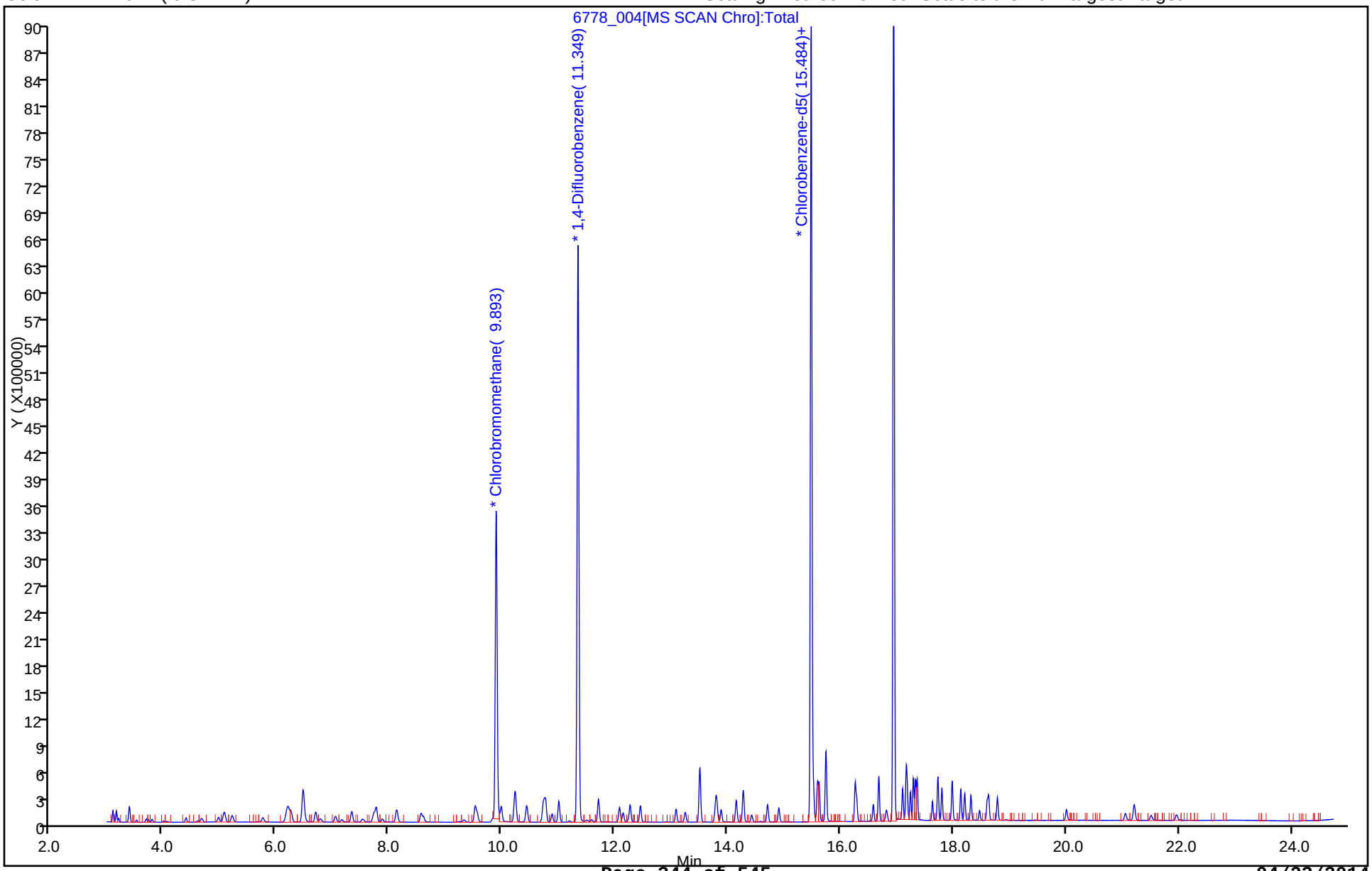
Report Date: 31-Mar-2014 14:36:47 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140331-6778.b\6778_004.D

Injection Date:	31-Mar-2014 11:12:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	lcs			Worklist Smp#:	4
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21576-1

SDG No.: 200-21576

Client Sample ID: Lab Sample ID: LCS 200-70169/3

Matrix: Air Lab File ID: 6815_003.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 04/01/2014 11:25

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.: 70169 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	62.50	0.188		0.020	0.020
75-00-3	Chloroethane	64.52	0.181		0.020	0.020
75-35-4	1,1-Dichloroethene	96.94	0.187		0.010	0.010
75-09-2	Methylene Chloride	84.93	0.206		0.10	0.10
156-60-5	trans-1,2-Dichloroethene	96.94	0.210		0.010	0.010
75-34-3	1,1-Dichloroethane	98.96	0.205		0.010	0.010
156-59-2	cis-1,2-Dichloroethene	96.94	0.188		0.010	0.010
71-55-6	1,1,1-Trichloroethane	133.41	0.194		0.010	0.010
79-01-6	Trichloroethene	131.39	0.198		0.010	0.010
108-88-3	Toluene	92.14	0.205		0.010	0.010
127-18-4	Tetrachloroethene	165.83	0.201		0.010	0.010
100-41-4	Ethylbenzene	106.17	0.208		0.010	0.010
95-47-6	o-Xylene	106.17	0.212		0.010	0.010
540-59-0	1,2-Dichloroethene, Total	96.94	0.398		0.010	0.010
179601-23-1	m-Xylene & p-Xylene	106.17	0.428		0.020	0.020
1330-20-7	Xylenes, Total	106.17	0.640		0.010	0.010
107-06-2	1,2-Dichloroethane	98.96	0.200		0.020	0.020

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_003.D
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 01-Apr-2014 11:25:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006815-003
Misc. Info.: lcs
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 01-Apr-2014 10:07:10 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: desjardinsb Date: 01-Apr-2014 12:22:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.158	3.158	0.0	88	108431	0.1882	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.388	3.388	0.0	91	104246	0.2128	
	3 Chloromethane	50	3.516	3.511	0.005	96	23401	0.1928	
	4 Vinyl chloride	62	3.730	3.730	0.0	96	28725	0.1876	
	5 Butadiene	54	3.795	3.795	0.0	90	17024	0.1850	
	6 Bromomethane	94	4.394	4.388	0.006	94	36286	0.1841	
	7 Chloroethane	64	4.597	4.597	0.0	92	14629	0.1814	
	8 Vinyl bromide	106	4.972	4.971	0.001	96	51710	0.1803	
	9 Trichlorofluoromethane	101	5.073	5.068	0.005	87	157256	0.1888	
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101	6.202	6.202	0.0	96	155810	0.1964	
	11 1,1-Dichloroethene	96	6.261	6.255	0.006	93	73808	0.1872	
	12 3-Chloro-1-propene	41	7.047	7.042	0.005	90	62816	0.1846	
	13 Methylene Chloride	49	7.336	7.331	0.005	81	80987	0.2064	
	14 Methyl tert-butyl ether	73	7.732	7.732	0.0	96	191812	0.2113	
	15 trans-1,2-Dichloroethene	61	7.775	7.769	0.006	91	102642	0.2099	
	16 Hexane	57	8.133	8.128	0.005	87	107631	0.2128	
	17 1,1-Dichloroethane	63	8.561	8.561	0.0	94	133264	0.2047	
S	18 1,2-Dichloroethene, Total	61				0		0.3979	
	19 cis-1,2-Dichloroethene	96	9.519	9.519	0.0	94	81746	0.1879	
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1281173	2.00	
	21 Chloroform	83	9.984	9.984	0.0	84	160875	0.2022	
	22 1,1,1-Trichloroethane	97	10.230	10.230	0.0	91	156564	0.1940	
	23 Cyclohexane	84	10.236	10.236	0.0	80	115916	0.1962	
	24 Carbon tetrachloride	117	10.434	10.439	-0.005	89	159694	0.1969	
	25 Isooctane	57	10.733	10.738	-0.005	99	346315	0.1957	
	26 Benzene	78	10.776	10.776	0.0	94	248890	0.2014	
	27 1,2-Dichloroethane	62	10.888	10.883	0.005	91	86262	0.1999	
	28 n-Heptane	43	11.006	11.006	0.0	88	110112	0.1902	
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6684899	2.00	
	30 Trichloroethene	95	11.712	11.707	0.005	94	105881	0.1978	
	31 1,2-Dichloropropane	63	12.087	12.081	0.006	94	85758	0.2026	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83	12.456	12.450	0.006	95	148071	0.2013	
33 cis-1,3-Dichloropropene	75	13.087	13.087	0.0	88	110692	0.2006	
34 Toluene	92	13.510	13.510	0.0	94	174431	0.2054	
35 trans-1,3-Dichloropropene	75	13.890	13.884	0.006	93	93309	0.1911	
36 1,1,2-Trichloroethane	83	14.152	14.152	0.0	94	83530	0.2090	
37 Tetrachloroethene	166	14.280	14.280	0.0	90	131441	0.2007	
38 Chlorodibromomethane	129	14.708	14.708	0.0	96	126322	0.2001	
39 Ethylene Dibromide	107	14.911	14.906	0.005	98	121978	0.2051	
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	6050893	2.00	
41 Chlorobenzene	112	15.521	15.521	0.0	96	232551	0.2127	
42 Ethylbenzene	91	15.596	15.591	0.005	94	349673	0.2081	
43 m-Xylene & p-Xylene	106	15.746	15.746	0.0	96	281064	0.4283	
S 44 Xylenes, Total	106				0		0.6405	
45 o-Xylene	106	16.265	16.259	0.006	94	136543	0.2122	
46 Bromoform	173	16.586	16.586	0.0	94	89591	0.1976	
47 1,1,2,2-Tetrachloroethane	83	17.105	17.105	0.0	93	164365	0.1991	
48 4-Ethyltoluene	105	17.297	17.292	0.005	85	272444	0.2043	
49 1,3,5-Trimethylbenzene	105	17.362	17.361	0.001	91	207287	0.1866	
50 1,2,4-Trimethylbenzene	105	17.800	17.800	0.0	96	166842	0.1523	
51 BFB								

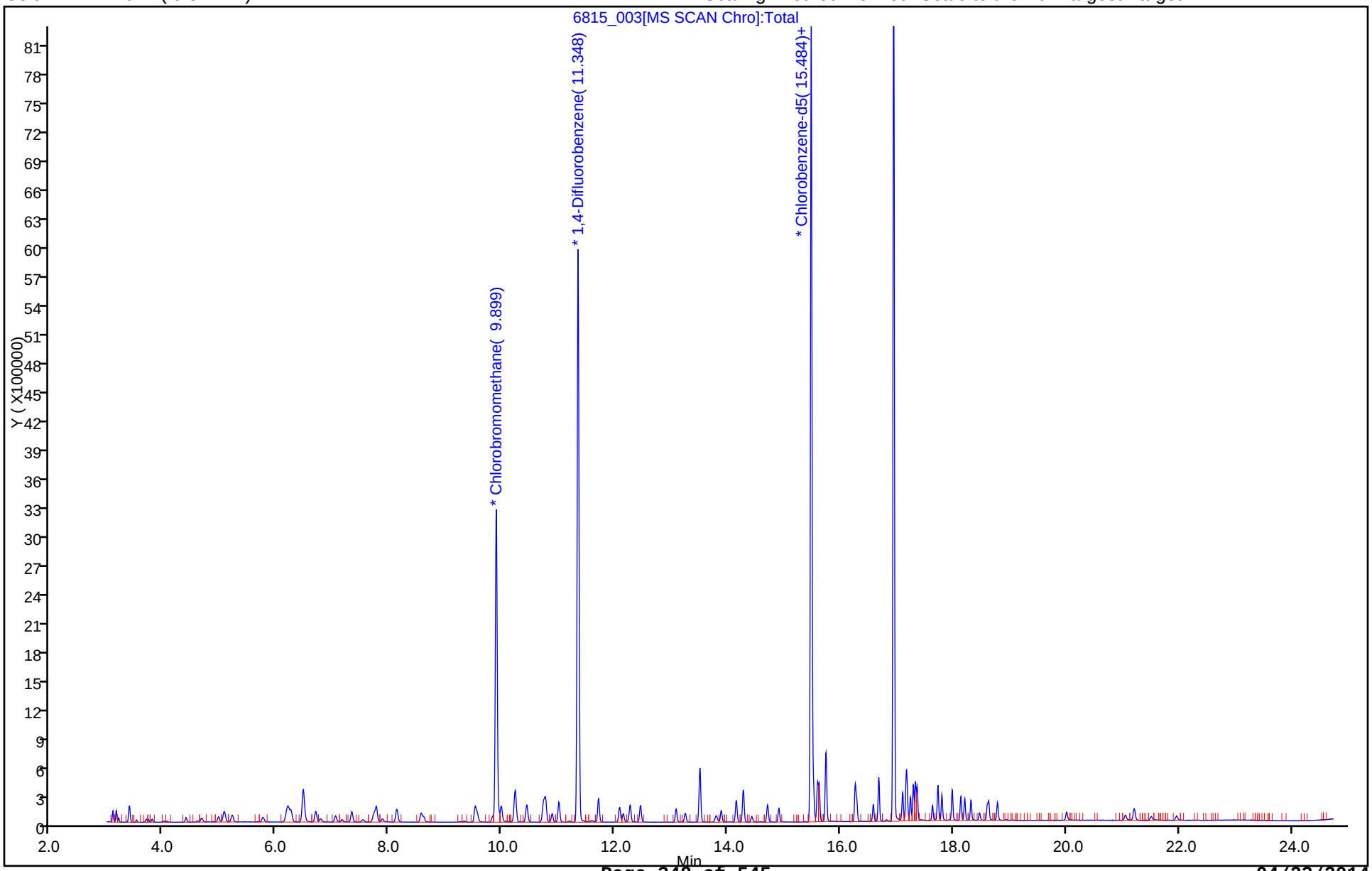
Report Date: 01-Apr-2014 12:22:53 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140401-6815.b\6815_003.D

Injection Date:	01-Apr-2014 11:25:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	lcs			Worklist Smp#:	3
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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.: 200-21576-1

SDG No.: 200-21576

Instrument ID: CHE.i Start Date: 03/18/2014 11:57

Analysis Batch Number: 69618 End Date: 03/19/2014 11:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-69618/1		03/18/2014 11:57	1	6594_001.D	RTX-624 0.32(mm)
VIBLK 200-69618/2		03/18/2014 12:49	1		RTX-624 0.32(mm)
IC 200-69618/4		03/18/2014 14:38	1	6594_004.D	RTX-624 0.32(mm)
IC 200-69618/5		03/18/2014 15:32	1	6594_005.D	RTX-624 0.32(mm)
IC 200-69618/6		03/18/2014 16:27	1	6594_006.D	RTX-624 0.32(mm)
ICIS 200-69618/7		03/18/2014 17:22	1	6594_007.D	RTX-624 0.32(mm)
IC 200-69618/8		03/18/2014 18:16	1	6594_008.D	RTX-624 0.32(mm)
IC 200-69618/9		03/18/2014 19:10	1	6594_009.D	RTX-624 0.32(mm)
IC 200-69618/10		03/18/2014 20:04	1	6594_010.D	RTX-624 0.32(mm)
IC 200-69618/11		03/18/2014 20:59	1	6594_011.D	RTX-624 0.32(mm)
IC 200-69618/12		03/18/2014 21:53	1	6594_012.D	RTX-624 0.32(mm)
VIBLK 200-69618/13		03/18/2014 22:47	1		RTX-624 0.32(mm)
VIBLK 200-69618/14		03/18/2014 23:42	1		RTX-624 0.32(mm)
ICV 200-69618/15		03/19/2014 00:36	1	6594_015.D	RTX-624 0.32(mm)
ZZZZZ		03/19/2014 01:29	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 02:23	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 03:17	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 04:11	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 05:05	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 05:59	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 06:55	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 07:49	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 08:44	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 09:39	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 10:33	1		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 11:27	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Instrument ID: CHE.i Start Date: 03/31/2014 08:34

Analysis Batch Number: 70082 End Date: 04/01/2014 08:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-70082/1		03/31/2014 08:34	1	6778_001.D	RTX-624 0.32(mm)
CCVIS 200-70082/2		03/31/2014 09:23	1	6778_002.D	RTX-624 0.32(mm)
ZZZZZ		03/31/2014 10:18	1		RTX-624 0.32(mm)
LCS 200-70082/4		03/31/2014 11:12	1	6778_004.D	RTX-624 0.32(mm)
MB 200-70082/5		03/31/2014 12:07	1	6778_005.D	RTX-624 0.32(mm)
200-21576-1	RT-38-IA-032514	03/31/2014 13:02	1	6778_006.D	RTX-624 0.32(mm)
200-21576-2	RT-39-IA-032514	03/31/2014 13:57	1	6778_007.D	RTX-624 0.32(mm)
200-21576-3	RT-40-IA-032514	03/31/2014 14:51	1	6778_008.D	RTX-624 0.32(mm)
200-21576-4	RT-41-IA-032514	03/31/2014 15:46	1	6778_009.D	RTX-624 0.32(mm)
200-21576-5	RT-42-IA-032514	03/31/2014 16:41	1	6778_010.D	RTX-624 0.32(mm)
200-21576-6	RT-43-IA-032514	03/31/2014 17:36	1	6778_011.D	RTX-624 0.32(mm)
200-21576-7	RT-44-IA-032514	03/31/2014 18:31	1	6778_012.D	RTX-624 0.32(mm)
200-21576-8	RT-45-IA-032514	03/31/2014 19:25	1	6778_013.D	RTX-624 0.32(mm)
200-21576-9	RT-AA-032514	03/31/2014 20:20	1	6778_014.D	RTX-624 0.32(mm)
200-21576-10	RT-DUP-IA-032514	03/31/2014 21:14	1	6778_015.D	RTX-624 0.32(mm)
ZZZZZ		03/31/2014 22:09	1		RTX-624 0.32(mm)
ZZZZZ		03/31/2014 23:03	2.95		RTX-624 0.32(mm)
ZZZZZ		03/31/2014 23:57	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 00:51	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 01:45	3.57		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 02:39	1		RTX-624 0.32(mm)
200-21576-2 DL	RT-39-IA-032514 DL	04/01/2014 03:33	15.2	6778_022.D	RTX-624 0.32(mm)
200-21576-3 DL	RT-40-IA-032514 DL	04/01/2014 04:27	2.5	6778_023.D	RTX-624 0.32(mm)
200-21576-4 DL	RT-41-IA-032514 DL	04/01/2014 05:21	2.5	6778_024.D	RTX-624 0.32(mm)
200-21576-5 DL	RT-42-IA-032514 DL	04/01/2014 06:15	2.5	6778_025.D	RTX-624 0.32(mm)
200-21576-6 DL	RT-43-IA-032514 DL	04/01/2014 07:09	2.5	6778_026.D	RTX-624 0.32(mm)
ZZZZZ		04/01/2014 08:03	2.5		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21576-1

SDG No.: 200-21576

Instrument ID: CHE.i Start Date: 04/01/2014 09:40

Analysis Batch Number: 70169 End Date: 04/02/2014 09:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-70169/1		04/01/2014 09:40	1	6815_001.D	RTX-624 0.32(mm)
CCVIS 200-70169/2		04/01/2014 10:30	1	6815_002.D	RTX-624 0.32(mm)
LCS 200-70169/3		04/01/2014 11:25	1	6815_003.D	RTX-624 0.32(mm)
MB 200-70169/4		04/01/2014 12:21	1	6815_004.D	RTX-624 0.32(mm)
ZZZZZ		04/01/2014 13:15	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 14:10	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 15:05	1		RTX-624 0.32(mm)
200-21576-8 DL	RT-45-IA-032514 DL	04/01/2014 15:59	5	6815_008.D	RTX-624 0.32(mm)
200-21576-10 DL	RT-DUP-IA-032514 DL	04/01/2014 16:54	2	6815_009.D	RTX-624 0.32(mm)
ZZZZZ		04/01/2014 17:48	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 18:43	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 19:37	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 20:31	1		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 21:26	4		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 22:20	4		RTX-624 0.32(mm)
ZZZZZ		04/01/2014 23:14	4		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 00:08	4		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 01:03	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 01:56	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 02:51	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 03:44	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 04:39	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 05:33	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 06:27	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 07:22	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 08:16	1		RTX-624 0.32(mm)
ZZZZZ		04/02/2014 09:11	1		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 Gague ID	Analyst
O'Brien + Gere	200-21576	3/27/14	1530	29.9	22	611	VS

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
200-21576-1	3521	-8.5	N	3484	Y	3521 6551	.
2	3210	-6.4	↓	2773	|	3210 6594	.
3	4716	-14.3	Y	4500	|	4716 6551	.
4	2907	-3.8	N	3958	|	2907 6594	.
5	3562	-1.6	|	4743	|	3562 6551	.
6	4870	-5.4	|	3607	|	4870 6551	.
7	2521	-6.7	↓	3295	|	2521 6594	.
8	2513	-13.3	Y	4754	|	2513 6594	.
9	3263	-3.9	N	4176	|	3263 6551	.
10	3310	-3.6	↓	3772	↓	3310 6551	.

VS 3/27/14

[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 # 58/p23/p26

200-21336-A-1
3609
Location: Air-Storage
Bottle Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636804

Loc: 200
21336
#1
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ~~Batch~~ (X) Individual

Canister Cleaning & Pre-Shipment Leak Test						
System ID	# Cycles	Cleaning Date	Technician	Canister Size		
Oven 1+2	50	3/11/14	VS	(6L)	1L	3L

Port	Can ID	Leak Test Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3609	-29.4	-29.5	-29.3	0.2
2	~~5733~~	3233	↓	↓	↓
3	2611	↓	↓	↓	↓
4	4870	↓	-29.7	-29.4	0.3
5	~~4183~~			Re clean	
6	4716	↓	-29.7	-29.4	0.3
7	2669	↓	↓	↓	↓
8	3521	↓	↓	↓	↓
9	3263	↓	↓	↓	↓
10	3472	↓	↓	↓	↓
11	3562	↓	↓	↓	↓
12	3310	↓	↓	↓	↓

Initial Reading	Final Reading	
Gauge ID: 613	Gauge ID: 613	613
Date: 3/12/14	Date: 3/15/14	3/20/14
Time: 1220	Time: 1430	950
Tech: MC	Tech: MC	MC
BP: 29.4 ("Hg)	BP: 29.3	29.4 ("Hg)
Temp 22 (°C)	Temp: 22	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:

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: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review Date	Reviewer
3609	3/12/14	6527	VKN					✓	3/14/14	ANJ
5733	↓	↓	↓	✓					↓	↓
2611	↓	↓	↓	✓					↓	↓
4870	3/14/14	6551	VKN	✓					3/18/14	ANJ
~~4183~~	Re clean									
4716	3/14/14	6551	VKN	✓					3/18/14	ANJ
2669	↓	↓	↓	✓					↓	↓
3521	↓	↓	↓	✓					↓	↓
3263	↓	↓	↓	✓					↓	↓
3472	↓	↓	↓	✓					↓	↓
3562	↓	↓	↓	✓					↓	↓
3310	↓	↓	↓	✓					↓	↓

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:

L.L. IND's
Also limited for HP 1/SUH regular TO15 jobs



200-21336-A-2
6733
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636805

Loc: 200
21336
#2
A



200-21336-A-3
2611
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636806

Loc: 200
21336
#3
A



200-21336-A-4
4870
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636807

Loc: 200
21336
#4
A



200-21336-A-5
4183
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636808

Loc: 200
21336
#5
A



200-21336-A-6
4716
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636809

Loc: 200
21336
#6
A



200-21336-A-7
2669
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636810

Loc: 200
21336
#7
A



200-21336-A-8
3521
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636811

Loc: 200
21336
#8
A



200-21336-A-9
3263
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636812

Loc: 200
21336
#9
A



200-21336-A-10
3472
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636813

Loc: 200
21336
#10
A



200-21336-A-11
3562
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636814

Loc: 200
21336
#11
A



200-21336-A-12
3310
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/11/2014 12:00 AM 200-636815

Loc: 200
21336
#12
A

200-21419-A-1
2521
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638080

Loc: 200
21419
#1
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☐ Batch ☒ Individual

Canister Cleaning & Pre-Shipment Leak Test				
System ID	# Cycles	Cleaning Date	Technician	Canister Size
Oven 3+4	25	3/17/14	VS	(6L) 1L 3L

Port	Can ID	Leak Test Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	2521	-29.9	-30.1	-29.8	0.3
2	3533				
3	~~3519~~		Reclean		
4	2730				
5	3531				
6	3210				
7	2907				
8	2743				
9	2861				
10	2513				
11	3820				
12	2800				

Initial Reading		Final Reading	
Gauge ID:	613	Gauge ID:	613
Date:	3/18/14	Date:	3/19/14
Time:	1500	Time:	1620
Tech:	VS	Tech:	VS
BP:	29.9 ("Hg)	BP:	29.8 ("Hg)
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:

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: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review Date	Reviewer
2521	3/18/14	6594	WRD	✓					3/21/14	ANI
3533	"	"	"	✓						
~~3519~~	Reclean									
2730	3/18/14	6594	WRD	✓						
3531				✓						
3210				✓						
2907				✓						
2743				✓						
2861				✓						
2513				✓						
3820	3/19/14	6610	WRD	✓					3/21/14	ANI
2800	"	"	"	✓					"	"

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:

IND 0.01 L.L.



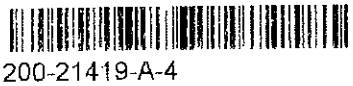
200-21419-A-2
3533
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638081

Loc: 200
21419
#2
A



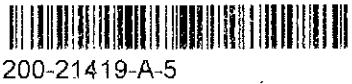
200-21419-A-3
3519
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638082

Loc: 200
21419
#3
A



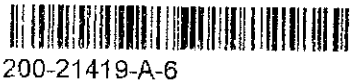
200-21419-A-4
2730
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638083

Loc: 200
21419
#4
A



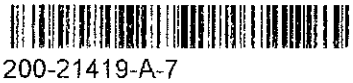
200-21419-A-5
3531
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638084

Loc: 200
21419
#5
A



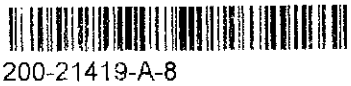
200-21419-A-6
3210
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638085

Loc: 200
21419
#6
A



200-21419-A-7
2907
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638086

Loc: 200
21419
#7
A



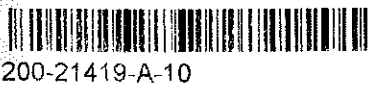
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2743
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638087

Loc: 200
21419
#8
A



200-21419-A-9
2861
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638088

Loc: 200
21419
#9
A



200-21419-A-10
2513
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638089

Loc: 200
21419
#10
A



200-21419-A-11
3820
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638090

Loc: 200
21419
#11
A



200-21419-A-12
2800
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/17/2014 12:00 AM 200-638091

Loc: 200
21419
#12
A

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6527_003.D

Lab ID: LCS 200-69418/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.258	129	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.263	131	70-130	*
Vinyl chloride	0.200	0.273	136	70-130	*
1,3-Butadiene	0.200	0.257	128	70-130	
Bromomethane	0.200	0.258	129	70-130	
Chloroethane	0.200	0.262	131	70-130	*
Bromoethene(Vinyl Bromide)	0.200	0.251	125	70-130	
Trichlorofluoromethane	0.200	0.243	121	70-130	
1,1-Dichloroethene	0.200	0.233	116	70-130	
3-Chloropropene	0.200	0.251	125	70-130	
Methylene Chloride	0.200	0.147	73	70-130	
Methyl tert-butyl ether	0.200	0.243	121	70-130	
trans-1,2-Dichloroethene	0.200	0.257	128	70-130	
n-Hexane	0.200	0.251	125	70-130	
1,1-Dichloroethane	0.200	0.253	126	70-130	
cis-1,2-Dichloroethene	0.200	0.234	117	70-130	
Chloroform	0.200	0.247	123	70-130	
1,1,1-Trichloroethane	0.200	0.226	113	70-130	
Cyclohexane	0.200	0.222	111	70-130	
Carbon tetrachloride	0.200	0.217	108	70-130	
2,2,4-Trimethylpentane	0.200	0.247	123	70-130	
Benzene	0.200	0.229	114	70-130	
1,2-Dichloroethane	0.200	0.239	119	70-130	
n-Heptane	0.200	0.237	118	70-130	
Trichloroethene	0.200	0.225	112	70-130	
1,2-Dichloropropane	0.200	0.239	119	70-130	
Bromodichloromethane	0.200	0.231	115	70-130	
cis-1,3-Dichloropropene	0.200	0.232	116	70-130	
Toluene	0.200	0.227	113	70-130	
trans-1,3-Dichloropropene	0.200	0.228	114	70-130	
1,1,2-Trichloroethane	0.200	0.233	116	70-130	
Tetrachloroethene	0.200	0.195	97	70-130	
Dibromochloromethane	0.200	0.202	101	70-130	
1,2-Dibromoethane	0.200	0.221	110	70-130	
Ethylbenzene	0.200	0.229	114	70-130	
o-Xylene	0.200	0.224	112	70-130	
Bromoform	0.200	0.165	82	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.200	100	70-130	
4-Ethyltoluene	0.200	0.214	107	70-130	
1,3,5-Trimethylbenzene	0.200	0.188	94	70-130	
m-Xylene & p-Xylene	0.401	0.460	115	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6551_003.D

Lab ID: LCS 200-69481/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.262	131	70-130	*
1,2-Dichlorotetrafluoroethane	0.200	0.272	136	70-130	*
Vinyl chloride	0.200	0.282	141	70-130	*
1,3-Butadiene	0.200	0.285	142	70-130	*
Bromomethane	0.200	0.262	131	70-130	*
Chloroethane	0.200	0.267	133	70-130	*
Bromoethene(Vinyl Bromide)	0.200	0.252	126	70-130	
Trichlorofluoromethane	0.200	0.249	124	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.200	0.240	120	70-130	
1,1-Dichloroethene	0.200	0.234	117	70-130	
3-Chloropropene	0.200	0.275	137	70-130	*
Methylene Chloride	0.200	0.152	76	70-130	
Methyl tert-butyl ether	0.200	0.248	124	70-130	
trans-1,2-Dichloroethene	0.200	0.264	131	70-130	*
n-Hexane	0.200	0.257	128	70-130	
1,1-Dichloroethane	0.200	0.266	133	70-130	*
cis-1,2-Dichloroethene	0.200	0.236	118	70-130	
Chloroform	0.200	0.253	126	70-130	
1,1,1-Trichloroethane	0.200	0.234	117	70-130	
Cyclohexane	0.200	0.221	110	70-130	
Carbon tetrachloride	0.200	0.219	109	70-130	
2,2,4-Trimethylpentane	0.200	0.253	126	70-130	
Benzene	0.200	0.239	119	70-130	
1,2-Dichloroethane	0.200	0.252	126	70-130	
n-Heptane	0.200	0.246	123	70-130	
Trichloroethene	0.200	0.229	114	70-130	
1,2-Dichloropropane	0.200	0.251	125	70-130	
Bromodichloromethane	0.200	0.234	117	70-130	
cis-1,3-Dichloropropene	0.200	0.243	121	70-130	
Toluene	0.200	0.231	115	70-130	
trans-1,3-Dichloropropene	0.200	0.227	113	70-130	
1,1,2-Trichloroethane	0.200	0.234	117	70-130	
Tetrachloroethene	0.200	0.202	101	70-130	
Dibromochloromethane	0.200	0.203	101	70-130	
1,2-Dibromoethane	0.200	0.217	108	70-130	
Ethylbenzene	0.200	0.233	116	70-130	
o-Xylene	0.200	0.222	111	70-130	
Bromoform	0.200	0.160	80	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.178	89	70-130	
4-Ethyltoluene	0.200	0.190	95	70-130	
1,3,5-Trimethylbenzene	0.200	0.165	82	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6551_003.D

Lab ID: LCS 200-69481/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.401	0.469	117	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6594_016.D

Lab ID: LCS 200-69618/16 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.184	92	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.206	103	70-130	
Vinyl chloride	0.200	0.178	89	70-130	
1,3-Butadiene	0.200	0.172	86	70-130	
Bromomethane	0.200	0.180	90	70-130	
Chloroethane	0.200	0.175	87	70-130	
Bromoethene(Vinyl Bromide)	0.200	0.179	89	70-130	
Trichlorofluoromethane	0.200	0.185	92	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.200	0.202	101	70-130	
1,1-Dichloroethene	0.200	0.191	95	70-130	
3-Chloropropene	0.200	0.174	87	70-130	
Methylene Chloride	0.200	0.199	99	70-130	
Methyl tert-butyl ether	0.200	0.196	98	70-130	
trans-1,2-Dichloroethene	0.200	0.209	104	70-130	
n-Hexane	0.200	0.204	102	70-130	
1,1-Dichloroethane	0.200	0.199	99	70-130	
cis-1,2-Dichloroethene	0.200	0.194	97	70-130	
Chloroform	0.200	0.202	101	70-130	
1,1,1-Trichloroethane	0.200	0.209	104	70-130	
Cyclohexane	0.200	0.211	105	70-130	
Carbon tetrachloride	0.200	0.209	104	70-130	
2,2,4-Trimethylpentane	0.200	0.204	102	70-130	
Benzene	0.200	0.204	102	70-130	
1,2-Dichloroethane	0.200	0.200	100	70-130	
n-Heptane	0.200	0.184	92	70-130	
Trichloroethene	0.200	0.208	104	70-130	
1,2-Dichloropropane	0.200	0.195	97	70-130	
Bromodichloromethane	0.200	0.202	101	70-130	
cis-1,3-Dichloropropene	0.200	0.201	100	70-130	
Toluene	0.200	0.206	103	70-130	
trans-1,3-Dichloropropene	0.200	0.201	100	70-130	
1,1,2-Trichloroethane	0.200	0.205	102	70-130	
Tetrachloroethene	0.200	0.212	106	70-130	
Dibromochloromethane	0.200	0.204	102	70-130	
1,2-Dibromoethane	0.200	0.219	109	70-130	
Ethylbenzene	0.200	0.206	103	70-130	
o-Xylene	0.200	0.213	106	70-130	
Bromoform	0.200	0.206	103	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.223	111	70-130	
4-Ethyltoluene	0.200	0.240	120	70-130	
1,3,5-Trimethylbenzene	0.200	0.239	119	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6594_016.D

Lab ID: LCS 200-69618/16 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.401	0.432	108	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6610_003.D

Lab ID: LCS 200-69656/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	0.200	0.222	111	70-130	
1,2-Dichlorotetrafluoroethane	0.200	0.248	124	70-130	
Vinyl chloride	0.200	0.213	106	70-130	
1,3-Butadiene	0.200	0.213	106	70-130	
Bromomethane	0.200	0.213	106	70-130	
Chloroethane	0.200	0.212	106	70-130	
Bromoethene(Vinyl Bromide)	0.200	0.214	107	70-130	
Trichlorofluoromethane	0.200	0.220	110	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.200	0.214	107	70-130	
1,1-Dichloroethene	0.200	0.202	101	70-130	
3-Chloropropene	0.200	0.201	100	70-130	
Methylene Chloride	0.200	0.235	117	70-130	
Methyl tert-butyl ether	0.200	0.220	110	70-130	
trans-1,2-Dichloroethene	0.200	0.230	115	70-130	
n-Hexane	0.200	0.230	115	70-130	
1,1-Dichloroethane	0.200	0.221	110	70-130	
cis-1,2-Dichloroethene	0.200	0.200	100	70-130	
Chloroform	0.200	0.217	108	70-130	
1,1,1-Trichloroethane	0.200	0.221	110	70-130	
Cyclohexane	0.200	0.215	107	70-130	
Carbon tetrachloride	0.200	0.217	108	70-130	
2,2,4-Trimethylpentane	0.200	0.221	110	70-130	
Benzene	0.200	0.211	105	70-130	
1,2-Dichloroethane	0.200	0.224	112	70-130	
n-Heptane	0.200	0.213	106	70-130	
Trichloroethene	0.200	0.211	105	70-130	
1,2-Dichloropropane	0.200	0.213	106	70-130	
Bromodichloromethane	0.200	0.222	111	70-130	
cis-1,3-Dichloropropene	0.200	0.216	108	70-130	
Toluene	0.200	0.211	105	70-130	
trans-1,3-Dichloropropene	0.200	0.217	108	70-130	
1,1,2-Trichloroethane	0.200	0.220	110	70-130	
Tetrachloroethene	0.200	0.208	104	70-130	
Dibromochloromethane	0.200	0.209	104	70-130	
1,2-Dibromoethane	0.200	0.224	112	70-130	
Ethylbenzene	0.200	0.216	108	70-130	
o-Xylene	0.200	0.215	107	70-130	
Bromoform	0.200	0.207	103	70-130	
1,1,2,2-Tetrachloroethane	0.200	0.242	121	70-130	
4-Ethyltoluene	0.200	0.250	124	70-130	
1,3,5-Trimethylbenzene	0.200	0.245	122	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 6610_003.D

Lab ID: LCS 200-69656/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	0.401	0.443	110	70-130	

Column to be used to flag recovery and RPD values

FORM III TO15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab File ID: 6527_004.D Lab Sample ID: MB 200-69418/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHE.i Date Analyzed: 03/12/2014 12:03

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 200-69418/3	6527_003.D	03/12/2014 11:09
3609	200-21336-1	6527_019.D	03/13/2014 01:37
5733	200-21336-2	6527_020.D	03/13/2014 02:32
2611	200-21336-3	6527_021.D	03/13/2014 03:27

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69418/4

Matrix: Air Lab File ID: 6527_004.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/12/2014 12:03

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69418/4

Matrix: Air Lab File ID: 6527_004.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/12/2014 12:03

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 12-Mar-2014 12:03:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006527-004
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 12-Mar-2014 12:29:02 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desjardinsb Date: 12-Mar-2014 12:29:02

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	3 Chloromethane	50		3.516					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.602					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.207					
	11 1,1-Dichloroethene	96		6.266					
	12 3-Chloro-1-propene	41		7.053					
	13 Methylene Chloride	49	7.347	7.341	0.006	75	13599	0.0242	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.904	9.899	0.005	78	1302872	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.744					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6944258	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	32 Dichlorobromomethane	83		12.456					
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92		13.510					
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.152					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	4789927	2.00	
	41 Chlorobenzene	112		15.521					
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.367					
	50 1,2,4-Trimethylbenzene	105		17.800					
	51 BFB								

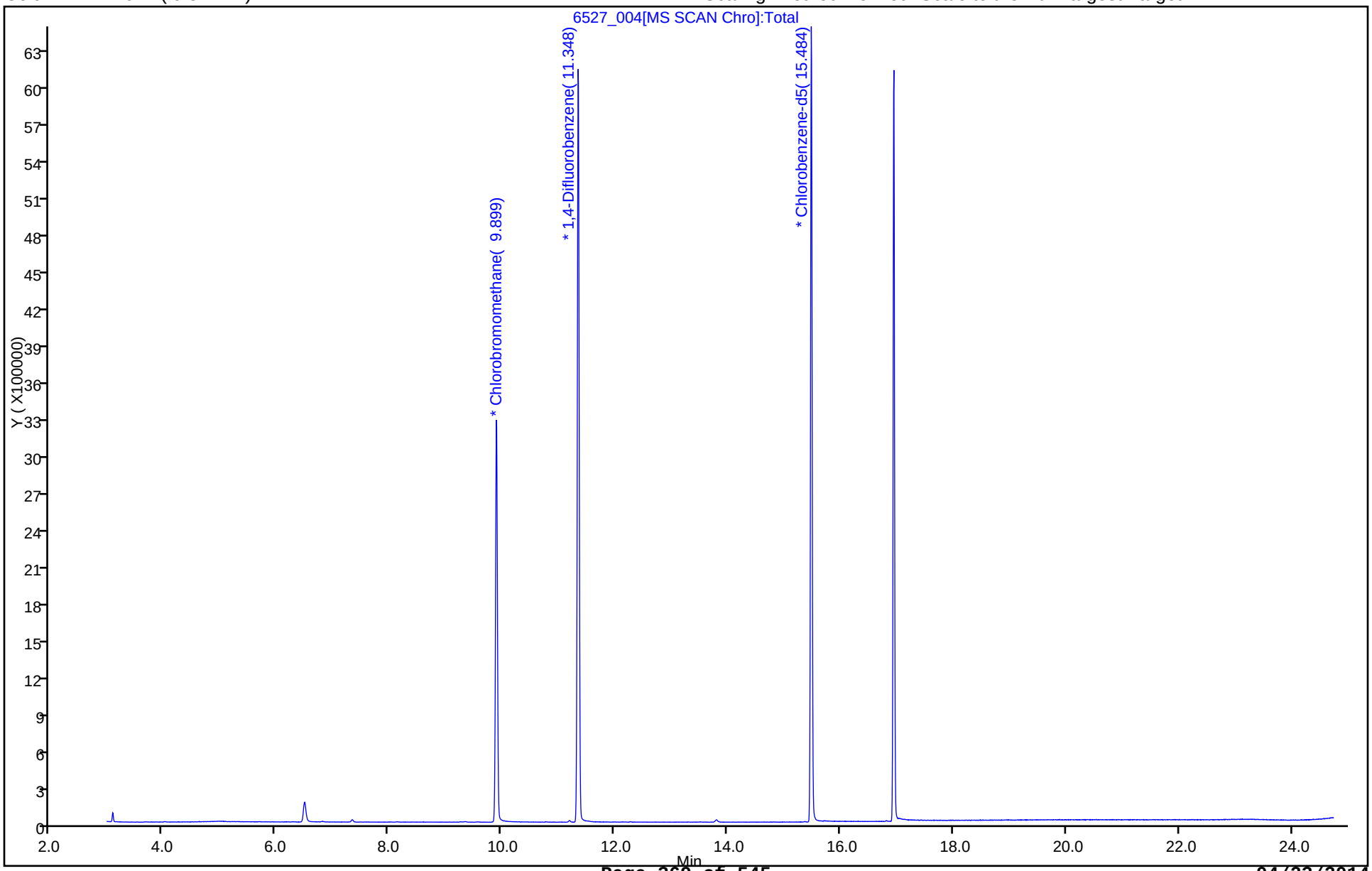
Report Date: 12-Mar-2014 12:29:03 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_004.D

Injection Date:	12-Mar-2014 12:03:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	4
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Lab File ID: 6551_005.D Lab Sample ID: MB 200-69481/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHE.i Date Analyzed: 03/14/2014 12:55

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 200-69481/3	6551_003.D	03/14/2014 11:06
4870	200-21336-4	6551_006.D	03/14/2014 14:38
4716	200-21336-6	6551_008.D	03/14/2014 16:27
2669	200-21336-7	6551_009.D	03/14/2014 17:21
3521	200-21336-8	6551_010.D	03/14/2014 18:16
3263	200-21336-9	6551_011.D	03/14/2014 19:10
3472	200-21336-10	6551_012.D	03/14/2014 20:04
3562	200-21336-11	6551_013.D	03/14/2014 20:58
3310	200-21336-12	6551_014.D	03/14/2014 21:52

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69481/5

Matrix: Air Lab File ID: 6551_005.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 12:55

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69481/5

Matrix: Air Lab File ID: 6551_005.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 12:55

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_005.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 14-Mar-2014 12:55:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-005
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 14-Mar-2014 16:10:43 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: desjardinsb Date: 14-Mar-2014 16:11:05

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	3 Chloromethane	50		3.516					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.352	7.336	0.016	76	9809	0.0181	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.904	9.899	0.005	78	1255721	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.354	11.348	0.006	93	6995347	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83		12.456					
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	5014176	2.00	
41 Chlorobenzene	112		15.521					
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					
50 1,2,4-Trimethylbenzene	105		17.800					
51 BFB								

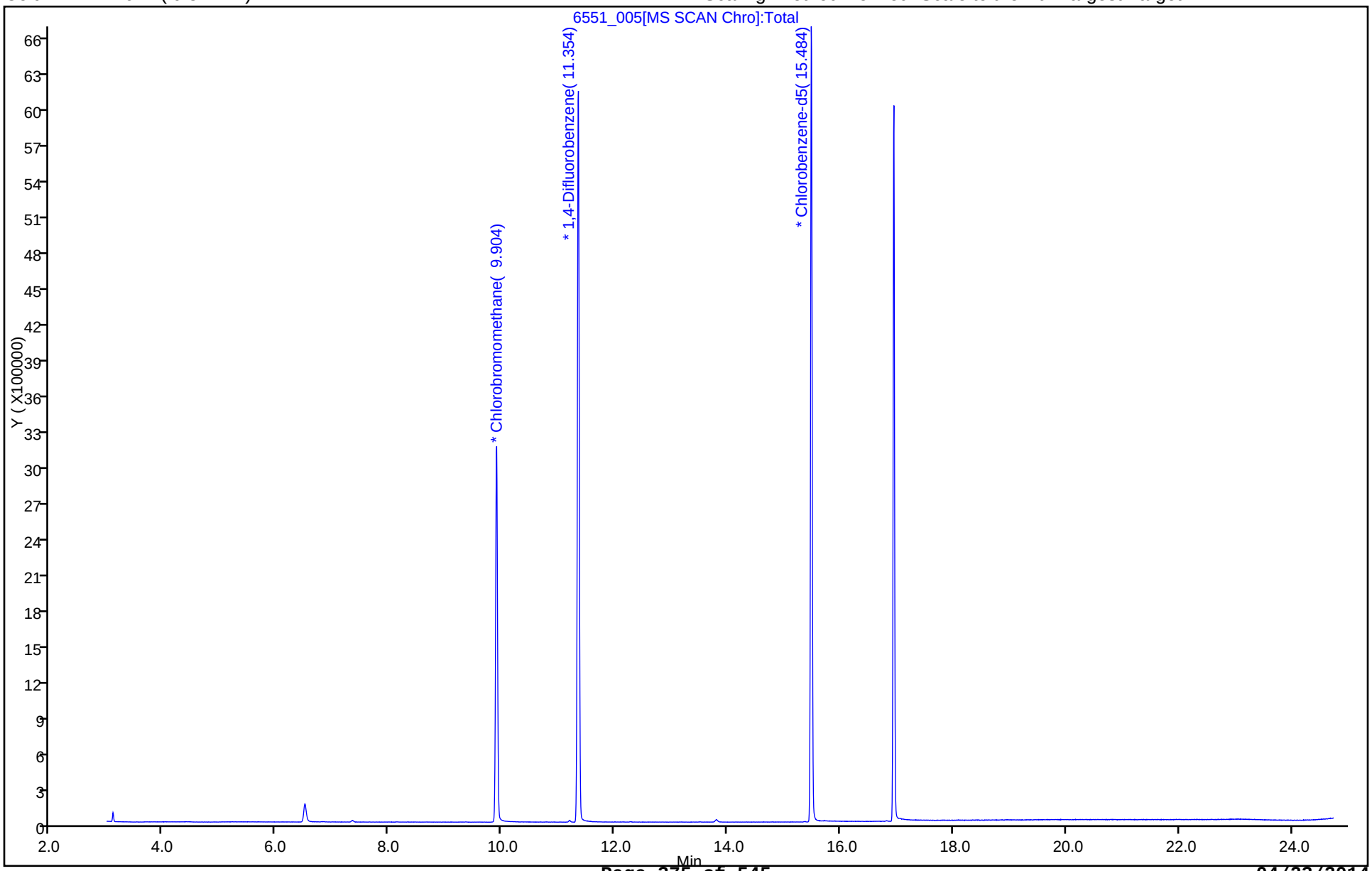
Report Date: 14-Mar-2014 16:11:05 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_005.D

Injection Date:	14-Mar-2014 12:55:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Lab File ID: 6594_017.D Lab Sample ID: MB 200-69618/17

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHE.i Date Analyzed: 03/19/2014 02:23

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 200-69618/16	6594_016.D	03/19/2014 01:29
2521	200-21419-1	6594_018.D	03/19/2014 03:17
3533	200-21419-2	6594_019.D	03/19/2014 04:11
2730	200-21419-4	6594_021.D	03/19/2014 05:59
3531	200-21419-5	6594_022.D	03/19/2014 06:55
3210	200-21419-6	6594_023.D	03/19/2014 07:49
2907	200-21419-7	6594_024.D	03/19/2014 08:44
2743	200-21419-8	6594_025.D	03/19/2014 09:39
2861	200-21419-9	6594_026.D	03/19/2014 10:33
2513	200-21419-10	6594_027.D	03/19/2014 11:27

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69618/17

Matrix: Air Lab File ID: 6594_017.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69618/17

Matrix: Air Lab File ID: 6594_017.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_017.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Mar-2014 02:23:30 ALS Bottle#: 5 Worklist Smp#: 17
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-017
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:47:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85		3.163					
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
3 Chloromethane	50		3.517					
4 Vinyl chloride	62		3.731					
5 Butadiene	54		3.795					
6 Bromomethane	94		4.399					
7 Chloroethane	64		4.603					
8 Vinyl bromide	106		4.977					
9 Trichlorofluoromethane	101		5.073					
10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
11 1,1-Dichloroethene	96		6.256					
12 3-Chloro-1-propene	41		7.047					
13 Methylene Chloride	49	7.342	7.336	0.006	82	9038	0.0230	
14 Methyl tert-butyl ether	73		7.732					
15 trans-1,2-Dichloroethene	61		7.775					
16 Hexane	57		8.133					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.899	9.899	0.0	75	1281335	2.00	
21 Chloroform	83		9.990					
22 1,1,1-Trichloroethane	97		10.230					
23 Cyclohexane	84		10.241					
24 Carbon tetrachloride	117		10.439					
25 Isooctane	57		10.739					
26 Benzene	78		10.776					
27 1,2-Dichloroethane	62		10.888					
28 n-Heptane	43		11.011					
* 29 1,4-Difluorobenzene	114	11.349	11.349	0.0	92	7186132	2.00	
30 Trichloroethene	95		11.712					
31 1,2-Dichloropropane	63		12.081					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83		12.456					
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	5035140	2.00	
41 Chlorobenzene	112		15.527					
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.362					
50 1,2,4-Trimethylbenzene	105		17.800					
51 BFB								

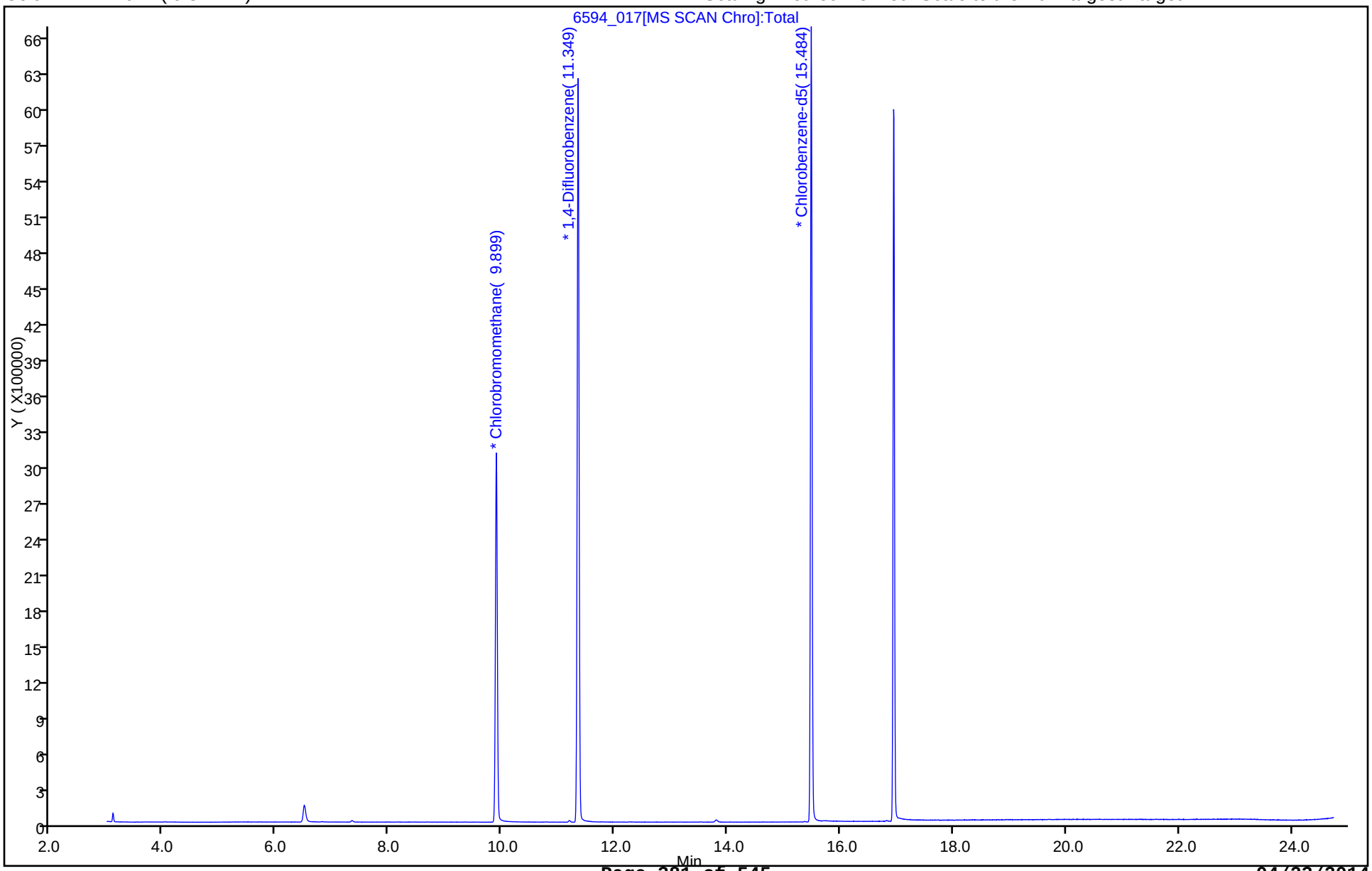
Report Date: 20-Mar-2014 16:49:29 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_017.D

Injection Date:	19-Mar-2014 02:23:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	MB			Worklist Smp#:	17
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Lab File ID: 6610_005.D Lab Sample ID: MB 200-69656/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHE.i Date Analyzed: 03/19/2014 15:51

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 200-69656/3	6610_003.D	03/19/2014 14:02
3820	200-21419-11	6610_006.D	03/19/2014 16:46
2800	200-21419-12	6610_007.D	03/19/2014 17:41

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69656/5

Matrix: Air Lab File ID: 6610_005.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 15:51

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.: 69656 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-69656/5

Matrix: Air Lab File ID: 6610_005.D

Analysis Method: TO15 LL Date Collected:

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 15:51

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.: 69656 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\6610_005.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 19-Mar-2014 15:51:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006610-005
Misc. Info.: mb
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 19-Mar-2014 16:41:49 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: desjardinsb Date: 19-Mar-2014 16:41:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85		3.163					
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
3 Chloromethane	50	3.522	3.516	0.006	38	1775	0.0176	
4 Vinyl chloride	62		3.730					
5 Butadiene	54		3.795					
6 Bromomethane	94		4.399					
7 Chloroethane	64		4.597					
8 Vinyl bromide	106		4.972					
9 Trichlorofluoromethane	101		5.073					
10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
11 1,1-Dichloroethene	96		6.261					
12 3-Chloro-1-propene	41		7.047					
13 Methylene Chloride	49	7.331	7.336	-0.005	73	9185	0.0282	
14 Methyl tert-butyl ether	73		7.732					
15 trans-1,2-Dichloroethene	61		7.775					
16 Hexane	57		8.139					
17 1,1-Dichloroethane	63		8.561					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.899	9.899	0.0	79	1063001	2.00	
21 Chloroform	83		9.984					
22 1,1,1-Trichloroethane	97		10.230					
23 Cyclohexane	84		10.230					
24 Carbon tetrachloride	117		10.439					
25 Isooctane	57		10.739					
26 Benzene	78		10.776					
27 1,2-Dichloroethane	62		10.888					
28 n-Heptane	43		11.006					
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6029836	2.00	
30 Trichloroethene	95		11.707					
31 1,2-Dichloropropane	63		12.081					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
32 Dichlorobromomethane	83		12.456					
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.884					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.708					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	4440482	2.00	
41 Chlorobenzene	112		15.521					
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.292					
49 1,3,5-Trimethylbenzene	105		17.361					
50 1,2,4-Trimethylbenzene	105		17.800					
51 BFB								

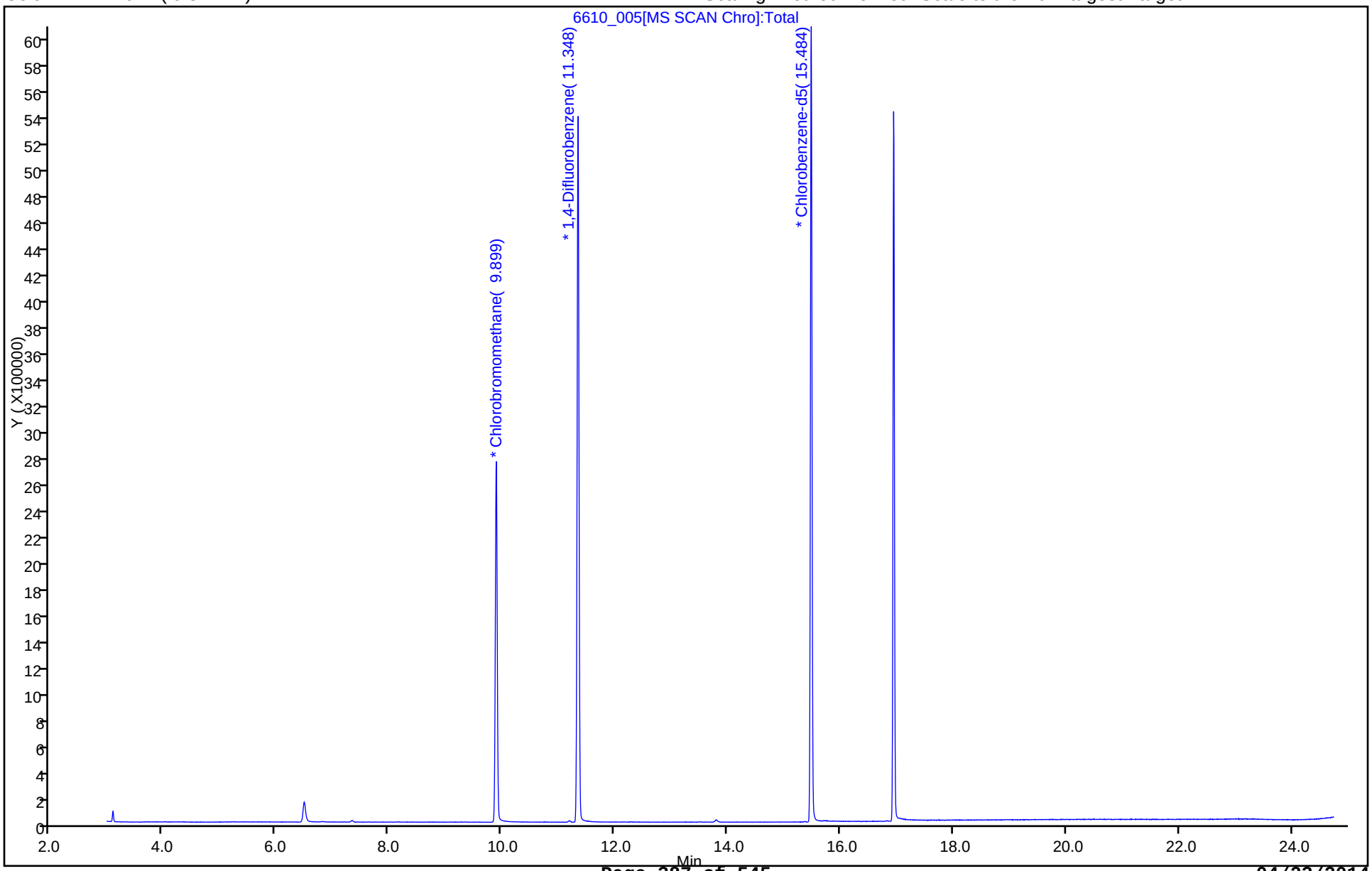
Report Date: 19-Mar-2014 16:41:49 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\6610_005.D

Injection Date:	19-Mar-2014 15:51:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	mb			Worklist Smp#:	5
Client ID:					
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Lab File ID: egb001.D BFB Injection Date: 01/07/2014

Instrument ID: CHE.i BFB Injection Time: 15:31

Analysis Batch No.: 66895

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.4	
75	30.0 - 66.0% of mass 95	40.4	
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	85.6	
175	4.0 - 9.0 % of mass 174	6.0	(7.0)1
176	93.0 - 101.0% of mass 174	82.4	(96.2)1
177	5.0 - 9.0% of mass 176	5.5	(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
	IC 200-66895/3	egb003.D	01/07/2014	17:39
	IC 200-66895/4	egb004.D	01/07/2014	18:34
	IC 200-66895/5	egb005.D	01/07/2014	19:29
	IC 200-66895/6	egb006.D	01/07/2014	20:23
	ICIS 200-66895/7	egb007.D	01/07/2014	21:18
	IC 200-66895/8	egb008.D	01/07/2014	22:12
	IC 200-66895/9	egb009.D	01/07/2014	23:06
	IC 200-66895/10	egb010.D	01/08/2014	00:00
	IC 200-66895/11	egb011.D	01/08/2014	00:54
	IC 200-66895/12	egb012.D	01/08/2014	01:48
	ICV 200-66895/15	egb015.D	01/08/2014	04:31

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab File ID: egb001a.D BFB Injection Date: 01/07/2014

Instrument ID: CHE.i BFB Injection Time: 15:31

Analysis Batch No.: 69198

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.4	
75	30.0 - 66.0% of mass 95	40.4	
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	85.6	
175	4.0 - 9.0 % of mass 174	6.0	(7.0)1
176	93.0 - 101.0% of mass 174	82.4	(96.2)1
177	5.0 - 9.0% of mass 176	5.5	(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
	IC 200-69198/3	egb003a.D	01/07/2014	17:39
	IC 200-69198/4	egb004a.D	01/07/2014	18:34
	IC 200-69198/5	egb005a.D	01/07/2014	19:29
	IC 200-69198/6	egb006a.D	01/07/2014	20:23
	ICIS 200-69198/7	egb007a.D	01/07/2014	21:18
	IC 200-69198/8	egb008a.D	01/07/2014	22:12
	IC 200-69198/9	egb009a.D	01/07/2014	23:06
	IC 200-69198/10	egb010a.D	01/08/2014	00:00
	IC 200-69198/11	egb011a.D	01/08/2014	00:54
	IC 200-69198/12	egb012a.D	01/08/2014	01:48

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab File ID: 6527_001.D BFB Injection Date: 03/12/2014

Instrument ID: CHE.i BFB Injection Time: 09:27

Analysis Batch No.: 69418

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	12.7	
75	30.0 - 66.0% of mass 95	40.8	
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	(0.5)1
174	50.0 - 120.0% of mass 95	73.7	
175	4.0 - 9.0 % of mass 174	5.2	(7.1)1
176	93.0 - 101.0% of mass 174	70.5	(95.7)1
177	5.0 - 9.0% of mass 176	4.7	(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 200-69418/2	6527_002.D	03/12/2014	10:14
	LCS 200-69418/3	6527_003.D	03/12/2014	11:09
	MB 200-69418/4	6527_004.D	03/12/2014	12:03
3609	200-21336-1	6527_019.D	03/13/2014	01:37
5733	200-21336-2	6527_020.D	03/13/2014	02:32
2611	200-21336-3	6527_021.D	03/13/2014	03:27

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab File ID: 6551_001.D BFB Injection Date: 03/14/2014

Instrument ID: CHE.i BFB Injection Time: 09:22

Analysis Batch No.: 69481

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	41.4	
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	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	74.0	
175	4.0 - 9.0 % of mass 174	5.1	(6.9)1
176	93.0 - 101.0% of mass 174	70.3	(95.0)1
177	5.0 - 9.0% of mass 176	4.6	(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 200-69481/2	6551_002.D	03/14/2014	10:12
	LCS 200-69481/3	6551_003.D	03/14/2014	11:06
	MB 200-69481/5	6551_005.D	03/14/2014	12:55
4870	200-21336-4	6551_006.D	03/14/2014	14:38
4716	200-21336-6	6551_008.D	03/14/2014	16:27
2669	200-21336-7	6551_009.D	03/14/2014	17:21
3521	200-21336-8	6551_010.D	03/14/2014	18:16
3263	200-21336-9	6551_011.D	03/14/2014	19:10
3472	200-21336-10	6551_012.D	03/14/2014	20:04
3562	200-21336-11	6551_013.D	03/14/2014	20:58
3310	200-21336-12	6551_014.D	03/14/2014	21:52

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Lab File ID: 6594_001.D BFB Injection Date: 03/18/2014

Instrument ID: CHE.i BFB Injection Time: 11:57

Analysis Batch No.: 69618

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.5	
75	30.0 - 66.0% of mass 95	41.4	
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	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	72.8	
175	4.0 - 9.0 % of mass 174	5.1	(7.1)1
176	93.0 - 101.0% of mass 174	70.0	(96.2)1
177	5.0 - 9.0% of mass 176	4.6	(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
	IC 200-69618/4	6594_004.D	03/18/2014	14:38
	IC 200-69618/5	6594_005.D	03/18/2014	15:32
	IC 200-69618/6	6594_006.D	03/18/2014	16:27
	ICIS 200-69618/7	6594_007.D	03/18/2014	17:22
	IC 200-69618/8	6594_008.D	03/18/2014	18:16
	IC 200-69618/9	6594_009.D	03/18/2014	19:10
	IC 200-69618/10	6594_010.D	03/18/2014	20:04
	IC 200-69618/11	6594_011.D	03/18/2014	20:59
	IC 200-69618/12	6594_012.D	03/18/2014	21:53
	ICV 200-69618/15	6594_015.D	03/19/2014	00:36
	LCS 200-69618/16	6594_016.D	03/19/2014	01:29
	MB 200-69618/17	6594_017.D	03/19/2014	02:23
2521	200-21419-1	6594_018.D	03/19/2014	03:17
3533	200-21419-2	6594_019.D	03/19/2014	04:11
2730	200-21419-4	6594_021.D	03/19/2014	05:59
3531	200-21419-5	6594_022.D	03/19/2014	06:55
3210	200-21419-6	6594_023.D	03/19/2014	07:49
2907	200-21419-7	6594_024.D	03/19/2014	08:44
2743	200-21419-8	6594_025.D	03/19/2014	09:39
2861	200-21419-9	6594_026.D	03/19/2014	10:33
2513	200-21419-10	6594_027.D	03/19/2014	11:27

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Lab File ID: 6610_001.D BFB Injection Date: 03/19/2014

Instrument ID: CHE.i BFB Injection Time: 12:20

Analysis Batch No.: 69656

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.4	
75	30.0 - 66.0% of mass 95	42.6	
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	(0.5)1
174	50.0 - 120.0% of mass 95	73.7	
175	4.0 - 9.0 % of mass 174	5.1	(7.0)1
176	93.0 - 101.0% of mass 174	70.5	(95.8)1
177	5.0 - 9.0% of mass 176	4.6	(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 200-69656/2	6610_002.D	03/19/2014	13:08
	LCS 200-69656/3	6610_003.D	03/19/2014	14:02
	MB 200-69656/5	6610_005.D	03/19/2014	15:51
3820	200-21419-11	6610_006.D	03/19/2014	16:46
2800	200-21419-12	6610_007.D	03/19/2014	17:41

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Sample No.: ICIS 200-66895/7 Date Analyzed: 01/07/2014 21:18

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): egb007.D Heated Purge: (Y/N) N

Calibration ID: 24985

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1304771	9.90	6479564	11.35	6035541	15.49
UPPER LIMIT		1826679	10.23	9071390	11.68	8449757	15.82
LOWER LIMIT		782863	9.57	3887738	11.02	3621325	15.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-66895/15		1550517	9.90	7622470	11.35	6919827	15.49

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 TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Sample No.: CCVIS 200-69418/2 Date Analyzed: 03/12/2014 10:14

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6527_002.D Heated Purge: (Y/N) N

Calibration ID: 24985

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1362196	9.90	7051478	11.35	6439992	15.48
UPPER LIMIT		1907074	10.23	9872069	11.68	9015989	15.81
LOWER LIMIT		817318	9.57	4230887	11.02	3863995	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-69418/3		1405824	9.90	7365580	11.35	6653811	15.48
MB 200-69418/4		1302872	9.90	6944258	11.35	4789927	15.48
200-21336-1	3609	1321907	9.90	6899486	11.35	6028459	15.48
200-21336-2	5733	1214663	9.90	6262020	11.35	5687400	15.48
200-21336-3	2611	1127148	9.90	5671118	11.35	5052157	15.48

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Sample No.: CCVIS 200-69481/2 Date Analyzed: 03/14/2014 10:12

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6551_002.D Heated Purge: (Y/N) N

Calibration ID: 24985

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1376218	9.90	7163233	11.35	6560151	15.48
UPPER LIMIT		1926705	10.23	10028526	11.68	9184211	15.81
LOWER LIMIT		825731	9.57	4297940	11.02	3936091	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-69481/3		1385471	9.90	7288701	11.35	6621776	15.48
MB 200-69481/5		1255721	9.90	6995347	11.35	5014176	15.48
200-21336-4	4870	1186127	9.90	6273440	11.35	4607381	15.48
200-21336-6	4716	1326608	9.90	6956248	11.35	6160380	15.48
200-21336-7	2669	1359678	9.90	7097310	11.35	6380456	15.48
200-21336-8	3521	1354130	9.90	7059013	11.35	6319770	15.48
200-21336-9	3263	1318893	9.90	6792861	11.35	6022155	15.48
200-21336-10	3472	1322995	9.90	6924412	11.35	6185014	15.48
200-21336-11	3562	1320275	9.90	6857605	11.35	6154438	15.48
200-21336-12	3310	1185571	9.90	6070491	11.35	5482510	15.48

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Sample No.: ICIS 200-69618/7 Date Analyzed: 03/18/2014 17:22

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6594_007.D Heated Purge: (Y/N) N

Calibration ID: 25987

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1380329	9.90	7074105	11.35	6512724	15.48
UPPER LIMIT		1932461	10.23	9903747	11.68	9117814	15.81
LOWER LIMIT		828197	9.57	4244463	11.02	3907634	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-69618/15		1574551	9.90	8134483	11.35	7341118	15.48
LCS 200-69618/16		1391515	9.90	6972760	11.35	6343225	15.48
MB 200-69618/17		1281335	9.90	7186132	11.35	5035140	15.48
200-21419-1	2521	1276602	9.90	6522895	11.35	5848797	15.48
200-21419-2	3533	1443485	9.90	7598537	11.35	6794760	15.48
200-21419-4	2730	1303418	9.90	6739505	11.35	6314116	15.48
200-21419-5	3531	1375581	9.90	7236030	11.35	6458679	15.48
200-21419-6	3210	1347056	9.90	6994198	11.35	6184824	15.48
200-21419-7	2907	1234411	9.91	6421470	11.35	5941929	15.48
200-21419-8	2743	1289344	9.90	6676290	11.35	6131368	15.48
200-21419-9	2861	1241222	9.90	6476171	11.35	5919039	15.48
200-21419-10	2513	1297365	9.90	6801682	11.35	6066391	15.48

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 TO15 LL

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Sample No.: CCVIS 200-69656/2 Date Analyzed: 03/19/2014 13:08

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 6610_002.D Heated Purge: (Y/N) N

Calibration ID: 25987

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1258476	9.90	6475268	11.35	5992061	15.48
UPPER LIMIT		1761866	10.23	9065375	11.68	8388885	15.81
LOWER LIMIT		755086	9.57	3885161	11.02	3595237	15.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-69656/3		1226971	9.90	6207838	11.35	5630731	15.48
MB 200-69656/5		1063001	9.90	6029836	11.35	4440482	15.48
200-21419-11	3820	1166893	9.89	5862250	11.35	5283861	15.48
200-21419-12	2800	1330546	9.90	6972622	11.35	6256505	15.48

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO15 LL

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3609 Lab Sample ID: 200-21336-1

Matrix: Air Lab File ID: 6527_019.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/13/2014 01:37

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.024		0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3609 Lab Sample ID: 200-21336-1

Matrix: Air Lab File ID: 6527_019.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/13/2014 01:37

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_019.D
Lims ID: 200-21336-A-1 Lab Sample ID: 200-21336-1
Client ID: 3609
Sample Type: Client
Inject. Date: 13-Mar-2014 01:37:30 ALS Bottle#: 4 Worklist Smp#: 19
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006527-019
Misc. Info.: 21336-1
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 14-Mar-2014 14:58:09 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK014

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.602					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.207					
	11 1,1-Dichloroethene	96		6.266					
	12 3-Chloro-1-propene	41		7.053					
	13 Methylene Chloride	49	7.336	7.341	-0.005	68	10679	0.0187	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	80	1321907	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.744					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6899486	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					
	33 cis-1,3-Dichloropropene	75		13.087					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
34 Toluene	92	13.510	13.510	0.0	89	17964	0.0240	
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.152					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6028459	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

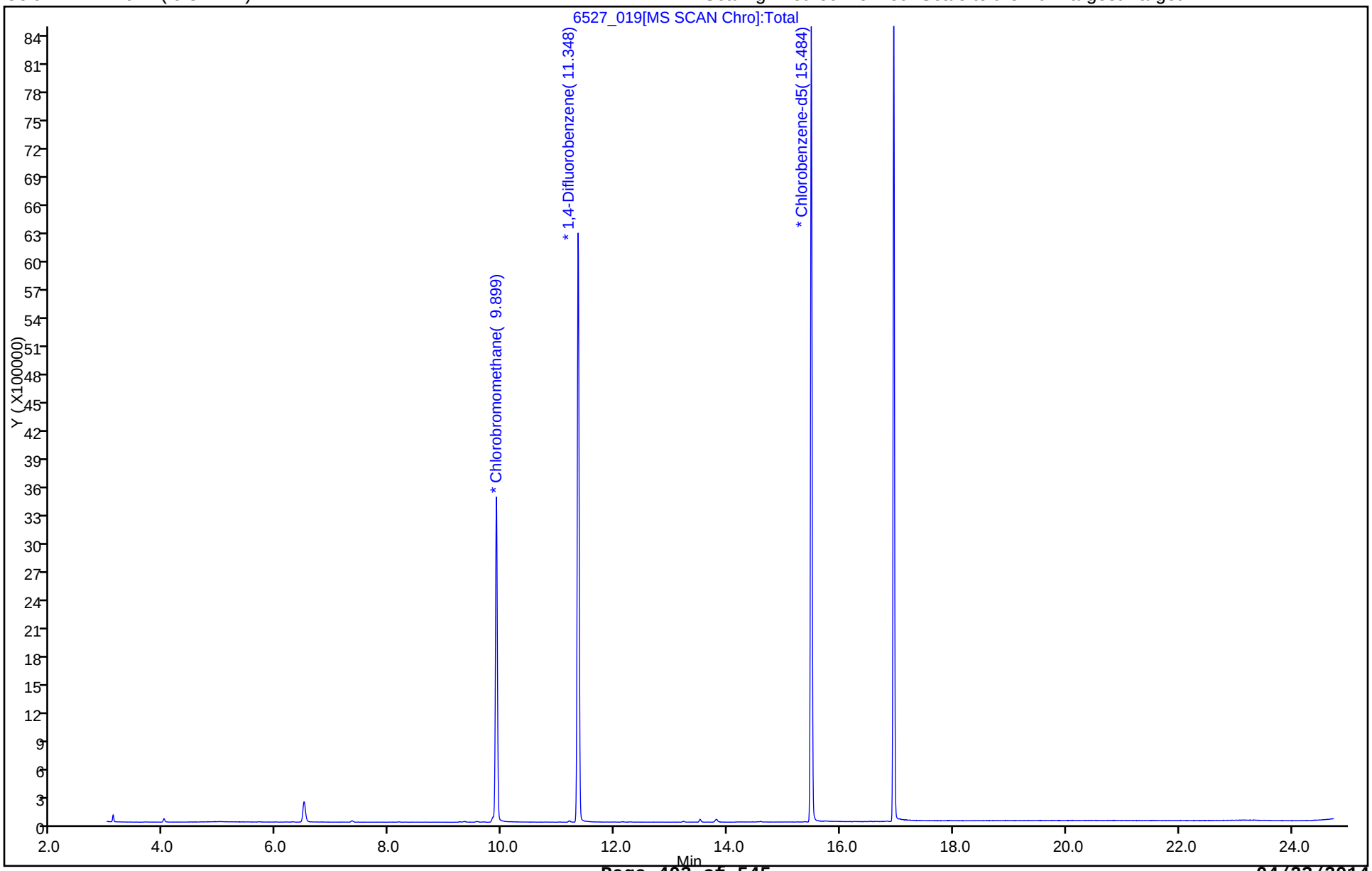
Report Date: 14-Mar-2014 14:59:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_019.D

Injection Date:	13-Mar-2014 01:37:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-1	Lab Sample ID:	200-21336-1	Worklist Smp#:	19
Client ID:	3609				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



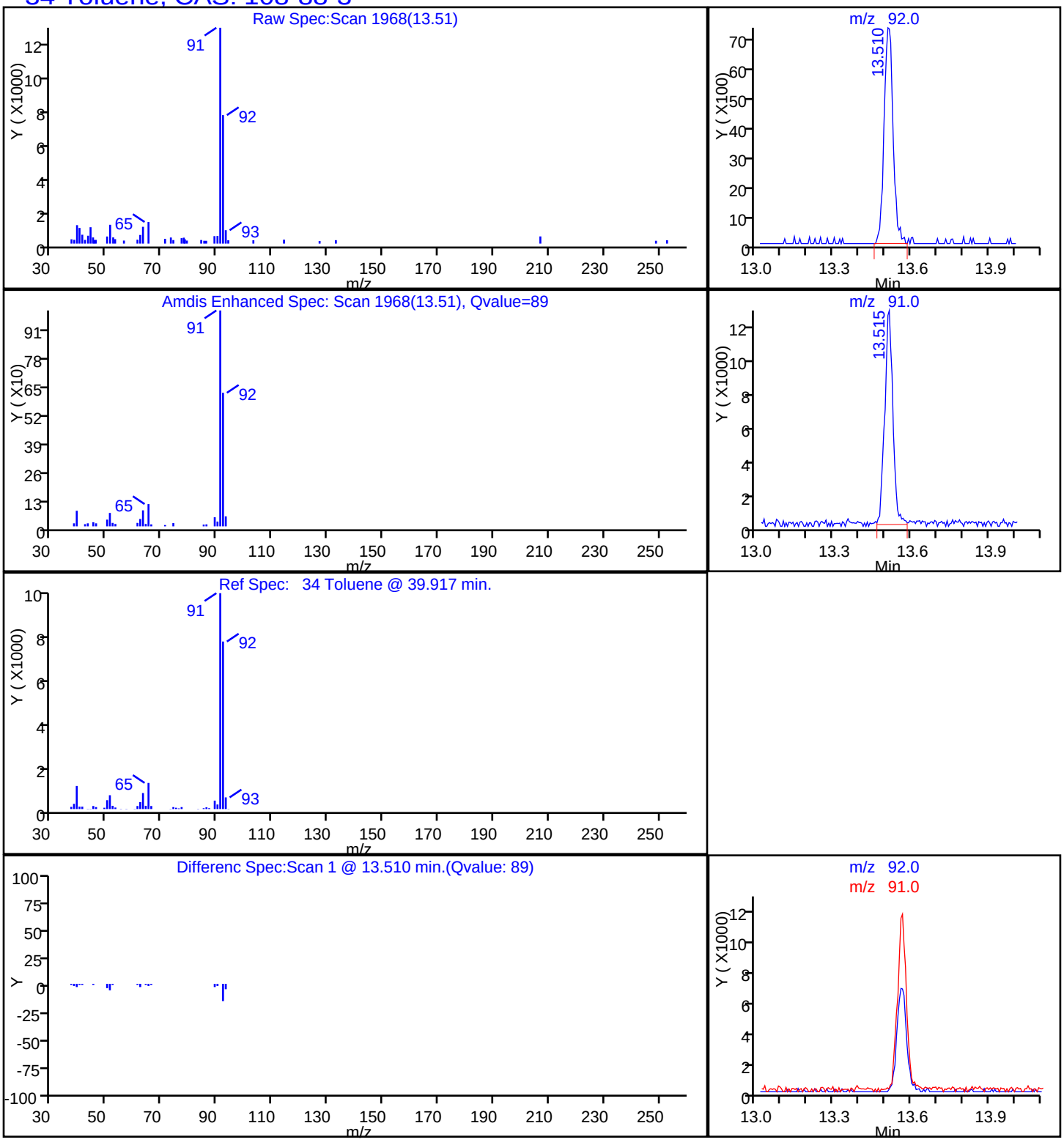
Report Date: 14-Mar-2014 14:59:21 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_019.D

Injection Date:	13-Mar-2014 01:37:30	Instrument ID:	CHE.i		
Lims ID:	200-21336-A-1	Lab Sample ID:	200-21336-1		
Client ID:	3609				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	19
Purge Vol:	500.000 mL	Dil. Factor:	1.0000		
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

34 Toluene, CAS: 108-88-3



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 5733 Lab Sample ID: 200-21336-2

Matrix: Air Lab File ID: 6527_020.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/13/2014 02:32

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 5733 Lab Sample ID: 200-21336-2

Matrix: Air Lab File ID: 6527_020.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/13/2014 02:32

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_020.D
Lims ID: 200-21336-A-2 Lab Sample ID: 200-21336-2
Client ID: 5733
Sample Type: Client
Inject. Date: 13-Mar-2014 02:32:30 ALS Bottle#: 5 Worklist Smp#: 20
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006527-020
Misc. Info.: 21336-2
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 14-Mar-2014 14:58:08 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK014

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.602					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.207					
	11 1,1-Dichloroethene	96		6.266					
	12 3-Chloro-1-propene	41		7.053					
	13 Methylene Chloride	49	7.341	7.341	0.0	70	10225	0.0195	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	80	1214663	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.744					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6262020	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					
	33 cis-1,3-Dichloropropene	75		13.087					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
34 Toluene	92	13.520	13.510	0.010	77	5122	0.007239	
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.152					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	5687400	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

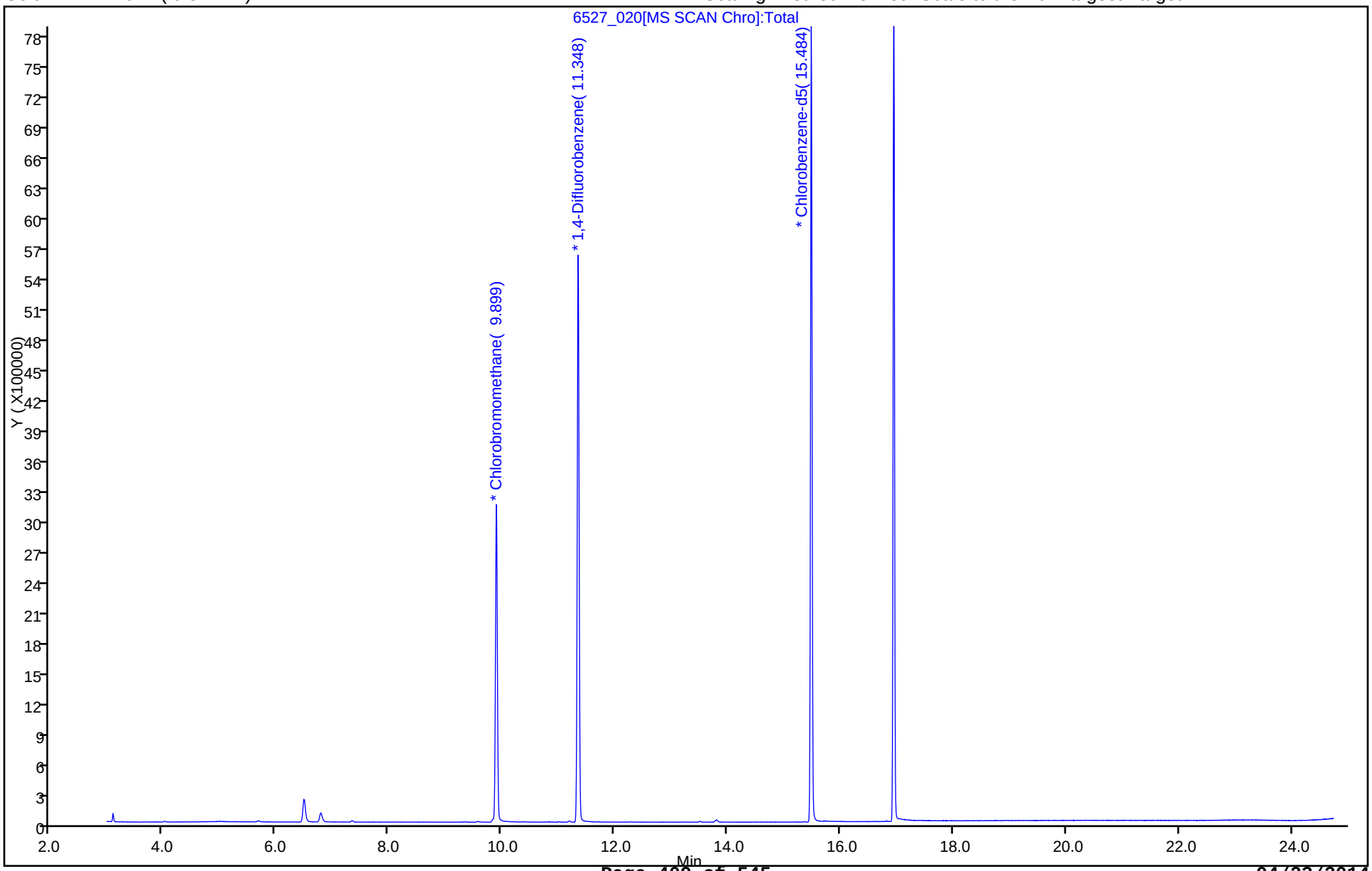
Report Date: 14-Mar-2014 14:58:08 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_020.D

Injection Date:	13-Mar-2014 02:32:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-2	Lab Sample ID:	200-21336-2	Worklist Smp#:	20
Client ID:	5733				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 2611 Lab Sample ID: 200-21336-3

Matrix: Air Lab File ID: 6527_021.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/13/2014 03:27

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 2611 Lab Sample ID: 200-21336-3

Matrix: Air Lab File ID: 6527_021.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/13/2014 03:27

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.: 69418 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_021.D
Lims ID: 200-21336-A-3 Lab Sample ID: 200-21336-3
Client ID: 2611
Sample Type: Client
Inject. Date: 13-Mar-2014 03:27:30 ALS Bottle#: 6 Worklist Smp#: 21
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006527-021
Misc. Info.: 21336-3
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 14-Mar-2014 14:58:09 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK014

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.602					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.207					
	11 1,1-Dichloroethene	96		6.266					
	12 3-Chloro-1-propene	41		7.053					
	13 Methylene Chloride	49	7.342	7.341	0.001	69	9821	0.0202	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	81	1127148	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.744					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	5671118	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					
	33 cis-1,3-Dichloropropene	75		13.087					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
34 Toluene	92	13.510	13.510	0.0	63	3486	0.005546	
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.152					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	5052157	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

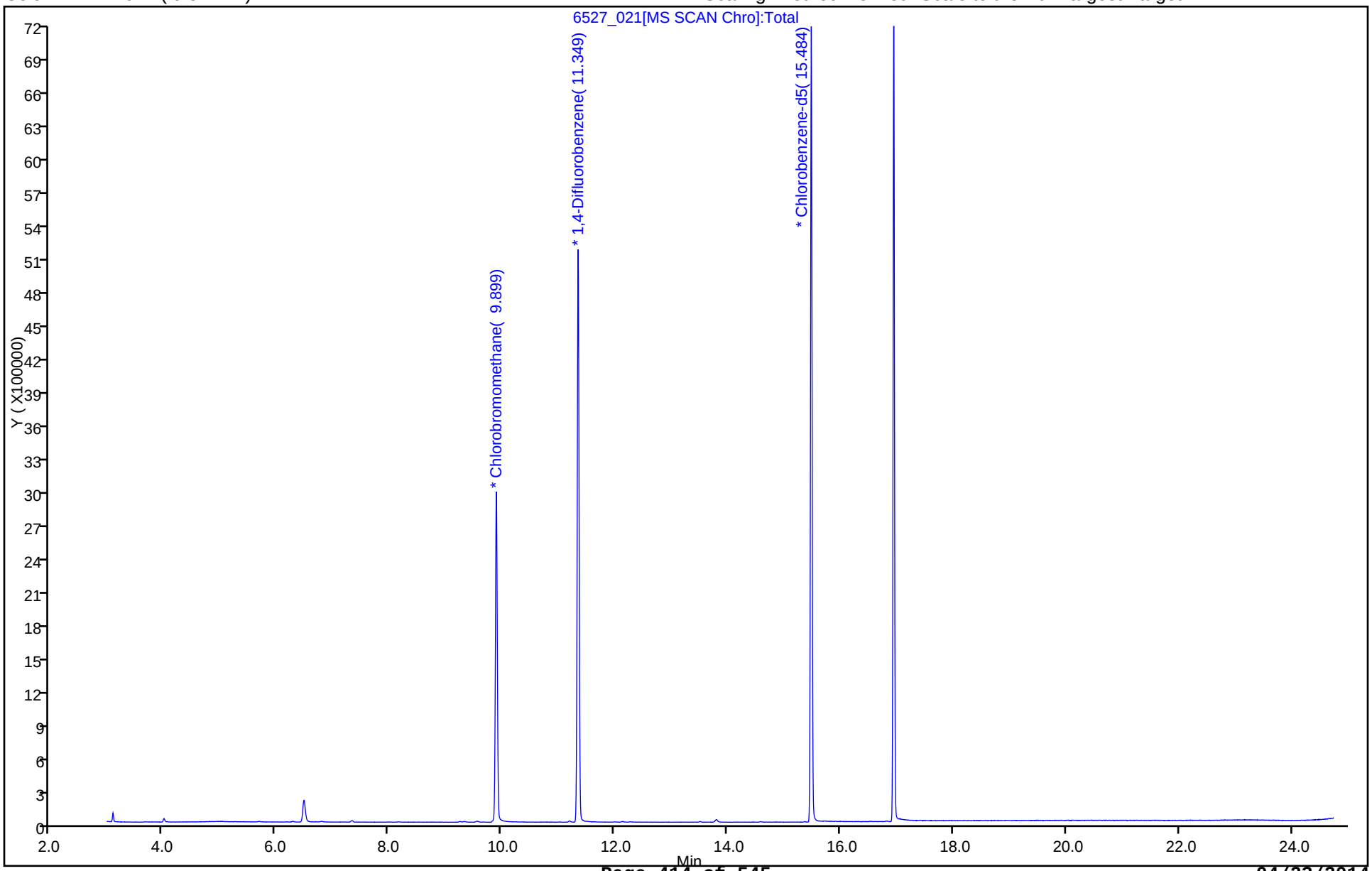
Report Date: 14-Mar-2014 14:58:09 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140312-6527.b\6527_021.D

Injection Date:	13-Mar-2014 03:27:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-3	Lab Sample ID:	200-21336-3	Worklist Smp#:	21
Client ID:	2611				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 4870 Lab Sample ID: 200-21336-4

Matrix: Air Lab File ID: 6551_006.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 4870 Lab Sample ID: 200-21336-4

Matrix: Air Lab File ID: 6551_006.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_006.D
Lims ID: 200-21336-A-4 Lab Sample ID: 200-21336-4
Client ID: 4870
Sample Type: Client
Inject. Date: 14-Mar-2014 14:38:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-006
Misc. Info.: 21336-4
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 14-Mar-2014 16:10:43 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: desjardinsb Date: 14-Mar-2014 16:10:43

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.342	7.336	0.006	76	11347	0.0222	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	83	1186127	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	6273440	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	4607381	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

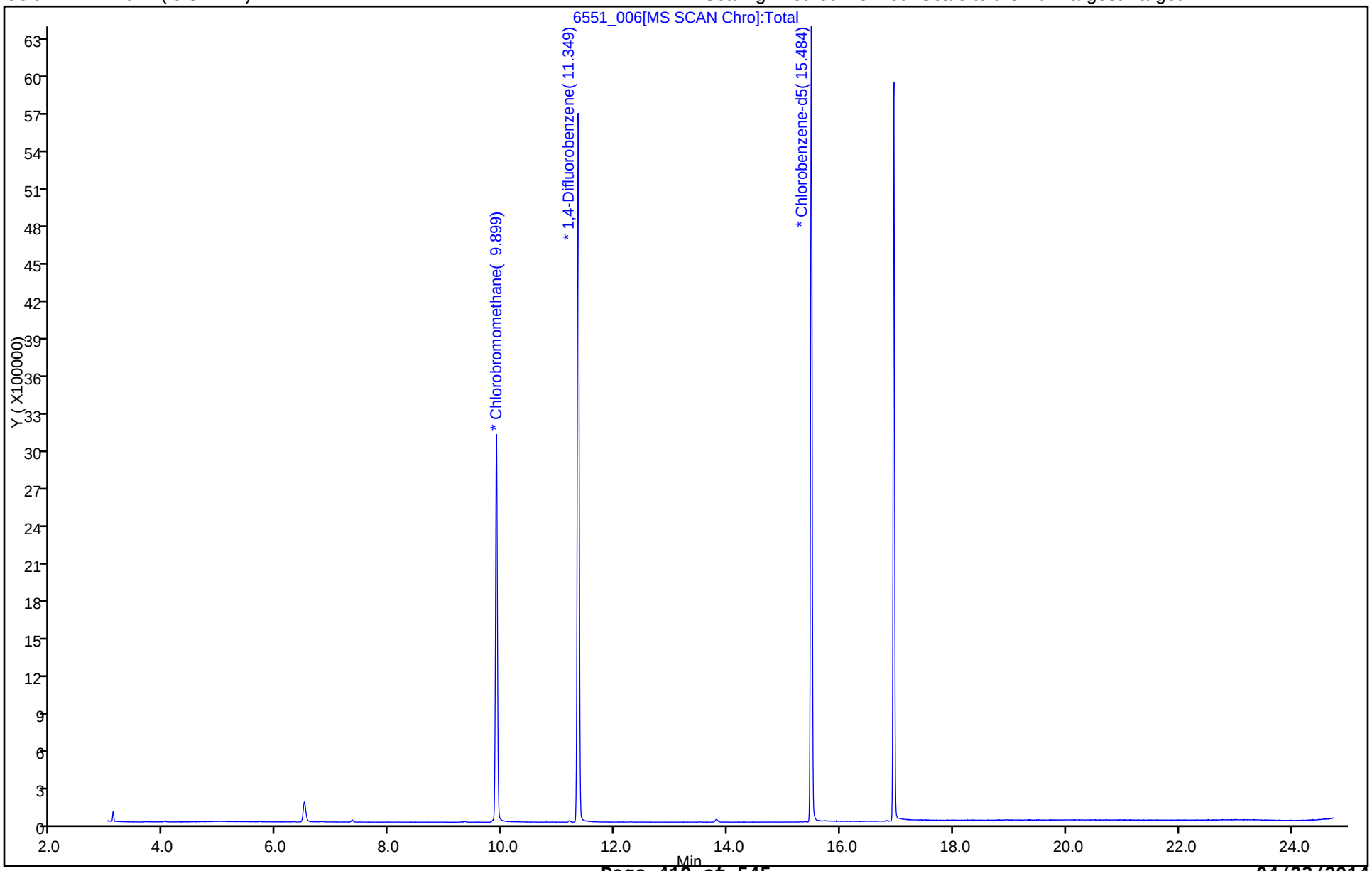
Report Date: 14-Mar-2014 16:10:43 Chrom Revision: 2.2 28-Feb-2014 15:12:04

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_006.D

Injection Date:	14-Mar-2014 14:38:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-4	Lab Sample ID:	200-21336-4	Worklist Smp#:	6
Client ID:	4870				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 4716 Lab Sample ID: 200-21336-6

Matrix: Air Lab File ID: 6551_008.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 16:27

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 4716 Lab Sample ID: 200-21336-6

Matrix: Air Lab File ID: 6551_008.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 16:27

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_008.D
Lims ID: 200-21336-A-6 Lab Sample ID: 200-21336-6
Client ID: 4716
Sample Type: Client
Inject. Date: 14-Mar-2014 16:27:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-008
Misc. Info.: 21336-6
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:05:19 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:05:18

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.342	7.336	0.006	77	10734	0.0188	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.904	9.899	0.005	79	1326608	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.354	11.348	0.006	93	6956248	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6160380	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

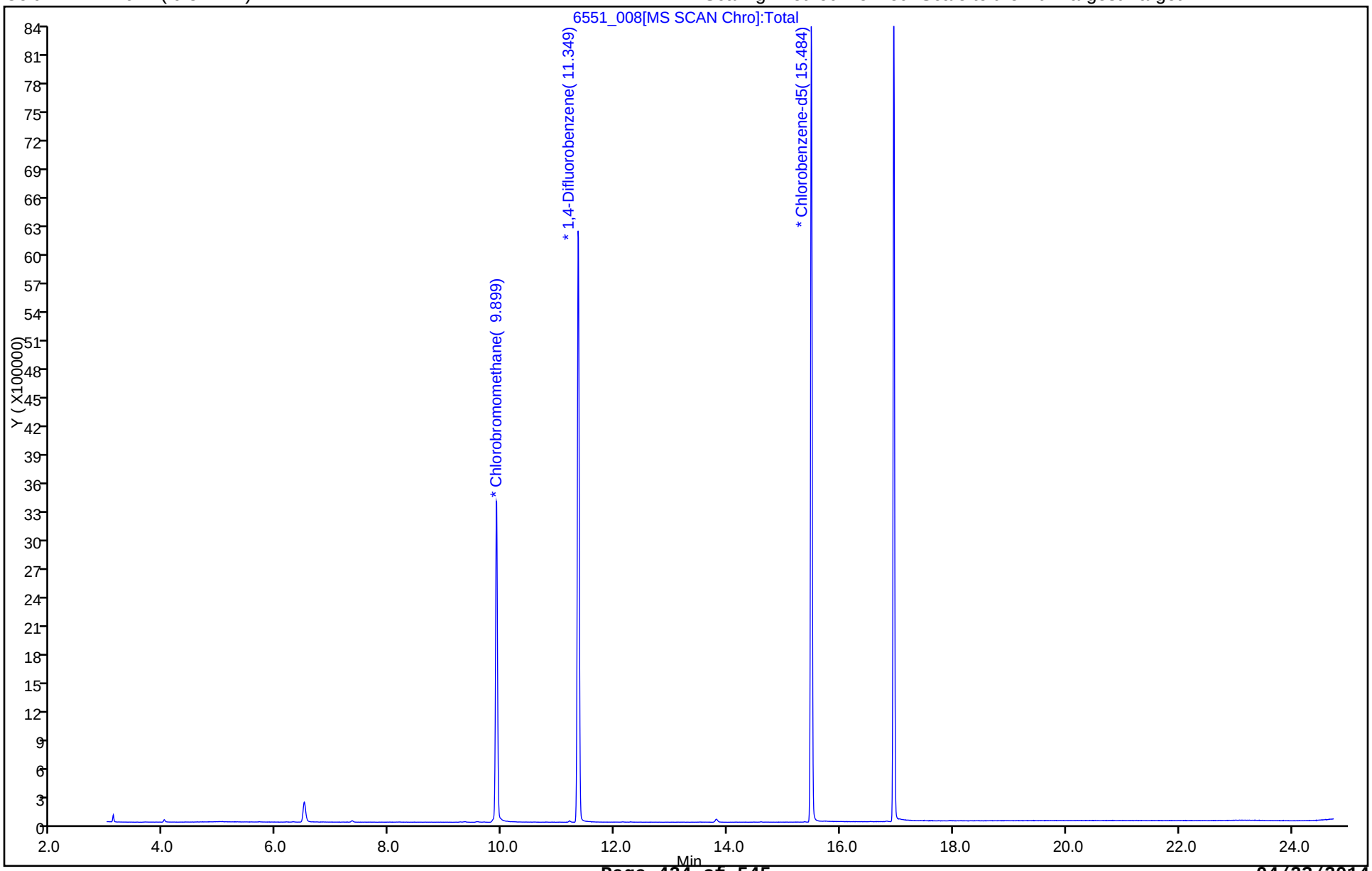
Report Date: 18-Mar-2014 11:05:19 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_008.D

Injection Date:	14-Mar-2014 16:27:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-6	Lab Sample ID:	200-21336-6	Worklist Smp#:	8
Client ID:	4716				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 2669 Lab Sample ID: 200-21336-7

Matrix: Air Lab File ID: 6551_009.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 17:21

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 2669 Lab Sample ID: 200-21336-7

Matrix: Air Lab File ID: 6551_009.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 17:21

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_009.D
Lims ID: 200-21336-A-7 Lab Sample ID: 200-21336-7
Client ID: 2669
Sample Type: Client
Inject. Date: 14-Mar-2014 17:21:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-009
Misc. Info.: 21336-7
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:05:55 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:05:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.347	7.336	0.011	78	10631	0.0181	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.904	9.899	0.005	79	1359678	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	7097310	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6380456	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

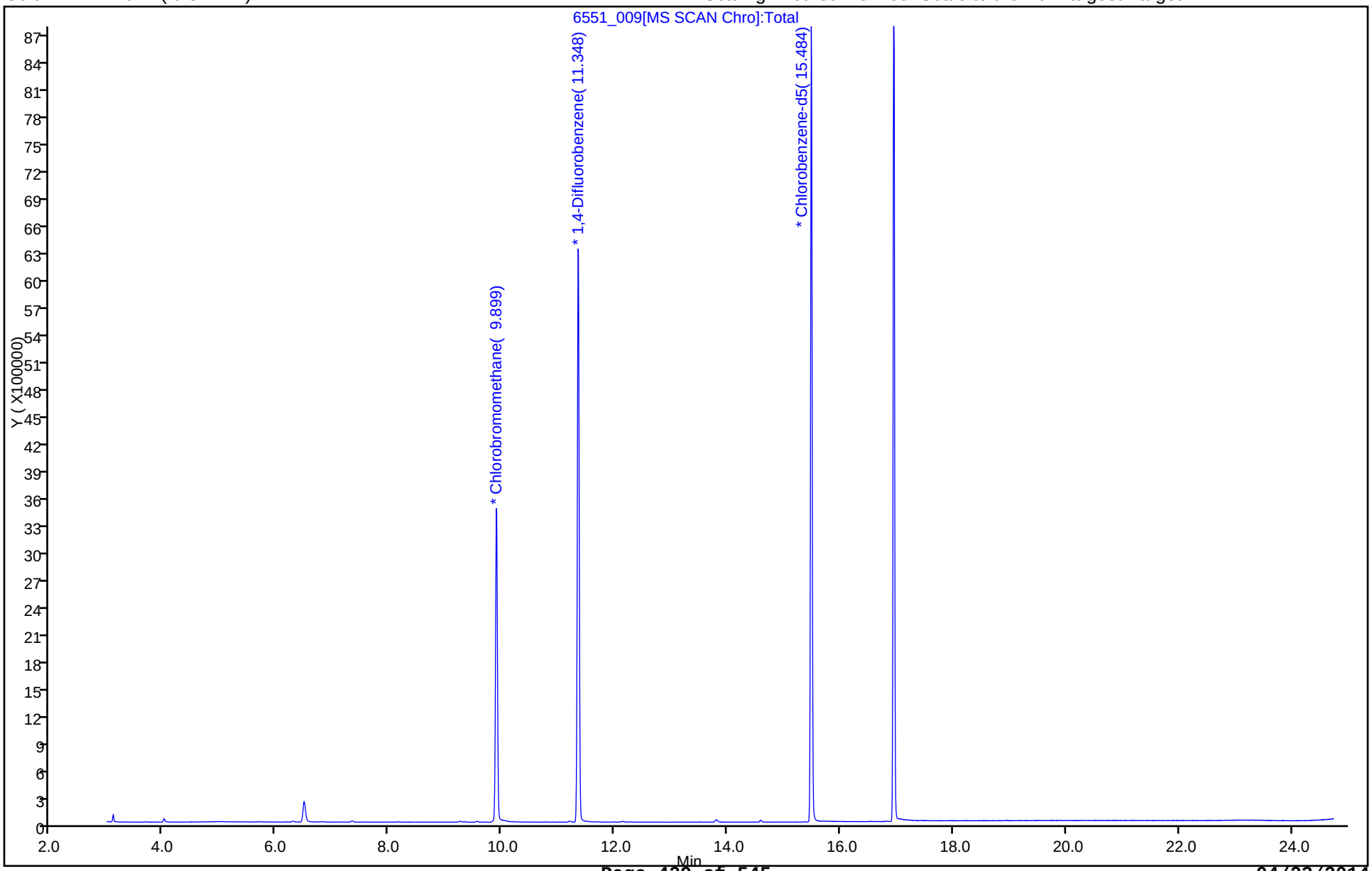
Report Date: 18-Mar-2014 11:05:55 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_009.D

Injection Date:	14-Mar-2014 17:21:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-7	Lab Sample ID:	200-21336-7	Worklist Smp#:	9
Client ID:	2669				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 3521 Lab Sample ID: 200-21336-8

Matrix: Air Lab File ID: 6551_010.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 18:16

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3521 Lab Sample ID: 200-21336-8

Matrix: Air Lab File ID: 6551_010.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 18:16

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_010.D
Lims ID: 200-21336-A-8 Lab Sample ID: 200-21336-8
Client ID: 3521
Sample Type: Client
Inject. Date: 14-Mar-2014 18:16:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-010
Misc. Info.: 21336-8
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:06:26 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:06:26

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.341	7.336	0.005	73	10527	0.0180	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	80	1354130	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	7059013	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6319770	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

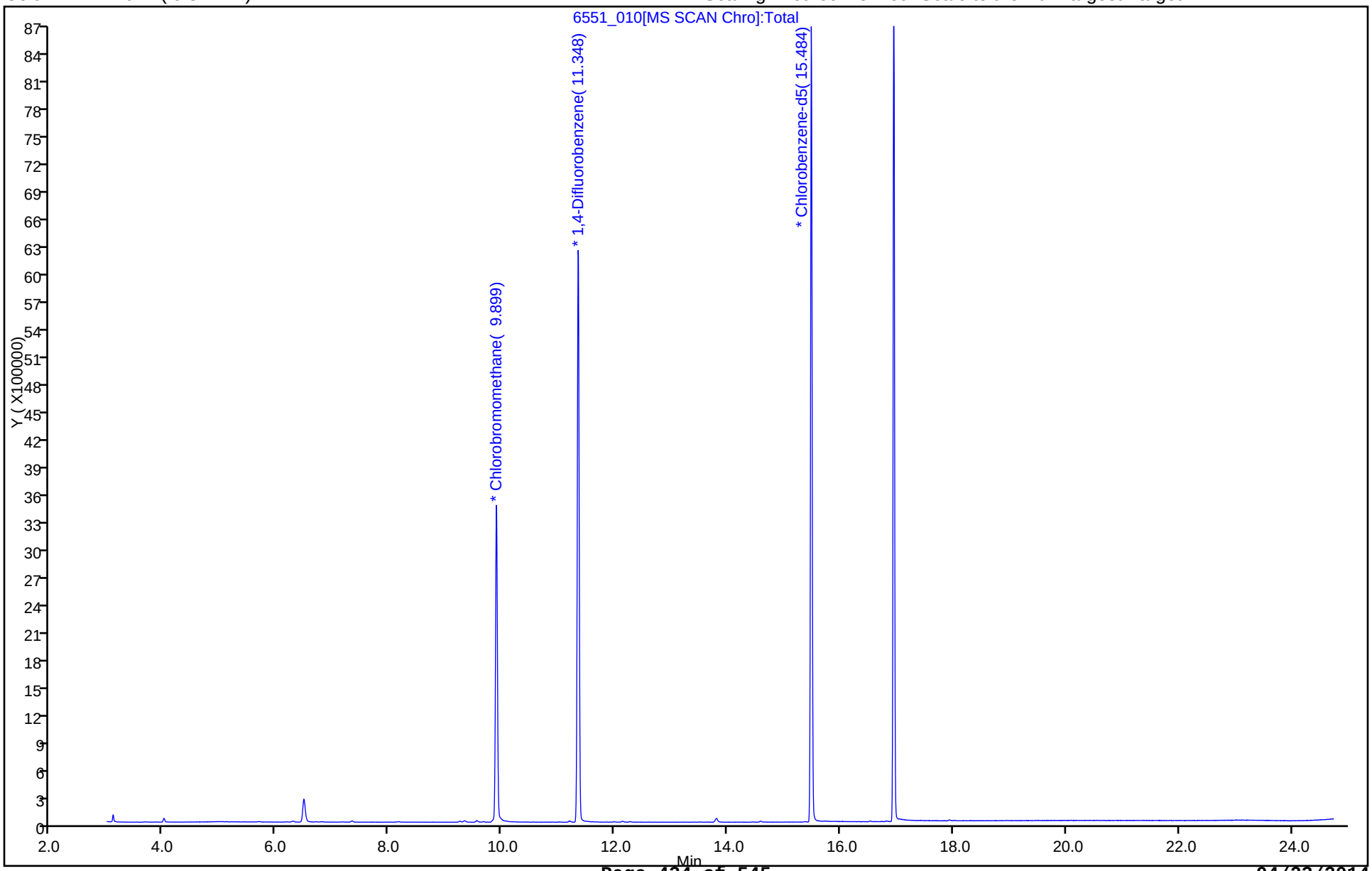
Report Date: 18-Mar-2014 11:06:26 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_010.D

Injection Date:	14-Mar-2014 18:16:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-8	Lab Sample ID:	200-21336-8	Worklist Smp#:	10
Client ID:	3521				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 3263 Lab Sample ID: 200-21336-9

Matrix: Air Lab File ID: 6551_011.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 19:10

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3263 Lab Sample ID: 200-21336-9

Matrix: Air Lab File ID: 6551_011.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 19:10

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_011.D
Lims ID: 200-21336-A-9 Lab Sample ID: 200-21336-9
Client ID: 3263
Sample Type: Client
Inject. Date: 14-Mar-2014 19:10:30 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-011
Misc. Info.: 21336-9
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:07:56 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:07:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.342	7.336	0.006	77	10415	0.0183	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	80	1318893	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	6792861	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6022155	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

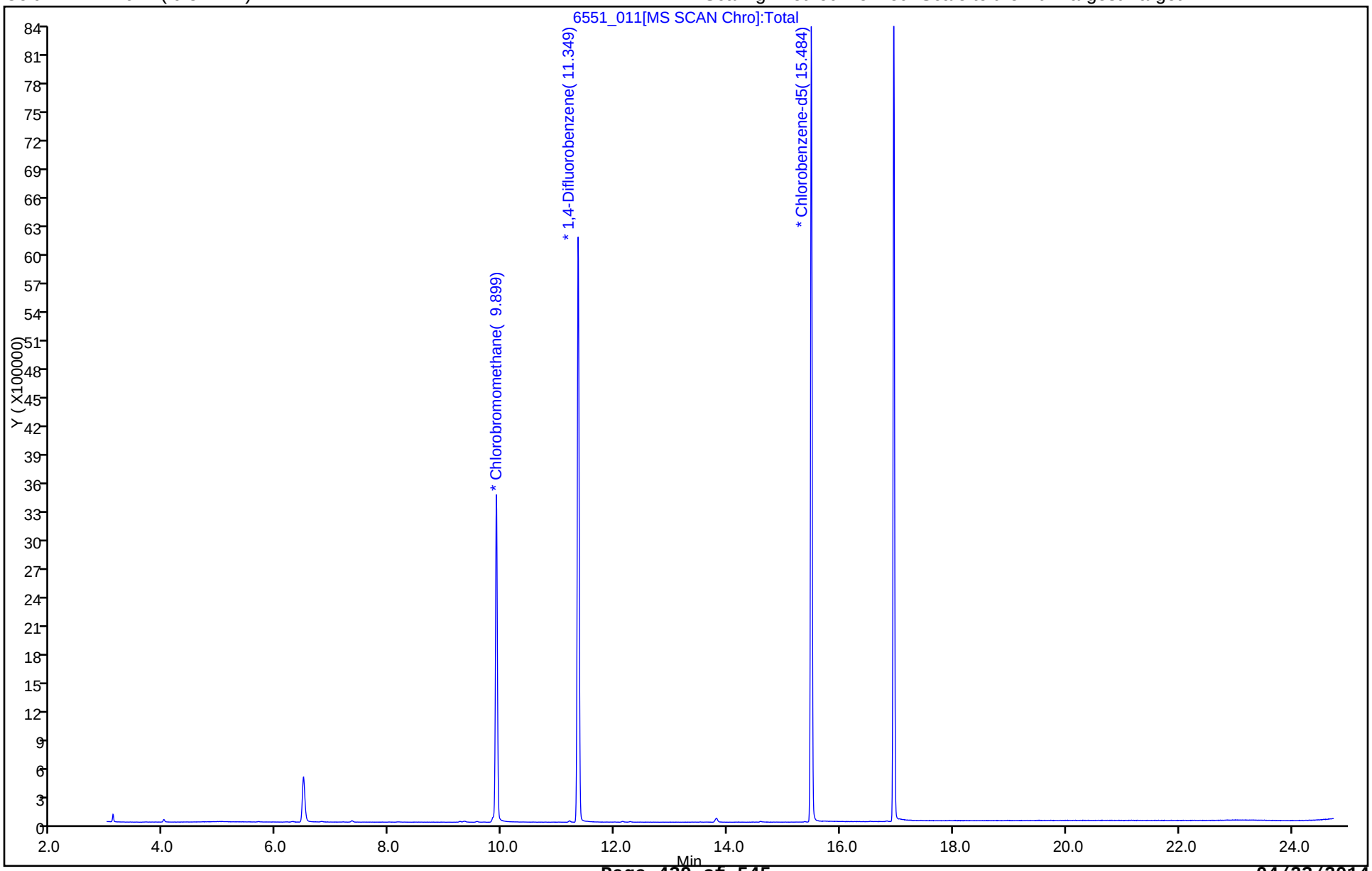
Report Date: 18-Mar-2014 11:07:56 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_011.D

Injection Date:	14-Mar-2014 19:10:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-9	Lab Sample ID:	200-21336-9	Worklist Smp#:	11
Client ID:	3263				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 3472 Lab Sample ID: 200-21336-10

Matrix: Air Lab File ID: 6551_012.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 20:04

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3472 Lab Sample ID: 200-21336-10

Matrix: Air Lab File ID: 6551_012.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 20:04

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_012.D
Lims ID: 200-21336-A-10 Lab Sample ID: 200-21336-10
Client ID: 3472
Sample Type: Client
Inject. Date: 14-Mar-2014 20:04:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-012
Misc. Info.: 21336-10
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:09:20 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:09:20

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	71	10293	0.0180	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1322995	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6924412	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	84	6185014	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

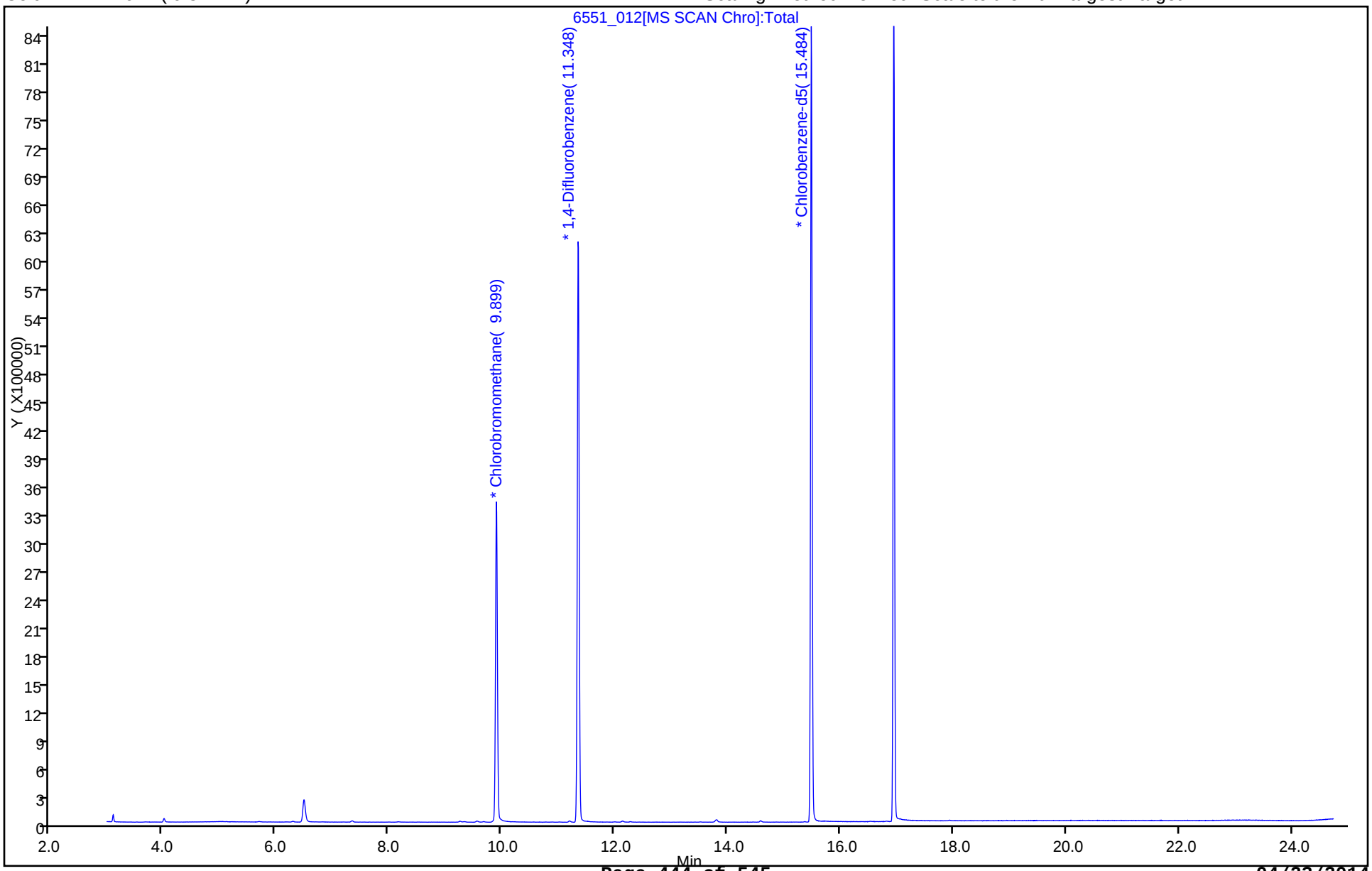
Report Date: 18-Mar-2014 11:09:21 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_012.D

Injection Date:	14-Mar-2014 20:04:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-10	Lab Sample ID:	200-21336-10	Worklist Smp#:	12
Client ID:	3472				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 3562 Lab Sample ID: 200-21336-11

Matrix: Air Lab File ID: 6551_013.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 20:58

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3562 Lab Sample ID: 200-21336-11

Matrix: Air Lab File ID: 6551_013.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 20:58

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_013.D
Lims ID: 200-21336-A-11 Lab Sample ID: 200-21336-11
Client ID: 3562
Sample Type: Client
Inject. Date: 14-Mar-2014 20:58:30 ALS Bottle#: 14 Worklist Smp#: 13
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-013
Misc. Info.: 21336-11
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:09:58 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:09:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.341	7.336	0.005	81	10464	0.0184	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.904	9.899	0.005	78	1320275	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.354	11.348	0.006	93	6857605	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6154438	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

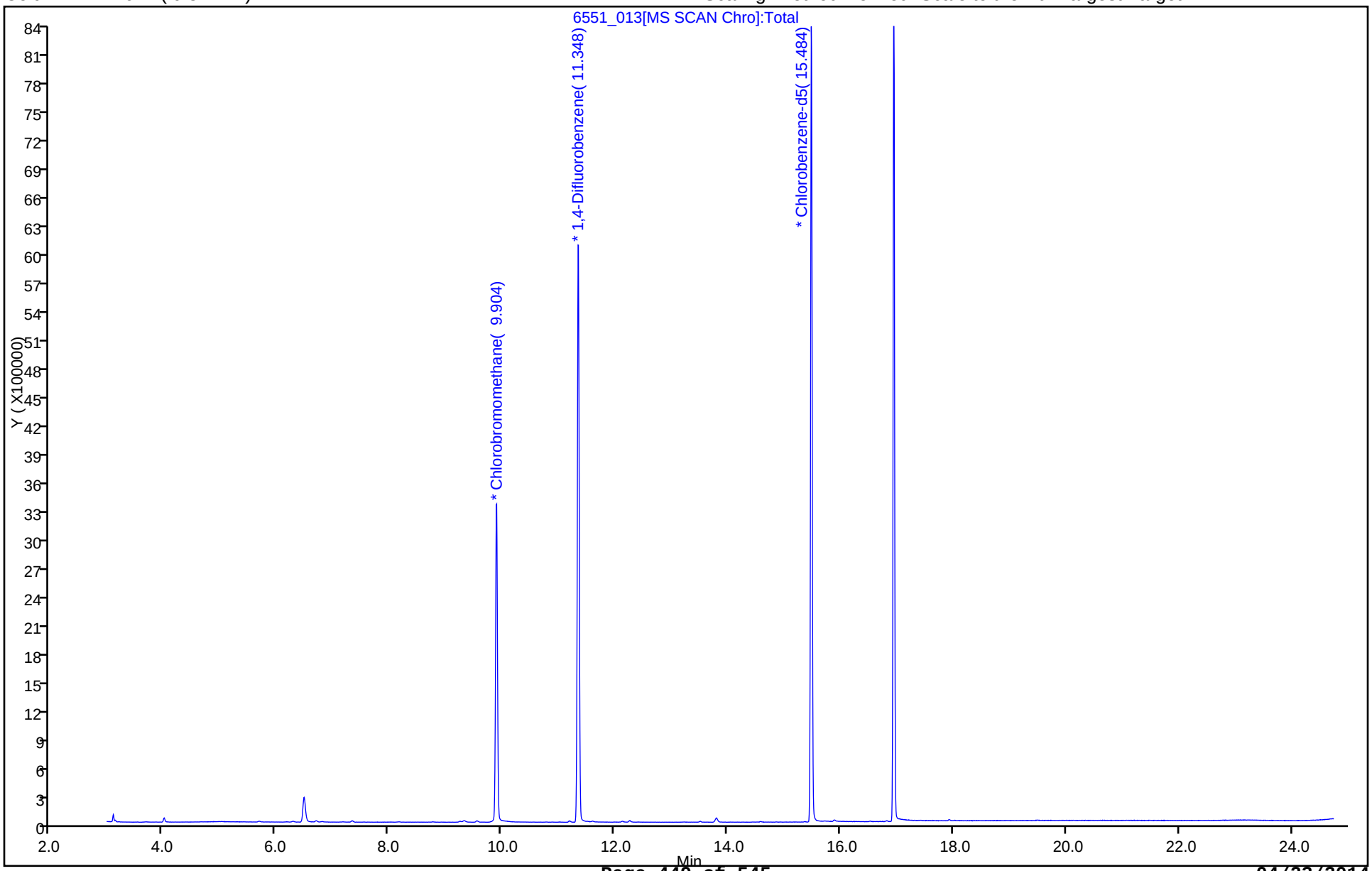
Report Date: 18-Mar-2014 11:09:58 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_013.D

Injection Date:	14-Mar-2014 20:58:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-11	Lab Sample ID:	200-21336-11	Worklist Smp#:	13
Client ID:	3562				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21336-1

SDG No.:

Client Sample ID: 3310 Lab Sample ID: 200-21336-12

Matrix: Air Lab File ID: 6551_014.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 21:52

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U *	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U *	0.010	0.010
75-01-4	Vinyl chloride	0.020	U *	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U *	0.020	0.020
74-83-9	Bromomethane	0.020	U *	0.020	0.020
75-00-3	Chloroethane	0.020	U *	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U *	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U *	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U *	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Client Sample ID: 3310 Lab Sample ID: 200-21336-12

Matrix: Air Lab File ID: 6551_014.D

Analysis Method: TO15 LL Date Collected: 03/11/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/14/2014 21:52

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.: 69481 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_014.D
Lims ID: 200-21336-A-12 Lab Sample ID: 200-21336-12
Client ID: 3310
Sample Type: Client
Inject. Date: 14-Mar-2014 21:52:30 ALS Bottle#: 15 Worklist Smp#: 14
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006551-014
Misc. Info.: 21336-12
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 18-Mar-2014 11:10:38 Calib Date: 08-Jan-2014 01:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140306-6446.b\egb012a.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK015

First Level Reviewer: desjardinsb Date: 18-Mar-2014 11:10:38

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.158					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	77	9875	0.0193	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.780					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.566					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.519					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	82	1185571	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.236					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.738					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	6070491	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.087					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.889					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166	14.275	14.280	-0.005	75	4648	0.007669	
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	5482510	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.367					

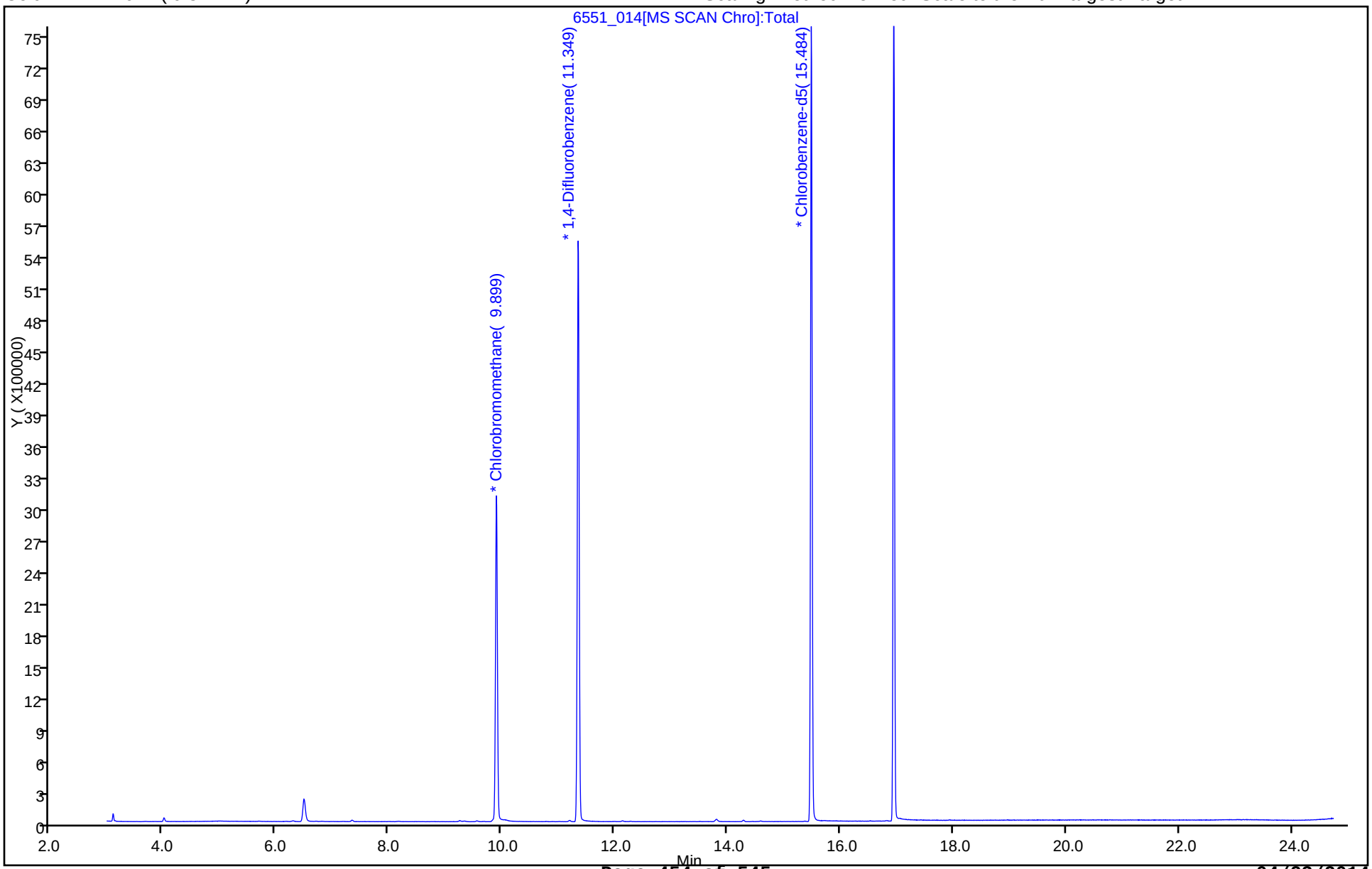
Report Date: 18-Mar-2014 11:10:39 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140313-6551.b\6551_014.D

Injection Date:	14-Mar-2014 21:52:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21336-A-12	Lab Sample ID:	200-21336-12	Worklist Smp#:	14
Client ID:	3310				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2521 Lab Sample ID: 200-21419-1

Matrix: Air Lab File ID: 6594_018.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 03:17

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2521 Lab Sample ID: 200-21419-1

Matrix: Air Lab File ID: 6594_018.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 03:17

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_018.D
Lims ID: 200-21419-A-1 Lab Sample ID: 200-21419-1
Client ID: 2521
Sample Type: Client
Inject. Date: 19-Mar-2014 03:17:30 ALS Bottle#: 8 Worklist Smp#: 18
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-018
Misc. Info.: 21419-1
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:48:40

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.331	7.336	-0.005	83	10825	0.0277	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1276602	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6522895	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92		13.510					
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.157					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	84	5848797	2.00	
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					

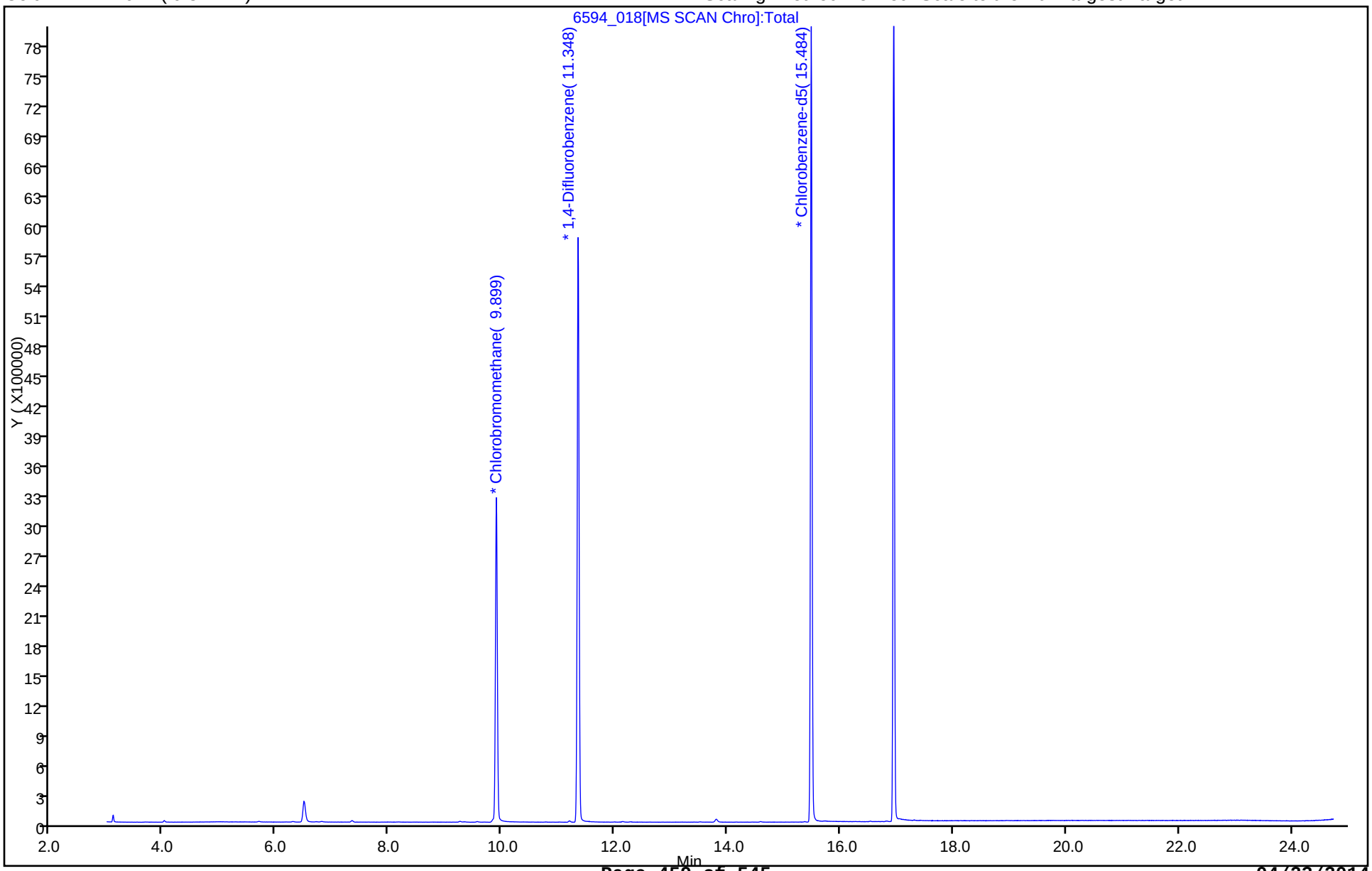
Report Date: 20-Mar-2014 16:49:30 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_018.D

Injection Date:	19-Mar-2014 03:17:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-1	Lab Sample ID:	200-21419-1	Worklist Smp#:	18
Client ID:	2521				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 3533 Lab Sample ID: 200-21419-2

Matrix: Air Lab File ID: 6594_019.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 04:11

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 3533 Lab Sample ID: 200-21419-2

Matrix: Air Lab File ID: 6594_019.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 04:11

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_019.D
Lims ID: 200-21419-A-2 Lab Sample ID: 200-21419-2
Client ID: 3533
Sample Type: Client
Inject. Date: 19-Mar-2014 04:11:30 ALS Bottle#: 9 Worklist Smp#: 19
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-019
Misc. Info.: 21419-2
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:49:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85		3.163					
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
4 Vinyl chloride	62		3.731					
5 Butadiene	54		3.795					
6 Bromomethane	94		4.399					
7 Chloroethane	64		4.603					
8 Vinyl bromide	106		4.977					
9 Trichlorofluoromethane	101		5.073					
10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
11 1,1-Dichloroethene	96		6.256					
12 3-Chloro-1-propene	41		7.047					
13 Methylene Chloride	49	7.341	7.336	0.005	79	10293	0.0233	
14 Methyl tert-butyl ether	73		7.732					
15 trans-1,2-Dichloroethene	61		7.775					
16 Hexane	57		8.133					
17 1,1-Dichloroethane	63		8.567					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.899	9.899	0.0	77	1443485	2.00	
21 Chloroform	83		9.990					
22 1,1,1-Trichloroethane	97		10.230					
23 Cyclohexane	84		10.241					
24 Carbon tetrachloride	117		10.439					
25 Isooctane	57		10.739					
26 Benzene	78		10.776					
27 1,2-Dichloroethane	62		10.888					
28 n-Heptane	43		11.011					
* 29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	7598537	2.00	
30 Trichloroethene	95		11.712					
31 1,2-Dichloropropane	63		12.081					
32 Dichlorobromomethane	83		12.456					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92	13.510	13.510	0.0	79	5819	0.006102	
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.157					
	37 Tetrachloroethene	166	14.280	14.280	0.0	82	6109	0.008307	
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	81	6794760	2.00	
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					

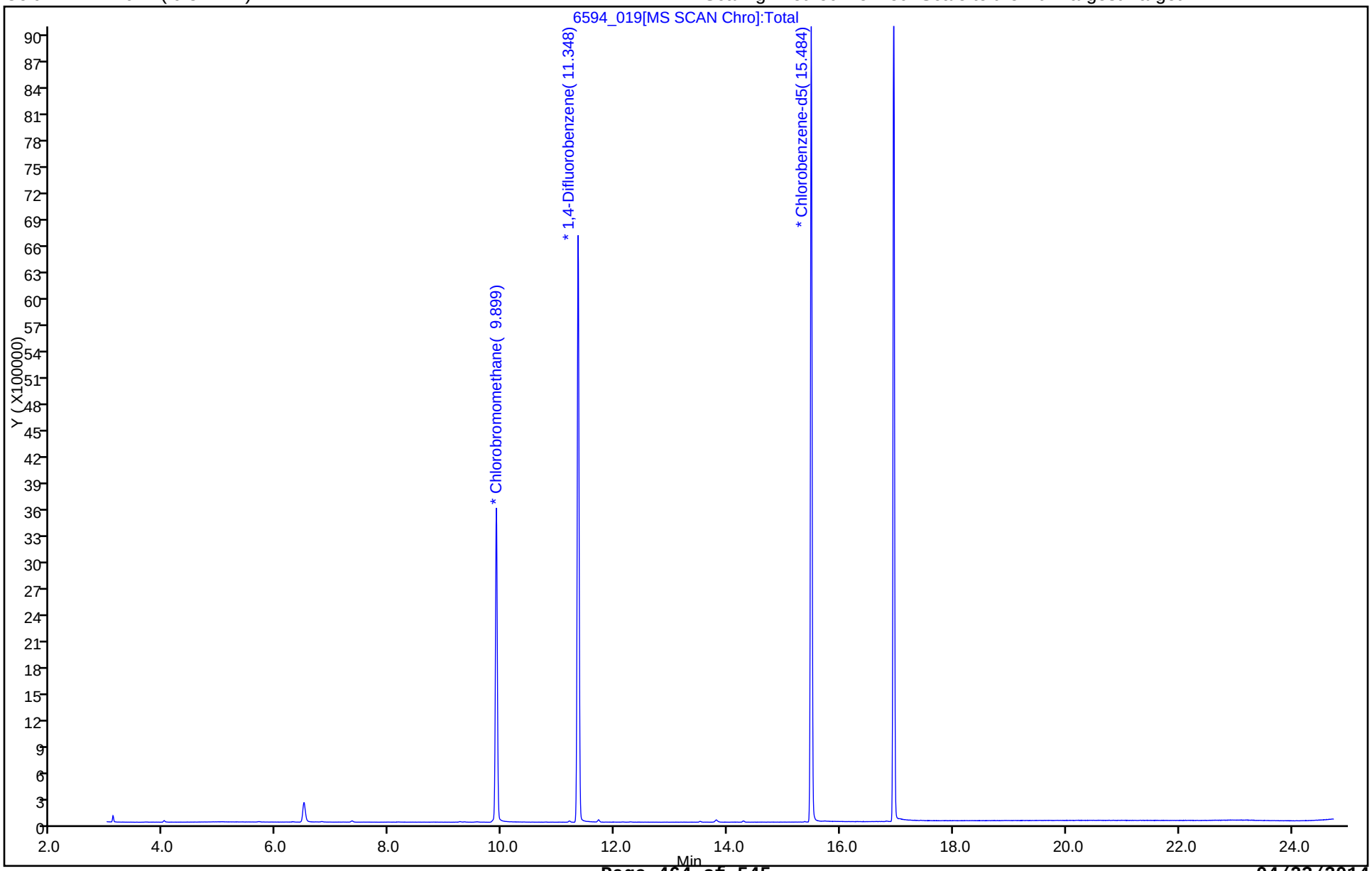
Report Date: 20-Mar-2014 16:49:31 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_019.D

Injection Date:	19-Mar-2014 04:11:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-2	Lab Sample ID:	200-21419-2	Worklist Smp#:	19
Client ID:	3533				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2730 Lab Sample ID: 200-21419-4

Matrix: Air Lab File ID: 6594_021.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 05:59

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2730 Lab Sample ID: 200-21419-4

Matrix: Air Lab File ID: 6594_021.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 05:59

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_021.D
Lims ID: 200-21419-A-4 Lab Sample ID: 200-21419-4
Client ID: 2730
Sample Type: Client
Inject. Date: 19-Mar-2014 05:59:30 ALS Bottle#: 11 Worklist Smp#: 21
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-021
Misc. Info.: 21419-4
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:52:23

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	76	10404	0.0261	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	78	1303418	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6739505	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92	13.515	13.510	0.005	57	2782	0.003139	
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	6314116	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.362					

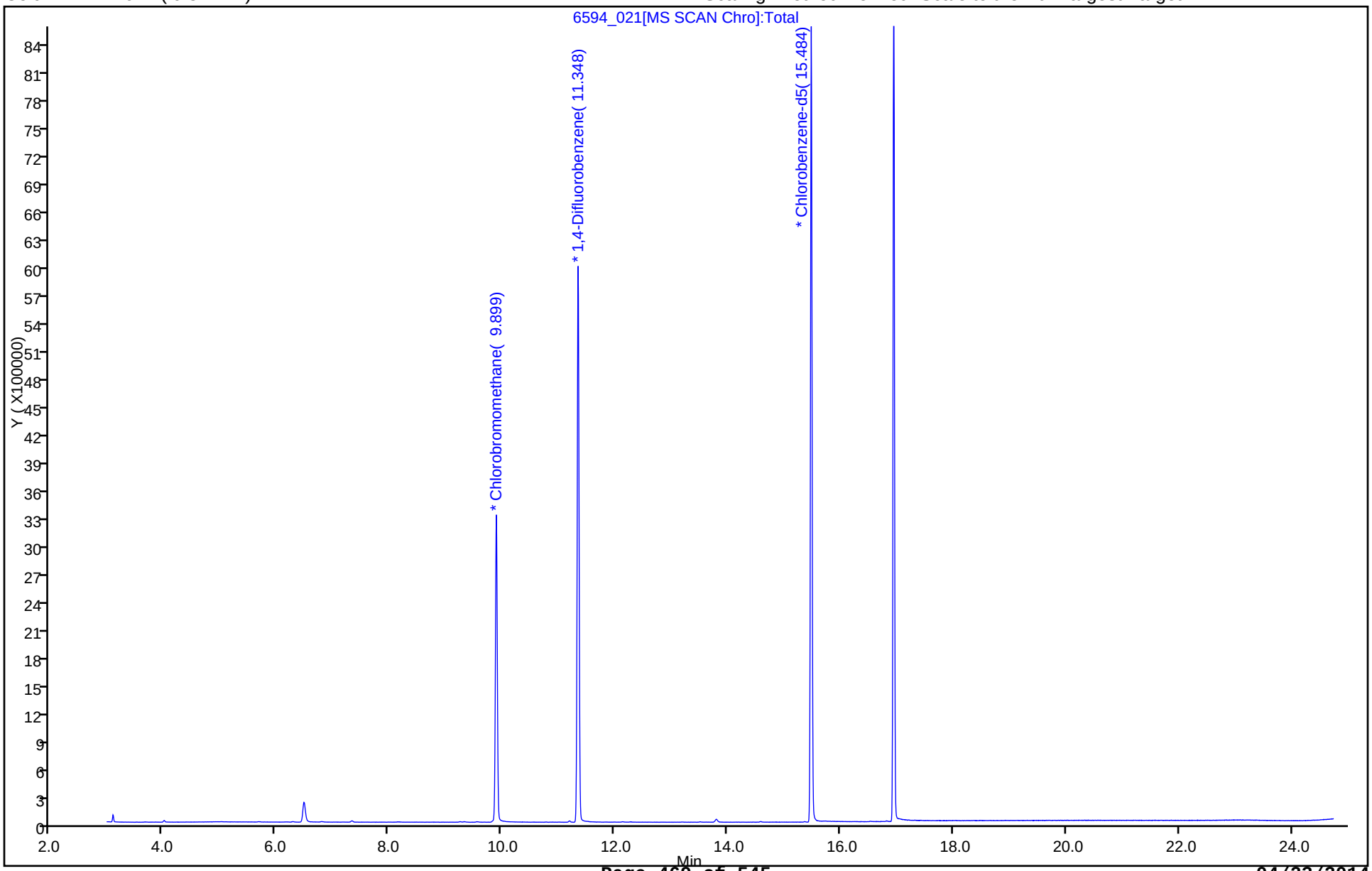
Report Date: 20-Mar-2014 16:49:33 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_021.D

Injection Date:	19-Mar-2014 05:59:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-4	Lab Sample ID:	200-21419-4	Worklist Smp#:	21
Client ID:	2730				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 3531 Lab Sample ID: 200-21419-5

Matrix: Air Lab File ID: 6594_022.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 06:55

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 3531 Lab Sample ID: 200-21419-5

Matrix: Air Lab File ID: 6594_022.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 06:55

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_022.D
Lims ID: 200-21419-A-5 Lab Sample ID: 200-21419-5
Client ID: 3531
Sample Type: Client
Inject. Date: 19-Mar-2014 06:55:30 ALS Bottle#: 12 Worklist Smp#: 22
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-022
Misc. Info.: 21419-5
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:53:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85	3.158	3.163	-0.005	34	899	0.001454	
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	83	12784	0.0303	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	84	1375581	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	7236030	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92	13.510	13.510	0.0	60	2324	0.002564	
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	83	6458679	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.362					

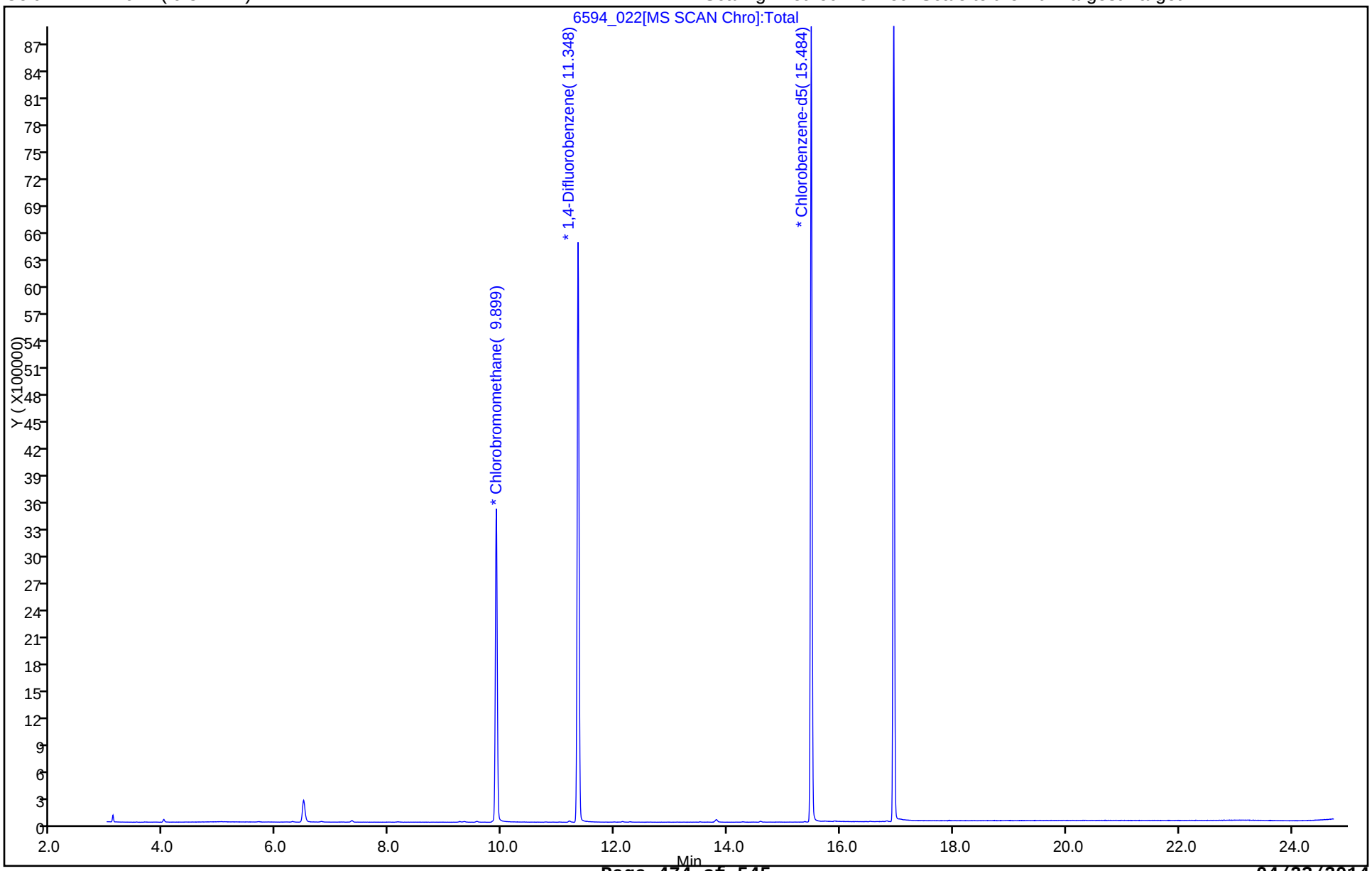
Report Date: 20-Mar-2014 16:49:33 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_022.D

Injection Date:	19-Mar-2014 06:55:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-5	Lab Sample ID:	200-21419-5	Worklist Smp#:	22
Client ID:	3531				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-21419-6

Matrix: Air Lab File ID: 6594_023.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 07:49

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 3210 Lab Sample ID: 200-21419-6

Matrix: Air Lab File ID: 6594_023.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 07:49

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_023.D
Lims ID: 200-21419-A-6 Lab Sample ID: 200-21419-6
Client ID: 3210
Sample Type: Client
Inject. Date: 19-Mar-2014 07:49:30 ALS Bottle#: 14 Worklist Smp#: 23
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-023
Misc. Info.: 21419-6
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:53:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	78	10623	0.0257	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1347056	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.349	11.349	0.0	93	6994198	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92		13.510					
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.157					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6184824	2.00	
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					

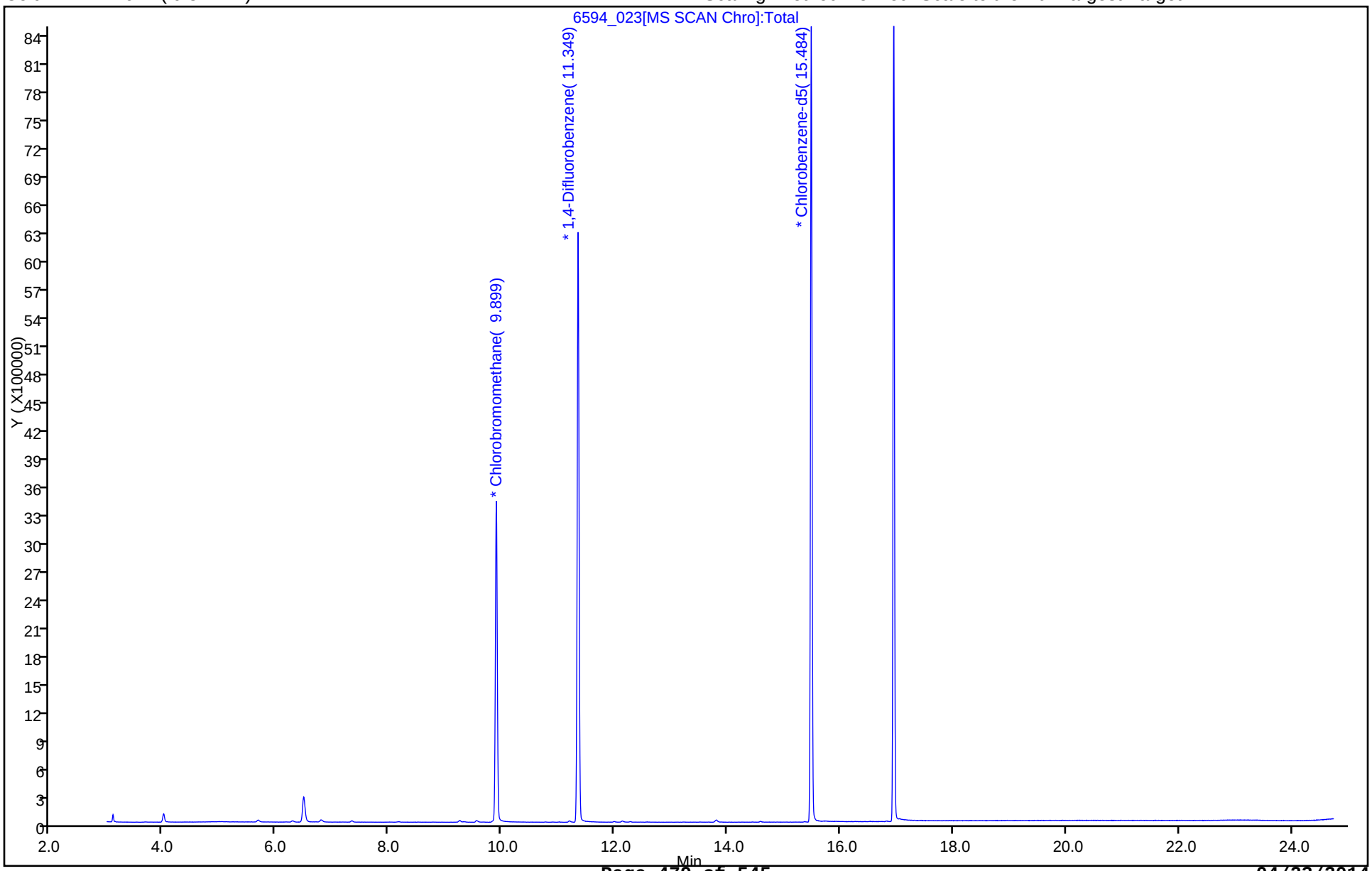
Report Date: 20-Mar-2014 16:49:34 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_023.D

Injection Date:	19-Mar-2014 07:49:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-6	Lab Sample ID:	200-21419-6	Worklist Smp#:	23
Client ID:	3210				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2907 Lab Sample ID: 200-21419-7

Matrix: Air Lab File ID: 6594_024.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 08:44

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2907 Lab Sample ID: 200-21419-7

Matrix: Air Lab File ID: 6594_024.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 08:44

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_024.D
Lims ID: 200-21419-A-7 Lab Sample ID: 200-21419-7
Client ID: 2907
Sample Type: Client
Inject. Date: 19-Mar-2014 08:44:30 ALS Bottle#: 15 Worklist Smp#: 24
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-024
Misc. Info.: 21419-7
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 11:42:59

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.363	7.336	0.027	75	9488	0.0251	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.909	9.899	0.010	80	1234411	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.354	11.349	0.005	93	6421470	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92	13.515	13.510	0.005	46	2569	0.003081	
35 trans-1,3-Dichloropropene	75		13.890					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.713					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	5941929	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.297					
49 1,3,5-Trimethylbenzene	105		17.362					

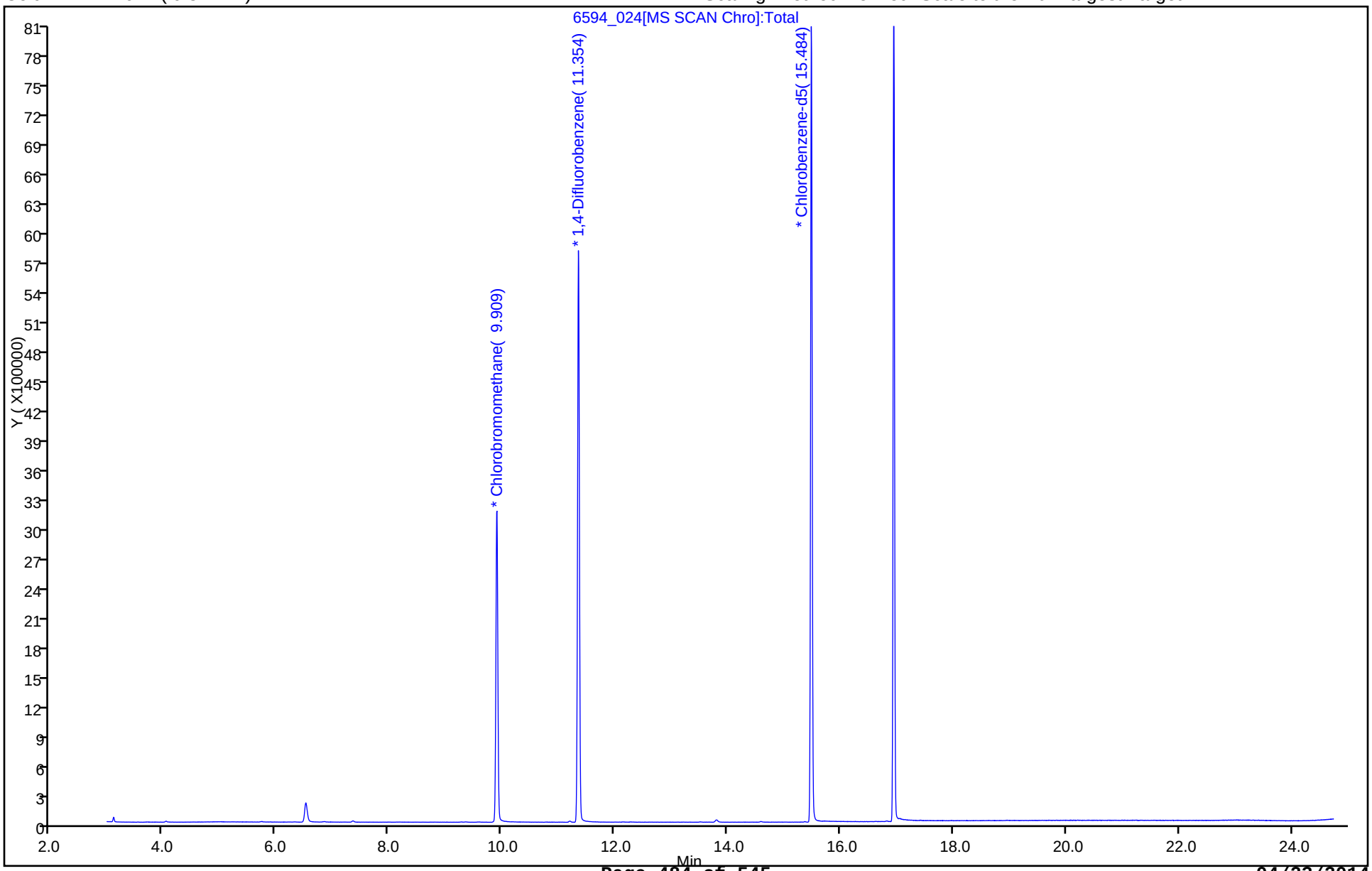
Report Date: 20-Mar-2014 16:49:35 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_024.D

Injection Date:	19-Mar-2014 08:44:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-7	Lab Sample ID:	200-21419-7	Worklist Smp#:	24
Client ID:	2907				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2743 Lab Sample ID: 200-21419-8

Matrix: Air Lab File ID: 6594_025.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 09:39

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2743 Lab Sample ID: 200-21419-8

Matrix: Air Lab File ID: 6594_025.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 09:39

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_025.D
Lims ID: 200-21419-A-8 Lab Sample ID: 200-21419-8
Client ID: 2743
Sample Type: Client
Inject. Date: 19-Mar-2014 09:39:30 ALS Bottle#: 16 Worklist Smp#: 25
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-025
Misc. Info.: 21419-8
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 10:55:48

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.331	7.336	-0.005	80	9825	0.0249	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1289344	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.349	11.349	0.0	93	6676290	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92	13.504	13.510	-0.006	44	1900	0.002208	
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.157					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6131368	2.00	
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					

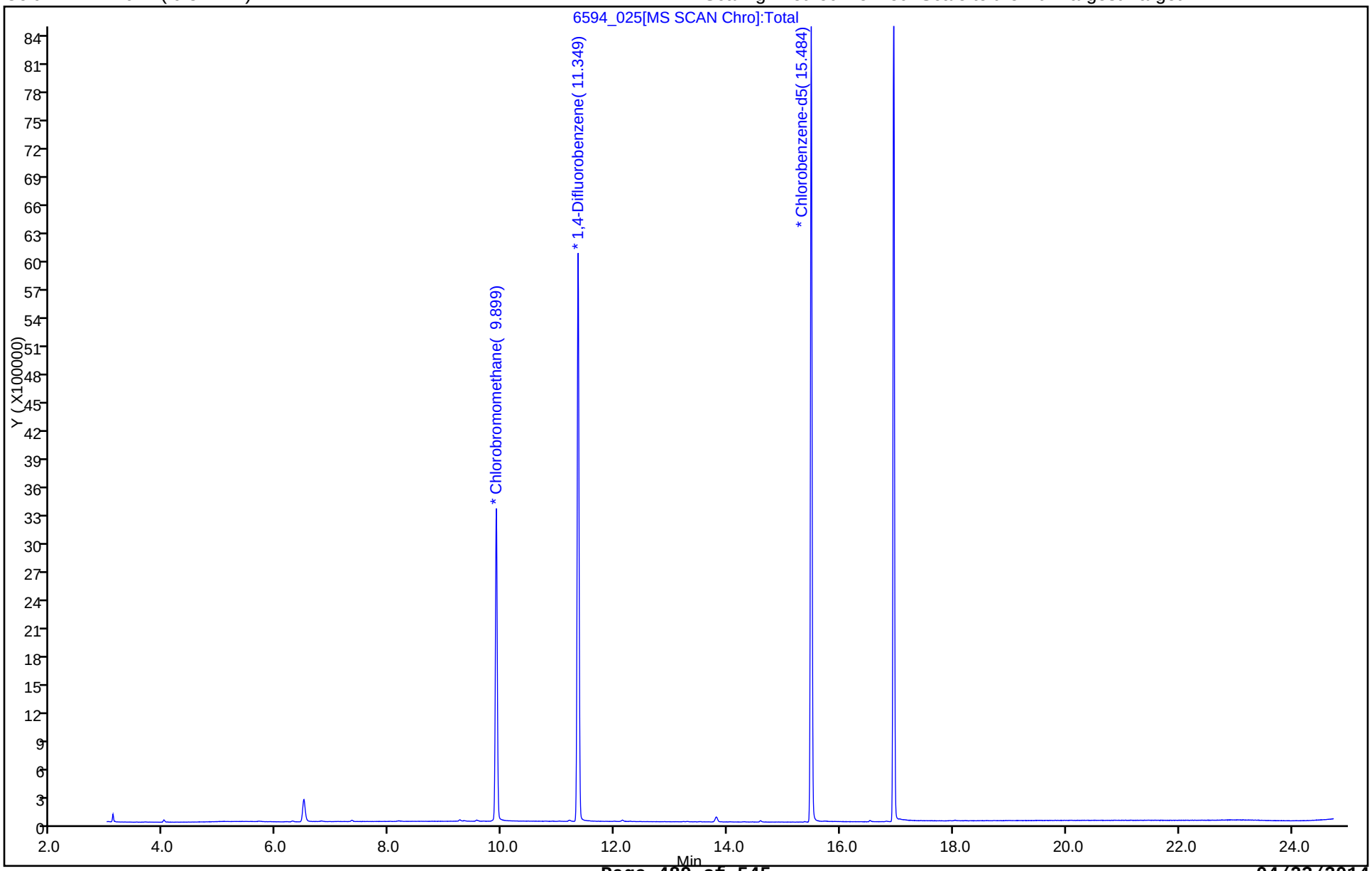
Report Date: 20-Mar-2014 16:49:36 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_025.D

Injection Date:	19-Mar-2014 09:39:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-8	Lab Sample ID:	200-21419-8	Worklist Smp#:	25
Client ID:	2743				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2861 Lab Sample ID: 200-21419-9

Matrix: Air Lab File ID: 6594_026.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 10:33

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2861 Lab Sample ID: 200-21419-9

Matrix: Air Lab File ID: 6594_026.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 10:33

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_026.D
Lims ID: 200-21419-A-9 Lab Sample ID: 200-21419-9
Client ID: 2861
Sample Type: Client
Inject. Date: 19-Mar-2014 10:33:30 ALS Bottle#: 1 Worklist Smp#: 26
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-026
Misc. Info.: 21419-9
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 11:45:07

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	75	9495	0.0250	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	80	1241222	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6476171	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92		13.510					
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.157					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	84	5919039	2.00	
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					

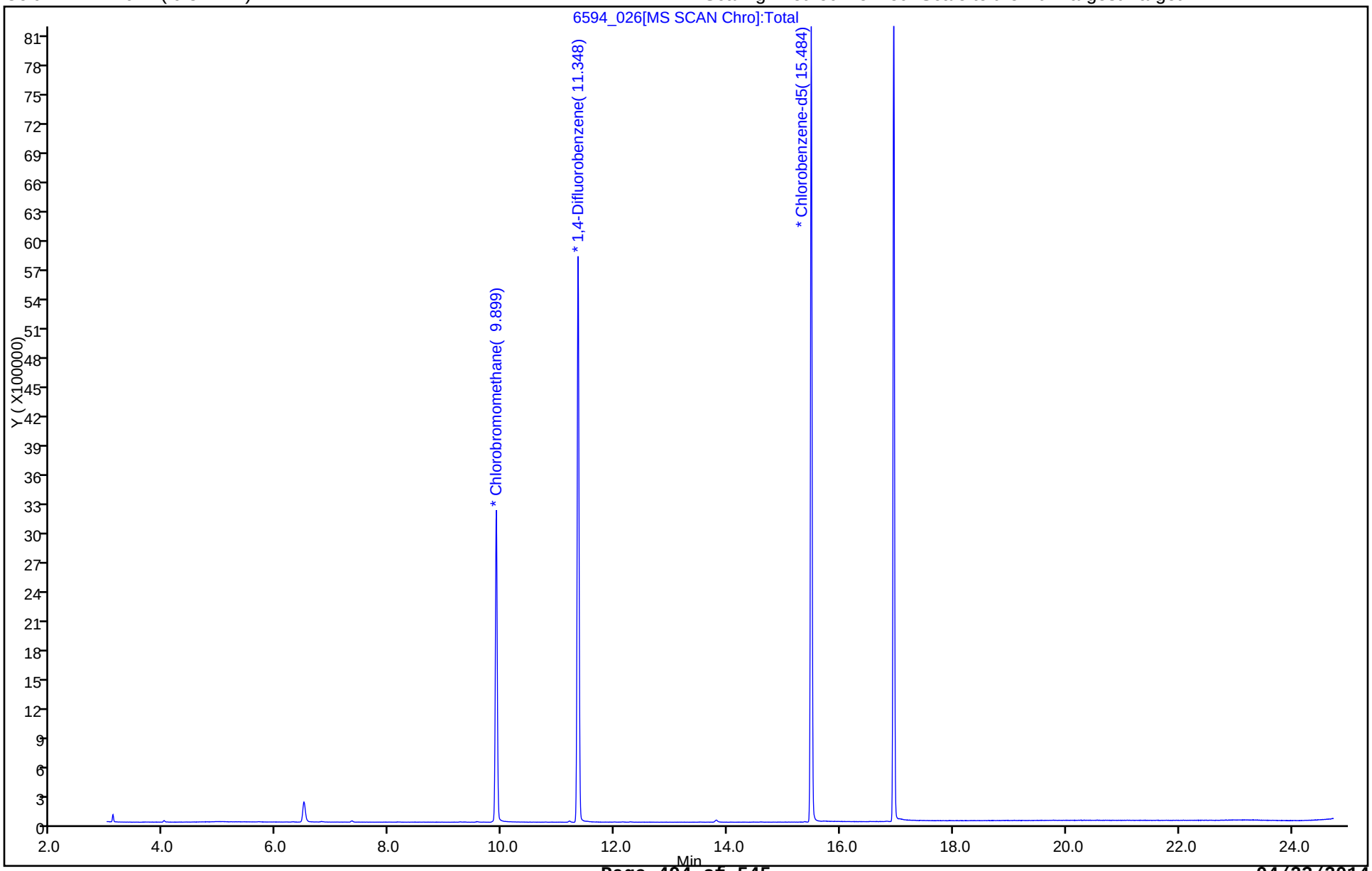
Report Date: 20-Mar-2014 16:49:37 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_026.D

Injection Date:	19-Mar-2014 10:33:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-9	Lab Sample ID:	200-21419-9	Worklist Smp#:	26
Client ID:	2861				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2513 Lab Sample ID: 200-21419-10

Matrix: Air Lab File ID: 6594_027.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 11:27

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2513 Lab Sample ID: 200-21419-10

Matrix: Air Lab File ID: 6594_027.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 11:27

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.: 69618 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_027.D
Lims ID: 200-21419-A-10 Lab Sample ID: 200-21419-10
Client ID: 2513
Sample Type: Client
Inject. Date: 19-Mar-2014 11:27:30 ALS Bottle#: 4 Worklist Smp#: 27
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006594-027
Misc. Info.: 21419-10
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 16:49:20 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 19-Mar-2014 11:52:47

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.394					
	4 Vinyl chloride	62		3.731					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.603					
	8 Vinyl bromide	106		4.977					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.256					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.336	7.336	0.0	75	10284	0.0259	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.133					
	17 1,1-Dichloroethane	63		8.567					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.899	9.899	0.0	79	1297365	2.00	
	21 Chloroform	83		9.990					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.241					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.011					
*	29 1,4-Difluorobenzene	114	11.348	11.349	-0.001	93	6801682	2.00	
	30 Trichloroethene	95		11.712					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	33 cis-1,3-Dichloropropene	75		13.087					
	34 Toluene	92		13.510					
	35 trans-1,3-Dichloropropene	75		13.890					
	36 1,1,2-Trichloroethane	83		14.157					
	37 Tetrachloroethene	166		14.280					
	38 Chlorodibromomethane	129		14.713					
	39 Ethylene Dibromide	107		14.911					
*	40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6066391	2.00	
	42 Ethylbenzene	91		15.596					
	43 m-Xylene & p-Xylene	106		15.746					
S	44 Xylenes, Total	106		16.000					
	45 o-Xylene	106		16.265					
	46 Bromoform	173		16.586					
	47 1,1,2,2-Tetrachloroethane	83		17.105					
	48 4-Ethyltoluene	105		17.297					
	49 1,3,5-Trimethylbenzene	105		17.362					

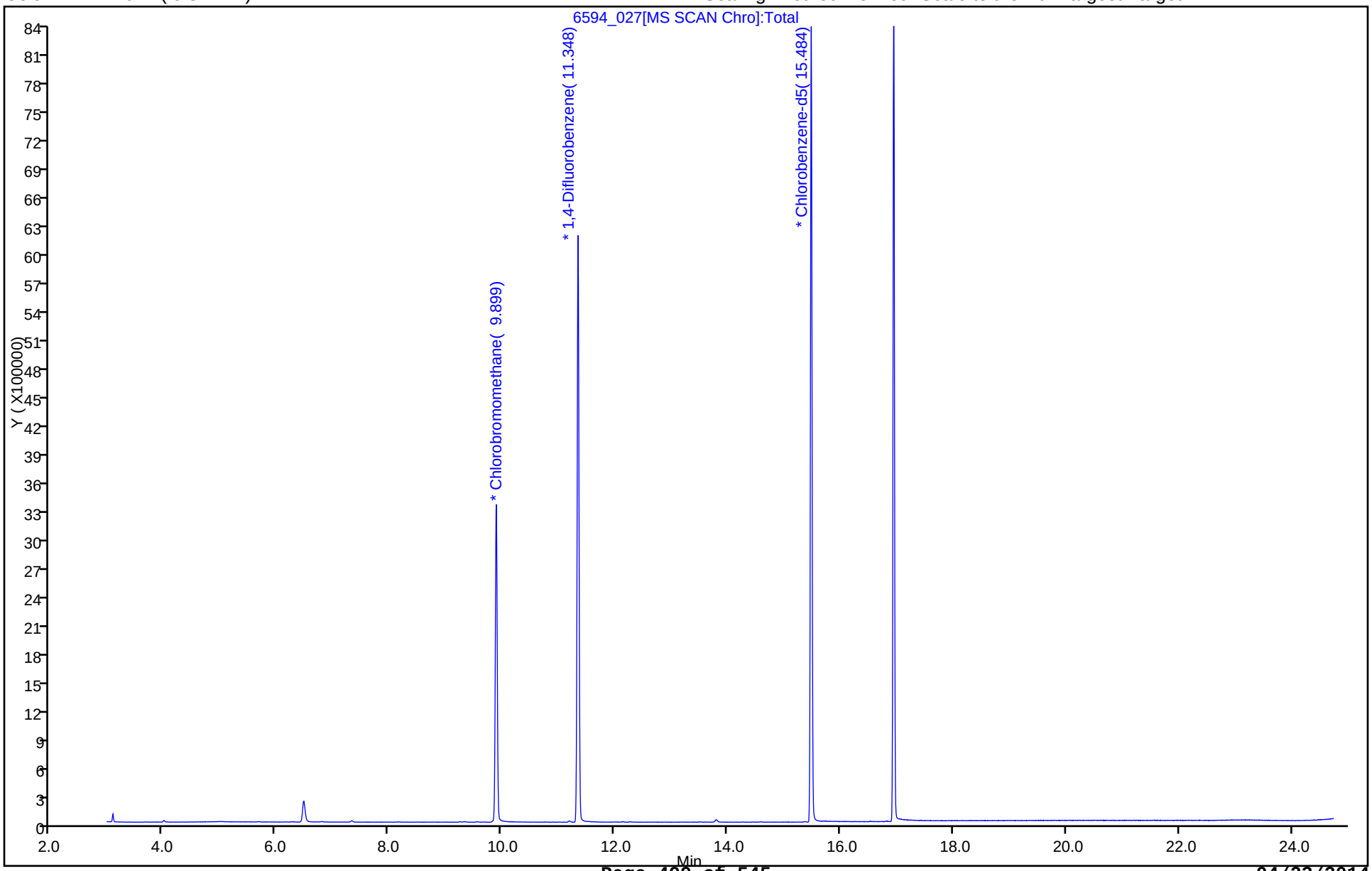
Report Date: 20-Mar-2014 16:49:38 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_027.D

Injection Date:	19-Mar-2014 11:27:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-10	Lab Sample ID:	200-21419-10	Worklist Smp#:	27
Client ID:	2513				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 3820 Lab Sample ID: 200-21419-11

Matrix: Air Lab File ID: 6610_006.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 16:46

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.: 69656 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 3820 Lab Sample ID: 200-21419-11

Matrix: Air Lab File ID: 6610_006.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 16:46

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.: 69656 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\6610_006.D
Lims ID: 200-21419-A-11 Lab Sample ID: 200-21419-11
Client ID: 3820
Sample Type: Client
Inject. Date: 19-Mar-2014 16:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006610-006
Misc. Info.: 21419-11
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 11:20:41 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 20-Mar-2014 11:20:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
	1 Dichlorodifluoromethane	85		3.163					
	2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
	4 Vinyl chloride	62		3.730					
	5 Butadiene	54		3.795					
	6 Bromomethane	94		4.399					
	7 Chloroethane	64		4.597					
	8 Vinyl bromide	106		4.972					
	9 Trichlorofluoromethane	101		5.073					
	10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
	11 1,1-Dichloroethene	96		6.261					
	12 3-Chloro-1-propene	41		7.047					
	13 Methylene Chloride	49	7.342	7.336	0.006	80	10070	0.0282	
	14 Methyl tert-butyl ether	73		7.732					
	15 trans-1,2-Dichloroethene	61		7.775					
	16 Hexane	57		8.139					
	17 1,1-Dichloroethane	63		8.561					
S	18 1,2-Dichloroethene, Total	61		9.200					
	19 cis-1,2-Dichloroethene	96		9.524					
*	20 Chlorobromomethane	128	9.893	9.899	-0.006	83	1166893	2.00	
	21 Chloroform	83		9.984					
	22 1,1,1-Trichloroethane	97		10.230					
	23 Cyclohexane	84		10.230					
	24 Carbon tetrachloride	117		10.439					
	25 Isooctane	57		10.739					
	26 Benzene	78		10.776					
	27 1,2-Dichloroethane	62		10.888					
	28 n-Heptane	43		11.006					
*	29 1,4-Difluorobenzene	114	11.349	11.348	0.001	93	5862250	2.00	
	30 Trichloroethene	95		11.707					
	31 1,2-Dichloropropane	63		12.081					
	32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.884					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.708					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	5283861	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.292					
49 1,3,5-Trimethylbenzene	105		17.361					

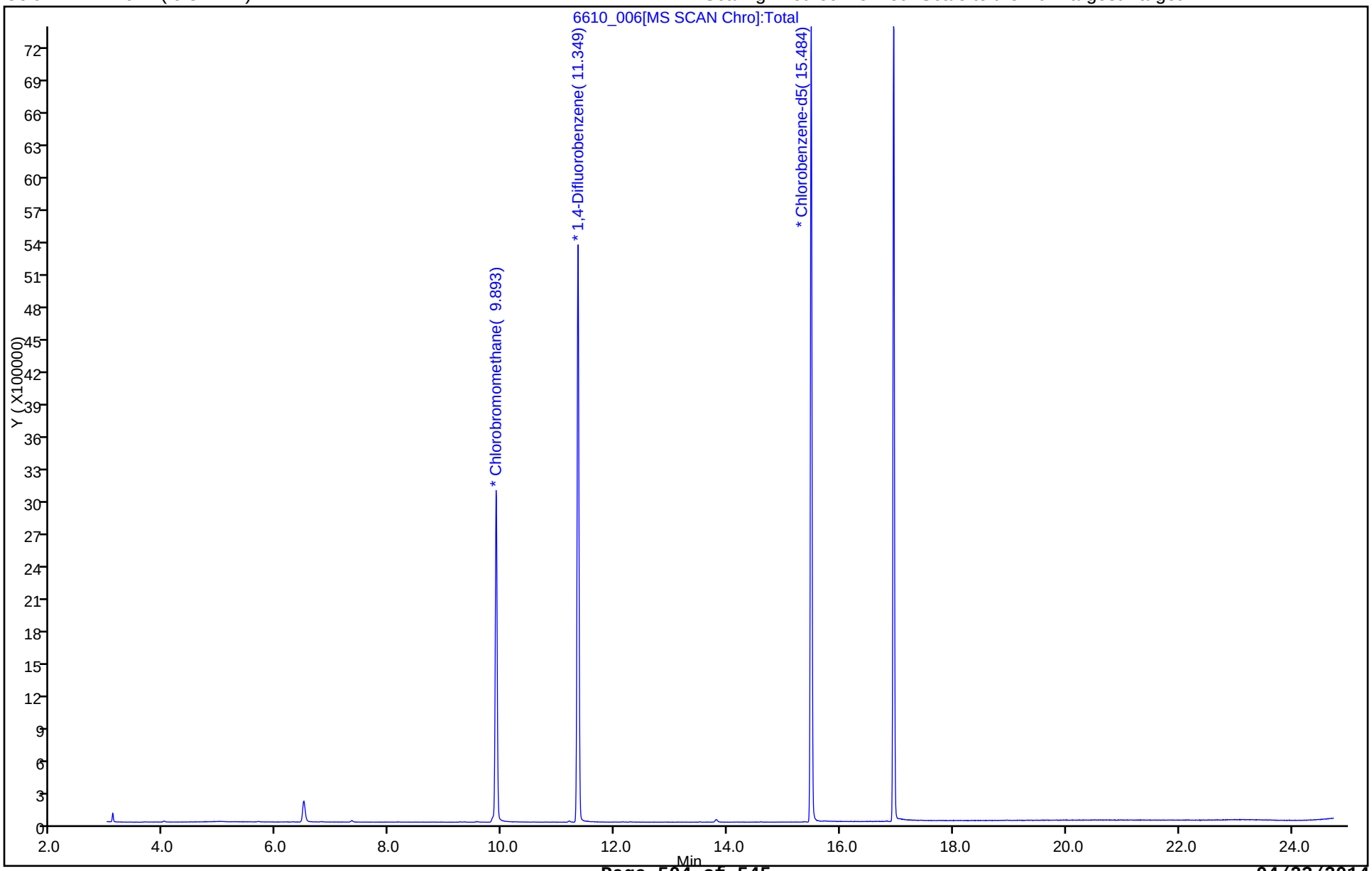
Report Date: 20-Mar-2014 11:20:42 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\6610_006.D

Injection Date:	19-Mar-2014 16:46:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-11	Lab Sample ID:	200-21419-11	Worklist Smp#:	6
Client ID:	3820				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_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.: 200-21419-1

SDG No.:

Client Sample ID: 2800 Lab Sample ID: 200-21419-12

Matrix: Air Lab File ID: 6610_007.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 17:41

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.: 69656 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	0.010	U	0.010	0.010
76-14-2	1,2-Dichlorotetrafluoroethane	0.010	U	0.010	0.010
75-01-4	Vinyl chloride	0.020	U	0.020	0.020
106-99-0	1,3-Butadiene	0.020	U	0.020	0.020
74-83-9	Bromomethane	0.020	U	0.020	0.020
75-00-3	Chloroethane	0.020	U	0.020	0.020
593-60-2	Bromoethene(Vinyl Bromide)	0.020	U	0.020	0.020
75-69-4	Trichlorofluoromethane	0.010	U	0.010	0.010
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.010	U	0.010	0.010
107-05-1	3-Chloropropene	0.020	U	0.020	0.020
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
1634-04-4	Methyl tert-butyl ether	0.010	U	0.010	0.010
156-60-5	trans-1,2-Dichloroethene	0.010	U	0.010	0.010
110-54-3	n-Hexane	0.020	U	0.020	0.020
75-34-3	1,1-Dichloroethane	0.010	U	0.010	0.010
156-59-2	cis-1,2-Dichloroethene	0.010	U	0.010	0.010
67-66-3	Chloroform	0.010	U	0.010	0.010
71-55-6	1,1,1-Trichloroethane	0.010	U	0.010	0.010
110-82-7	Cyclohexane	0.010	U	0.010	0.010
56-23-5	Carbon tetrachloride	0.010	U	0.010	0.010
540-84-1	2,2,4-Trimethylpentane	0.010	U	0.010	0.010
71-43-2	Benzene	0.010	U	0.010	0.010
107-06-2	1,2-Dichloroethane	0.020	U	0.020	0.020
142-82-5	n-Heptane	0.010	U	0.010	0.010
79-01-6	Trichloroethene	0.010	U	0.010	0.010
78-87-5	1,2-Dichloropropane	0.020	U	0.020	0.020
75-27-4	Bromodichloromethane	0.010	U	0.010	0.010
10061-01-5	cis-1,3-Dichloropropene	0.010	U	0.010	0.010
108-88-3	Toluene	0.010	U	0.010	0.010
10061-02-6	trans-1,3-Dichloropropene	0.010	U	0.010	0.010
79-00-5	1,1,2-Trichloroethane	0.010	U	0.010	0.010
127-18-4	Tetrachloroethene	0.010	U	0.010	0.010
124-48-1	Dibromochloromethane	0.010	U	0.010	0.010
106-93-4	1,2-Dibromoethane	0.010	U	0.010	0.010

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Client Sample ID: 2800 Lab Sample ID: 200-21419-12

Matrix: Air Lab File ID: 6610_007.D

Analysis Method: TO15 LL Date Collected: 03/17/2014 00:00

Sample wt/vol: 500(mL) Date Analyzed: 03/19/2014 17:41

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.: 69656 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-41-4	Ethylbenzene	0.010	U	0.010	0.010
95-47-6	o-Xylene	0.010	U	0.010	0.010
75-25-2	Bromoform	0.010	U	0.010	0.010
79-34-5	1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
622-96-8	4-Ethyltoluene	0.010	U	0.010	0.010
108-67-8	1,3,5-Trimethylbenzene	0.020	U	0.020	0.020
540-59-0	1,2-Dichloroethene, Total	0.010	U	0.010	0.010
179601-23-1	m-Xylene & p-Xylene	0.020	U	0.020	0.020
1330-20-7	Xylenes, Total	0.010	U	0.010	0.010

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\6610_007.D
Lims ID: 200-21419-A-12 Lab Sample ID: 200-21419-12
Client ID: 2800
Sample Type: Client
Inject. Date: 19-Mar-2014 17:41:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 200-0006610-007
Misc. Info.: 21419-12
Operator ID: wrd Instrument ID: CHE.i

Method: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\TO15_LL_CHE.i.m
Limit Group: AI_TO5LL_Limits
Last Update: 20-Mar-2014 11:21:16 Calib Date: 18-Mar-2014 21:53:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHE.i\20140318-6594.b\6594_012.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: desjardinsb Date: 20-Mar-2014 11:21:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
1 Dichlorodifluoromethane	85		3.163					
2 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					
4 Vinyl chloride	62		3.730					
5 Butadiene	54		3.795					
6 Bromomethane	94		4.399					
7 Chloroethane	64		4.597					
8 Vinyl bromide	106		4.972					
9 Trichlorofluoromethane	101		5.073					
10 1,1,2-Trichloro-1,2,2-trifluoroe	101		6.202					
11 1,1-Dichloroethene	96		6.261					
12 3-Chloro-1-propene	41		7.047					
13 Methylene Chloride	49	7.341	7.336	0.005	83	10947	0.0269	
14 Methyl tert-butyl ether	73		7.732					
15 trans-1,2-Dichloroethene	61		7.775					
16 Hexane	57		8.139					
17 1,1-Dichloroethane	63		8.561					
S 18 1,2-Dichloroethene, Total	61		9.200					
19 cis-1,2-Dichloroethene	96		9.524					
* 20 Chlorobromomethane	128	9.899	9.899	0.0	80	1330546	2.00	
21 Chloroform	83		9.984					
22 1,1,1-Trichloroethane	97		10.230					
23 Cyclohexane	84		10.230					
24 Carbon tetrachloride	117		10.439					
25 Isooctane	57		10.739					
26 Benzene	78		10.776					
27 1,2-Dichloroethane	62		10.888					
28 n-Heptane	43		11.006					
* 29 1,4-Difluorobenzene	114	11.348	11.348	0.0	93	6972622	2.00	
30 Trichloroethene	95		11.707					
31 1,2-Dichloropropane	63		12.081					
32 Dichlorobromomethane	83		12.456					

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ppb v/v	Flags
33 cis-1,3-Dichloropropene	75		13.087					
34 Toluene	92		13.510					
35 trans-1,3-Dichloropropene	75		13.884					
36 1,1,2-Trichloroethane	83		14.157					
37 Tetrachloroethene	166		14.280					
38 Chlorodibromomethane	129		14.708					
39 Ethylene Dibromide	107		14.911					
* 40 Chlorobenzene-d5	117	15.484	15.484	0.0	82	6256505	2.00	
42 Ethylbenzene	91		15.596					
43 m-Xylene & p-Xylene	106		15.746					
S 44 Xylenes, Total	106		16.000					
45 o-Xylene	106		16.265					
46 Bromoform	173		16.586					
47 1,1,2,2-Tetrachloroethane	83		17.105					
48 4-Ethyltoluene	105		17.292					
49 1,3,5-Trimethylbenzene	105		17.361					

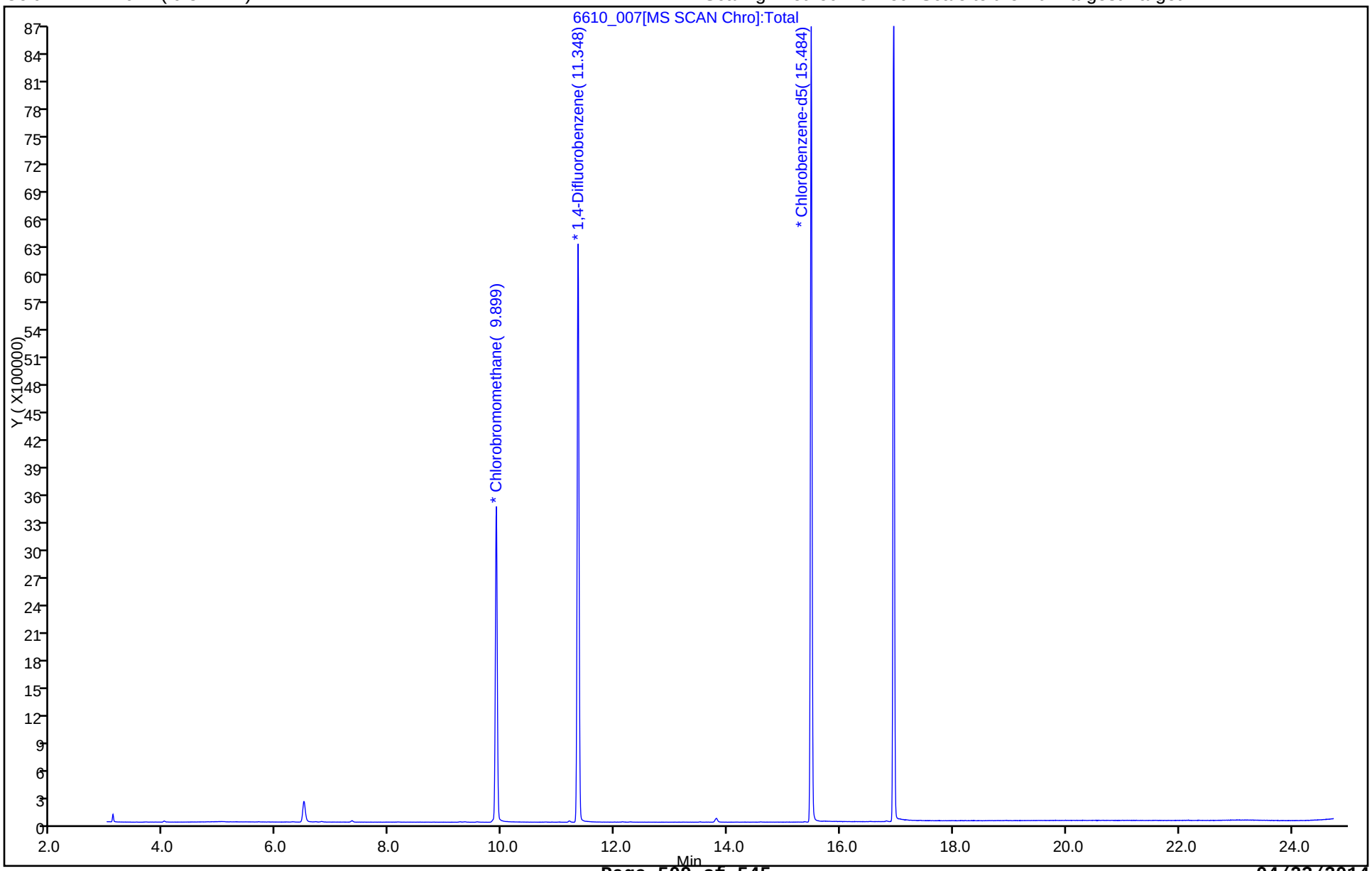
Report Date: 20-Mar-2014 11:21:17 Chrom Revision: 2.2 12-Mar-2014 11:19:24

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHE.i\20140319-6610.b\6610_007.D

Injection Date:	19-Mar-2014 17:41:30	Instrument ID:	CHE.i	Operator ID:	wrd
Lims ID:	200-21419-A-12	Lab Sample ID:	200-21419-12	Worklist Smp#:	7
Client ID:	2800				
Purge Vol:	500.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	TO15_LL_CHE.i	Limit Group:	AI_TO5LL_Limits		

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.: 200-21336-1 Analy Batch No.: 66895

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 24985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-66895/3	egb003.D
Level 2	IC 200-66895/4	egb004.D
Level 3	IC 200-66895/5	egb005.D
Level 4	IC 200-66895/6	egb006.D
Level 5	ICIS 200-66895/7	egb007.D
Level 6	IC 200-66895/8	egb008.D
Level 7	IC 200-66895/9	egb009.D
Level 8	IC 200-66895/10	egb010.D
Level 9	IC 200-66895/11	egb011.D
Level 10	IC 200-66895/12	egb012.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 9	LVL 5 LVL 10		B	M1	M2								
Dichlorodifluoromethane	0.7605 0.7324	0.7758 +++++	0.7778 0.6613	0.6456 +++++	0.7133 +++++	Ave		0.7238				7.4		30.0			
1,2-Dichlorotetrafluoroethane	0.6777 0.7102	0.6865 0.6540	0.6644 0.6439	0.6380 0.6294	0.7088 0.5402	Ave		0.6553				7.5		30.0			
Vinyl chloride	0.1684 0.1805	0.1787 +++++	0.1811 0.1689	0.1727 +++++	0.1789 +++++	Ave		0.1768				2.8		30.0			
1,3-Butadiene	0.1166 0.1085	0.1179 +++++	0.1020 0.1035	0.1039 +++++	0.1130 +++++	Ave		0.1081				5.8		30.0			
Bromomethane	0.2721 0.2485	0.2696 +++++	0.2570 0.2247	0.2322 +++++	0.2532 +++++	Ave		0.2475				6.7		30.0			
Chloroethane	0.0922 0.1019	0.0986 +++++	0.1169 0.0890	0.0924 +++++	0.1004 +++++	Ave		0.0999				9.7		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.3678	0.3863 +++++	0.3662 0.3401	0.3350 +++++	0.3649 +++++	Ave		0.3600				5.3		30.0			
Trichlorofluoromethane	1.1108 1.1499	1.1417 +++++	1.1584 1.0678	1.0397 +++++	1.1279 +++++	Ave		1.1138				4.0		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 1.1370	+++++ +++++	1.0989 1.0747	0.9870 +++++	1.0983 +++++	Ave		1.0792				5.2		30.0			
1,1-Dichloroethene	0.5443 0.5269	0.5833 +++++	0.4716 0.5276	0.4286 +++++	0.5105 +++++	Ave		0.5133				9.8		30.0			
3-Chloropropene	0.4905 0.4226	0.4789 +++++	0.4116 0.3826	0.3176 +++++	0.4141 +++++	Ave		0.4168				14.0		30.0			
Methylene Chloride	2.1926 0.5619	1.6132 0.4688	1.3599 0.4471	0.5971 0.4358	0.5950 0.3748	Ave		0.4972				18.0		30.0			
Methyl tert-butyl ether	1.2117 1.3793	1.2169 +++++	1.2639 1.1792	1.0038 +++++	1.2513 +++++	Ave		1.2152				9.3		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.: 200-21336-1 Analy Batch No.: 66895

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 24985

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 9	LVL 5 LVL 10		B	M1	M2								
trans-1,2-Dichloroethene	0.6171 0.6948	0.5976 +++++	0.6538 0.6530	0.6134 +++++	0.6785 +++++	Ave		0.6440				5.6		30.0			
n-Hexane	0.7055 0.6909	0.7095 +++++	0.7073 0.6512	0.6165 +++++	0.6646 +++++	Ave		0.6779				5.2		30.0			
1,1-Dichloroethane	0.8353 0.9002	0.8509 +++++	0.8390 0.8048	0.7395 +++++	0.8733 +++++	Ave		0.8347				6.2		30.0			
cis-1,2-Dichloroethene	0.6425 0.6117	0.5741 +++++	0.5922 0.5617	0.5042 +++++	0.5724 +++++	Ave		0.5798				7.5		30.0			
Chloroform	0.9608 1.1473	1.0711 +++++	1.0524 1.0212	0.9436 +++++	1.0987 +++++	Ave		1.0422				7.0		30.0			
1,1,1-Trichloroethane	0.2149 0.2366	0.2075 +++++	0.2160 0.2175	0.1934 +++++	0.2268 +++++	Ave		0.2161				6.4		30.0			
Cyclohexane	0.1605 0.1704	0.1582 +++++	0.1504 0.1563	0.1443 +++++	0.1662 +++++	Ave		0.1580				5.6		30.0			
Carbon tetrachloride	0.2096 0.2453	0.2134 +++++	0.2103 0.2364	0.1991 +++++	0.2323 +++++	Ave		0.2209				7.7		30.0			
2,2,4-Trimethylpentane	0.3860 0.4703	0.4163 +++++	0.4247 0.4119	0.3941 +++++	0.4515 +++++	Ave		0.4221				7.1		30.0			
Benzene	0.3371 0.3494	0.3565 +++++	0.3500 0.3029	0.2810 +++++	0.3339 +++++	Ave		0.3301				8.5		30.0			
1,2-Dichloroethane	0.1009 0.1235	0.1110 +++++	0.1096 0.1059	0.0968 +++++	0.1178 +++++	Ave		0.1094				8.5		30.0			
n-Heptane	0.1555 0.1434	0.1484 +++++	0.1432 0.1231	0.1187 +++++	0.1368 +++++	Ave		0.1384				9.6		30.0			
Trichloroethene	0.1497 0.1550	0.1622 +++++	0.1487 0.1401	0.1308 +++++	0.1489 +++++	Ave		0.1479				6.8		30.0			
1,2-Dichloropropane	0.1213 0.1183	0.1092 +++++	0.1069 0.1013	0.0889 +++++	0.1087 +++++	Ave		0.1056				9.3		30.0			
Bromodichloromethane	0.1765 0.2225	0.1690 +++++	0.1788 0.2042	0.1630 +++++	0.2011 +++++	Ave		0.1879				12.0		30.0			
cis-1,3-Dichloropropene	0.1311 0.1672	0.1266 +++++	0.1400 0.1389	0.1199 +++++	0.1478 +++++	Ave		0.1388				11.0		30.0			
Toluene	0.2712 0.2810	0.2723 +++++	0.2686 0.2322	0.2112 +++++	0.2566 +++++	Ave		0.2562				9.9		30.0			
trans-1,3-Dichloropropene	0.1269 0.1563	0.1177 +++++	0.1208 0.1205	0.1057 +++++	0.1364 +++++	Ave		0.1263				13.0		30.0			
1,1,2-Trichloroethane	0.1116 0.1320	0.1113 +++++	0.1248 0.1182	0.1014 +++++	0.1187 +++++	Ave		0.1169				8.5		30.0			
Tetrachloroethene	0.2199 0.2394	0.2134 +++++	0.2177 0.2251	0.1935 +++++	0.2278 +++++	Ave		0.2195				6.5		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.: 200-21336-1 Analy Batch No.: 66895

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 24985

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 9	LVL 5 LVL 10		B	M1	M2								
Dibromochloromethane	0.1560 0.2366	0.1749 +++++	0.1826 0.2289	0.1542 +++++	0.2001 +++++	Ave		0.1905				17.0		30.0			
1,2-Dibromoethane	0.1593 0.2278	0.1701 +++++	0.1802 0.1956	0.1580 +++++	0.1975 +++++	Ave		0.1841				14.0		30.0			
Ethylbenzene	0.5253 0.5814	0.4915 +++++	0.5102 0.4655	0.4190 +++++	0.5245 +++++	Ave		0.5025				10.0		30.0			
m-Xylene & p-Xylene	0.1951 0.2468	0.1962 +++++	0.2073 0.1804	0.1701 +++++	0.2141 +++++	Ave		0.2014				12.0		30.0			
o-Xylene	0.1864 0.2394	0.1921 +++++	0.1927 0.1954	0.1628 +++++	0.2087 +++++	Ave		0.1968				12.0		30.0			
Bromoform	0.1334 0.2086	0.1360 +++++	0.1437 0.2064	0.1164 +++++	0.1602 +++++	Ave		0.1578				23.0		30.0			
1,1,2,2-Tetrachloroethane	0.2506 0.3338	0.2271 +++++	0.2575 0.2789	0.2254 +++++	0.2869 +++++	Ave		0.2657				14.0		30.0			
4-Ethyltoluene	0.3718 0.6420	0.3469 +++++	0.4118 0.4153	0.3977 +++++	0.5317 +++++	Ave		0.4453				23.0		30.0			
1,3,5-Trimethylbenzene	0.3095 0.5422	0.2814 +++++	0.3214 +++++	0.3267 +++++	0.4534 +++++	Ave		0.3909				25.0		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.: 200-21336-1 Analy Batch No.: 66895

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 24985

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-66895/3	egb003.D
Level 2	IC 200-66895/4	egb004.D
Level 3	IC 200-66895/5	egb005.D
Level 4	IC 200-66895/6	egb006.D
Level 5	ICIS 200-66895/7	egb007.D
Level 6	IC 200-66895/8	egb008.D
Level 7	IC 200-66895/9	egb009.D
Level 8	IC 200-66895/10	egb010.D
Level 9	IC 200-66895/11	egb011.D
Level 10	IC 200-66895/12	egb012.D

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Dichlorodifluoromethane	BCM	Ave	5108 244523	10043 +++++	19585 474878	46169 +++++	93156 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,2-Dichlorotetrafluoroethane	BCM	Ave	4552 237089	8886 372263	16729 462370	45624 688159	92570 896763	0.0100 0.500	0.0201 0.749	0.0402 0.999	0.100 1.50	0.200 2.00
Vinyl chloride	BCM	Ave	1131 60253	2313 +++++	4559 121275	12353 +++++	23366 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,3-Butadiene	BCM	Ave	783 36235	1526 +++++	2569 74315	7430 +++++	14756 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Bromomethane	BCM	Ave	1828 82962	3490 +++++	6470 161317	16602 +++++	33073 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Chloroethane	BCM	Ave	619 34021	1276 +++++	2943 63880	6609 +++++	13115 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 122782	5000 +++++	9220 244195	23955 +++++	47651 +++++	+++++ 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Trichlorofluoromethane	BCM	Ave	7461 383900	14779 +++++	29168 766776	74350 +++++	147303 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,1,2-Trichloro-1,2,2-trifluoroetha ne	BCM	Ave	+++++ 379589	+++++ +++++	27670 771682	70578 +++++	143433 +++++	+++++ 0.500	+++++ +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,1-Dichloroethene	BCM	Ave	3656 175909	7550 +++++	11874 378857	30653 +++++	66674 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
3-Chloropropene	BCM	Ave	3295 141076	6199 +++++	10363 274727	22712 +++++	54082 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Methylene Chloride	BCM	Ave	14728 187586	20882 266846	34240 321084	42702 476441	77707 622101	0.0100 0.500	0.0201 0.749	0.0402 0.999	0.100 1.50	0.200 2.00
Methyl tert-butyl ether	BCM	Ave	8139 460487	15752 +++++	31825 846755	71780 +++++	163412 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
trans-1,2-Dichloroethene	BCM	Ave	4145 231956	7736 +++++	16463 468893	43862 +++++	88608 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21336-1 Analy Batch No.: 66895

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 24985

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
n-Hexane	BCM	Ave	4739 230654	9184 +++++	17810 467604	44087 +++++	86800 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,1-Dichloroethane	BCM	Ave	5611 300542	11014 +++++	21124 577929	52881 +++++	114051 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
cis-1,2-Dichloroethene	BCM	Ave	4316 204224	7432 +++++	14912 403314	36058 +++++	74747 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Chloroform	BCM	Ave	6454 383010	13865 +++++	26499 733265	67480 +++++	143491 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,1,1-Trichloroethane	DFB	Ave	7108 393916	13351 +++++	27153 774870	69077 +++++	147115 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Cyclohexane	DFB	Ave	5309 283670	10180 +++++	18906 556742	51554 +++++	107761 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Carbon tetrachloride	DFB	Ave	6933 408300	13726 +++++	26448 842295	71134 +++++	150650 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
2,2,4-Trimethylpentane	DFB	Ave	12771 782904	26783 +++++	53401 1467615	140801 +++++	292849 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Benzene	DFB	Ave	11153 581665	22934 +++++	44007 1079148	100394 +++++	216576 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,2-Dichloroethane	DFB	Ave	3338 205510	7139 +++++	13787 377347	34591 +++++	76399 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
n-Heptane	DFB	Ave	5143 238633	9550 +++++	18003 438550	42420 +++++	88711 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Trichloroethene	DFB	Ave	4953 258048	10434 +++++	18695 499323	46717 +++++	96574 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,2-Dichloropropane	DFB	Ave	4013 196852	7027 +++++	13439 360962	31778 +++++	70490 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Bromodichloromethane	DFB	Ave	5840 370336	10875 +++++	22478 727752	58242 +++++	130451 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
cis-1,3-Dichloropropene	DFB	Ave	4336 278396	8143 +++++	17600 494798	42850 +++++	95843 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Toluene	CBZ	Ave	8173 438337	15884 +++++	30981 759093	70218 +++++	155003 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
trans-1,3-Dichloropropene	DFB	Ave	4198 260194	7570 +++++	15188 429337	37755 +++++	88480 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,1,2-Trichloroethane	CBZ	Ave	3363 205920	6489 +++++	14400 386292	33700 +++++	71735 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Tetrachloroethene	CBZ	Ave	6628 373450	12446 +++++	25117 735651	64319 +++++	137631 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Dibromochloromethane	CBZ	Ave	4701 369166	10199 +++++	21063 748351	51277 +++++	120867 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,2-Dibromoethane	CBZ	Ave	4800 355451	9923 +++++	20789 639347	52519 +++++	119317 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21336-1 Analy Batch No.: 66895

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 24985

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Ethylbenzene	CBZ	Ave	15832 906937	28665 +++++	58859 1521575	139300 +++++	316825 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
m-Xylene & p-Xylene	CBZ	Ave	11760 770032	22891 +++++	47821 1179394	113065 +++++	258728 +++++	0.0201 1.00	0.0402 +++++	0.0804 2.00	0.200 +++++	0.400 +++++
o-Xylene	CBZ	Ave	5617 373513	11205 +++++	22224 638534	54109 +++++	126053 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
Bromoform	CBZ	Ave	4020 325442	7932 +++++	16582 674614	38705 +++++	96748 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,1,2,2-Tetrachloroethane	CBZ	Ave	7553 520777	13246 +++++	29702 911537	74925 +++++	173339 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
4-Ethyltoluene	CBZ	Ave	11205 1001582	20233 +++++	47499 1357612	132211 +++++	321219 +++++	0.0100 0.500	0.0201 +++++	0.0402 0.999	0.100 +++++	0.200 +++++
1,3,5-Trimethylbenzene	CBZ	Ave	9327 845832	16411 +++++	37079 +++++	108600 +++++	273898 +++++	0.0100 0.500	0.0201 +++++	0.0402 +++++	0.100 +++++	0.200 +++++

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.: 200-21336-1 Analy Batch No.: 69198

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 25900

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-69198/3	egb003a.D
Level 2	IC 200-69198/4	egb004a.D
Level 3	IC 200-69198/5	egb005a.D
Level 4	IC 200-69198/6	egb006a.D
Level 5	ICIS 200-69198/7	egb007a.D
Level 6	IC 200-69198/8	egb008a.D
Level 7	IC 200-69198/9	egb009a.D
Level 8	IC 200-69198/10	egb010a.D
Level 9	IC 200-69198/11	egb011a.D
Level 10	IC 200-69198/12	egb012a.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 9	LVL 5 LVL 10		B	M1	M2								
Chloromethane	+++++ 0.1537	+++++ 0.1264	+++++ 0.1245	0.1586 0.1204	0.1587 0.1045	Ave		0.1353				16.0		30.0			
Chlorobenzene	+++++ 0.3979	+++++ 0.2799	0.3605 0.2884	0.3067 0.3081	0.3678 0.2755	Ave		0.3231				14.0		30.0			
1,2,4-Trimethylbenzene	+++++ 0.5092	+++++ 0.3264	0.2942 0.3099	0.2761 0.3825	0.3948 0.3185	Ave		0.3515				22.0		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.: 200-21336-1 Analy Batch No.: 69198

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2014 17:39 Calibration End Date: 01/08/2014 01:48 Calibration ID: 25900

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-69198/3	egb003a.D
Level 2	IC 200-69198/4	egb004a.D
Level 3	IC 200-69198/5	egb005a.D
Level 4	IC 200-69198/6	egb006a.D
Level 5	ICIS 200-69198/7	egb007a.D
Level 6	IC 200-69198/8	egb008a.D
Level 7	IC 200-69198/9	egb009a.D
Level 8	IC 200-69198/10	egb010a.D
Level 9	IC 200-69198/11	egb011a.D
Level 10	IC 200-69198/12	egb012a.D

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 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Chloromethane	BCM	Ave	+++++ 51321	+++++ 71936	+++++ 89379	11353 131624	20758 173496	+++++ 0.500	+++++ 0.749	+++++ 0.999	0.100 1.50	0.200 2.00
Chlorobenzene	CBZ	Ave	+++++ 620772	+++++ 739206	41591 942727	101951 1529139	222182 2083621	+++++ 0.500	+++++ 0.749	0.0402 0.999	0.100 1.50	0.200 2.00
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 794299	+++++ 862136	33934 1012798	91798 1898268	238523 2408734	+++++ 0.500	+++++ 0.749	0.0402 0.999	0.100 1.50	0.200 2.00

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.: 200-21419-1 Analy Batch No.: 69618

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-69618/4	6594_004.D
Level 2	IC 200-69618/5	6594_005.D
Level 3	IC 200-69618/6	6594_006.D
Level 4	ICIS 200-69618/7	6594_007.D
Level 5	IC 200-69618/8	6594_008.D
Level 6	IC 200-69618/9	6594_009.D
Level 7	IC 200-69618/10	6594_010.D
Level 8	IC 200-69618/11	6594_011.D
Level 9	IC 200-69618/12	6594_012.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 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.8704 +++++	0.8305 0.9127	0.9279 +++++	0.9436 +++++	0.9290	Ave		0.8992				4.5		30.0			
1,2-Dichlorotetrafluoroethane	0.6994 +++++	0.7239 0.7788	0.7968 +++++	0.7965 +++++	0.8016	Ave		0.7648				5.2		30.0			
Chloromethane	+++++ 0.1813	+++++ 0.1815	0.2325 0.1699	0.2070 0.1582	0.1955	Ave		0.1894				13.0		30.0			
Vinyl chloride	0.2375 +++++	0.2286 0.2355	0.2410 +++++	0.2439 +++++	0.2477	Ave		0.2390				2.8		30.0			
1,3-Butadiene	0.1395 +++++	0.1307 0.1372	0.1553 +++++	0.1505 +++++	0.1485	Ave		0.1436				6.5		30.0			
Bromomethane	0.3184 +++++	0.2896 0.2890	0.3193 +++++	0.3202 +++++	0.3090	Ave		0.3076				4.8		30.0			
Chloroethane	0.1410 +++++	0.1193 0.1118	0.1323 +++++	0.1282 +++++	0.1228	Ave		0.1259				8.1		30.0			
Bromoethene(Vinyl Bromide)	0.4564 +++++	0.4415 0.4266	0.4581 +++++	0.4525 +++++	0.4513	Ave		0.4477				2.7		30.0			
Trichlorofluoromethane	1.2058 +++++	1.1672 1.2999	1.3091 +++++	1.3644 +++++	1.3560	Ave		1.3002				6.6		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2024 +++++	1.1651 1.2201	1.2492 +++++	1.2563 +++++	1.2687	Ave		1.2381				3.7		30.0			
1,1-Dichloroethene	0.6078 +++++	0.5694 0.6085	0.5881 +++++	0.6064 +++++	0.6194	Ave		0.6156				7.3		30.0			
3-Chloropropene	0.5191 +++++	0.4995 0.4836	0.5069 +++++	0.5305 +++++	0.5518	Ave		0.5313				9.0		30.0			
Methylene Chloride	+++++ 0.6291	+++++ 0.5527	0.7458 0.5342	0.6709 0.5137	0.6422	Ave		0.6127				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.: 200-21419-1 Analy Batch No.: 69618

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5		B	M1	M2								
Methyl tert-butyl ether	+++++ +++++	1.4160 1.1693	1.3447 +++++	1.5225 +++++	1.6328	Ave		1.4170				12.0		30.0			
trans-1,2-Dichloroethene	0.7436 +++++	0.7154 0.7580	0.7722 +++++	0.7812 +++++	0.8023	Ave		0.7633				3.7		30.0			
n-Hexane	0.7656 +++++	0.7256 0.7989	0.7539 +++++	0.8030 +++++	0.8256	Ave		0.7896				5.6		30.0			
1,1-Dichloroethane	0.9922 +++++	0.9851 0.9528	1.0095 +++++	1.0452 +++++	1.0803	Ave		1.0164				4.3		30.0			
cis-1,2-Dichloroethene	0.6910 +++++	0.6394 0.6302	0.6448 +++++	0.6733 +++++	0.6926	Ave		0.6790				7.6		30.0			
Chloroform	1.2008 +++++	1.1844 1.1676	1.2343 +++++	1.2913 +++++	1.3050	Ave		1.2421				4.9		30.0			
1,1,1-Trichloroethane	0.2236 +++++	0.2309 0.2364	0.2451 +++++	0.2463 +++++	0.2557	Ave		0.2415				4.8		30.0			
Cyclohexane	0.1717 +++++	0.1542 0.1831	0.1794 +++++	0.1772 +++++	0.1818	Ave		0.1767				6.4		30.0			
Carbon tetrachloride	0.2253 +++++	0.2128 0.2557	0.2475 +++++	0.2502 +++++	0.2546	Ave		0.2427				6.9		30.0			
2,2,4-Trimethylpentane	0.5028 +++++	0.4858 0.5229	0.5398 +++++	0.5457 +++++	0.5558	Ave		0.5295				5.1		30.0			
Benzene	0.3750 +++++	0.3577 0.3296	0.3614 +++++	0.3816 +++++	0.3898	Ave		0.3698				6.0		30.0			
1,2-Dichloroethane	0.1205 +++++	0.1258 0.1186	0.1303 +++++	0.1366 +++++	0.1395	Ave		0.1291				6.1		30.0			
n-Heptane	0.1722 +++++	0.1600 0.1626	0.1656 +++++	0.1730 +++++	0.1762	Ave		0.1732				8.3		30.0			
Trichloroethene	0.1607 +++++	0.1498 0.1548	0.1616 +++++	0.1632 +++++	0.1666	Ave		0.1602				3.7		30.0			
1,2-Dichloropropane	+++++ +++++	0.1205 0.1144	0.1266 +++++	0.1330 +++++	0.1387	Ave		0.1267				7.6		30.0			
Bromodichloromethane	0.2020 +++++	0.1949 0.2311	0.2194 +++++	0.2309 +++++	0.2527	Ave		0.2201				9.0		30.0			
cis-1,3-Dichloropropene	0.1523 +++++	0.1581 0.1553	0.1624 +++++	0.1715 +++++	0.1851	Ave		0.1651				7.0		30.0			
Toluene	0.2660 +++++	0.2728 0.2417	0.2653 +++++	0.2907 +++++	0.3079	Ave		0.2807				9.7		30.0			
trans-1,3-Dichloropropene	0.1385 +++++	0.1394 0.1340	0.1450 +++++	0.1536 +++++	0.1695	Ave		0.1461				8.2		30.0			
1,1,2-Trichloroethane	0.1271 +++++	0.1279 0.1198	0.1308 +++++	0.1377 +++++	0.1459	Ave		0.1321				6.4		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.: 200-21419-1 Analy Batch No.: 69618

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.2102 +++++	0.2034 0.2091	0.2153 +++++	0.2200 +++++	0.2228	Ave		0.2165				4.8		30.0			
Dibromochloromethane	0.1857 +++++	0.1863 0.2254	0.1980 +++++	0.2187 +++++	0.2489	Ave		0.2087				11.0		30.0			
1,2-Dibromoethane	0.1782 +++++	0.1797 0.1986	0.1958 +++++	0.2129 +++++	0.2359	Ave		0.1966				11.0		30.0			
Chlorobenzene	+++++ 0.3582	0.3527 0.3194	0.3789 0.3383	0.3941 0.3458	0.4036	Ave		0.3614				8.0		30.0			
Ethylbenzene	0.5425 +++++	0.5517 0.4720	0.5385 +++++	0.5943 +++++	0.6253	Ave		0.5554				8.7		30.0			
m-Xylene & p-Xylene	0.2038 +++++	0.2089 0.1883	0.2133 +++++	0.2377 +++++	0.2556	Ave		0.2169				10.0		30.0			
o-Xylene	0.1959 +++++	0.2065 0.1916	0.2059 +++++	0.2300 +++++	0.2502	Ave		0.2127				9.7		30.0			
Bromoform	0.1260 +++++	0.1294 0.1769	0.1366 +++++	0.1580 +++++	0.1929	Ave		0.1499				18.0		30.0			
1,1,2,2-Tetrachloroethane	0.2455 +++++	0.2714 0.2662	0.2765 +++++	0.2938 +++++	0.3349	Ave		0.2728				13.0		30.0			
4-Ethyltoluene	0.3662 +++++	0.4179 0.4236	0.4265 +++++	0.5040 +++++	0.6041	Ave		0.4407				20.0		30.0			
1,3,5-Trimethylbenzene	0.3269 +++++	0.3359 0.3782	0.3317 +++++	0.4054 +++++	0.4904	Ave		0.3672				18.0		30.0			
1,2,4-Trimethylbenzene	+++++ 0.4166	0.2855 0.3156	0.2803 0.4029	0.3324 0.4302	0.4333	Ave		0.3621				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21419-1 Analy Batch No.: 69618

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-69618/4	6594_004.D
Level 2	IC 200-69618/5	6594_005.D
Level 3	IC 200-69618/6	6594_006.D
Level 4	ICIS 200-69618/7	6594_007.D
Level 5	IC 200-69618/8	6594_008.D
Level 6	IC 200-69618/9	6594_009.D
Level 7	IC 200-69618/10	6594_010.D
Level 8	IC 200-69618/11	6594_011.D
Level 9	IC 200-69618/12	6594_012.D

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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	BCM	Ave	11899 +++++	23067 604925	60123 +++++	130029 +++++	310623	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2-Dichlorotetrafluoroethane	BCM	Ave	9561 +++++	20105 516186	51632 +++++	109758 +++++	268028	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chloromethane	BCM	Ave	+++++ 96709	+++++ 120283	15067 174034	28529 227577	65376	+++++ 0.749	+++++ 0.999	0.0998 1.50	0.200 2.00	0.499
Vinyl chloride	BCM	Ave	3247 +++++	6350 156055	15613 +++++	33616 +++++	82821	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,3-Butadiene	BCM	Ave	1907 +++++	3631 90901	10061 +++++	20742 +++++	49654	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromomethane	BCM	Ave	4353 +++++	8044 191555	20692 +++++	44129 +++++	103302	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chloroethane	BCM	Ave	1927 +++++	3312 74082	8572 +++++	17671 +++++	41073	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromoethene(Vinyl Bromide)	BCM	Ave	6239 +++++	12261 282706	29680 +++++	62355 +++++	150881	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Trichlorofluoromethane	BCM	Ave	16484 +++++	32418 861551	84821 +++++	188013 +++++	453361	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,2-Trichloro-1,2,2-trifluoroetha ne	BCM	Ave	16437 +++++	32360 808642	80941 +++++	173126 +++++	424198	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1-Dichloroethene	BCM	Ave	8309 +++++	15813 403321	38105 +++++	83563 +++++	207108	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
3-Chloropropene	BCM	Ave	7097 +++++	13872 320492	32845 +++++	73108 +++++	184509	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Methylene Chloride	BCM	Ave	+++++ 335554	+++++ 366340	48326 547019	92457 739061	214718	+++++ 0.749	+++++ 0.999	0.0998 1.50	0.200 2.00	0.499
Methyl tert-butyl ether	BCM	Ave	+++++ +++++	39326 774981	87129 +++++	209797 +++++	545919	+++++ +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21419-1 Analy Batch No.: 69618

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
trans-1,2-Dichloroethene	BCM	Ave	10165 +++++	19868 502371	50037 +++++	107651 +++++	268254	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
n-Hexane	BCM	Ave	10466 +++++	20151 529476	48851 +++++	110653 +++++	276047	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1-Dichloroethane	BCM	Ave	13564 +++++	27359 631516	65409 +++++	144035 +++++	361197	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
cis-1,2-Dichloroethene	BCM	Ave	9447 +++++	17757 417685	41783 +++++	92783 +++++	231559	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chloroform	BCM	Ave	16415 +++++	32894 773880	79976 +++++	177948 +++++	436311	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,1-Trichloroethane	DFB	Ave	15504 +++++	33181 796164	79861 +++++	173944 +++++	441691	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Cyclohexane	DFB	Ave	11907 +++++	22164 616536	58426 +++++	125140 +++++	313997	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Carbon tetrachloride	DFB	Ave	15624 +++++	30588 861006	80642 +++++	176729 +++++	439759	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
2,2,4-Trimethylpentane	DFB	Ave	34859 +++++	69820 1760915	175860 +++++	385397 +++++	960140	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Benzene	DFB	Ave	26000 +++++	51404 1110041	117733 +++++	269470 +++++	673445	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2-Dichloroethane	DFB	Ave	8356 +++++	18073 399410	42441 +++++	96476 +++++	240981	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
n-Heptane	DFB	Ave	11940 +++++	22996 547436	53959 +++++	122195 +++++	304456	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Trichloroethene	DFB	Ave	11145 +++++	21523 521274	52643 +++++	115245 +++++	287849	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2-Dichloropropane	DFB	Ave	+++++ +++++	17323 385251	41241 +++++	93920 +++++	239677	+++++ +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromodichloromethane	DFB	Ave	14008 +++++	28011 778196	71458 +++++	163069 +++++	436507	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
cis-1,3-Dichloropropene	DFB	Ave	10558 +++++	22724 522994	52900 +++++	121088 +++++	319831	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Toluene	CBZ	Ave	16961 +++++	35836 761278	79350 +++++	188997 +++++	490133	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
trans-1,3-Dichloropropene	DFB	Ave	9602 +++++	20031 451417	47252 +++++	108493 +++++	292882	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,2-Trichloroethane	CBZ	Ave	8103 +++++	16800 377235	39130 +++++	89498 +++++	232248	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Tetrachloroethene	CBZ	Ave	13401 +++++	26721 658702	64394 +++++	143033 +++++	354642	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Dibromochloromethane	CBZ	Ave	11839 +++++	24468 710030	59203 +++++	142170 +++++	396238	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-21419-1 Analy Batch No.: 69618

SDG No.:

Instrument ID: CHE.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2014 14:38 Calibration End Date: 03/18/2014 21:53 Calibration ID: 25987

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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dibromoethane	CBZ	Ave	11358 +++++	23610 625386	58542 +++++	138401 +++++	375596	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Chlorobenzene	CBZ	Ave	+++++ 912637	46326 1005971	113318 1631328	256221 2374655	642539	+++++ 0.749	0.0402 0.999	0.0998 1.50	0.200 2.00	0.499
Ethylbenzene	CBZ	Ave	34587 +++++	72475 1486680	161030 +++++	386408 +++++	995373	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
m-Xylene & p-Xylene	CBZ	Ave	25988 +++++	54869 1186059	127570 +++++	309157 +++++	813747	0.0402 +++++	0.0804 2.00	0.200 +++++	0.399 +++++	0.998
o-Xylene	CBZ	Ave	12488 +++++	27129 603466	61584 +++++	149541 +++++	398268	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
Bromoform	CBZ	Ave	8030 +++++	17000 557097	40862 +++++	102704 +++++	307106	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,1,2,2-Tetrachloroethane	CBZ	Ave	15649 +++++	35645 838536	82702 +++++	191016 +++++	533164	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
4-Ethyltoluene	CBZ	Ave	23349 +++++	54900 1334035	127561 +++++	327687 +++++	961722	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,3,5-Trimethylbenzene	CBZ	Ave	20841 +++++	44127 1191299	99211 +++++	263606 +++++	780672	0.0201 +++++	0.0402 0.999	0.0998 +++++	0.200 +++++	0.499
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 1061615	37500 994016	83825 1942774	216087 2954681	689797	+++++ 0.749	0.0402 0.999	0.0998 1.50	0.200 2.00	0.499

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: ICV 200-66895/15 Calibration Date: 01/08/2014 04:31

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: egb015.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
Dichlorodifluoromethane	Ave	0.7238	0.5562		0.154	0.200	-23.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.6553	0.5371		0.164	0.200	-18.0	30.0
Vinyl chloride	Ave	0.1768	0.1401		0.158	0.200	-20.7	30.0
1,3-Butadiene	Ave	0.1081	0.0864		0.160	0.200	-20.1	30.0
Bromomethane	Ave	0.2475	0.1855		0.150	0.200	-25.1	30.0
Chloroethane	Ave	0.0999	0.0773		0.155	0.200	-22.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.3600	0.2788		0.155	0.200	-22.6	30.0
Trichlorofluoromethane	Ave	1.114	0.8800		0.158	0.200	-21.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.079	0.9854		0.183	0.200	-8.7	30.0
1,1-Dichloroethene	Ave	0.5133	0.4781		0.186	0.200	-6.8	30.0
3-Chloropropene	Ave	0.4168	0.3247		0.156	0.200	-22.1	30.0
Methylene Chloride	Ave	0.4972	0.4617		0.186	0.200	-7.1	30.0
Methyl tert-butyl ether	Ave	1.215	1.014		0.167	0.200	-16.6	30.0
trans-1,2-Dichloroethene	Ave	0.6440	0.5431		0.169	0.200	-15.7	30.0
n-Hexane	Ave	0.6779	0.5555		0.164	0.200	-18.1	30.0
1,1-Dichloroethane	Ave	0.8347	0.6995		0.168	0.200	-16.2	30.0
cis-1,2-Dichloroethene	Ave	0.5798	0.4940		0.170	0.200	-14.8	30.0
Chloroform	Ave	1.042	0.8931		0.171	0.200	-14.3	30.0
1,1,1-Trichloroethane	Ave	0.2161	0.1848		0.171	0.200	-14.5	30.0
Cyclohexane	Ave	0.1580	0.1329		0.168	0.200	-15.9	30.0
Carbon tetrachloride	Ave	0.2209	0.1922		0.174	0.200	-13.0	30.0
2,2,4-Trimethylpentane	Ave	0.4221	0.3689		0.175	0.200	-12.6	30.0
Benzene	Ave	0.3301	0.2793		0.169	0.200	-15.4	30.0
1,2-Dichloroethane	Ave	0.1094	0.0942		0.172	0.200	-13.9	30.0
n-Heptane	Ave	0.1384	0.1097		0.158	0.200	-20.8	30.0
Trichloroethene	Ave	0.1479	0.1214		0.164	0.200	-17.9	30.0
1,2-Dichloropropane	Ave	0.1056	0.0867		0.164	0.200	-17.9	30.0
Bromodichloromethane	Ave	0.1879	0.1665		0.177	0.200	-11.4	30.0
cis-1,3-Dichloropropene	Ave	0.1388	0.1174		0.169	0.200	-15.4	30.0
Toluene	Ave	0.2562	0.2261		0.176	0.200	-11.7	30.0
trans-1,3-Dichloropropene	Ave	0.1263	0.1023		0.162	0.200	-19.0	30.0
1,1,2-Trichloroethane	Ave	0.1169	0.0960		0.164	0.200	-17.8	30.0
Tetrachloroethene	Ave	0.2195	0.1953		0.178	0.200	-11.0	30.0
Dibromochloromethane	Ave	0.1905	0.1743		0.183	0.200	-8.5	30.0
1,2-Dibromoethane	Ave	0.1841	0.1568		0.170	0.200	-14.8	30.0
Ethylbenzene	Ave	0.5025	0.4517		0.180	0.200	-10.1	30.0
m-Xylene & p-Xylene	Ave	0.2014	0.1819		0.361	0.400	-9.7	30.0
o-Xylene	Ave	0.1968	0.1754		0.178	0.200	-10.8	30.0
Bromoform	Ave	0.1578	0.1371		0.174	0.200	-13.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2657	0.2122		0.160	0.200	-20.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: ICV 200-66895/15 Calibration Date: 01/08/2014 04:31

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: egb015.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-Ethyltoluene	Ave	0.4453	0.4209		0.189	0.200	-5.5	30.0
1,3,5-Trimethylbenzene	Ave	0.3909	0.3178		0.163	0.200	-18.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: CCVIS 200-69418/2 Calibration Date: 03/12/2014 10:14

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: 6527_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
Dichlorodifluoromethane	Ave	0.7238	0.9036		0.262	0.200	24.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.6553	0.7859		0.240	0.200	19.9	30.0
Vinyl chloride	Ave	0.1768	0.2350		0.276	0.200	32.9*	30.0
1,3-Butadiene	Ave	0.1081	0.1498		0.285	0.200	38.5*	30.0
Bromomethane	Ave	0.2475	0.3025		0.253	0.200	22.2	30.0
Chloroethane	Ave	0.0999	0.1263		0.268	0.200	26.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.3600	0.4480		0.254	0.200	24.4	30.0
Trichlorofluoromethane	Ave	1.114	1.287		0.239	0.200	15.6	30.0
1,1-Dichloroethene	Ave	0.5133	0.5837		0.226	0.200	13.7	30.0
3-Chloropropene	Ave	0.4168	0.5201		0.268	0.200	24.8	30.0
Methylene Chloride	Ave	0.4972	0.6605		0.153	0.200	32.8*	30.0
Methyl tert-butyl ether	Ave	1.215	1.475		0.246	0.200	21.4	30.0
trans-1,2-Dichloroethene	Ave	0.6440	0.7511		0.236	0.200	16.6	30.0
n-Hexane	Ave	0.6779	0.7445		0.223	0.200	9.8	30.0
1,1-Dichloroethane	Ave	0.8347	1.024		0.250	0.200	22.7	30.0
cis-1,2-Dichloroethene	Ave	0.5798	0.6367		0.223	0.200	9.8	30.0
Chloroform	Ave	1.042	1.259		0.245	0.200	20.8	30.0
1,1,1-Trichloroethane	Ave	0.2161	0.2372		0.221	0.200	9.8	30.0
Cyclohexane	Ave	0.1580	0.1651		0.211	0.200	4.5	30.0
Carbon tetrachloride	Ave	0.2209	0.2374		0.212	0.200	7.5	30.0
2,2,4-Trimethylpentane	Ave	0.4221	0.5292		0.253	0.200	25.4	30.0
Benzene	Ave	0.3301	0.3636		0.225	0.200	10.1	30.0
1,2-Dichloroethane	Ave	0.1094	0.1282		0.238	0.200	17.2	30.0
n-Heptane	Ave	0.1384	0.1624		0.243	0.200	17.3	30.0
Trichloroethene	Ave	0.1479	0.1552		0.217	0.200	4.9	30.0
1,2-Dichloropropane	Ave	0.1056	0.1271		0.246	0.200	20.4	30.0
Bromodichloromethane	Ave	0.1879	0.2231		0.232	0.200	18.8	30.0
cis-1,3-Dichloropropene	Ave	0.1388	0.1671		0.240	0.200	20.4	30.0
Toluene	Ave	0.2562	0.2808		0.225	0.200	9.6	30.0
trans-1,3-Dichloropropene	Ave	0.1263	0.1510		0.242	0.200	19.6	30.0
1,1,2-Trichloroethane	Ave	0.1169	0.1346		0.230	0.200	15.2	30.0
Tetrachloroethene	Ave	0.2195	0.2040		0.184	0.200	-7.1	30.0
Dibromochloromethane	Ave	0.1905	0.2109		0.207	0.200	10.7	30.0
1,2-Dibromoethane	Ave	0.1841	0.2073		0.221	0.200	12.6	30.0
Ethylbenzene	Ave	0.5025	0.5653		0.230	0.200	12.5	30.0
m-Xylene & p-Xylene	Ave	0.2014	0.2266		0.464	0.399	12.5	30.0
o-Xylene	Ave	0.1968	0.2248		0.228	0.200	14.2	30.0
Bromoform	Ave	0.1578	0.1517		0.173	0.200	-3.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2657	0.3154		0.232	0.200	18.7	30.0
4-Ethyltoluene	Ave	0.4453	0.5267		0.238	0.200	18.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: CCVIS 200-69418/2 Calibration Date: 03/12/2014 10:14

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: 6527_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
1,3,5-Trimethylbenzene	Ave	0.3909	0.4407		0.222	0.200	12.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: CCVIS 200-69418/2 Calibration Date: 03/12/2014 10:14

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: 6527_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
Chloromethane	Ave	0.1353	0.1986		0.210	0.200	46.8*	30.0
Chlorobenzene	Ave	0.3231	0.3738		0.227	0.200	15.7	30.0
1,2,4-Trimethylbenzene	Ave	0.3515	0.3797		0.228	0.200	8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: CCVIS 200-69481/2 Calibration Date: 03/14/2014 10:12

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: 6551_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
Dichlorodifluoromethane	Ave	0.7238	0.9530		0.276	0.200	31.7*	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.6553	0.8255		0.252	0.200	26.0	30.0
Vinyl chloride	Ave	0.1768	0.2543		0.298	0.200	43.8*	30.0
1,3-Butadiene	Ave	0.1081	0.1660		0.316	0.200	53.5*	30.0
Bromomethane	Ave	0.2475	0.3296		0.276	0.200	33.2*	30.0
Chloroethane	Ave	0.0999	0.1332		0.283	0.200	33.4*	30.0
Bromoethene(Vinyl Bromide)	Ave	0.3600	0.4564		0.259	0.200	26.8	30.0
Trichlorofluoromethane	Ave	1.114	1.323		0.245	0.200	18.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.079	1.247		0.233	0.200	15.5	30.0
1,1-Dichloroethene	Ave	0.5133	0.5973		0.231	0.200	16.4	30.0
3-Chloropropene	Ave	0.4168	0.5266		0.272	0.200	26.3	30.0
Methylene Chloride	Ave	0.4972	0.6830		0.158	0.200	37.4*	30.0
Methyl tert-butyl ether	Ave	1.215	1.570		0.262	0.200	29.2	30.0
trans-1,2-Dichloroethene	Ave	0.6440	0.7659		0.241	0.200	18.9	30.0
n-Hexane	Ave	0.6779	0.7754		0.233	0.200	14.4	30.0
1,1-Dichloroethane	Ave	0.8347	1.052		0.257	0.200	26.1	30.0
cis-1,2-Dichloroethene	Ave	0.5798	0.6834		0.240	0.200	17.9	30.0
Chloroform	Ave	1.042	1.252		0.244	0.200	20.1	30.0
1,1,1-Trichloroethane	Ave	0.2161	0.2418		0.225	0.200	11.9	30.0
Cyclohexane	Ave	0.1580	0.1680		0.215	0.200	6.3	30.0
Carbon tetrachloride	Ave	0.2209	0.2403		0.214	0.200	8.8	30.0
2,2,4-Trimethylpentane	Ave	0.4221	0.5405		0.258	0.200	28.0	30.0
Benzene	Ave	0.3301	0.3804		0.235	0.200	15.2	30.0
n-Heptane	Ave	0.1384	0.1721		0.258	0.200	24.3	30.0
Trichloroethene	Ave	0.1479	0.1575		0.220	0.200	6.5	30.0
1,2-Dichloropropane	Ave	0.1056	0.1334		0.258	0.200	26.4	30.0
Bromodichloromethane	Ave	0.1879	0.2291		0.238	0.200	22.0	30.0
cis-1,3-Dichloropropene	Ave	0.1388	0.1727		0.248	0.200	24.4	30.0
Toluene	Ave	0.2562	0.2907		0.233	0.200	13.5	30.0
trans-1,3-Dichloropropene	Ave	0.1263	0.1536		0.246	0.200	21.6	30.0
1,1,2-Trichloroethane	Ave	0.1169	0.1385		0.237	0.200	18.5	30.0
Tetrachloroethene	Ave	0.2195	0.2124		0.192	0.200	-3.3	30.0
Dibromochloromethane	Ave	0.1905	0.2174		0.213	0.200	14.1	30.0
1,2-Dibromoethane	Ave	0.1841	0.2115		0.225	0.200	14.9	30.0
Ethylbenzene	Ave	0.5025	0.5946		0.242	0.200	18.3	30.0
m-Xylene & p-Xylene	Ave	0.2014	0.2411		0.493	0.399	19.7	30.0
Bromoform	Ave	0.1578	0.1581		0.180	0.200	0.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2657	0.3239		0.238	0.200	21.9	30.0
4-Ethyltoluene	Ave	0.4453	0.5576		0.252	0.200	25.2	30.0
1,3,5-Trimethylbenzene	Ave	0.3909	0.4628		0.233	0.200	18.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Lab Sample ID: CCVIS 200-69481/2 Calibration Date: 03/14/2014 10:12

Instrument ID: CHE.i Calib Start Date: 01/07/2014 17:39

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2014 01:48

Lab File ID: 6551_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
Chloromethane	Ave	0.1353	0.2193		0.232	0.200	62.2*	30.0
1,2-Dichloroethane	Ave	0.1093	0.1323		0.246	0.200	21.0	30.0
Chlorobenzene	Ave	0.3231	0.3860		0.234	0.200	19.4	30.0
o-Xylene	Ave	0.1968	0.2380		0.242	0.200	21.0	30.0
1,2,4-Trimethylbenzene	Ave	0.3515	0.3846		0.231	0.200	9.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Lab Sample ID: ICV 200-69618/15 Calibration Date: 03/19/2014 00:36

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6594_015.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
Dichlorodifluoromethane	Ave	0.8992	0.7536		0.168	0.200	-16.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7648	0.7374		0.193	0.200	-3.6	30.0
Chloromethane	Ave	0.1894	0.1590		0.168	0.200	-16.1	30.0
Vinyl chloride	Ave	0.2390	0.1954		0.164	0.200	-18.3	30.0
1,3-Butadiene	Ave	0.1436	0.1180		0.165	0.200	-17.8	30.0
Bromomethane	Ave	0.3076	0.2536		0.165	0.200	-17.6	30.0
Chloroethane	Ave	0.1259	0.1026		0.163	0.200	-18.5	30.0
Bromoethene(Vinyl Bromide)	Ave	0.4477	0.3802		0.170	0.200	-15.1	30.0
Trichlorofluoromethane	Ave	1.300	1.121		0.173	0.200	-13.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.238	1.177		0.191	0.200	-5.0	30.0
1,1-Dichloroethene	Ave	0.6156	0.5787		0.188	0.200	-6.0	30.0
3-Chloropropene	Ave	0.5313	0.4537		0.171	0.200	-14.6	30.0
Methylene Chloride	Ave	0.6127	0.5751		0.188	0.200	-6.1	30.0
Methyl tert-butyl ether	Ave	1.417	1.409		0.199	0.200	-0.6	30.0
trans-1,2-Dichloroethene	Ave	0.7633	0.7631		0.200	0.200	-0.0	30.0
n-Hexane	Ave	0.7896	0.7955		0.202	0.200	0.7	30.0
1,1-Dichloroethane	Ave	1.016	0.9705		0.191	0.200	-4.5	30.0
cis-1,2-Dichloroethene	Ave	0.6790	0.6353		0.188	0.200	-6.4	30.0
Chloroform	Ave	1.242	1.184		0.191	0.200	-4.7	30.0
1,1,1-Trichloroethane	Ave	0.2415	0.2283		0.190	0.200	-5.5	30.0
Cyclohexane	Ave	0.1767	0.1708		0.194	0.200	-3.4	30.0
Carbon tetrachloride	Ave	0.2427	0.2327		0.192	0.200	-4.1	30.0
2,2,4-Trimethylpentane	Ave	0.5295	0.4899		0.185	0.200	-7.5	30.0
Benzene	Ave	0.3698	0.3503		0.190	0.200	-5.3	30.0
1,2-Dichloroethane	Ave	0.1291	0.1205		0.187	0.200	-6.6	30.0
n-Heptane	Ave	0.1732	0.1489		0.172	0.200	-14.0	30.0
Trichloroethene	Ave	0.1602	0.1552		0.194	0.200	-3.1	30.0
1,2-Dichloropropane	Ave	0.1267	0.1185		0.188	0.200	-6.4	30.0
Bromodichloromethane	Ave	0.2201	0.2092		0.191	0.200	-4.9	30.0
cis-1,3-Dichloropropene	Ave	0.1651	0.1607		0.195	0.200	-2.7	30.0
Toluene	Ave	0.2807	0.2813		0.201	0.200	0.2	30.0
trans-1,3-Dichloropropene	Ave	0.1461	0.1416		0.194	0.200	-3.0	30.0
1,1,2-Trichloroethane	Ave	0.1321	0.1331		0.202	0.200	0.8	30.0
Tetrachloroethene	Ave	0.2165	0.2236		0.207	0.200	3.3	30.0
Dibromochloromethane	Ave	0.2087	0.2026		0.195	0.200	-2.9	30.0
1,2-Dibromoethane	Ave	0.1966	0.2051		0.209	0.200	4.4	30.0
Chlorobenzene	Ave	0.3614	0.3810		0.211	0.200	5.4	30.0
Ethylbenzene	Ave	0.5554	0.5672		0.205	0.200	2.1	30.0
m-Xylene & p-Xylene	Ave	0.2169	0.2329		0.431	0.401	7.4	30.0
o-Xylene	Ave	0.2127	0.2267		0.214	0.200	6.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Lab Sample ID: ICV 200-69618/15 Calibration Date: 03/19/2014 00:36

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6594_015.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
Bromoform	Ave	0.1499	0.1479		0.198	0.200	-1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2728	0.2697		0.198	0.200	-1.2	30.0
4-Ethyltoluene	Ave	0.4407	0.4846		0.220	0.200	9.9	30.0
1,3,5-Trimethylbenzene	Ave	0.3672	0.3855		0.210	0.200	5.0	30.0
1,2,4-Trimethylbenzene	Ave	0.3621	0.3125		0.173	0.200	-13.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Lab Sample ID: CCVIS 200-69656/2 Calibration Date: 03/19/2014 13:08

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6610_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
Dichlorodifluoromethane	Ave	0.8992	0.9727		0.216	0.200	8.2	30.0
1,2-Dichlorotetrafluoroethane	Ave	0.7648	0.8285		0.216	0.200	8.3	30.0
Chloromethane	Ave	0.1894	0.2048		0.216	0.200	8.1	30.0
Vinyl chloride	Ave	0.2390	0.2573		0.215	0.200	7.6	30.0
1,3-Butadiene	Ave	0.1436	0.1526		0.212	0.200	6.3	30.0
Bromomethane	Ave	0.3076	0.3316		0.215	0.200	7.8	30.0
Chloroethane	Ave	0.1259	0.1346		0.214	0.200	6.9	30.0
Bromoethene(Vinyl Bromide)	Ave	0.4477	0.4644		0.207	0.200	3.7	30.0
Trichlorofluoromethane	Ave	1.300	1.398		0.215	0.200	7.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.238	1.249		0.201	0.200	0.9	30.0
1,1-Dichloroethene	Ave	0.6156	0.5882		0.191	0.200	-4.5	30.0
3-Chloropropene	Ave	0.5313	0.5368		0.202	0.200	1.0	30.0
Methylene Chloride	Ave	0.6127	0.6999		0.228	0.200	14.2	30.0
Methyl tert-butyl ether	Ave	1.417	1.575		0.222	0.200	11.1	30.0
trans-1,2-Dichloroethene	Ave	0.7633	0.8076		0.211	0.200	5.8	30.0
n-Hexane	Ave	0.7896	0.7970		0.202	0.200	0.9	30.0
1,1-Dichloroethane	Ave	1.016	1.094		0.215	0.200	7.7	30.0
cis-1,2-Dichloroethene	Ave	0.6790	0.6754		0.199	0.200	-0.5	30.0
Chloroform	Ave	1.242	1.298		0.209	0.200	4.5	30.0
1,1,1-Trichloroethane	Ave	0.2415	0.2503		0.207	0.200	3.7	30.0
Cyclohexane	Ave	0.1767	0.1762		0.199	0.200	-0.3	30.0
Carbon tetrachloride	Ave	0.2427	0.2490		0.205	0.200	2.6	30.0
2,2,4-Trimethylpentane	Ave	0.5295	0.5647		0.213	0.200	6.6	30.0
Benzene	Ave	0.3698	0.3869		0.209	0.200	4.6	30.0
1,2-Dichloroethane	Ave	0.1291	0.1407		0.218	0.200	9.0	30.0
n-Heptane	Ave	0.1732	0.1813		0.209	0.200	4.6	30.0
Trichloroethene	Ave	0.1602	0.1600		0.199	0.200	-0.0	30.0
1,2-Dichloropropane	Ave	0.1267	0.1382		0.218	0.200	9.1	30.0
Bromodichloromethane	Ave	0.2201	0.2404		0.218	0.200	9.2	30.0
cis-1,3-Dichloropropene	Ave	0.1651	0.1737		0.210	0.200	5.2	30.0
Toluene	Ave	0.2807	0.2930		0.208	0.200	4.4	30.0
trans-1,3-Dichloropropene	Ave	0.1461	0.1602		0.219	0.200	9.7	30.0
1,1,2-Trichloroethane	Ave	0.1321	0.1427		0.216	0.200	8.0	30.0
Tetrachloroethene	Ave	0.2165	0.2082		0.192	0.200	-3.8	30.0
Dibromochloromethane	Ave	0.2087	0.2236		0.214	0.200	7.2	30.0
1,2-Dibromoethane	Ave	0.1966	0.2135		0.217	0.200	8.6	30.0
Chlorobenzene	Ave	0.3614	0.3823		0.211	0.200	5.8	30.0
Ethylbenzene	Ave	0.5554	0.5889		0.212	0.200	6.0	30.0
m-Xylene & p-Xylene	Ave	0.2169	0.2373		0.437	0.399	9.4	30.0
o-Xylene	Ave	0.2127	0.2333		0.219	0.200	9.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Lab Sample ID: CCVIS 200-69656/2 Calibration Date: 03/19/2014 13:08

Instrument ID: CHE.i Calib Start Date: 03/18/2014 14:38

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 03/18/2014 21:53

Lab File ID: 6610_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
Bromoform	Ave	0.1499	0.1608		0.214	0.200	7.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.2728	0.3316		0.243	0.200	21.5	30.0
4-Ethyltoluene	Ave	0.4407	0.5558		0.252	0.200	26.1	30.0
1,3,5-Trimethylbenzene	Ave	0.3672	0.4756		0.259	0.200	29.5	30.0
1,2,4-Trimethylbenzene	Ave	0.3621	0.3891		0.215	0.200	7.5	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Instrument ID: CHE.i Start Date: 01/07/2014 15:31

Analysis Batch Number: 66895 End Date: 01/08/2014 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-66895/1		01/07/2014 15:31	1	egb001.D	RTX-624 0.32(mm)
VIBLK 200-66895/2		01/07/2014 16:44	1		RTX-624 0.32(mm)
IC 200-66895/3		01/07/2014 17:39	1	egb003.D	RTX-624 0.32(mm)
IC 200-66895/4		01/07/2014 18:34	1	egb004.D	RTX-624 0.32(mm)
IC 200-66895/5		01/07/2014 19:29	1	egb005.D	RTX-624 0.32(mm)
IC 200-66895/6		01/07/2014 20:23	1	egb006.D	RTX-624 0.32(mm)
ICIS 200-66895/7		01/07/2014 21:18	1	egb007.D	RTX-624 0.32(mm)
IC 200-66895/8		01/07/2014 22:12	1	egb008.D	RTX-624 0.32(mm)
IC 200-66895/9		01/07/2014 23:06	1	egb009.D	RTX-624 0.32(mm)
IC 200-66895/10		01/08/2014 00:00	1	egb010.D	RTX-624 0.32(mm)
IC 200-66895/11		01/08/2014 00:54	1	egb011.D	RTX-624 0.32(mm)
IC 200-66895/12		01/08/2014 01:48	1	egb012.D	RTX-624 0.32(mm)
VIBLK 200-66895/13		01/08/2014 02:42	1		RTX-624 0.32(mm)
VIBLK 200-66895/14		01/08/2014 03:37	1		RTX-624 0.32(mm)
ICV 200-66895/15		01/08/2014 04:31	1	egb015.D	RTX-624 0.32(mm)
VIBLK 200-66895/16		01/08/2014 05:25	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Instrument ID: CHE.i Start Date: 01/07/2014 15:31

Analysis Batch Number: 69198 End Date: 01/08/2014 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-69198/1		01/07/2014 15:31	1	egb001a.D	RTX-624 0.32(mm)
VIBLK 200-69198/2		01/07/2014 16:44	1		RTX-624 0.32(mm)
IC 200-69198/3		01/07/2014 17:39	1	egb003a.D	RTX-624 0.32(mm)
IC 200-69198/4		01/07/2014 18:34	1	egb004a.D	RTX-624 0.32(mm)
IC 200-69198/5		01/07/2014 19:29	1	egb005a.D	RTX-624 0.32(mm)
IC 200-69198/6		01/07/2014 20:23	1	egb006a.D	RTX-624 0.32(mm)
ICIS 200-69198/7		01/07/2014 21:18	1	egb007a.D	RTX-624 0.32(mm)
IC 200-69198/8		01/07/2014 22:12	1	egb008a.D	RTX-624 0.32(mm)
IC 200-69198/9		01/07/2014 23:06	1	egb009a.D	RTX-624 0.32(mm)
IC 200-69198/10		01/08/2014 00:00	1	egb010a.D	RTX-624 0.32(mm)
IC 200-69198/11		01/08/2014 00:54	1	egb011a.D	RTX-624 0.32(mm)
IC 200-69198/12		01/08/2014 01:48	1	egb012a.D	RTX-624 0.32(mm)
VIBLK 200-69198/13		01/08/2014 02:42	1		RTX-624 0.32(mm)
VIBLK 200-69198/14		01/08/2014 03:37	1		RTX-624 0.32(mm)
ICV 200-69198/15		01/08/2014 04:31	1		RTX-624 0.32(mm)
VIBLK 200-69198/16		01/08/2014 05:25	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Instrument ID: CHE.i Start Date: 03/12/2014 09:27

Analysis Batch Number: 69418 End Date: 03/13/2014 04:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-69418/1		03/12/2014 09:27	1	6527_001.D	RTX-624 0.32(mm)
CCVIS 200-69418/2		03/12/2014 10:14	1	6527_002.D	RTX-624 0.32(mm)
LCS 200-69418/3		03/12/2014 11:09	1	6527_003.D	RTX-624 0.32(mm)
MB 200-69418/4		03/12/2014 12:03	1	6527_004.D	RTX-624 0.32(mm)
ZZZZZ		03/12/2014 12:54	4		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 13:48	49.6		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 14:42	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 15:36	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 16:30	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 17:24	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 18:19	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 19:13	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 20:08	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 21:03	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 21:58	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 22:53	1		RTX-624 0.32(mm)
ZZZZZ		03/12/2014 23:47	1		RTX-624 0.32(mm)
ZZZZZ		03/13/2014 00:42	1		RTX-624 0.32(mm)
200-21336-1	3609	03/13/2014 01:37	1	6527_019.D	RTX-624 0.32(mm)
200-21336-2	5733	03/13/2014 02:32	1	6527_020.D	RTX-624 0.32(mm)
200-21336-3	2611	03/13/2014 03:27	1	6527_021.D	RTX-624 0.32(mm)
ZZZZZ		03/13/2014 04:22	148		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21336-1

SDG No.:

Instrument ID: CHE.i Start Date: 03/14/2014 09:22

Analysis Batch Number: 69481 End Date: 03/14/2014 21:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-69481/1		03/14/2014 09:22	1	6551_001.D	RTX-624 0.32(mm)
CCVIS 200-69481/2		03/14/2014 10:12	1	6551_002.D	RTX-624 0.32(mm)
LCS 200-69481/3		03/14/2014 11:06	1	6551_003.D	RTX-624 0.32(mm)
ZZZZZ		03/14/2014 12:00	1		RTX-624 0.32(mm)
MB 200-69481/5		03/14/2014 12:55	1	6551_005.D	RTX-624 0.32(mm)
200-21336-4	4870	03/14/2014 14:38	1	6551_006.D	RTX-624 0.32(mm)
ZZZZZ		03/14/2014 15:32	1		RTX-624 0.32(mm)
200-21336-6	4716	03/14/2014 16:27	1	6551_008.D	RTX-624 0.32(mm)
200-21336-7	2669	03/14/2014 17:21	1	6551_009.D	RTX-624 0.32(mm)
200-21336-8	3521	03/14/2014 18:16	1	6551_010.D	RTX-624 0.32(mm)
200-21336-9	3263	03/14/2014 19:10	1	6551_011.D	RTX-624 0.32(mm)
200-21336-10	3472	03/14/2014 20:04	1	6551_012.D	RTX-624 0.32(mm)
200-21336-11	3562	03/14/2014 20:58	1	6551_013.D	RTX-624 0.32(mm)
200-21336-12	3310	03/14/2014 21:52	1	6551_014.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Instrument ID: CHE.i Start Date: 03/18/2014 11:57

Analysis Batch Number: 69618 End Date: 03/19/2014 11:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-69618/1		03/18/2014 11:57	1	6594_001.D	RTX-624 0.32(mm)
VIBLK 200-69618/2		03/18/2014 12:49	1		RTX-624 0.32(mm)
IC 200-69618/4		03/18/2014 14:38	1	6594_004.D	RTX-624 0.32(mm)
IC 200-69618/5		03/18/2014 15:32	1	6594_005.D	RTX-624 0.32(mm)
IC 200-69618/6		03/18/2014 16:27	1	6594_006.D	RTX-624 0.32(mm)
ICIS 200-69618/7		03/18/2014 17:22	1	6594_007.D	RTX-624 0.32(mm)
IC 200-69618/8		03/18/2014 18:16	1	6594_008.D	RTX-624 0.32(mm)
IC 200-69618/9		03/18/2014 19:10	1	6594_009.D	RTX-624 0.32(mm)
IC 200-69618/10		03/18/2014 20:04	1	6594_010.D	RTX-624 0.32(mm)
IC 200-69618/11		03/18/2014 20:59	1	6594_011.D	RTX-624 0.32(mm)
IC 200-69618/12		03/18/2014 21:53	1	6594_012.D	RTX-624 0.32(mm)
VIBLK 200-69618/13		03/18/2014 22:47	1		RTX-624 0.32(mm)
VIBLK 200-69618/14		03/18/2014 23:42	1		RTX-624 0.32(mm)
ICV 200-69618/15		03/19/2014 00:36	1	6594_015.D	RTX-624 0.32(mm)
LCS 200-69618/16		03/19/2014 01:29	1	6594_016.D	RTX-624 0.32(mm)
MB 200-69618/17		03/19/2014 02:23	1	6594_017.D	RTX-624 0.32(mm)
200-21419-1	2521	03/19/2014 03:17	1	6594_018.D	RTX-624 0.32(mm)
200-21419-2	3533	03/19/2014 04:11	1	6594_019.D	RTX-624 0.32(mm)
ZZZZZ		03/19/2014 05:05	1		RTX-624 0.32(mm)
200-21419-4	2730	03/19/2014 05:59	1	6594_021.D	RTX-624 0.32(mm)
200-21419-5	3531	03/19/2014 06:55	1	6594_022.D	RTX-624 0.32(mm)
200-21419-6	3210	03/19/2014 07:49	1	6594_023.D	RTX-624 0.32(mm)
200-21419-7	2907	03/19/2014 08:44	1	6594_024.D	RTX-624 0.32(mm)
200-21419-8	2743	03/19/2014 09:39	1	6594_025.D	RTX-624 0.32(mm)
200-21419-9	2861	03/19/2014 10:33	1	6594_026.D	RTX-624 0.32(mm)
200-21419-10	2513	03/19/2014 11:27	1	6594_027.D	RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-21419-1

SDG No.:

Instrument ID: CHE.i Start Date: 03/19/2014 12:20

Analysis Batch Number: 69656 End Date: 03/20/2014 11:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-69656/1		03/19/2014 12:20	1	6610_001.D	RTX-624 0.32(mm)
CCVIS 200-69656/2		03/19/2014 13:08	1	6610_002.D	RTX-624 0.32(mm)
LCS 200-69656/3		03/19/2014 14:02	1	6610_003.D	RTX-624 0.32(mm)
ZZZZZ		03/19/2014 14:57	1		RTX-624 0.32(mm)
MB 200-69656/5		03/19/2014 15:51	1	6610_005.D	RTX-624 0.32(mm)
200-21419-11	3820	03/19/2014 16:46	1	6610_006.D	RTX-624 0.32(mm)
200-21419-12	2800	03/19/2014 17:41	1	6610_007.D	RTX-624 0.32(mm)
ZZZZZ		03/19/2014 18:37	4		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 19:32	4		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 20:27	4		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 21:22	4		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 22:17	4		RTX-624 0.32(mm)
ZZZZZ		03/19/2014 23:11	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 00:06	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 01:00	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 01:55	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 02:49	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 03:43	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 04:38	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 05:32	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 06:26	3.5		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 08:06	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 09:01	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 09:55	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 10:50	1		RTX-624 0.32(mm)
ZZZZZ		03/20/2014 11:46	1		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	Project Manager: Judy Rank	Samples Collected By: Chris Finke	1 of 2 COCs
Company: O'Brien & Gere	Phone: 315-956-6683		
Address: 333 W. Washington St.	Email: Judy.Rank@obg.com		
City/State/Zip: Syracuse, NY 13221			
Phone: 315-956-6100	Site Contact: Christopher Finke		
FAX: 315-473-7554	TA Contact: Kathryn Kelly		
Project Name: Racer Trust VF	**Analysis Turnaround Time**		
Site: Racer Trust Syracuse	Standard (Specify): 2 week		
PO # 212914 Task 2	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 Low-Level Project specific compounds	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)
RT-35-IA-032514	3/25-3/26/14	0910	0840	-30.2	-9.4	3454	3521	X										
RT-39-IA-032514		0945	1015	-30.3	~~-6.9~~ -6.6	2773	3210	X										
RT-40-IA-032514		1041	1215	-30.4	-15.6	4500	4716	X										
RT-41-IA-032514		1042	1040	-30.2	-5.3	3958	2907	X										
RT-42-IA-032514		1052	1058	-30.2	-3.3	4743	3562	X										
RT-43-IA-032514		1100	1054	-30.4	-6.4	3607	4870	X										

Temperature (Fahrenheit)	Interior	Ambient
Start	45°F to ~~52~~ 65°F	~~48~~ to 26°F
Stop	45°F to 65°F	20°F

Pressure (inches of Hg)	Interior	Ambient
Start	—	29.57
Stop	—	29.66

200-21576 Chain of Custody

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time: 3/27/14 1030	Samples Received by: ~~Scott~~ TABURL
Samples Relinquished by:	Date/Time: 3-26-14, 16:30	Received by: Redlib, TASyr
Relinquished by: Redlib	Date/Time: 3-26-14, 19:05	Received by:

Lab Use Only **Shipper 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: Judy Rank	Samples Collected By: Chris Finke	2 of 2 COCs
Company: O'Brien & Gere	Phone: 315-956-6653		
Address: 333 W Washington St	Email: Judy.Rank@obg.com		
City/State/Zip: Syracuse, NY 13221			
Phone: 315-956-6100	Site Contact: Christopher Finke		
FAX: 315-473-7554	TA Contact: Kathryn Kelly		
Project Name: Race Trust	**Analysis Turnaround Time**		
Site: Race Trust Syracuse	Standard (Specify) 2 week		
PO # 212914 Task 2	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	Low Level TO-15 Project specific compounds	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)
RT-44-IA-032514	3/25-3/26/14	1123	1128	-30.1	-8.1	3295	2521	X											
RT-45-IA-032514		1158	1206	-30.6	-13.8	4754	2513	X											
RT-AA-032514		1055	1130	-30.5	-6.0	4176	3263	X											
RT-DUP		1052	1058	-30.3	-5.2	3772	3310	X											

Temperature (Fahrenheit)	Interior	Ambient
Start	45 to 65°F	26°F
Stop	45 to 65°F	20°F

Pressure (inches of Hg)	Interior	Ambient
Start	—	29.57
Stop	—	29.66

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time: 3/27/14 1030	Samples Received by: TASYR
Samples Relinquished by:	Date/Time: 3-26-14 16:30	Received by: RENGLICK, TASYR
Relinquished by: RENGLICK	Date/Time: 3-26-14 19:07	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

ORIGIN ID:SYRA (315) 431-0171
SYR SERVICE CENTER
TESTAMERICA
118 BOSS RD

SYRACUSE, NY 13211
UNITED STATES US

SHIP DATE: 26MAR14
ACTWGT: 35.0 LB MAN
CAD: 251798/CAFE2704

BILL RECIPIENT

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: OBG RACER 3BOXES

FedEx Express

1 of 3

TRK# 0201 5851 0345 0331

MASTER

THU - 27 MAR A
STANDARD OVERNIGHT

EK BTVA

05403
VT-US BTV

ORIGIN ID:SYRA (315) 431-0171
SYR SERVICE CENTER
TESTAMERICA
118 BOSS RD

SYRACUSE, NY 13211
UNITED STATES US

SHIP DATE: 26MAR14
ACTWGT: 35.0 LB MAN
CAD: 251798/CAFE2704

BILL RECIPIENT

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: OBG RACER 3BOXES

FedEx Express

2 of 3

MPS# 0263 5851 0345 0342

Mstr# 5851 0345 0331 0201

THU - 27 MAR A
STANDARD OVERNIGH

EK BTVA

0540
VT-US BT

ORIGIN ID:SYRA (315) 431-0171
SYR SERVICE CENTER
TESTAMERICA
118 BOSS RD

SYRACUSE, NY 13211
UNITED STATES US

SHIP DATE: 26MAR14
ACTWGT: 35.0 LB MAN
CAD: 251798/CAFE2704

BILL RECIPIENT

TO SAMPLE RECEIVING
TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE SUITE 11

SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: OBG RACER 3BOXES

FedEx Express

3 of 3

MPS# 0263 5851 0345 0353

Mstr# 5851 0345 0331 0201

THU - 27 MAR AA
STANDARD OVERNIGHT

EK BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 200-21576-1
SDG Number: 200-21576

Login Number: 21576
List Number: 1
Creator: Gagne, Eric 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	NO SEALS
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.	False	IDs on containers do not match the COC. Logged in per COC.
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").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	