

**PERIODIC REVIEW REPORT
(April 8, 2010 through April 7, 2011)**

**FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK
NYSDEC SITE CODE NO. 9-15-149**

Prepared for:

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June 2011

CERTIFICATION

I hereby certify, as a Professional Engineer licensed in the State of New York, that this "Periodic Review Report (April 8, 2010 through April 7, 2011)," prepared by AECOM Technical Services, Inc. for Tyco Fire Protection, was completed in conformance with accepted standards of practice for a project of this scope and nature, as well as the requirements of State of New York, Department of Environmental Conservation (NYSDEC), Order on Consent, Index No. B9-0377095-05, for the former Scott Aviation property (formerly Figgie International), NYSDEC Site Code No. 9-15-149.

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6-29-11

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LIST OF ACRONYMS

AECOM	AECOM Technical Services, Inc.
AS	air stripper
bgs	below ground surface
BSA	Buffalo Sewer Authority
cis-1,2 DCE	cis-1,2-dichloroethene
CD	compact disc
1,1-DCA	1,1-dichloroethane
DPE	Dual Phase Extraction
gpm	gallons per minute
GWCT	Groundwater Collection Trench
GWTB	Groundwater Treatment Building
HES	Heritage Environmental Services, LLC
lb/hr	pounds per hour
LNAPL	Light Non Aqueous Phase Liquid
LRP	Liquid Ring Pump
Matrix	Matrix Environmental Technologies, Inc.
MVS	Mechanical Volatilization System
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
NYCRR	New York Code of Rules and Regulations
NYSDEC	State of New York Department of Environmental Conservation
O&M	Operation and Maintenance
PRR	Periodic Review Report
RAER	Remedial Action Engineering Report
RAO	Remedial Action Objective
RDWP	Remedial Design Work Plan
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SICR	Site Investigation Completion Report
SVE	Soil Vapor Extraction
1,1,1-TCA	1,1,1-trichloroethane
TCE	Trichloroethene
TEH	Total Extractable Hydrocarbons
TSS	Total Suspended Solids
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VC	Vinyl Chloride
VOC	Volatile Organic Compound

1.0 INTRODUCTION

On behalf of Tyco Fire Protection and pursuant to the requirements of State of New York, Department of Environmental Conservation (NYSDEC), Order on Consent, Index No. B9-0377095-05, AECOM Technical Services, Inc. (AECOM) prepared this Periodic Review Report (PRR) to summarize the configuration, operation and maintenance (O&M), and monitoring activities for the combined dual phase extraction (DPE) remediation system at the former Scott Aviation property (the "site"), NYSDEC Site Code No. 9-15-149, located at 225 Erie Street, Village of Lancaster, County of Erie, State of New York (**Figure 1**). A selected remedy for soil and groundwater was described in the Record of Decision (ROD), Scott Aviation Site, Village of Lancaster, Erie County, I.D. Number 9-15-149, which was signed into Declaration on November 7, 1994 (NYSDEC, November 1994). The reporting period discussed herein encompasses the period between April 8, 2010 and April 7, 2011.

1.1 REPORT ORGANIZATION

The purpose of this PRR is to provide a summary of the current remediation system configuration, to describe significant O&M and groundwater monitoring activities, to discuss overall remediation system performance during the reporting period, and to provide recommendations for future combined DPE remediation system operation.

This PRR was developed to adhere to NYSDEC site investigation and remediation requirements (NYSDEC, December 2002). More specifically, this report provides the following information:

- Report organization details, a brief summary of site history, previous site investigations, and remediation activities, and remedial action objectives (RAOs) for the site (Section 1.0);
- A description of the current combined DPE remediation system configuration and detailed summary of O&M activities performed during the reporting period (Section 2.0);
- A groundwater monitoring program summary including a description of groundwater monitoring activities completed during the reporting period, a detailed review of the April 2011 comprehensive groundwater monitoring event, and a comparison of historical comprehensive groundwater analytical results to the April 2011 comprehensive groundwater analytical results (Section 3.0);
- A summary of groundwater remediation system monitoring and remediation progress (Section 4.0);

- Conclusions, a description of upcoming site-related activities, and a proposed monitoring and compliance sampling schedule (Section 5.0); and
- References used in the preparation of this report (Section 6.0).

1.2 SITE BACKGROUND

The following subsections present a brief summary of site history and previous investigation and remediation activities.

1.2.1 Site Remedial Investigation/Feasibility Study

A 3,000-gallon underground storage tank (UST) was previously located at the site, immediately adjacent to the southwest corner of Scott Aviation Plant 2 (**Figure 2**). The UST was used to store waste cutting oil and spent chlorinated solvents generated during manufacturing operations conducted in Plant 2. Activities at Plant 2 have historically included the machining of piece parts from metal feedstock and the fabrication of cores to fit into devices that provide emergency oxygen upon demand in commercial aircraft (Earth Tech, April 2004).

During April 1991, the former site owner, Figgie International, removed the aforementioned UST. Based on contamination discovered during the removal of the UST, Figgie International entered into a remedial investigation/feasibility study (RI/FS) Order on Consent with the NYSDEC on July 9, 1992, and an RI was initiated by Versar, Inc. on behalf of Figgie International in the immediate area surrounding the former UST location. The final RI report was approved by the NYSDEC on December 13, 1993, and it indicated the presence of volatile organic compounds (VOCs) in excess of NYSDEC soil and groundwater guidance values to the west of Plant 2. A subsequent FS report was prepared by Figgie International and approved by the NYSDEC on August 29, 1994 (O'Brien & Gere, July 1996).

1.2.2 Record of Decision

Based on the results of the RI/FS, the NYSDEC prepared an ROD, dated November 7, 1994, which required remedial actions to be initiated to address contaminated soils and groundwater at the site. The ROD specified that soil remediation would be accomplished by excavating all soils with VOCs above site-specific RAOs and subsequently treating the soil on-site using an ex situ soil vapor extraction (SVE) system. The established RAOs for the site are presented in **Table 1** and are discussed further in Section 1.3 of this report. The ROD also specified that groundwater remediation would be performed by installing a groundwater collection trench

(GWCT) west of Plant 2 to induce hydraulic capture of groundwater impacted with VOCs and by constructing an associated groundwater treatment system. An ROD Amendment approving the use of a Mechanical Volatilization System (MVS) to treat excavated soils in lieu of the proposed ex situ SVE system was issued by the NYSDEC on April 19, 1995 (O'Brien & Gere, July 1996).

1.2.3 Previous Remediation Activities

This section summarizes previous soil and groundwater remedial activities performed at the Site.

1.2.3.1 Source Area Soil Excavation and Treatment

Following approval of the Remedial Design by the NYSDEC in September 1995, soil remediation actions were initiated. Soils to the west of Plant 2 in the vicinity of the former UST were excavated and treated on-Site using an MVS. The MVS process consisted of a screening plant and hammermill shredder that mechanically pulverized and aerated the excavated soil that had previously been amended with pulverized quick lime. Volatilization of the VOCs from the soil occurred as a result of the sieving and pulverizing actions and also because of the heat generated by the reaction of lime with moisture in the soil. Approximately 5,600 cubic yards of soil were excavated from depths ranging between 2 feet and 21 feet (bedrock contact) below ground surface (bgs) and treated using the MVS. Based on analytical results for the treated soil (each individual VOC <1 milligram per kilogram and total VOCs <10 milligrams per kilogram), the NYSDEC approved backfilling the excavation with the originally excavated soil processed on-site with the MVS on December 11, 1995. Backfilling of the excavation was completed on December 19, 1995.

1.2.3.2 Groundwater Collection Trench

In accordance with the ROD, a 200-foot long GWCT was constructed approximately 90 feet west of Plant 2 during February 1996. The purpose of the trench was to maintain hydraulic control of VOC-impacted groundwater. The bottom of the trench was excavated down to bedrock (approximately 25 feet bgs). The bottom five feet of the trench consists of rounded pea gravel and the top 20 feet of the trench was backfilled with remediated soils. A 6-inch diameter, slotted high density polyethylene pipe located at the bottom of the trench conveys water to a wet well located at the north end of the trench. The water is transferred from the wet well using a submersible pump through a 1-inch diameter Schedule 80 polyvinyl chloride pipe to a treatment system located in the Groundwater Treatment Building (GWTB) immediately west of Plant 2.

The groundwater treatment system consists of a low-profile shallow tray air stripper (AS) unit. Treated water from the AS unit is discharged under a City of Buffalo Pollutant Discharge Elimination System permit via a 2-inch diameter force main to the local sanitary sewer located south of the GWTB at Erie Street (O'Brien & Gere, July 1996). Start-up of the groundwater treatment system occurred on March 1, 1996. **Figure 2** shows the location of the GWCT and GWTB.

1.2.4 Additional Investigation Activities

Annual groundwater monitoring completed in April 1998 indicated an increasing trend in VOC concentrations in MW-4, located to the west of the GWCT at the western property boundary of the site. Additionally, light non aqueous phase liquid (LNAPL) was observed at MW-4 on the water level probe during a quarterly monitoring event conducted in November 1998. In April 1999, four new monitoring wells (designated MW-7, MW-8, MW-9, and MW-10) were installed to evaluate the extent and potential source of VOCs and LNAPL observed in MW-4. Based on repeated detections of VOCs and LNAPL in the groundwater to the west of the GWCT, a comprehensive site investigation was conducted in February 2003 to further assess the vertical and horizontal extent of VOCs and LNAPL.

During the 2003 investigation, LNAPL was observed in MW-8 only. A total of 21 direct push technology borings were advanced to the east and west of the GWCT to further assess the extent of impacted soils west of Plant 2. Results were summarized in the June 2003 Site Investigation Completion Report (SICR), and the data indicated the continued presence of VOCs above the RAOs in the saturated soil and groundwater, primarily to the west of the GWCT (Earth Tech, June 2003).

1.2.5 Remedial Alternatives Analysis

Based upon the results of the 2003 investigation, a remedial alternatives analysis was completed and results were included in the SICR. DPE with a reductive dechlorination polishing step was recommended to be implemented to supplement the existing remediation system and to further remediate VOCs in soil and groundwater at the site (Earth Tech, June 2003).

At the request of the NYSDEC, a Remedial Design Work Plan (RDWP) was prepared that provided a detailed description of the proposed DPE system recommended in the SICR (Earth Tech, November 2003). A discussion of DPE system construction, startup, and O&M activities during approximately the first year of operation (May 14, 2004 through July 19, 2005) is provided in the first Remedial Action Engineering Report (RAER; May 14, 2004 through July 19, 2005; Earth Tech, November 2005).

1.3 REMEDIAL ACTION OBJECTIVES

Cleanup criteria for site soil and groundwater are based on the RAOs established in the ROD (NYSDEC, November 1994). **Table 1** presents the site-specific RAOs. The objectives for the combined soil and groundwater remediation system include:

1. Maintain hydraulic control of shallow groundwater and eliminate potential off-site migration of VOCs along the western property boundary.
2. Lower the groundwater table within the impacted source area to expose the aquifer matrix and subsequently extract soil vapors containing VOCs using enhanced vacuum extraction. By lowering the water table surface, the DPE system will induce groundwater flow toward the system extraction wells, thereby allowing the applied vacuum to more effectively remove VOCs in the exposed aquifer matrix.
3. Reduce the mass of VOCs in the subsurface and remediate site soil and groundwater to meet RAOs.
4. Obtain No Further Action status for the site.

2.0 CURRENT REMEDIATION SYSTEM CONFIGURATION AND OPERATION AND MAINTENANCE SUMMARY

This section provides a description of the current remediation system configuration and a summary of remediation system O&M activities performed during the reporting period (April 8, 2010 through April 7, 2011) for the combined DPE remediation system.

2.1 CURRENT REMEDIATION SYSTEM DESCRIPTION AND CONFIGURATION

As described in Section 1.2.3.2 of this report, the initial groundwater remediation system installed at the Site consisted of a 200-foot long GWCT and an associated groundwater treatment system located to the west of Plant 2. The pre-existing GWCT remediation system was combined to operate with a new DPE remediation system installed at the site between February and May 2004. The combined remediation systems, known collectively as the combined DPE remediation system, began operation on May 14, 2004.

Figure 2 depicts the combined DPE remediation system including DPE system recovery wells, monitoring wells, and nested piezometers, DPE system piping locations, the DPE system trailer, and the pre-existing GWCT and GWTB. The DPE system consists of eight recovery or extraction wells. **Figure 3** presents a typical DPE recovery well construction diagram. Three additional monitoring wells (MW-8R, MW-11 and MW-12) and four pairs of nested piezometers (MW-13S/D through MW-16S/D) were also installed as part of DPE system construction activities and monitoring activities completed in 2004 and 2005. A typical nested piezometer construction diagram is shown in **Figure 4**. Monitoring well, nested piezometer, and DPE system recovery well construction specifications are provided in **Table 2**. Section 2.0 of the first RAER provides a detailed summary of recovery well and monitoring well installation, subsequent DPE system installation, and DPE system equipment specifics (Earth Tech, November 2005). **Figure 5** presents the process and instrumentation diagram for the combined DPE remediation system.

For the entire reporting period, the combined DPE remediation system extracted groundwater and soil vapors from the shallow and deep recovery wells. Shallow recovery well, DPE-6 (located in former soil excavation area to the east of the GWCT), was kept out of operation due to excessive calcium hydroxide (lime) scale buildup issues. The optimization plan during the reporting period was to focus extraction on both the shallow and deep perched water-bearing unit, which consists of silty clays and silty sands, poorly sorted sands, and gravel respectively.

Recovery wells DPE-1, DPE-5, and DPE-6 had previously been left out of operation due to the high quantity of lime scale recovered by these wells during approximately the first year of operation by the combined DPE remediation system. This scale caused continuous fouling of DPE recovery system conveyance piping and associated components and subsequently resulted in excessive downtime of the DPE system for maintenance. The large quantity of lime scale recovered by these three extraction wells is attributed to historic soil remediation activities conducted at the site that mixed excavated soil with pulverized quick lime. The treated soil was subsequently used as backfill in the vicinity of these recovery wells (refer to Section 1.2.3.1 of this report).

2.2 COMBINED DPE REMEDIATION SYSTEM OPERATION SUMMARY

With the exception of system equipment breakdowns and malfunctions noted in Section 2.3.2 of this report, and the temporary shutdown during the chemical oxidation injection pilot test, the system ran with a total DPE system runtime of approximately 35 percent for the reporting period. This runtime percentage was derived in part from the liquid ring pump (LRP) hour meter. A system overhaul will be performed following the currently ongoing chemical oxidation injection pilot test and should address the low runtime calculated for the reporting period.

During the reporting period, the DPE system collected approximately 104,306 gallons of groundwater at an average flow rate of 0.21 gallons per minute (gpm). The pre-existing GWCT collected approximately 500,558 gallons of groundwater at an average flow rate of 0.98 gpm. Therefore, the total combined DPE remediation system groundwater treated and discharged to the sanitary sewer by the AS unit effluent pump was approximately 604,864 gallons at a combined average flow rate of 1.19 gpm.

2.3 ROUTINE DPE SYSTEM MAINTENANCE AND TROUBLESHOOTING

The following subsections describe routine DPE system maintenance and troubleshooting as well as associated waste disposal that occurred during the reporting period.

2.3.1 Routine System Maintenance

During routine weekly site visits, AECOM personnel recorded system operating parameters, inspected and cleaned the various system components and piping, inspected and replaced filters (air and water), and maintained the LRP seal fluid levels. Minor system repairs were also made as necessary throughout the reporting period. The O&M data collected during the site

visits was recorded using the O&M checklist presented in **Appendix A**. Data collected on these checklists was entered into the master tracking database for the site.

2.3.2 System Troubleshooting

AECOM responded to system shutdowns and delays that required sporadic troubleshooting and maintenance during the reporting period. These activities are summarized below:

Third Quarter 2010 combined DPE remedial system O&M:

- During the month of April 2010, AECOM and AECOM's subcontractor, Matrix Environmental Technologies, Inc. (Matrix), performed the quarterly O&M activity (cleaned sight tubes, removed sediment from the knockout tank and hold tank, changed bag filters, added seal fluid to the liquid ring pump).
- During the month of April 2010, AECOM removed sediment accumulated at the bottom of the DPE wells and replaced drop tubes.
- On May 3, 2010, AECOM and Matrix removed the LRP and sent it off site for routine maintenance of the bearings and seals (note while the pump was being serviced, the groundwater collection trench continued to operate and maintain an inward gradient of the groundwater).
- On May 3, 2010, AECOM and AECOM's subcontractor, OP-TECH Environmental Services, Inc., used a vacuum truck to remove sediment accumulated in the bottom of the GWCT manhole. The sediment was placed in a drum and was disposed of in July 2010 by AECOM's hazardous waste vendor (Heritage Environmental Services, LLC [HES]).
- On June 2, 2010, AECOM and Matrix re-installed the repaired liquid ring pump. A new hold tank transfer pump was also installed.
- On June 9, 2010, O&M, Inc. drilling subcontractor, Quality Inspections Services, Inc., installed ten injection wells within the 1,000 micrograms per liter TCE plume isoconcentration contour based on third quarter analytical data. Soil spoils generated during the well installation were transported off site by HES during the week of July 26, 2010. Work associated with the chemical oxidation pilot test is presented in the July 1,

- 2011 document entitled Pilot Test Work Plan written by de maximis, inc. (aka O&M, Inc.) for Tyco Fire Protection.
- During the week of July 5, 2010, AECOM and Matrix performed quarterly system O&M (clean knockout tank, hold tank, and air stripper).

Fourth Quarter 2010 combined DPE remedial system O&M:

- On August 18, 2010, AECOM and Matrix dismantled and removed the LRP motor for offsite repairs. In addition, the GWCT pump was cleaned to increase the pumps efficiency.
- On September 1, 2010, Matrix was on site to reassemble the LRP, change the seal fluid and filter element, and restart the DPE system. Prior to restarting the DPE system, the knockout tank and hold tank were cleaned.

First Quarter 2011 combined DPE remedial system O&M:

- On December 3, 2010, AECOM and Matrix repaired the LRP (replaced oil line from cooler to feed line and changed oil) and replaced the knockout tank float assembly.
- On December 13, 2010, AECOM and Matrix dismantled and cleaned the low profile AS unit to increase the efficiency of the system.
- On December 13, 2010, AECOM and Matrix installed three soil vapor points adjacent to MW-6, MW-10 and MW-12 (in addition to three points at the MW-31 Area, east of Plant 2). AECOM collected soil vapor samples on December 14, 2010. A letter-report summarizing the sampling and soil vapor data was submitted to NYSDEC on January 27, 2011.

Second Quarter 2011 combined DPE remedial system O&M:

- Repairs were made to the low profile AS unit by Matrix on January 4, 2011.
- Repairs were made to the low profile AS unit hi/low vacuum alarm by Matrix on February 25, 2011.

2.3.3 Waste Disposal

On July 26, 2010, HES transported and disposed one 55-gallon drum (680 pounds) containing sediment, bag filters, and miscellaneous debris. This hazardous material (F002 waste code) was generated during O&M activities conducted at the site between January 2009 and July 2010. On January 18, 2011, HES transported and disposed one 55-gallon drum (124 pounds) of hazardous waste (e.g., sediment, bag filters, and absorbent socks) generated at the site between August 2010 and January 2011. AECOM personnel supervised the loading of the drums at the site prior to transportation to an approved disposal facility. The next hazardous waste pickup (for waste generated between January 2011 and July 2011) is scheduled for July 2011.

3.0 GROUNDWATER MONITORING SUMMARY

A detailed description of groundwater monitoring activities completed during the reporting period (April 8, 2010 through April 7, 2011), a review of the most recent comprehensive groundwater monitoring event analytical results, and a comparison of those results to historical comprehensive groundwater monitoring event analytical data are provided in the following sections.

3.1 DESCRIPTION OF GROUNDWATER MONITORING ACTIVITIES FOR THE REPORTING PERIOD

The groundwater monitoring program associated with the original GWCT system was combined with the monitoring program developed for the new DPE system in May 2004. The monitoring wells sampled varied during the remainder of 2004 and throughout 2005. The NYSDEC-approved first RAER defined the monitoring wells to be sampled during subsequent monitoring events in Table 10 (Earth Tech, November 2005). A total of four groundwater monitoring events were performed during the current reporting period (**Table 3**); these included three targeted quarterly monitoring events (July 2010, October 2010, and January 2011) and one comprehensive monitoring event (April 2011).

In July 2010, October 2010, and January 2011, quarterly sampling was performed which targeted six perimeter monitoring wells (MW-2, MW-3, MW-6, MW-10, MW-11 and MW-12 [note MW-11 was not sampled in January 2011 due to snow cover]) and four wells located within the TCE plume (MW-4, MW-8R, MW-13S and MW-16S). In April 2011, a comprehensive groundwater monitoring event was conducted that included all site monitoring wells and nested piezometer pairs (17 total wells). A discussion of the results and the associated laboratory reports for the July 2010, October 2010, and January 2011 groundwater sampling events have previously been provided to the NYSDEC in quarterly monitoring summary reports (AECOM, August 2010; AECOM, November 2011; and AECOM, February 2011). A discussion of the groundwater analytical results for the comprehensive April 2011 sampling event is presented in Sections 3.2 and 3.3 of this report.

3.2 APRIL 2011 GROUNDWATER ELEVATIONS AND GROUNDWATER FLOW DIRECTION

AECOM personnel collected groundwater samples for the latest comprehensive monitoring event between April 4 and 7, 2011, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in April 2011 included MW-2, MW-3, MW-4, MW-6,

MW-8R, MW-9, MW-10, MW-11, MW-12, MW-13S, MW-13D, MW-14S, MW-14D, MW-15S, MW-15D, MW-16S, and MW-16D (**Figure 2**). Field forms generated for the April 2011 sampling event are provided in **Appendix B**. Groundwater samples were analyzed for VOCs by United States Environmental Protection Agency (USEPA) SW-846 Method 8260B by TestAmerica, Inc. located in Amherst, New York.

A complete round of groundwater levels were measured for all site wells and piezometers. **Table 4** provides a summary of groundwater elevations measured on April 4, 2011. A historical summary of groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in **Appendix C**. Monitoring wells MW-2, MW-3, MW-4, MW-6, MW-8R, MW-9, MW-10, MW-11, and MW-12 are screened across both the shallow and deep perched water-bearing units. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow perched water-bearing unit ('S' designation) and one piezometer screened in the deep perched water-bearing unit ('D' designation). Two groundwater surface contour maps for April 2011 are provided in this report. The average water levels calculated for the nested piezometer pairs in conjunction with monitoring well water level data were used to generate the groundwater surface contours presented in **Figure 6**. **Figure 7** illustrates the groundwater surface contours using monitoring well and deep piezometer water level data.

Groundwater elevations measured on April 4, 2011 ranged from 668.75 feet above mean sea level at MW-4 to 687.02 feet above mean sea level at MW-15S. Based on these water level measurements, the groundwater surface beneath the site continues to exhibit a radial pattern (i.e., cone of depression), and groundwater flows inward towards the operating DPE recovery wells and the GWCT. **Figures 6** and **7** reveal that there is a depression in the water table surface that centers around MW-4, which is located at the western property boundary. The historical groundwater flow direction at the site before active groundwater remediation was initiated had been predominantly to the west. These figures indicate that the combined DPE remediation system continues to induce groundwater flow reversal along the western property boundary. This groundwater flow reversal helps to provide sustained hydraulic capture of VOCs present in the perched groundwater that might otherwise migrate off-site to the west.

3.3 APRIL 2011 GROUNDWATER ANALYTICAL RESULTS

The April 2011 groundwater sampling event was the sixth comprehensive sampling event conducted at the site following the installation of the DPE system in May 2004. VOCs detected in groundwater during the April 2011 sampling event are presented in **Table 5**. The following table summarizes the VOCs detected, their respective concentration ranges, the number of

detections, and the number of those detections that exceeded site-specific groundwater RAOs or groundwater criteria presented in New York Code of Rules and Regulations (NYCRR), Title 6, Part 702.15(a)(2) and 703.5.

**Groundwater Quality Results
April 2011**

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
cis-1,2-Dichloroethene	1.1 – 74,000	13	11
Vinyl chloride	1.1 – 7,100	11	10
1,1-Dichloroethane	1.9 – 850	9	8
Chloroethane	4.2 – 400	9	7
Trichloroethene	0.97 – 250,000	9	7
1,2-Dichloroethane	0.55 – 8.5	5	4
1,1,1-Trichloroethane	1.2 – 5,600	5	2
Benzene	0.73 – 2.7	4	2
Methylene Chloride	0.77 – 2.9	4	0
1,1-Dichloroethene	2.4 – 300	3	2
trans-1,2-Dichloroethene	3.8 – 130	3	2
Carbon disulfide	1.1 – 11	3	0
Toluene	6.0 – 140	2	2
Xylenes, total	9.2 – 34	2	2
1,1,2-Trichloroethane	0.89 – 27	2	1
1,1,2,2-Tetrachloroethane	2.1 – 7.7	2	1
Ethylbenzene	2.6 – 6.4	2	1
Tetrachloroethene	0.73 – 49	2	1
Chloroform	8.2	1	1
2-Butanone	310	1	1
Acetone	1,700	1	1
4-Methyl-2-pentanone (MIBK)	27	1	0
2-Hexanone	12	1	0

A total of 23 VOCs were detected in groundwater during the April 2011 sampling event. Nineteen of the 23 VOCs detected exceeded either the site-specific RAOs or the NYCRR criteria for groundwater. **Figures 8** through **14** illustrate April 2011 isoconcentration contours for trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), chloroethane, and total VOCs respectively. These specific compounds were selected because they are the most frequently detected VOCs in groundwater at the site.

The highest concentrations of VOCs were detected west of the GWCT and the former soil excavation area, in a suspected source area located in the vicinity of MW-4, MW-8R, MW-13S, and MW-16S. Similar to the analytical results reported in the fifth RAER, TCE and cis-1,2-DCE exhibited the highest overall concentrations in groundwater. As has been observed historically, the shallow piezometers, which are screened in silts and clays, generally showed higher concentrations of the most frequently detected VOCs when compared to their deeper piezometer counterparts, which are screened in sands and gravels located immediately above bedrock.

The presence and distribution of TCE daughter products (cis-1,2-DCE, VC, and chloroethane) and 1,1,1-TCA daughter products (1,1-DCA and chloroethane) provide supportive evidence that the attenuation of TCE and 1,1,1-TCA and their daughter products via reductive dechlorination continues to occur naturally at the site. The occurrence of these daughter products appears to be directly related to the distribution of TCE and 1,1,1-TCA in the subsurface. The highest concentrations of TCE and 1,1,1-TCA detected during April 2011 were centered on a suspected source area located in the vicinity of MW-4, MW-8R and MW-16S. The daughter products of TCE and 1,1,1-TCA were also detected at their highest concentrations around this suspected source area. A limited number of other VOCs were sporadically detected in the perched groundwater at the site with the majority of these detections at MW-15S.

An electronic copy of the analytical laboratory data package for the April 2011 sampling event is provided in **Appendix D** on a compact disc (CD). A complete hard copy of the analytical data report is on file in AECOM's Amherst, New York office. This analytical report can be made available upon request.

3.4 COMPARISON OF APRIL 2011 GROUNDWATER ANALYTICAL DATA WITH HISTORICAL GROUNDWATER ANALYTICAL DATA

As previously described, quarterly groundwater quality data obtained during the reporting period with the exception of the April 2011 sampling event has already been submitted to the NYSDEC in quarterly summary reports. Trend plots illustrating concentrations of TCE, cis-1,2-DCE, VC, chloroethane, 1,1-DCA, and 1,1,1-TCA over time are provided in **Appendix E**. Because concentrations of TCE are among the highest detected at the site, a discussion of historical and current TCE concentrations in perched groundwater at site monitoring wells and piezometers is provided below.

Summary of Annual TCE Concentrations in Groundwater Baseline Events (November 2003 and April 2004) through April 2011

Well ID	TCE Concentrations (µg/L)								Percent TCE Reduction from April 2011
	Nov 2003	April 2004	April 2005	July 2006	Oct 2007	Jan 2009	April 2010	April 2011	
MW-2	NS	NS	<10	< 25	< 5	< 5	<25	<1	Not Detected
MW-3	NS	NS	<10	< 25	5 J	< 5	<5	<1	Not Detected
MW-4	270	NS	NS	2,400	4,800	19,000	3,000	13,000	Increase
MW-6	< 10	NS	< 10	< 5	0.63 J	< 5	<5	<1	Not Detected
MW-8R	NS	NS	15,000	16,000	2,200	8,400	2,500 J	8,900	Increase
MW-9	6	NS	< 10	1.3	2.6 J	< 5	<5	<1	Not Detected
MW-10	NS	NS	<10	< 5	< 5	< 5	<5	<1	Not Detected
MW-11	NS	NS	<10	< 20	0.71	0.77 J	0.95 J	1.2	Increase
MW-12	NS	NS	< 10	< 25	< 5	NS	<5	<1	Not Detected
MW-13S	NS	10,000	760	17,000	570	3,400	1,400	40,000	Increase
MW-13D	NS	17	8	2 J	< 5	< 5	< 5	22	Increase
MW-14S	NS	21	< 10	5.7 J	< 5	0.38 J	< 5	< 1	Not Detected
MW-14D	NS	21	10	0.96 J	< 5	< 5	9.4	0.97	90
MW-15S	NS	280	400	400	400	180	270	200	26
MW-15D	NS	21	< 50	4.9 J	3.6 J	< 25	<5	<8	Not Detected
MW-16S	NS	860,000	400,000	310,000	130,000	92,000	220,000	250,000	Increase
MW-16D	NS	6,900	32	6.1	6 J	52	12	22	Increase

Notes:

J – Estimated concentration.

NS – Not sample

TCE concentrations decreased or remained constant in all but seven wells (MW-4, MW-8R, MW-11, MW-13S, MW-13D, MW-16S, and MW-16D) since the last comprehensive groundwater sampling event conducted at the site in April 2010. The percent reduction in TCE concentrations ranged from 26% in MW-15S to 90% in MW-14D. Groundwater collected from perimeter monitoring wells MW-2, MW-3, MW-6, MW-9, MW-10, and MW-12, contained no detections of TCE at or above the reporting detection limit. Perimeter monitoring well MW-11 had a minor increase in the concentration of TCE detected, but it remained below the RAO. Based on these results, the combined DPE and GWCT treatment system continues to successfully prevent additional migration of TCE off-site.

MW-4, MW-8R, MW-13S, MW-13D, MW-16S, and MW-16D showed an increase in TCE concentration since the last comprehensive sampling event in April 2010. A possible explanation for the increases in TCE concentration detected at these wells may be the result of an ongoing chemical oxidation injection pilot test beginning in July 2010; however, the TCE results were within the range of historical detections for TCE at all of these wells. Further discussion of the in-situ chemical oxidation pilot test and its impact on TCE concentrations detected in site monitoring wells will be discussed in a subsequent chemical oxidation pilot test summary report.

4.0 GROUNDWATER REMEDIATION SYSTEM MONITORING AND VOC MASS REMOVAL SUMMARY

This section describes system performance monitoring and summarizes the mass of VOCs removed by the combined DPE remediation system during the current reporting period from April 8, 2010 through April 7, 2011.

4.1 SYSTEM MONITORING RESULTS

Samples were obtained from the vapor effluent of the AS and LRP on a quarterly basis and analyzed by USEPA Compendium Method TO-15 by TestAmerica, Inc., located in South Burlington, Vermont. Based on the analytical results for the vapor samples collected, the exhaust mass-loading rate is calculated and presented to the NYSDEC in the site quarterly groundwater monitoring reports. The combined total of the exhaust mass-loading rates for both vapor discharges are compared to the NYSDEC standard of 0.5 pounds per hour (lb/hr) of VOCs. Vapor effluent monitoring results for the first three monitoring events (July 2010, October 2010, and January 2011) during the reporting period have been previously submitted to NYSDEC, and no exceedance of the NYSDEC standard for VOC emissions occurred.

AECOM personnel collected vapor effluent samples from the AS and LRP units for the final quarterly monitoring event of the reporting period on April 4, 2011. The DPE system vapor effluent analytical results are summarized in **Table 6**, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in **Appendix D** (complete hard copy available in AECOM's Amherst, New York offices). A total of seven VOCs were detected in the LRP unit effluent, and a total of 14 VOCs were detected in the AS unit effluent. The total VOC discharge in the LRP effluent was 51,090 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and $72 \mu\text{g}/\text{m}^3$ in the AS unit effluent. Based on these effluent totals, the calculated VOC discharge-loading rate for the combined DPE remediation system was 0.0001 lb/hr, which is below the NYSDEC discharge guidance value of 0.5 lb/hr. In comparison, during the last quarterly sampling event in January 2011 (AECOM, March 2011) and during the last comprehensive sampling event in April 2010 (AECOM, June 2010), the calculated VOC discharge-loading rates were 0.005 lb/hr and 0.011 lb/hr, respectively.

Following the sale of Scott Aviation to AVOX Systems Inc., in September 2004, AECOM assumed responsibility for Buffalo Sewer Authority (BSA) permit compliance sampling and reporting. AECOM completed a new sewer discharge permit application on behalf of Scott Technologies, Inc. (former owner of Scott Aviation, Inc., and a continuing subsidiary of Tyco International). The new permit (No. 11-03-E4045) was approved by the BSA on November 15,

2010 and became effective on April 1, 2011. The current BSA permit for the combined DPE remediation system will expire on March 31, 2014. A new permit application will be submitted in October 2013.

The current BSA permit requires quarterly sampling of treated groundwater discharge from the combined DPE groundwater remediation systems for a specific list of VOCs, total extractable hydrocarbons (TEH), total suspended solids (TSS), and pH. The quarterly discharge samples are analyzed by TestAmerica Inc., located in Amherst, New York. AECOM collected BSA compliance samples from the AS unit treated effluent discharge sampling point in July 2010, October 2010, January 2011, and April 2011. Each quarter, AECOM tabulated the analytical data, converted the data to mass loading rates, compared the results to the BSA permit requirements, and prepared a letter report for submittal to the BSA and NYSDEC. No exceedences of the BSA permit discharge limits occurred during the reporting period.

4.2 MASS REMOVAL SUMMARY

AECOM calculated the estimated VOC mass removed for both groundwater and soil vapor based on operational and analytical data collected during the reporting period. The mass removal via groundwater extraction by the combined DPE remediation system was calculated using total influent VOC concentrations, collected quarterly, and AS unit totalizer readings. The calculations are presented in **Table 7**. As shown in the table, approximately 3.5 pounds of VOCs were removed via groundwater extraction by the combined GWCT and DPE systems.

The DPE system additionally collects vapor from the subsurface and volatilizes VOCs during the groundwater extraction process. Mass removal was calculated using LRP runtime measurements, the total average LRP effluent sample VOC concentration for the reporting period, and the actual LRP airflow rate based on the manufacturer's operational curve, converted to standard cubic feet per minute. These calculations are presented in **Table 8**; approximately 11.6 pounds of VOCs were removed via the DPE system as vapor. Therefore, a total of 15.1 pounds of VOCs are estimated to have been removed by the combined DPE remediation system during the current reporting period. Combining the totals for the four reporting periods, the cumulative mass of VOCs removed by the system is approximately 2,579 pounds since system startup on May 14, 2004.

5.0 CONCLUSIONS AND UPCOMING ACTIVITIES

Based on results of the combined DPE remediation system analytical and system operational data collected during the reporting period, conclusions, upcoming site-related activities, and a proposed system monitoring schedule are presented below.

5.1 CONCLUSIONS

1. Approximately 15.1 pounds of VOCs were removed by the combined DPE remediation system during the reporting period from April 7, 2010 through April 4, 2011. A cumulative total of 2,579 pounds of VOCs has been removed since system startup on May 14, 2004.
2. The combined DPE remediation system experienced lower runtime during this reporting period (approximately 35%) when compared to the runtime for the last period (approximately 60%).
3. During the reporting period, the DPE remediation system collected approximately 104,306 gallons of groundwater at an average flow rate of 0.21 gpm. The GWCT collected approximately 500,558 gallons of groundwater at an average flow rate of 0.98 gpm. The total combined system groundwater treated and discharged to the sanitary sewer by the AS unit was approximately 604,864 gallons at a combined average flow rate of 1.19 gpm.
4. The system was in compliance with the current BSA effluent discharge permit requirements and the NYSDEC emission standard for VOCs for the entire reporting period.
5. Groundwater elevations measured on April 4, 2011 ranged from 668.75 feet above mean sea level to 687.02 feet mean sea level. The groundwater surface exhibits a cone of depression and groundwater flows inward towards the DPE recovery wells and the GWCT. This cone of depression is centered around MW-4, which is located at the western property boundary. The combined DPE remediation system continues to induce groundwater flow reversal along the western property boundary, which serves to mitigate further off-site migration of VOCs in the perched water-bearing unit.
6. Cis-1,2-DCE, 1,1-DCA, VC, TCE, and chloroethane were the most frequently detected VOCs in groundwater. For the April 2011 comprehensive groundwater sampling event, the highest concentrations of VOCs were detected west of the GWCT and the former source area soil excavation.

7. The presence and distribution of TCE daughter products (cis-1,2-DCE, VC, chloroethane) and 1,1,1-TCA daughter products (1,1,-DCA and chloroethane) continued to provide supportive evidence that the attenuation of TCE and 1,1,1-TCA via reductive dechlorination was occurring naturally at the site.
8. TCE concentrations decreased in two wells since the last comprehensive groundwater sampling event conducted at the site in April 2010. The percent reduction in TCE concentrations in groundwater was 90% and 26% at MW-14D and MW-15S, respectively.
9. The groundwater analytical data and groundwater elevation data indicate the DPE and GWCT continue to maintain hydraulic control of shallow and deep groundwater, eliminating potential off-site migration of VOCs along the western property boundary.

5.2 UPCOMING ACTIVITIES

Based on information gathered during the current reporting period, the following upcoming activities are planned for the combined DPE remediation system.

1. Per NYSDEC approval, the DPE and GWCT remediation systems will be turned off during and approximately three months following the second chemical oxidation injection pilot test.
2. While running, the DPE recovery well network will continue to target both shallow and deep perched water-bearing unit VOC contamination. This will be done by continuing to have shallow perched water-bearing unit DPE wells (DPE-1, DPE-3, DPE-5, and DPE-8) and deep perched water-bearing unit groundwater DPE recovery wells (DPE-2 and DPE-7) remain on. DPE-4 (screened across the shallow and deep perched water-bearing units) will also remain on. Only DPE-6, which is located approximately 30 feet east of the GWCT in the former soil excavation area, will be kept off-line.
3. The manifold and individual recovery wells (DPE-1 and DPE-5 in particular) for the DPE system continue to become fouled with calcium hydroxide (lime) buildup that is the result of previous soil remediation activities using quick lime. Following the next reporting period in July 2011, the DPE portion of the combined remediation system will be shut down temporarily to clean and/or replace the manifold as necessary. Also, DPE-1 and DPE-5 will be re-developed (flushed with acid) to remove excessive lime buildup within the wells and within the associated conveyance piping.
4. Sporadic sheens of LNAPL have been observed in MW-4, MW-8R, MW-13S, and MW-16S over past reporting periods. LNAPL may contribute to higher concentrations of TCE

5. being detected in these wells. As such, the use of oil absorbent booms will continue to be placed in these wells between future groundwater sampling events to collect any LNAPL present. Used absorbent booms will be disposed as part of semi-annual disposal activities conducted for the site.
6. During the next reporting period, AECOM personnel will continue to perform O&M activities at the site. **Table 9** presents the weekly, monthly, quarterly, and annual O&M schedule.
7. Targeted quarterly groundwater sampling events as well as one comprehensive groundwater sampling event will occur during the next reporting period based on the proposed monitoring and compliance sampling schedule presented in Section 5.3 of this report.
8. The ongoing chemical oxidation pilot test is scheduled to continue with a second injection event performed by O&M, Inc. in mid June 2011. The details of the pilot test are presented in the June 2010 Pilot Test Work Plan, prepared by de maximis, inc. (aka O&M, Inc.).

5.3 PROPOSED MONITORING AND COMPLIANCE SAMPLING SCHEDULE

The proposed schedule for groundwater sampling at the site during the next reporting period is presented in **Table 10**. As shown in **Table 10**, six perimeter wells, four suspected source area wells (MW-4, MW-8R, MW-16S, and MW-13S) will be sampled during the targeted quarterly events (July 2011, October 2011, and January 2012). To minimize redundancy (the four source area wells are located within approximately 30 feet of each other), only two source area wells will be sampled per quarter. Quarterly sampling will rotate between MW-4 and MW-16S, and MW-8R and MW-13S each quarter. The comprehensive groundwater monitoring event in April 2012 will include all 17 site monitoring wells and nested piezometers.

Prior to the collection of groundwater samples, a complete round of water level measurements will be collected. Groundwater samples will be analyzed for VOCs using USEPA SW-846 Method 8260B. Quality assurance/quality control samples will include rinsate blanks, trip blanks, and blind duplicate samples. Laboratory batch quality control will be included with the completed data package.

AECOM will continue to collect quarterly air samples from the AS unit and LRP vapor effluent sampling ports to ensure compliance with the NYSDEC exhaust mass-loading rate standard of 0.5 lb/hr of VOCs. Quarterly vapor effluent air samples will be collected from the LRP to

determine the mass of VOCs removed by the DPE system as a vapor. The samples will be analyzed for VOCs utilizing USEPA Method TO-15.

In addition, AECOM will continue to collect quarterly samples from the AS unit effluent discharge to the sanitary sewer as specified in the current BSA discharge permit, and AS unit influent samples will be collected to determine the treatment efficiency of the AS unit. These samples will be analyzed for VOCs, TEH, TSS, and pH as specified in the current permit. **Table 11** provides a summary of the proposed monitoring and compliance sampling activities during the next reporting period. In the event that any permit monitoring requirements change, notification of these changes will be given to the NYSDEC in a future quarterly groundwater monitoring summary report.

The next PRR (seventh comprehensive report since DPE system startup in May 2004) for the combined DPE remediation system will be prepared following the receipt of laboratory analytical results for the April 2012 comprehensive groundwater sampling event.

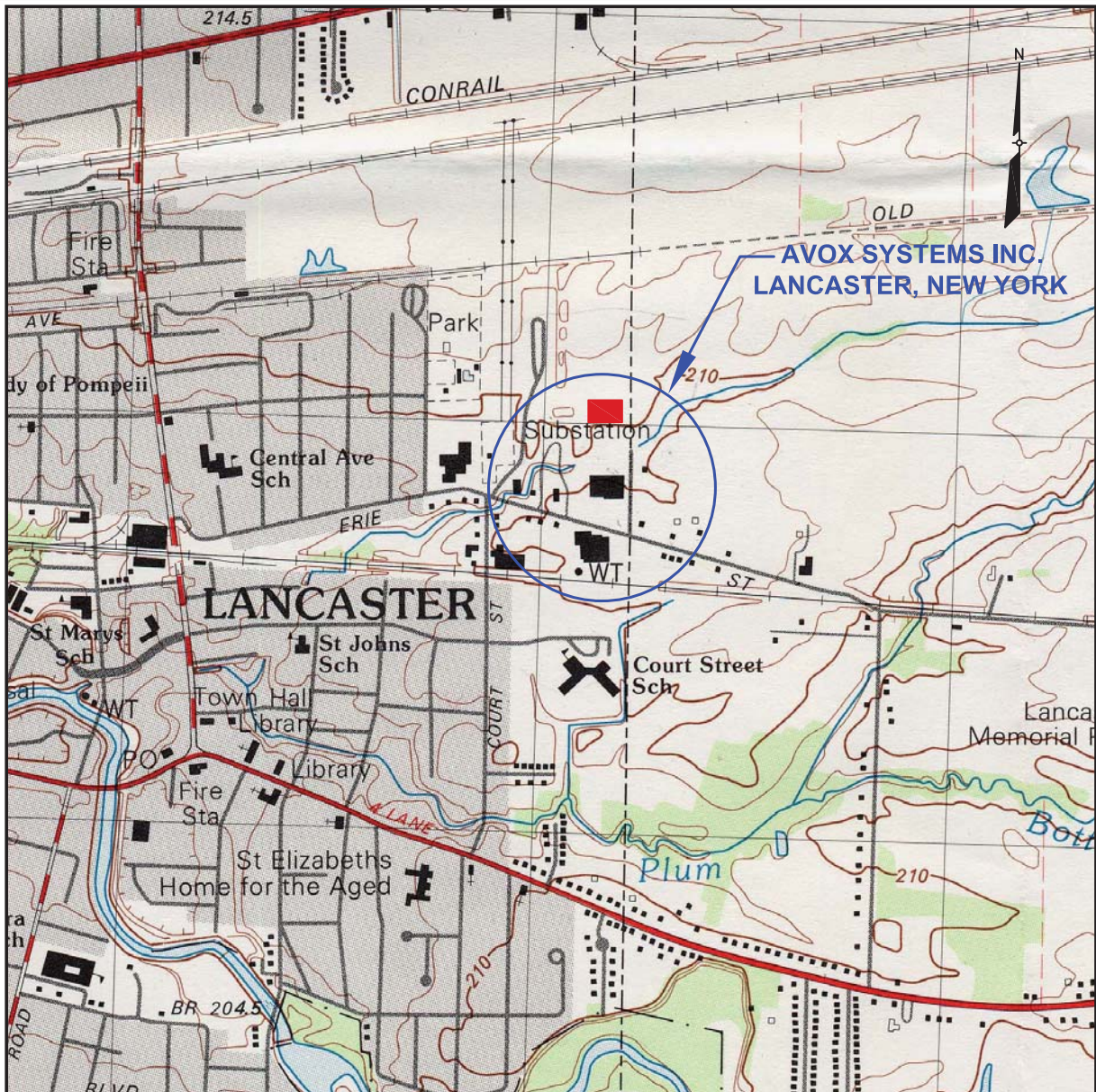
5.4 INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION

As a component of the PRR, **Appendix F** includes the completed Institutional Controls and Engineering Controls certification.

6.0 REFERENCES

- AECOM. February 2011. "First Quarter 2011 Groundwater Monitoring Report, January 2011 Sampling Event, Former Scott Aviation Facility, Lancaster, New York, NYSDEC Site Code No. 9-15-149".
- AECOM. November 2011. "Fourth Quarter 2010 Groundwater Monitoring Report, October 2010 Sampling Event, Former Scott Aviation Facility, Lancaster, New York, NYSDEC Site Code No. 9-15-149".
- AECOM. August 2010. "Third Quarter 2010 Groundwater Monitoring Report, July 2010 Sampling Event, Former Scott Aviation Facility, Lancaster, New York, NYSDEC Site Code No. 9-15-149".
- Earth Tech. November 2005. "Remedial Action Engineering Report (May 14, 2004 through July 19, 2005), Former Scott Aviation Site, Lancaster, New York".
- Earth Tech. April 2004. "Phase I Environmental Site Assessment and Modified Compliance Assessment, Tyco/Scott Aviation Facility, Lancaster, New York."
- Earth Tech. November 2003. "Remedial Design Work Plan, Scott Aviation, Inc., Lancaster, New York".
- Earth Tech. June 2003. "Site Investigation Completion Report, Scott Aviation, Inc., Lancaster, New York".
- NYSDEC. December 2002. "New York State Department of Environmental Conservation, Division of Environmental Remediation, Draft DER-10 Technical Guidance for Site Investigation and Remediation".
- NYSDEC, Division of Hazardous Waste Remediation. November 1994. "Record of Decision, Scott Aviation Site, Village of Lancaster, Eric County, I.D. Number 9-15-149".
- O'Brien & Gere Engineers, Inc. July 1996. "Soil and Ground Water Remediation Project, Scott Aviation, Lancaster, New York".

FIGURES



SOURCE:
1982 GEOLOGIC SURVEY 7.5 X 15 MINUTE TOPOGRAPHIC QUADRANGLE
LANCASTER, NEW YORK

LEGEND

■ AVOX PLANT 3 ADDED AFTER PUBLICATION OF LANCASTER, NEW YORK
TOPOGRAPHIC QUADRANGLE.

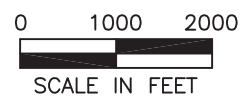
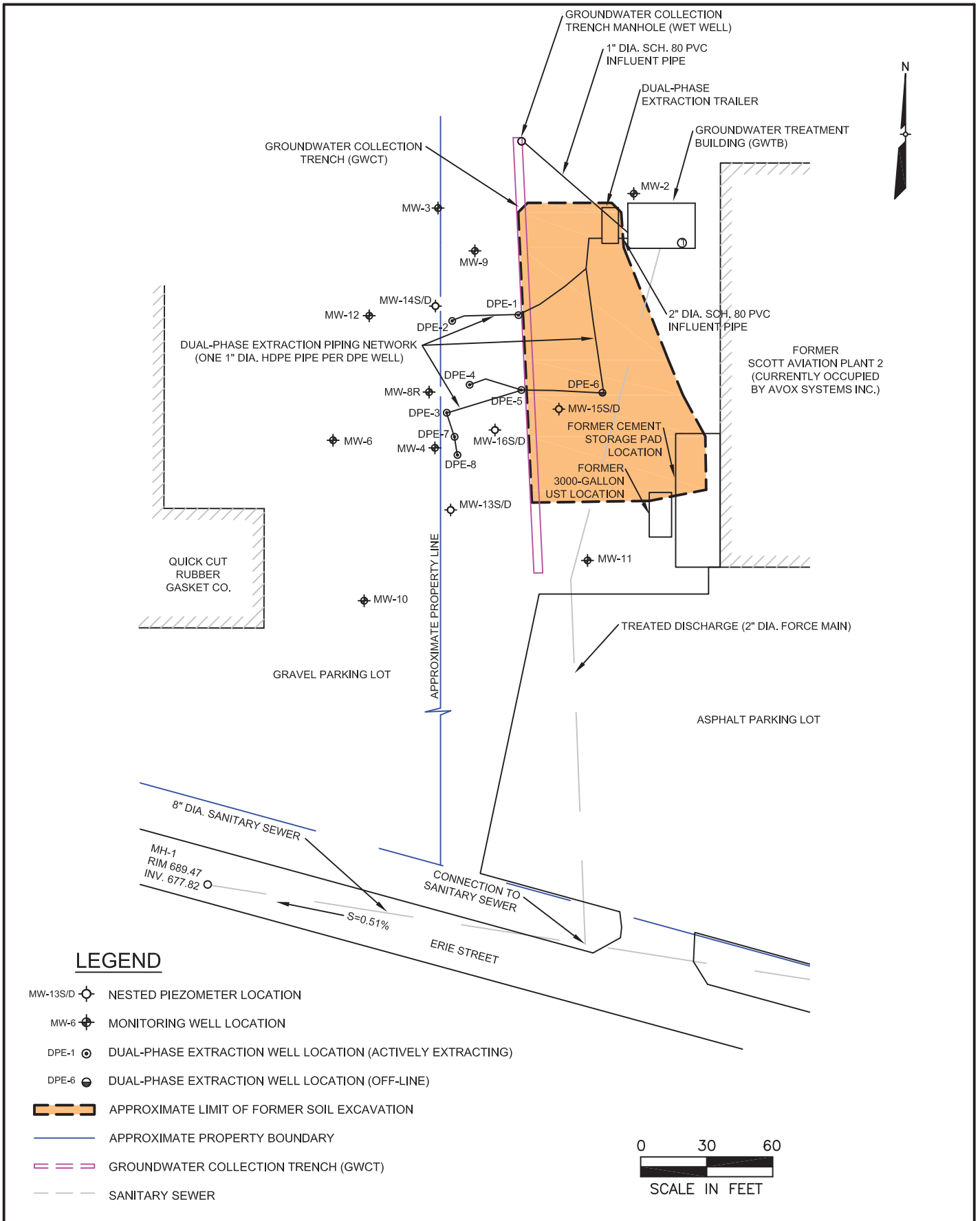


FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY AREA 1
LANCASTER, NEW YORK





**FIGURE 2
SITE FEATURES MAP**

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



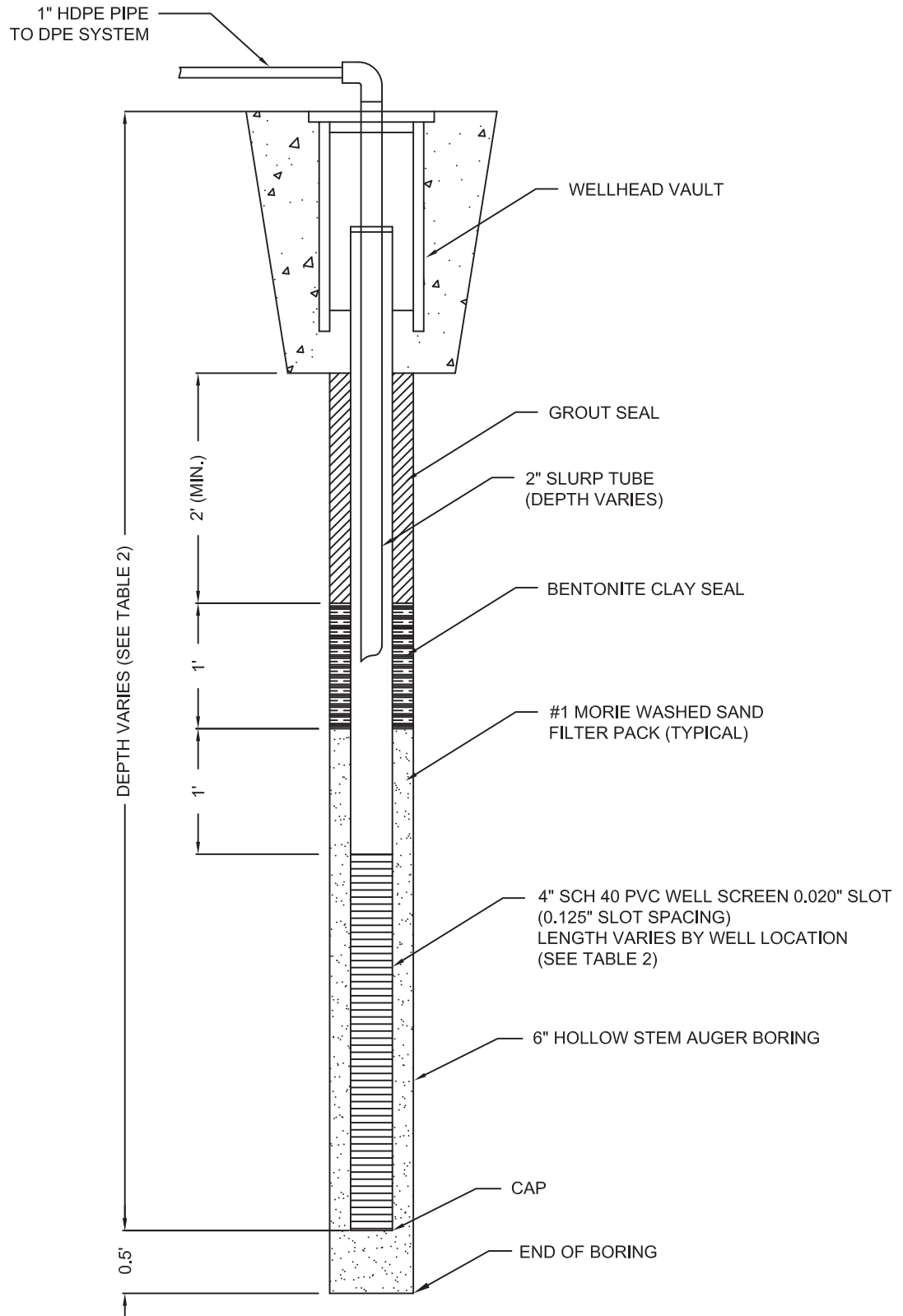


FIGURE 3
TYPICAL DUAL PHASE EXTRACTION RECOVERY
WELL CONSTRUCTION DIAGRAM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

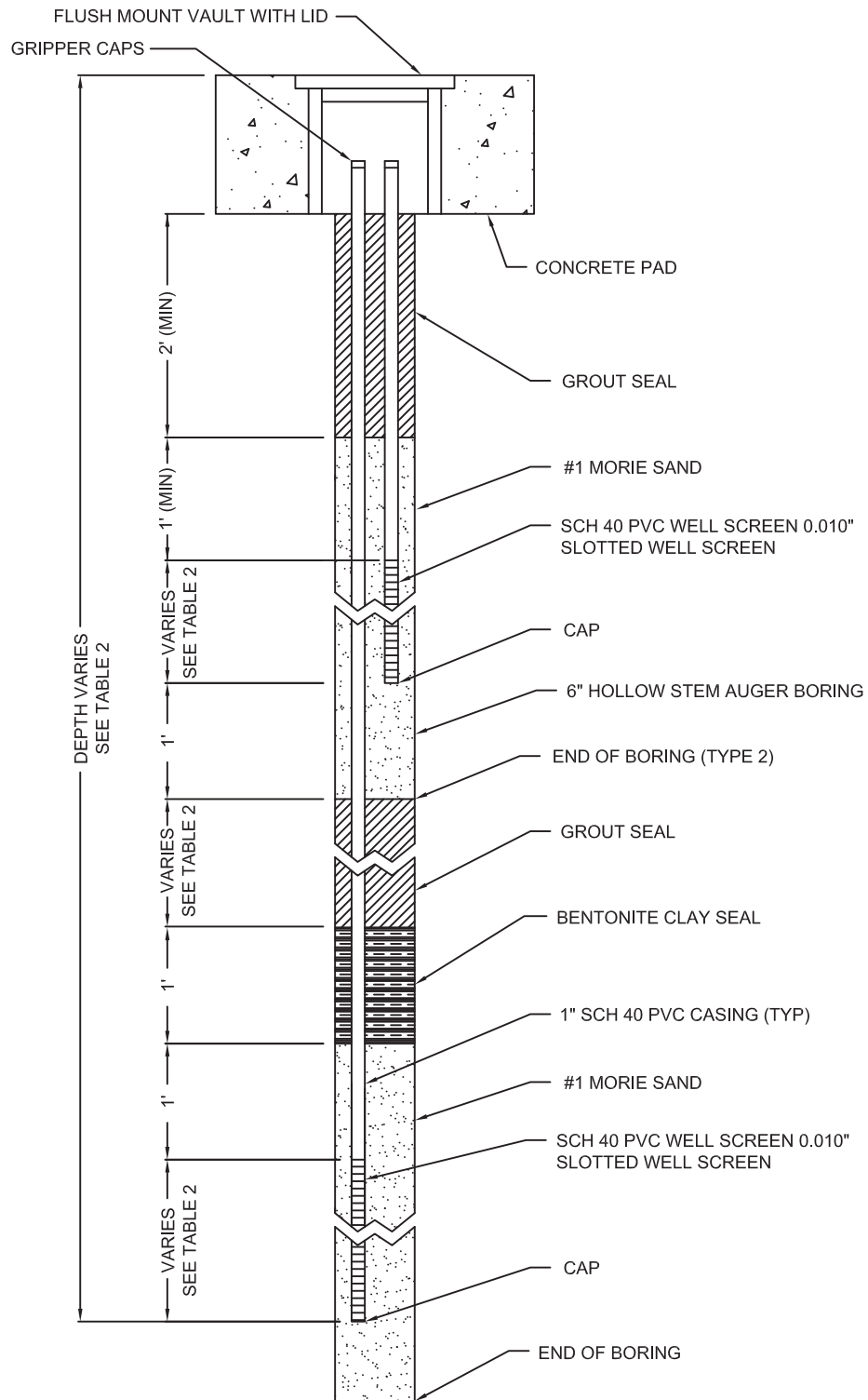
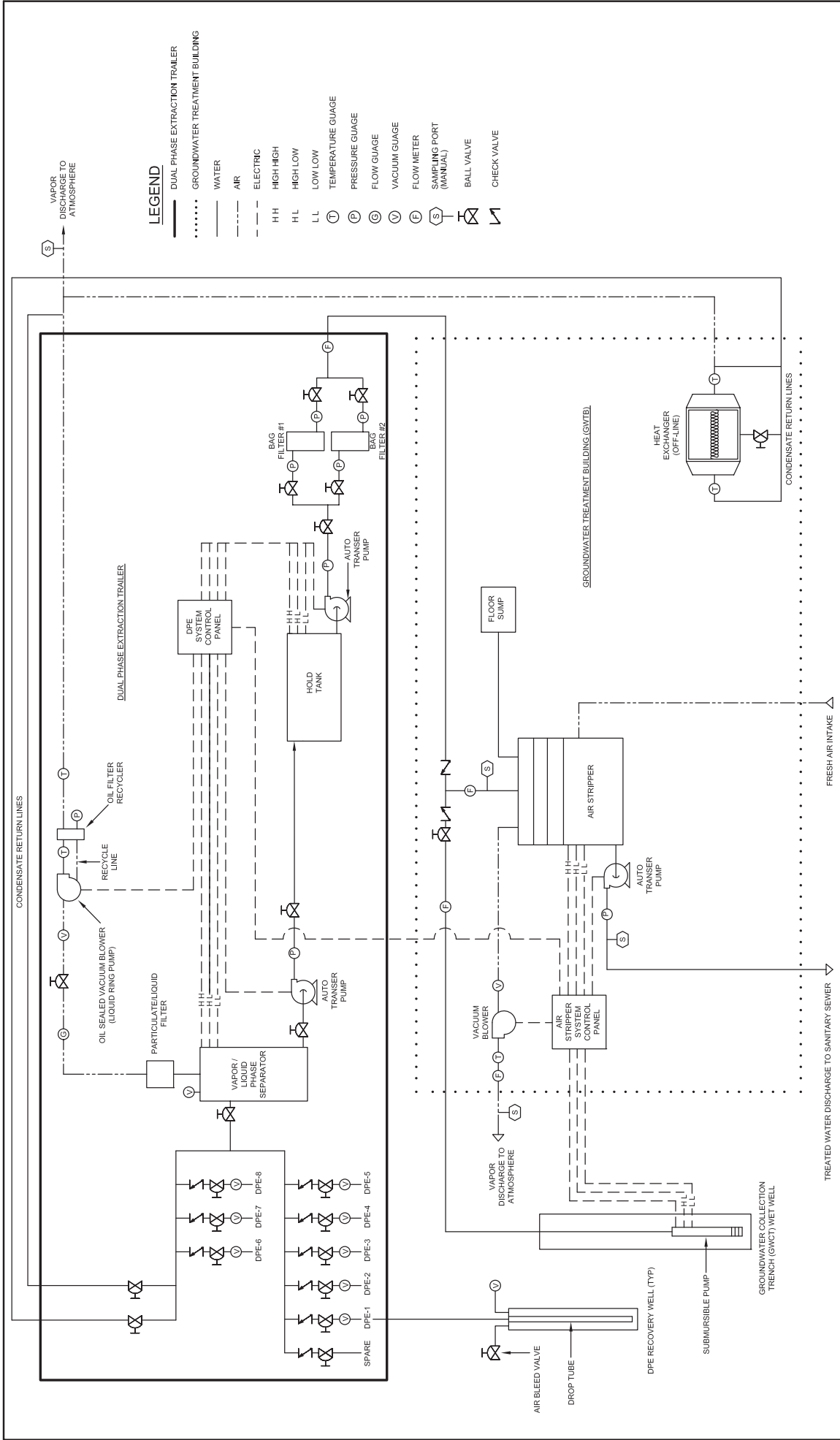


FIGURE 4
TYPICAL NESTED PIEZOMETER
CONSTRUCTION DIAGRAM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

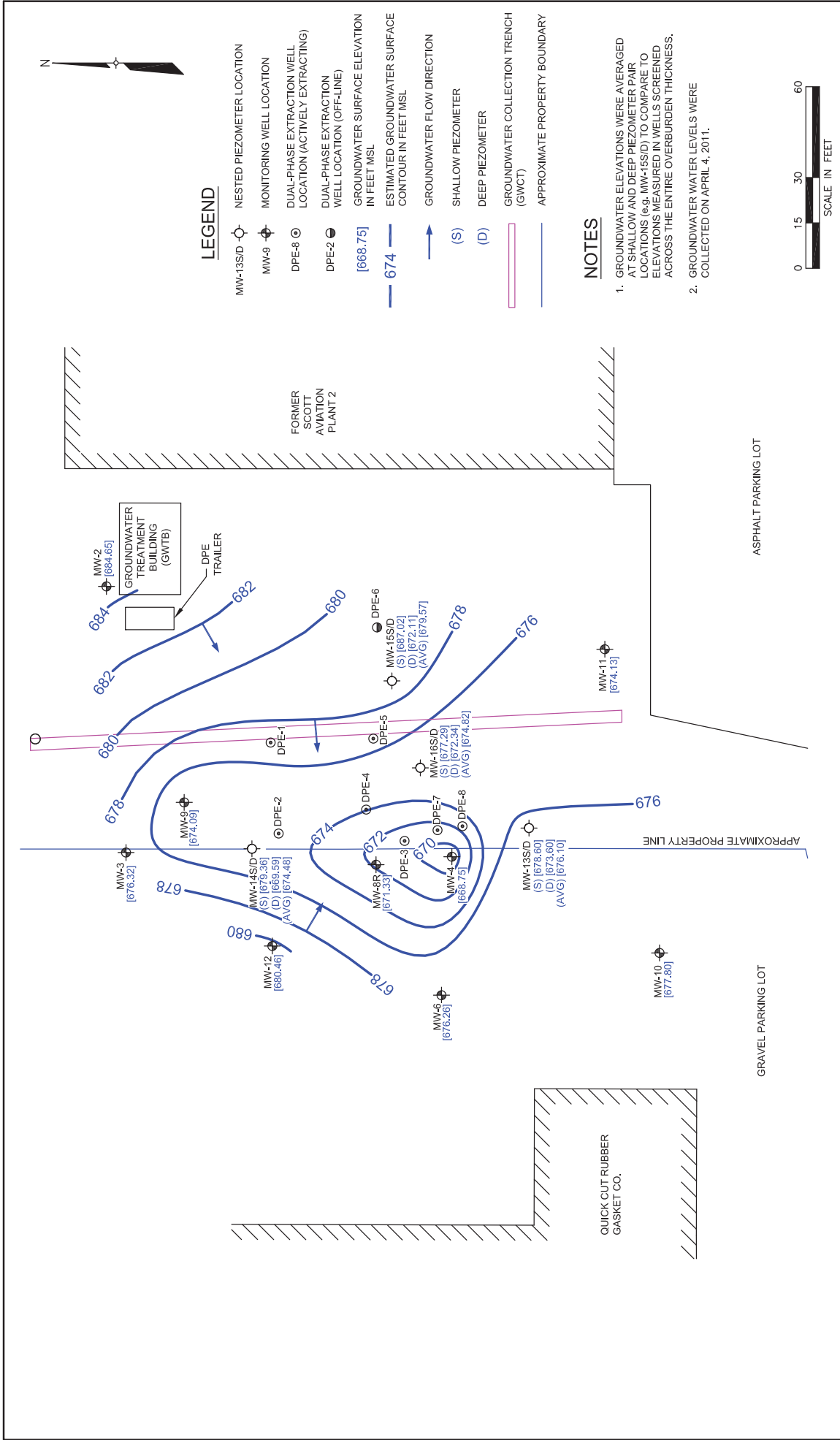


LEGEND

- DUAL PHASE EXTRACTION TRAILER
- GROUNDWATER TREATMENT BUILDING
- WATER
- - - AIR
- · - · - ELECTRIC
- HIGH HIGH
- HIGH LOW
- LOW LOW
- (T) TEMPERATURE GAUGE
- (P) PRESSURE GAUGE
- (G) FLOW GAUGE
- (V) VACUUM GAUGE
- (F) FLOW METER
- (S) SAMPLING PORT (MANUAL)
- (B) BALL VALVE
- (C) CHECK VALVE

FIGURE 5
PROCESS AND INSTRUMENTATION DIAGRAM
FOR COMBINED DUAL PHASE EXTRACTION
REMEDIATION SYSTEM
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK





LEGEND

- MW-13SD NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-2 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [668.75] GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 674 ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- GROUNDWATER FLOW DIRECTION
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

1. GROUNDWATER ELEVATIONS WERE AVERAGED AT SHALLOW AND DEEP PIEZOMETER PAIR LOCATIONS (e.g. MW-15SD) TO COMPARE TO ELEVATIONS MEASURED IN WELLS SCREENED ACROSS THE ENTIRE OVERBURDEN THICKNESS.
2. GROUNDWATER WATER LEVELS WERE COLLECTED ON APRIL 4, 2011.

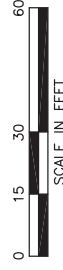


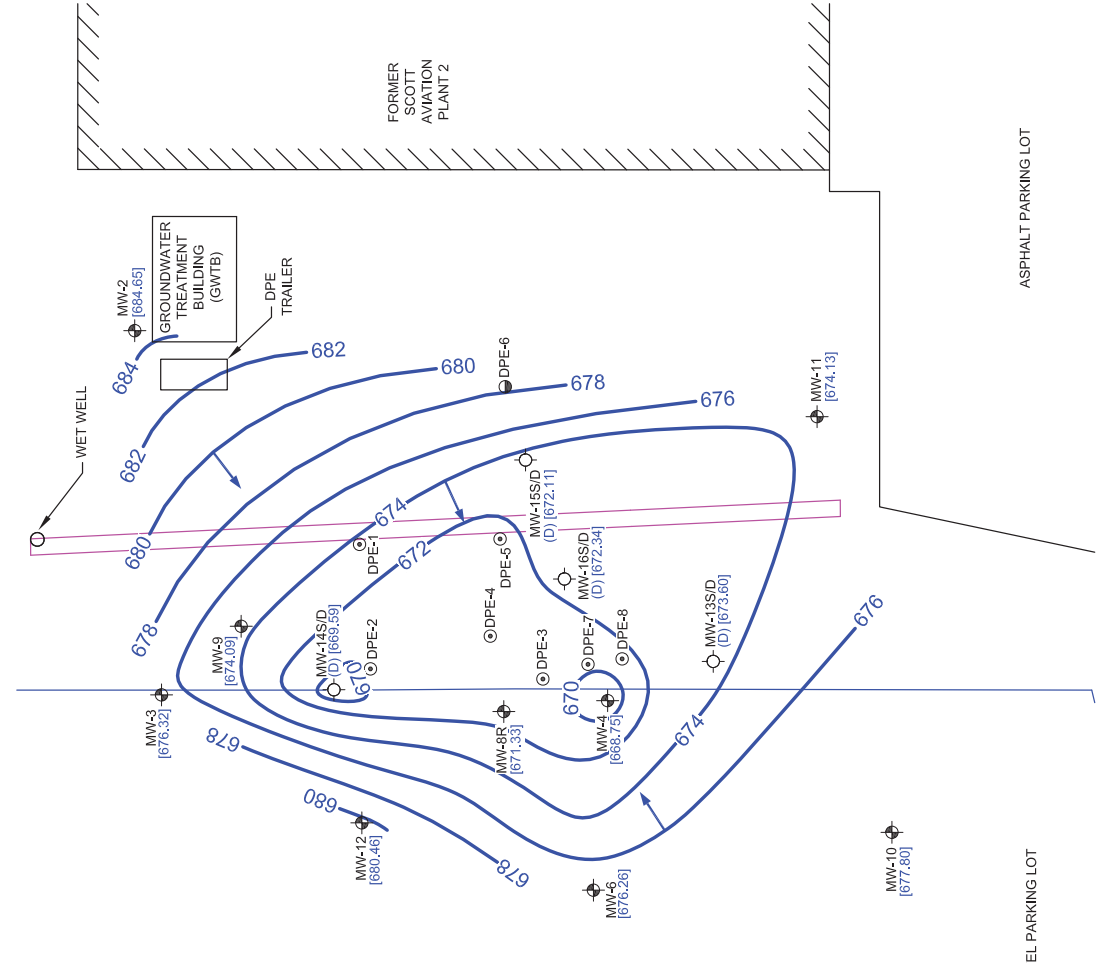
FIGURE 6
GROUNDWATER SURFACE CONTOUR MAP
 APRIL 2011
AVERAGE WATER LEVELS
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



Quarterly Groundwater Monitoring Water Level Data - April 4, 2011
 Former Scott Aviation Facility
 NYSDEC Site Code No. 9-15-149
 Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	5.70	684.65
MW-3	687.02	10.70	676.32
MW-4	686.42	17.67	668.75
MW-6	686.53	10.27	676.26
MW-8R	686.21	14.88	671.33
MW-9	686.64	14.55	672.09
MW-10	688.41	9.61	677.80
MW-11	688.65	14.52	674.13
MW-12	686.15	5.69	680.46
Nested Piezometers			
MW-13S	686.60	8.00	678.60
MW-13D	686.73	13.13	673.60
MW-14S	685.70	6.34	679.36
MW-14D	685.82	16.23	669.59
MW-15S	687.52	0.50	687.02
MW-15D	687.62	15.51	672.11
MW-16S	685.84	8.55	677.29
MW-16D	686.01	13.67	672.34

Notes:
 TOC - Top of Casing
 AMSL - Above Mean Sea Level
 NA - Not available



LEGEND

- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-2 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [668.75] GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 674 ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- GROUND WATER FLOW DIRECTION
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

- GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.
- GROUNDWATER WATER LEVELS WERE COLLECTED ON APRIL 4, 2011.

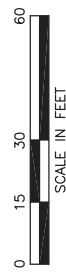
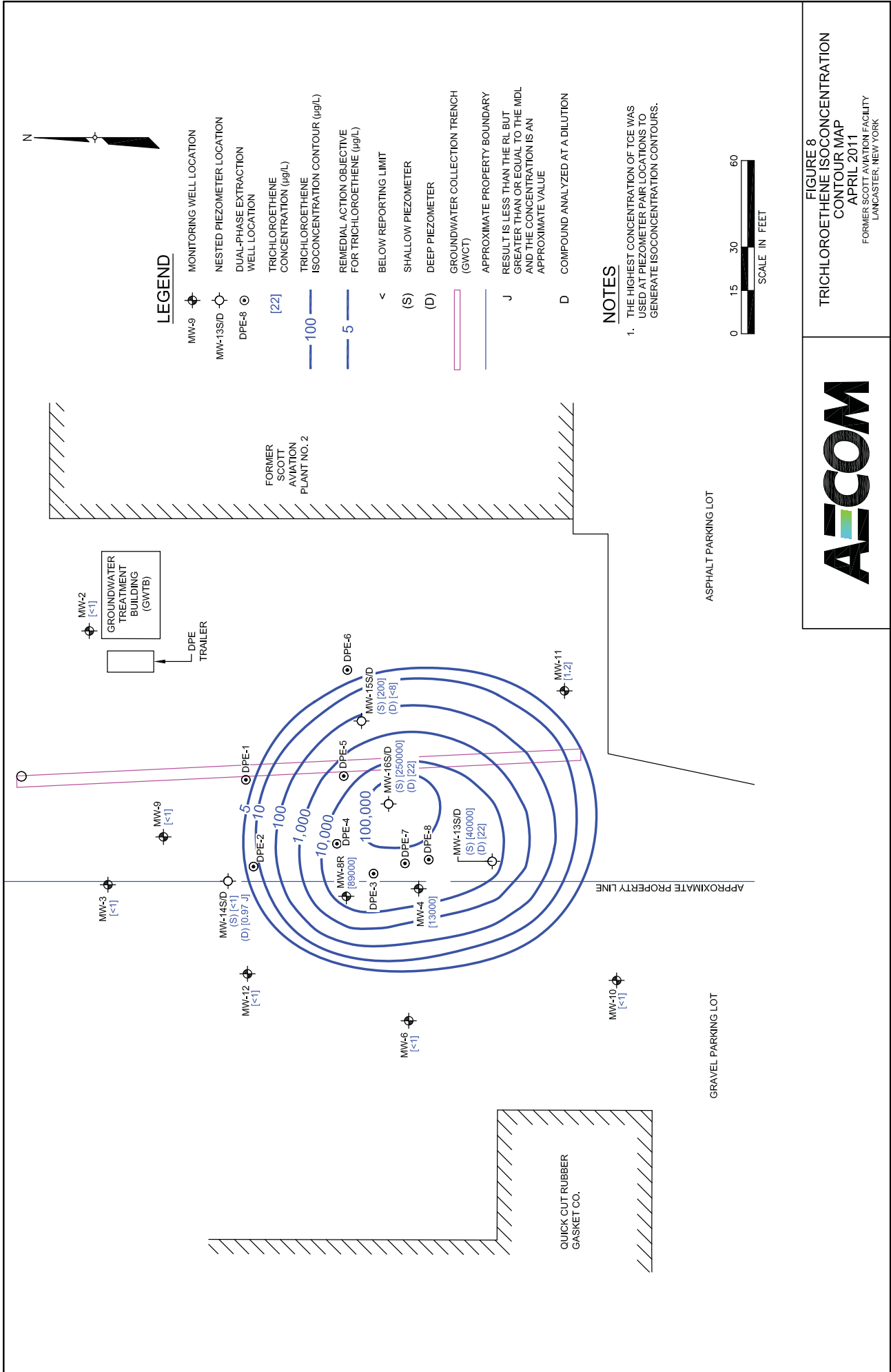


FIGURE 7
 GROUNDWATER SURFACE CONTOUR MAP
 APRIL 2011
 DEEP OVERBURDEN GROUNDWATER LEVELS
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [22] TRICHLOROETHENE CONCENTRATION (µg/L)
- 100 TRICHLOROETHENE ISOCONCENTRATION CONTOUR (µg/L)
- 5 REMEDIAL ACTION OBJECTIVE FOR TRICHLOROETHENE (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE
- D COMPOUND ANALYZED AT A DILUTION

NOTES

1. THE HIGHEST CONCENTRATION OF TCE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

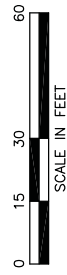


FIGURE 8
TRICHLOROETHENE ISOCONCENTRATION
CONTOUR MAP
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK





LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [21] CIS-1,2 DICHLOROETHENE CONCENTRATION (µg/L)
- 10 — CIS-1,2 DICHLOROETHENE ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- 5 — REMEDIAL ACTION OBJECTIVE FOR CIS-1,2 DICHLOROETHENE (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE
- D COMPOUND ANALYZED AT A DILUTION

NOTES

1. THE HIGHEST CONCENTRATION OF CIS-1,2 DICHLOROETHENE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

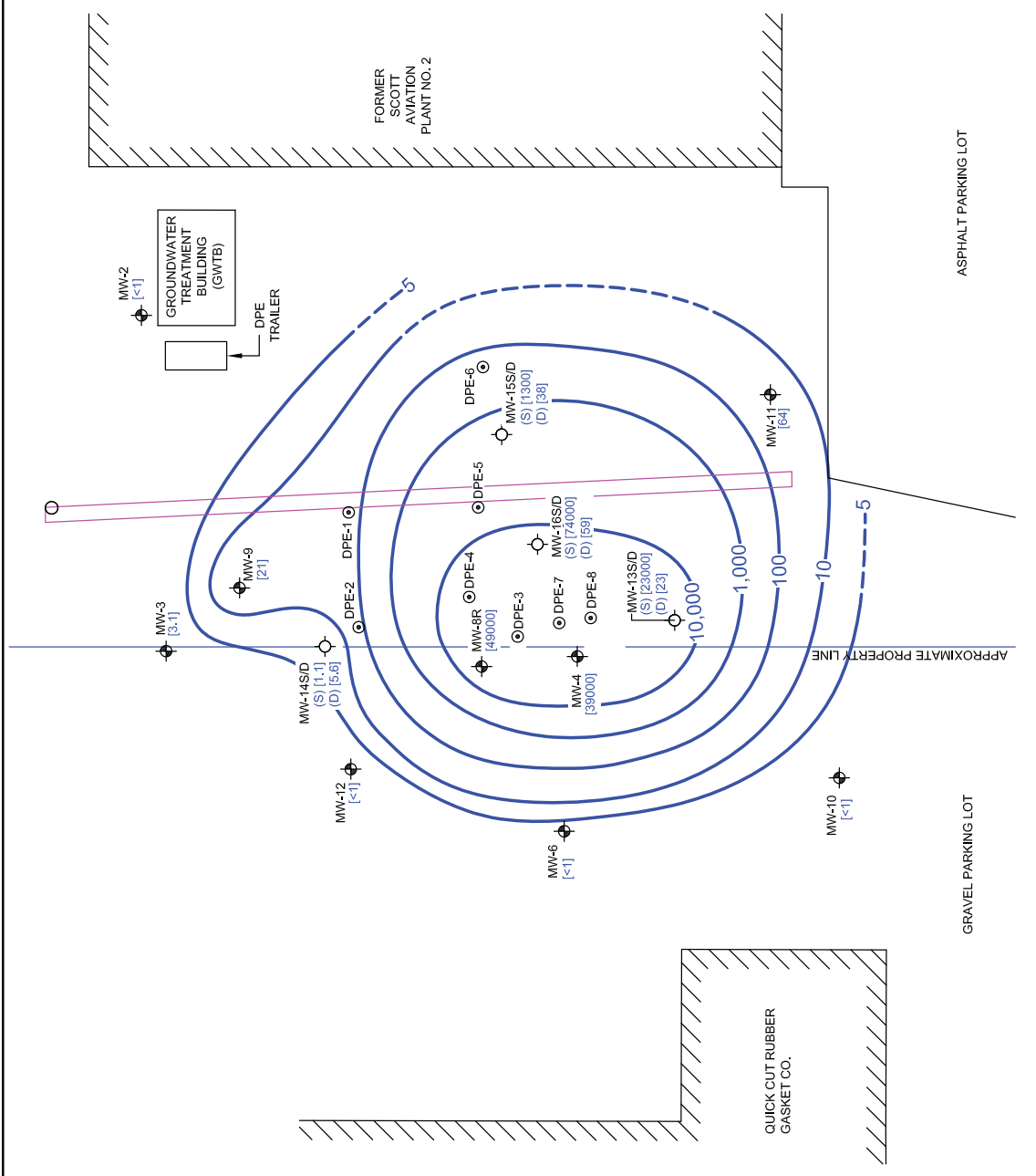
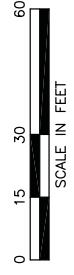
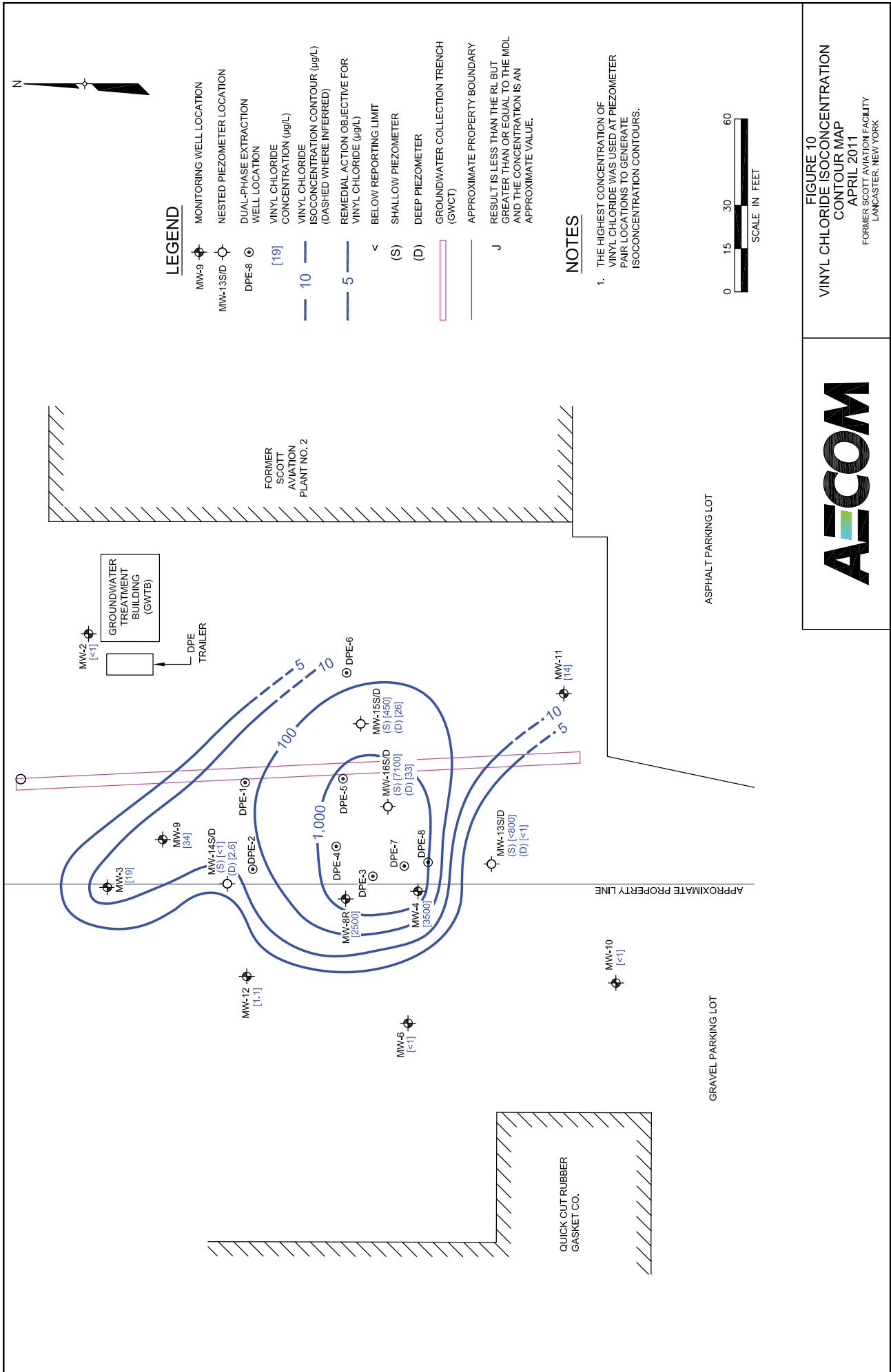


FIGURE 9
CIS-1,2-DICHLOROETHENE ISOCONCENTRATION
CONTOUR MAP
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [19] VINYL CHLORIDE CONCENTRATION (µg/L)
- 10 VINYL CHLORIDE ISOCONCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- 5 REMEDIAL ACTION OBJECTIVE FOR VINYL CHLORIDE (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

1. THE HIGHEST CONCENTRATION OF VINYL CHLORIDE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

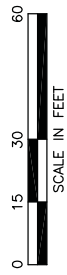
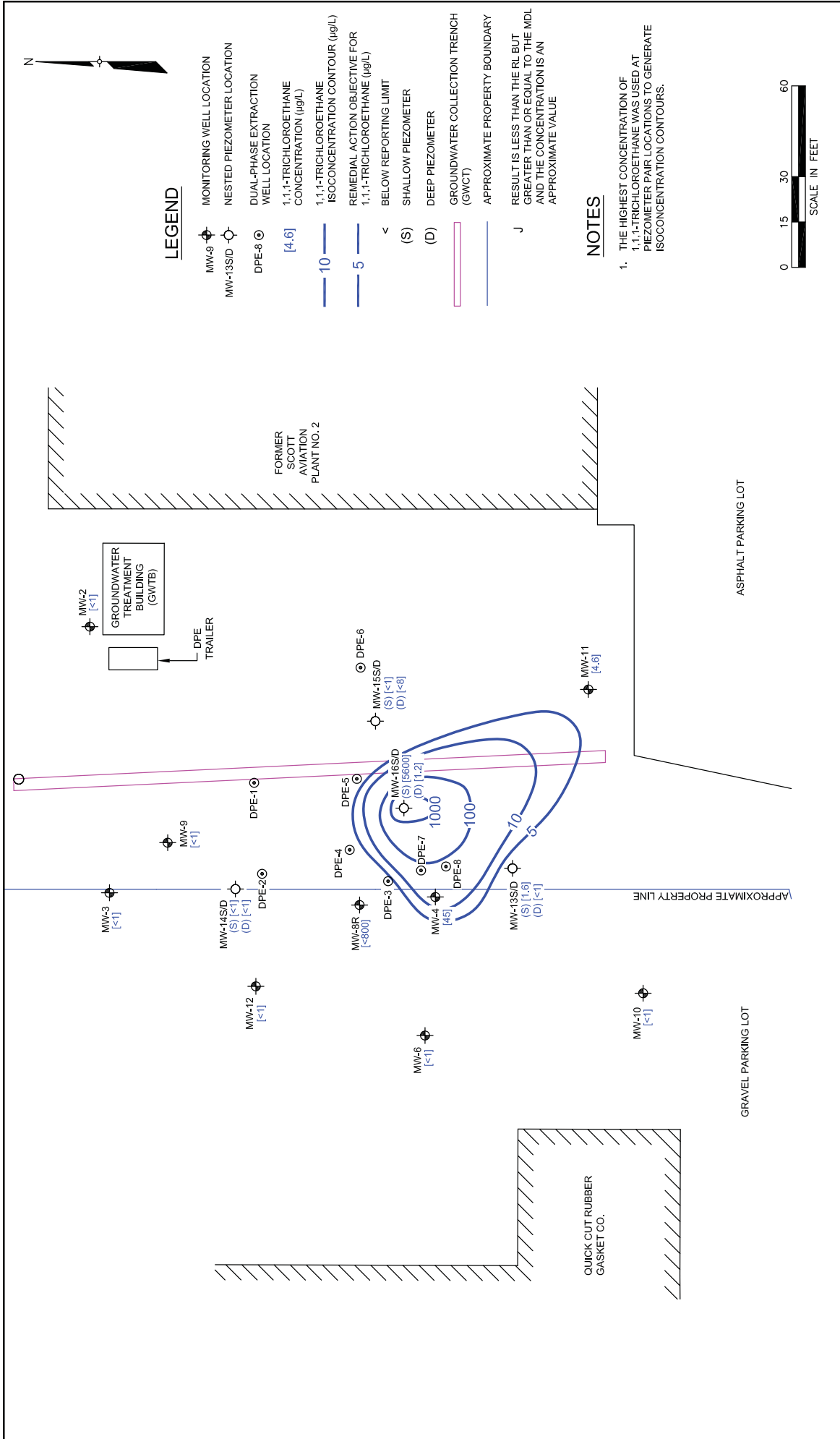


FIGURE 10
VINYL CHLORIDE ISOCONCENTRATION
CONTOUR MAP
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK





LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [4.6] 1,1,1-TRICHLOROETHANE CONCENTRATION (µg/L)
- 10 1,1,1-TRICHLOROETHANE ISOCONCENTRATION CONTOUR (µg/L)
- 5 REMEDIAL ACTION OBJECTIVE FOR 1,1,1-TRICHLOROETHANE (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE

NOTES

1. THE HIGHEST CONCENTRATION OF 1,1,1-TRICHLOROETHANE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCONCENTRATION CONTOURS.

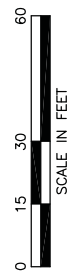
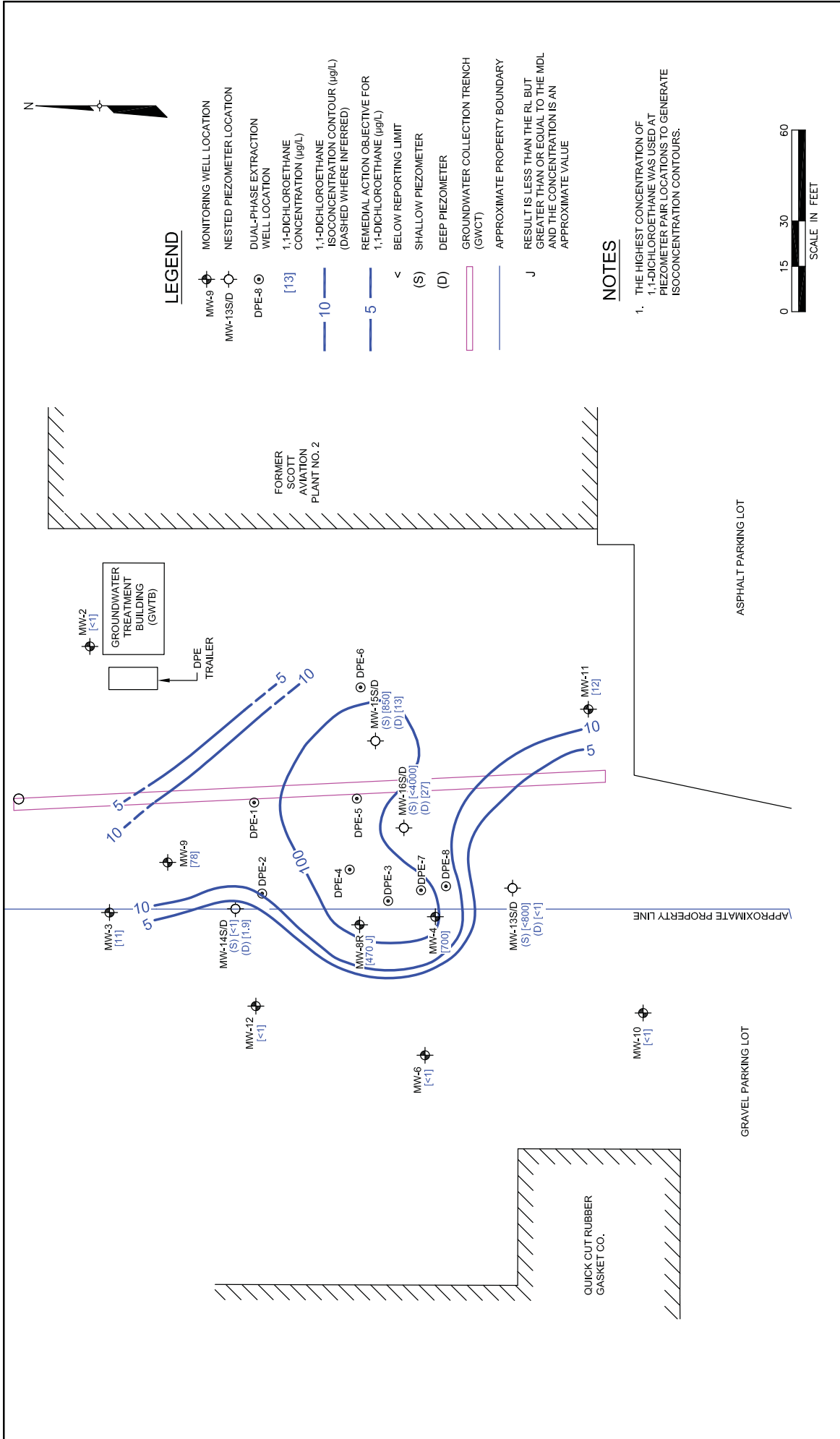


FIGURE 11
1,1,1-TRICHLOROETHANE ISOCONCENTRATION
CONTOUR MAP
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK





LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13SD NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [13] 1,1-DICHLOROETHANE CONCENTRATION (µg/L)
- 10 1,1-DICHLOROETHANE ISOCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRED)
- 5 REMEDIAL ACTION OBJECTIVE FOR 1,1-DICHLOROETHANE (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE

NOTES

1. THE HIGHEST CONCENTRATION OF 1,1-DICHLOROETHANE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCENTRATION CONTOURS.

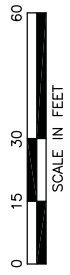
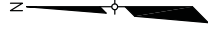


FIGURE 12
1,1-DICHLOROETHANE ISOCENTRATION
CONTOUR MAP
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK





LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13SID NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [22] CHLOROETHANE CONCENTRATION (µg/L)
- 10 CHLOROETHANE ISOCENTRATION CONTOUR (µg/L) (DASHED WHERE INFERRRED)
- 5 REMEDIAL ACTION OBJECTIVE FOR CHLOROETHANE (µg/L)
- < BELOW REPORTING LIMIT
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY
- J RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE
- D COMPOUND ANALYZED AT A DILUTION

NOTES

1. THE HIGHEST CONCENTRATION OF CHLOROETHANE WAS USED AT PIEZOMETER PAIR LOCATIONS TO GENERATE ISOCENTRATION CONTOURS.

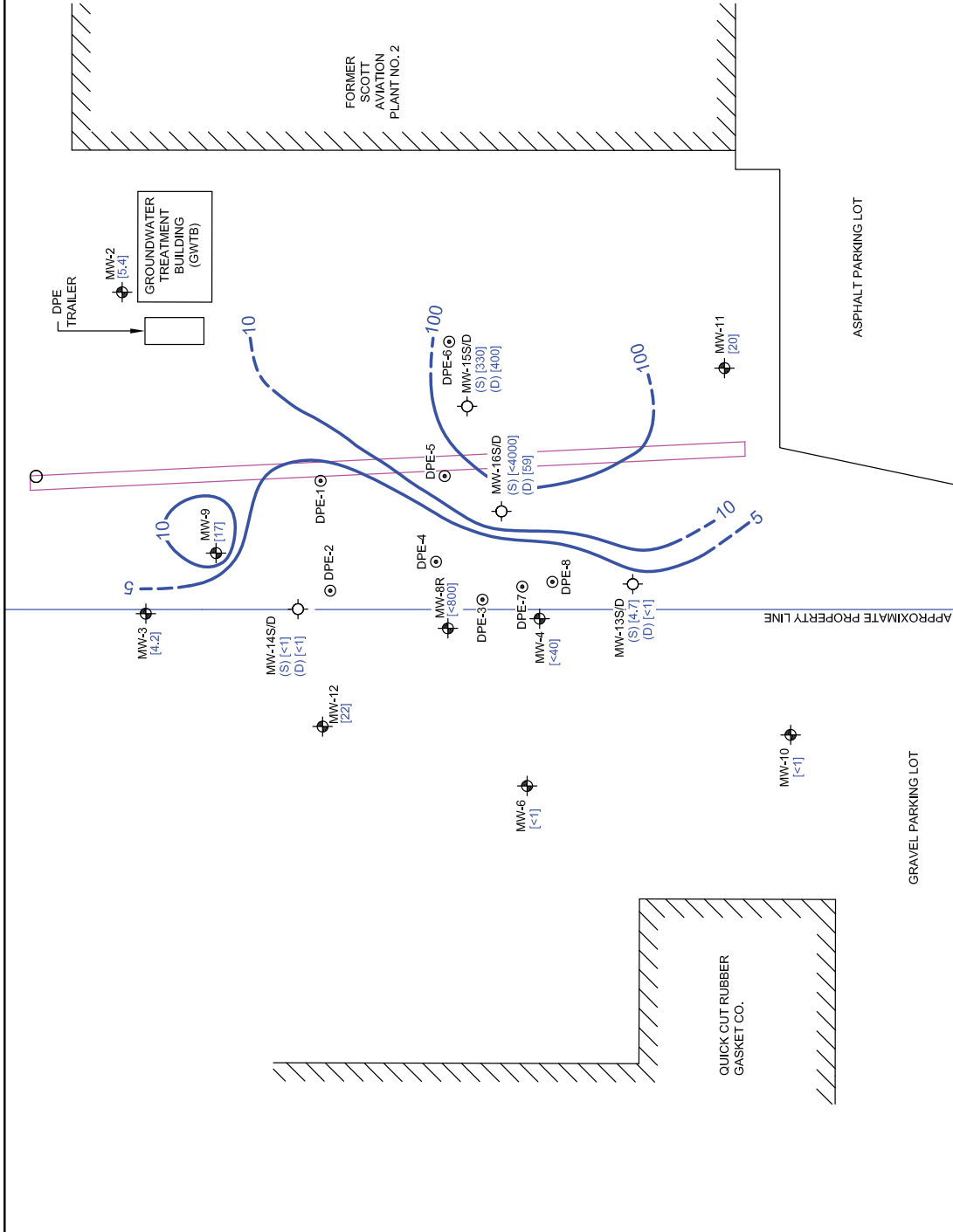
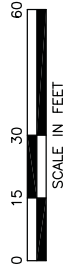
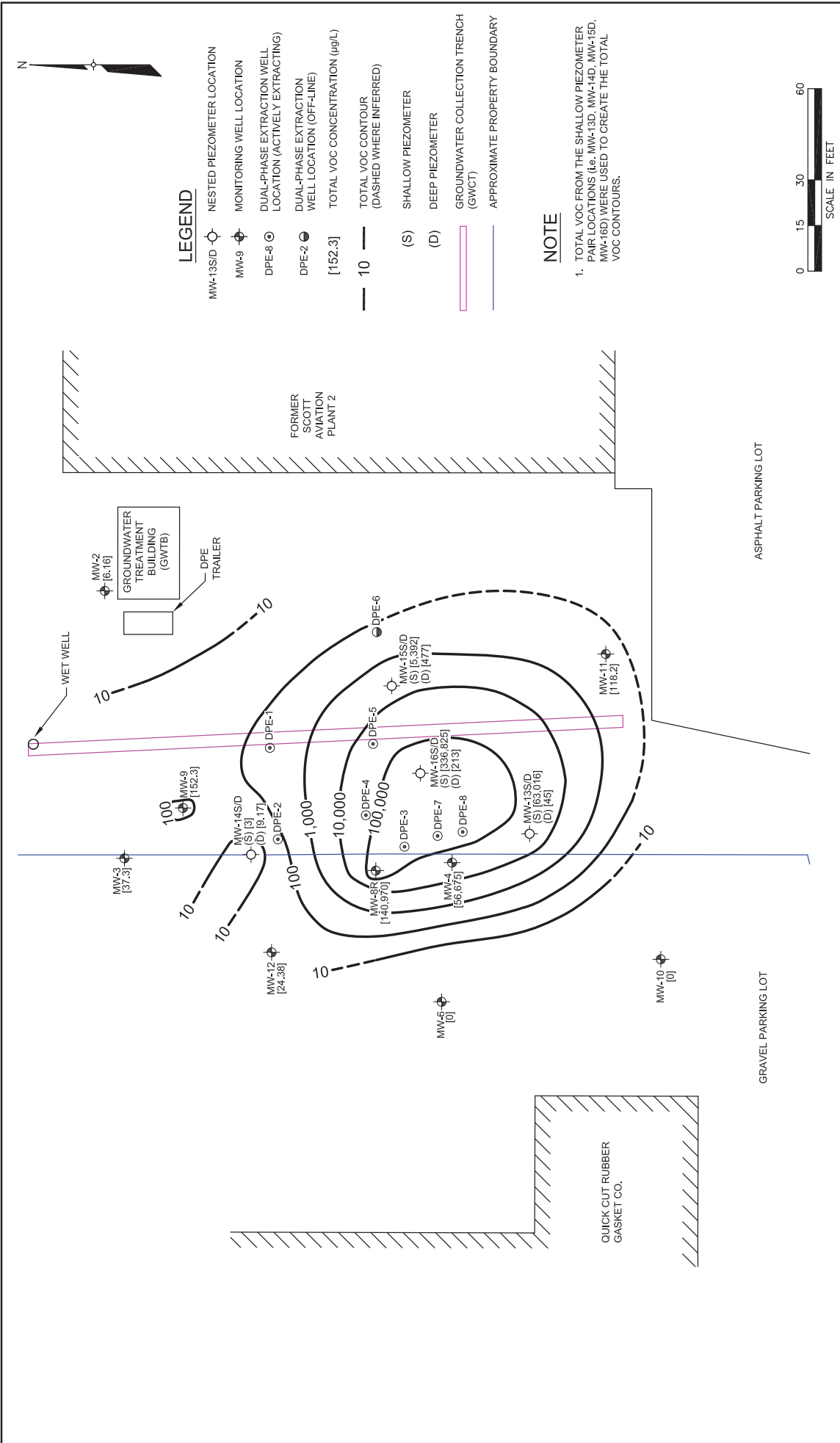


FIGURE 13
CHLOROETHANE ISOCONCENTRATION
CONTOUR MAP
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



LEGEND

- MW-13SID NESTED PIEZOMETER LOCATION
- MW-9 MONITORING WELL LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION (ACTIVELY EXTRACTING)
- DPE-2 DUAL-PHASE EXTRACTION WELL LOCATION (OFF-LINE)
- [152.3] TOTAL VOC CONCENTRATION (µg/L)
- 10 TOTAL VOC CONTOUR (DASHED WHERE INFERRED)
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTE

1. TOTAL VOC FROM THE SHALLOW PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE TOTAL VOC CONTOURS.

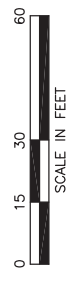


FIGURE 14
TOTAL VOC CONTAMINANT PLUME BASED ON
SHALLOW OVERBURDEN GROUNDWATER DATA
APRIL 2011
 FORMER SCOTT AVIATION FACILITY
 LANCASTER, NEW YORK



TABLES

Table 1

Remedial Action Objectives
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

VOCs	Remedial Action Objective	
	Soil (mg/kg)	Groundwater (µg/L)
Chloroethane	1	5
1,1-Dichloroethane	1	5
1,2-Dichloroethene	1	5
1,1,1-Trichloroethane	1	5
Trichloroethene	1	5
Vinyl chloride	1	5
Ethylbenzene	1	5
Toluene	1	5
Xylenes	1	5
Total VOCs	10	NA

Notes:

mg/kg - milligrams per kilogram

µg/L - micrograms per liter

NA - not applicable

VOCs - volatile organic compounds

Table 2

**Monitoring Well, Nested Piezometer, and Dual Phase Extraction Well Construction Specifications
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Well ID	Date Installed	Well Diameter (inches)	Bottom of Boring (ft bgs)	Screen Length (feet)	Screen Well Interval (ft bgs)	Filter Sand Pack Interval (ft bgs)	Bentonite Seal Interval (ft bgs)
Monitoring Wells							
MW-1	(1)	NA	NA	NA	NA	NA	NA
MW-2	05/24/91	2.0	15.0	10	5.0 - 15.0	4.0 - 15.0	1.0 - 4.0
MW-3	05/19/91	2.0	26.0	15	11.0 - 26.0	9.0 - 26.0	5.0 - 9.0
MW-4	05/23/91	2.0	26.0	10	16.0 - 26.0	14.0 - 26.0	11.0 - 14.0
MW-5	(1)	NA	NA	NA	NA	NA	NA
MW-6	03/17/04	2.0	26.0	10	16.0 - 26.0	14.0 - 16.0	11.5 - 14.0
MW-7	(2)	NA	NA	NA	NA	NA	NA
MW-8R	02/17/04	2.0	28.0	10	14.0 - 24.0	13.0 - 24.5	12.0 - 13.0
MW-9	04/11/99	2.0	25.4	20	5.4 - 25.4	4.0 - 25.4	2.0 - 4.0
MW-10	04/11/99	2.0	24.4	20	4.4 - 24.4	3.0 - 4.4	1.0 - 3.0
MW-11	03/01/04	2.0	29.0	20	8.5 - 28.5	7.5 - 29.0	6.5 - 7.5
MW-12	03/17/04	2.0	27.5	20	7.0 - 27.0	6.0 - 27.5	5.0 - 6.0
Nested Piezometers							
MW-13S	03/03/04	1.0	24.0	8	8.5 - 16.5	7.5 - 17.0	6.5 - 7.5
MW-13D	03/03/04	1.0	24.0	4	19.5 - 23.5	19.0 - 24.0	17.0 - 19.0
MW-14S	03/04/05	1.0	24.0	8	8.5 - 16.5	7.5 - 16.75	6.5 - 7.5
MW-14D	03/04/05	1.0	24.0	5	18.5 - 23.5	18.25 - 24.0	16.75 - 18.25
MW-15S	03/02/05	1.0	28.0	6	12.0 - 18.0	11.0 - 12.0	10.0 - 11.0
MW-15D	03/02/05	1.0	28.0	4	21.0 - 25.0	20.5 - 28.0	18.5 - 20.5
MW-16S	03/03/05	1.0	24.0	6	12.0 - 18.0	11.0 - 18.25	10.0 - 11.0
MW-16D	03/03/05	1.0	24.0	4	20.0 - 24.0	19.75 - 24.0	18.25 - 19.75
Dual Phase Extraction Wells							
DPE-1	02/17/04	4.0	18.5	5	13.0 - 18.0	12.0 - 18.5	11.0 - 12.0
DPE-2	02/19/04	4.0	26.0	5	18.5 - 23.5	18.0 - 26.0	17.0 - 18.0
DPE-3	02/18/04	4.0	18.0	8	8.5 - 16.5	8.0 - 18.0	7.0 - 8.0
DPE-4	(3)	2.0	27.7	20	7.7 - 27.7	6.0 - 27.7	4.0 - 6.0
DPE-5	02/16/04	4.0	18.3	6	12.0 - 18.0	11.0 - 18.3	10.0 - 11.0
DPE-6	02/16/04	4.0	18.3	6	12.0 - 18.0	11.0 - 18.3	10.0 - 11.0
DPE-7	02/19/04	4.0	26.0	4	19.5 - 23.5	19.0 - 26.0	18.0 - 19.0
DPE-8	02/18/04	4.0	17.0	8	8.5 - 16.5	8.0 - 17.0	7.0 - 8.0

Notes:

ft bgs - feet below ground surface

MW-# - Monitoring Well

DPE-# - Dual Phase Extraction Recovery Well

(1) MW-1 and MW-5 are not monitored for this project.

(2) MW-7 was abandoned in November 2003 per Section 3.7 of the Remedial Design Work Plan.

(3) Pre-existing monitoring well MW-8 (installed 04/11/99) was converted to DPE-4 in February 2004.

NA - Information is not available.

Table 3

**Summary of the Groundwater Monitoring Program
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Event Date	Number of Wells/Piezometers Sampled	Wells/Piezometers Sampled			
Quarterly Groundwater Monitoring					
July 2010	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S
October 2010	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S
January 2011	8	MW-2 MW-10	MW-3 MW-12	MW-6 MW-13S	MW-8R
Comprehensive Annual Groundwater Monitoring					
April 2011	17	MW-2 MW-8R MW-12 MW-14D MW-16D	MW-3 MW-9 MW-13S MW-15S	MW-4 MW-10 MW-13D MW-15D	MW-6 MW-11 MW-14S MW-16S

Table 4

Quarterly Groundwater Monitoring Water Level Data - April 4, 2011
 Former Scott Aviation Facility
 NYSDEC Site Code No. 9-15-149
 Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation (feet AMSL)	Depth to Water (feet from TOC)	Ground Water Elevation (feet AMSL)
Monitoring Wells			
MW-2	690.35	5.70	684.65
MW-3	687.02	10.70	676.32
MW-4	686.42	17.67	668.75
MW-6	686.53	10.27	676.26
MW-8R	686.21	14.88	671.33
MW-9	688.64	14.55	674.09
MW-10	687.41	9.61	677.80
MW-11	688.65	14.52	674.13
MW-12	686.15	5.69	680.46
Nested Piezometers			
MW-13S	686.60	8.00	678.60
MW-13D	686.73	13.13	673.60
MW-14S	685.70	6.34	679.36
MW-14D	685.82	16.23	669.59
MW-15S	687.52	0.50	687.02
MW-15D	687.62	15.51	672.11
MW-16S	685.84	8.55	677.29
MW-16D	686.01	13.67	672.34

Notes:

TOC - Top of Casing
 AMSL - Above Mean Sea Level
 NA - Not available

Table 5

Summary of Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID Date Collected Lab Sample ID	Groundwater RAO/ NYCRR Objectives	MW-2 04/04/11 480-3471-13	MW-3 04/04/11 480-3471-14	MW-4 04/06/11 480-3471-15	MW-6 04/04/11 480-3471-16	MW-8R 04/06/11 480-3471-17	MW-9 04/04/11 480-3471-18	MW-10 04/04/11 480-3471-2	MW-11 04/05/11 480-3471-3	MW-12 04/04/11 480-3471-4
Volatile Organic Compounds by Method 8260 (µg/L)										
1,1,1-Trichloroethane	5	< 1 U	< 1 U	45	< 1 U	< 800 U	< 1 U	< 1 U	4.6	< 1 U
1,1,2,2-Tetrachloroethane	5	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	< 1 U	11	700	< 1 U	470 J	78	< 1 U	12	< 1 U
1,1-Dichloroethene	5	< 1 U	< 1 U	300	< 1 U	< 800 U	< 1 U	< 1 U	2.4	< 1 U
1,2-Dichloroethane	0.6	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	2.3	< 1 U	< 1 U	0.55 J
2-Hexanone	50	< 5 U	< 5 U	< 200 U	< 5 U	< 4000 U	< 5 U	< 5 U	< 5 U	< 5 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 400 U	< 10 U	< 8000 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	NL	< 5 U	< 5 U	< 200 U	< 5 U	< 4000 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	< 10 U	< 10 U	< 400 U	< 10 U	< 8000 U	< 10 U	< 10 U	< 10 U	< 10 U
Benzene	1	0.76 J	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	0.73 J
Carbon disulfide	60	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	5	5.4	4.2	< 40 U	< 1 U	< 800 U	17	< 1 U	20	22
Chloroform	7	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
cis-1,2-Dichloroethene	5	< 1 U	3.1	39000	< 1 U	49000	21	< 1 U	64	< 1 U
Ethylbenzene	5	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	5	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	5	< 1 U	< 1 U	< 40 U	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	5	< 1 U	< 1 U	130	< 1 U	< 800 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	5	< 1 U	< 1 U	13000	< 1 U	89000	< 1 U	< 1 U	1.2	< 1 U
Vinyl chloride	2	< 1 U	19	3500	< 1 U	2500	34	< 1 U	14	1.1
Xylenes, Total	5	< 2 U	< 2 U	< 2 U	< 2 U	< 1600 U	< 2 U	< 2 U	< 2 U	< 2 U

Table 5

Summary of Analytical Data
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID	Groundwater RAO/ NYCRR Objectives	MW-13D 04/06/11 480-3471-5	MW-13S 04/06/11 480-3471-6	MW-14D 04/05/11 480-3471-7	MW-14S 04/05/11 480-3471-8	MW-15D 04/05/11 480-3471-9	MW-15S 04/07/11 480-3471-10	MW-16D 04/07/11 480-3471-11	MW-16S 04/07/11 480-3471-12
Volatile Organic Compounds by Method 8260 (µg/L)									
1,1,1-Trichloroethane	5	< 1 U	1.6	< 1 U	< 1 U	< 8 U	< 1 U	1.2	5600
1,1,2,2-Tetrachloroethane	5	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	< 1 U	2.1	7.7
1,1,2-Trichloroethane	1	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	< 1 U	0.89 J	27
1,1-Dichloroethane	5	< 1 U	< 800 U	< 1 U	1.9	13	850	27	< 4000 U
1,1-Dichloroethene	5	< 1 U	< 800 U	< 1 U	< 1 U	< 8 U	19	< 1 U	< 4000 U
1,2-Dichloroethane	0.6	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	1.3	2.0	8.5
2-Hexanone	50	< 5 U	< 5 U	< 5 U	< 5 U	< 40 U	12	< 5 U	< 5 U
2-Butanone (MEK)	50	< 10 U	< 10 U	< 10 U	< 10 U	< 80 U	310	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	NL	< 5 U	< 5 U	< 5 U	< 5 U	< 40 U	27	< 5 U	< 5 U
Acetone	50	< 10 U	< 10 U	< 10 U	< 10 U	< 80 U	1700	< 10 U	< 10 U
Benzene	1	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	2.7	< 1 U	1.2
Carbon disulfide	60	< 1 U	2.7	< 1 U	< 1 U	< 8 U	< 1 U	1.1	11
Chloroethane	5	< 1 U	4.7	< 1 U	< 1 U	400	330	59	< 4000 U
Chloroform	7	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	< 1 U	< 1 U	8.2
cis-1,2-Dichloroethene	5	23	23000	5.6	1.1	38	1300	59	74000
Ethylbenzene	5	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	6.4	< 1 U	2.6
Methylene Chloride	5	< 1 U	0.77 J	< 1 U	< 1 U	< 8 U	2.9	1.6	1.0
Tetrachloroethene	5	< 1 U	< 1 U	< 1 U	< 1 U	< 8 U	0.73 J	< 1 U	49
Toluene	5	< 1 U	6.0	< 1 U	< 1 U	< 8 U	140	< 1 U	< 4000 U
trans-1,2-Dichloroethene	5	< 1 U	< 800 U	< 1 U	< 1 U	< 8 U	5.5	3.8	< 4000 U
Trichloroethene	5	22	40000	0.97 J	< 1 U	< 8 U	200	22	250000
Vinyl chloride	2	< 1 U	< 800 U	2.6	< 1 U	26	450	33	7100
Xylenes, Total	5	< 2 U	< 2 U	< 2 U	< 2 U	< 16 U	34	< 2 U	9.2

Notes:

Bold font indicates the analyte was detected.

Bold font and bold outline indicates the screening criteria was exceeded.

J - Analyte detected at a level less than the reporting limit and greater than or equal to the method detection limit. Concentrations within this range are estimated.

U - Dilution required due to high concentration of target analyte(s).

U - Not detected at or above reporting limit.

Table 6

Vapor Monitoring Results - April 2011
 Former Scott Aviation Facility
 NYSDEC Site Code No. 9-15-149
 Lancaster, New York

Sample ID: Sample Date:	LRP Effluent 4/4/2011	AS Effluent 4/4/2011
VOCs by Method TO-14A ($\mu\text{g}/\text{m}^3$)		
Vinyl Chloride	920	3.3
Carbon disulfide	250 U	2.4
Trichlorofluoromethane	180 U	1.3
1,1-Dichloroethene	140	0.79 U
1,1-Dichloroethane	650	9.2
Xylene	140 U	1.4
1,3-Dichlorobenzene	190 U	2.8
1,1,1-Trichloroethane	380	1.1 U
Chloroethane	160 U	33
Dichlorodifluoromethane	390 U	2.5
trans-1,2-Dichloroethene	130 U	0.97
Chloromethane	160 U	1.1
Toluene	120 U	4.5
cis-1,2-Dichloroethene	20,000	7.1
Trichloroethene	29,000	2.4
Total Detected VOCs ($\mu\text{g}/\text{m}^3$)	51,090	72
Vacuum (inches Hg)*	22	0.44
Air Flow Rate (acfm)*	44	290
VOC discharge loading (lb/hr)	0.0085	0.0001
Total VOC discharge loading (lb/hr)	0.009	

Notes:

* The LRP flow rate used for the calculation was recorded during the sampling activity (44 scfm, 22 in. Hg) on April 4, 2011.

* The air stripper vacuum measured on April 4, 2011 was 6 inches H₂O and the flow rate was 285 scfm.

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. scfm = standard cubic feet per minute
4. lb/hr = pounds per hour
5. LRP Effluent represents the untreated vapor discharge for the Liquid Ring Pump.
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.

Qualifiers:

U - Not detected at or above reporting limit (reporting limit not included in the Total Detected VOCs).

Table 7

Volatile Organic Compound Removed - Aqueous Phase
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Sample ID Sample Date	Influent 7/7/2010	Influent 10/11/2010	Influent 1/13/2011	Influent 4/4/2011
<u>VOCs (Method 8260) (µg/L)</u>				
Acetone	250 U	3.3	26	14
Chloroethane	54	1.6	10.0	1.9
1,1-Dichloroethane	60	2.6	4.1	2.3
1,1-Dichloroethene	14 J	5.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	2200 D	99	110.0	87
trans-1,2-Dichloroethene	50 U	5.0 U	1.4	1.0 U
Toluene	13 J	5.0 U	1.1	1.0 U
1,1,1-Trichloroethane	15 J	5.0 U	1.0 U	1.0 U
Trichloroethene	34 J	27	91	60
Vinyl Chloride	620	1.6	8.4	1.0 U
Carbon disulfide	50 U	5.0 U	0.82 J	1.0 U
Methylene Chloride	50 U	5.0 U	0.69 J	1.0 U
2-Butanone (MEK)	250 U	25 U	4.6 J	10 U
Total VOCs (µg/L)	3010.0	135.1	258.1	166.2
Air Stripper Totalizer Readings (gallons)	16,064,370 (4/7/10) 16,176,010 (7/7/10)	1 (7/7/10) 116,380 (10/11/10)	116,380 (10/11/10) 253,005 (1/13/11)	253,005 (1/13/11) 443,380 (4/4/11)
Gallons Processed	111,640	116,379	136,625	190,375
VOCs Removed (pounds)	2.8	0.1	0.3	0.3
Total VOCs Removed (pounds)	3.5			

Notes:

1. µg/L = micrograms per liter.
2. Influent - Represents the combined dual phase extraction and groundwater collection trench influent to the air stripper.
3. Dates are indicated next to the air stripper totalizer readings.
4. Undetected compounds (U) not included in Total VOCs.
5. A new totalizer was installed on 7/7/10.

Qualifiers:

- J - Indicates compounds detected as estimated.
U - Indicates compounds not detected above the quantitation limit.
D - Indicates compounds detected at secondary dilution factor.

Table 8

**Volatile Organic Compound Mass Removed - Vapor Phase
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Sample ID: Sample Date:	LRP Effluent 7/7/2010	LRP Effluent 10/11/2010	LRP Effluent 1/12/2011	LRP Effluent 4/4/2011	Average LRP Effluent
<u>VOCs by Method TO-15 (µg/m3)</u>					
Vinyl Chloride	850	270	830	920	718
1,1-Dichloroethane	140	230	530	650	388
1,1-Dichloroethene	55 U	50 U	160 U	140	140
1,1,1-Trichloroethane	76 U	250	520	380	383
Toluene	530	70	150 U	120 U	300
cis-1,2-Dichloroethene	6,000	7,000	18,000	20,000	12,750
Trichloroethene	870	5,700	24,000	29,000	14,893
Tetrachloroethane	280	85 U	280 U	170 U	280
Total Detected VOCs (µg/m3)	8,670.0	13,520.0	43,880.0	51,090.0	29,290.0
Air Flow Rate (acfm)*	23.66	22.37	20.70	44.45	28
VOC discharge loading (lb/hr)	0.0008	0.0011	0.0037	0.0085	0.0035
LRP Runtime from O&M logs (hours) ⁶					3,041
Total VOC discharge loading (lb/hr)	0.001	0.001	0.004	0.009	0.004
Total VOCs removed (lb)					11.6

Notes:

1. µg/m³ = micrograms per cubic meter.
2. Undetected compounds (U) not included in Total Average VOCs.
3. acfm = actual cubic feet per minute.
4. lb/hr = pounds per hour
5. LRP runtime calculated using the difference in hour meter readings for the reporting period April 7, 2010 (28,690 hours) and April 4, 2011 (31,732 hours).

Qualifiers:

U - Indicates compounds not detected above the quantitation limit.

Table 9

**Combined DPE Remediation System Operation and Maintenance Schedule
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York**

Frequency	Operation and Maintenance Activity
Weekly	Record System Operational Parameters Inspect All Piping, Mechanical, and Electrical Components Check/Fill LRP Seal Fluid
Monthly	Change Bag Filters/Clean Housings and change KO Tank Filter as needed
Quarterly	Clean System Components (KO Tank, OWS, Hold Tank, Air Stripper)
Annually	Replace LRP Seal Fluid Replace LRP Separator Element Grease LRP bearings

Notes:

KO: Knockout

LRP: Liquid Ring Pump

OWS: Oil/Water Separator

Table 10

Groundwater Monitoring Schedule - July 2011 through April 2012
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Event Date	Number of Wells/Piezometers Sampled	Wells/Piezometers Sampled			
Quarterly Groundwater Monitoring					
July 2011	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S
October 2011	8	MW-2 MW-10	MW-3 MW-11	MW-4 MW-12	MW-6 MW-16S
January 2012	8	MW-2 MW-10	MW-3 MW-11	MW-6 MW-12	MW-8R MW-13S
Comprehensive Annual Groundwater Monitoring					
April 2012	17	MW-2 MW-8R MW-12 MW-14D MW-16D	MW-3 MW-9 MW-13S MW-15S	MW-4 MW-10 MW-13D MW-15D	MW-6 MW-11 MW-14S MW-16S

Notes:

MW-## - Monitoring Well

MW-##S - Shallow piezometer

MW-##D - Deep piezometer

Table 11
Monitoring and Compliance Sampling Summary
Former Scott Aviation Facility
NYSDEC Site Code No. 9-15-149
Lancaster, New York

Location/Type	Matrix	Analytical Parameter					Comments
		VOCs (8260B)	Total Extractable Hydrocarbons (TEHs)	TSS	pH	VOCs (TO-15)	
Quarterly BSA Sampling - 5 Events							
GWTB Influent	aqueous	1	1	1	1	0	four grabs over process day
GWTB Effluent	aqueous	1	1	1	1	0	four grabs over process day
Trip Blank	aqueous	1	0	0	0	0	Trip Blank for BSA and Compliance Sampling, Quality Assurance/Quality Control
Per Event		3	2	2	2	0	
Sub-Total		15	10	10	10	0	
Remedial Action Compliance Sampling							
Quarterly - 3 Events							
Primary Samples	aqueous	8	0	0	0	0	*Wells: MW-2, MW-3, MW-4, MW-6, MW-8R, MW-10, MW-11, MW-12, MW-13S, MW-16S
Duplicate	aqueous	1	0	0	0	0	Quality Assurance/Quality Control
Trip Blank	aqueous	1	0	0	0	0	Quality Assurance/Quality Control
Rinsate Blank	aqueous	1	0	0	0	0	Quality Assurance/Quality Control
Air Stripper Effluent	air	0	0	0	0	1	Air Discharge Limit Compliance
LRP Effluent	air	0	0	0	0	1	Air Discharge Limit Compliance
Per Event		11	0	0	0	2	
Subtotal		44	0	0	0	8	
Annual Event - 1 Event							
Primary Samples	aqueous	17	0	0	0	0	Wells: MW-2, MW-3, MW-4, MW-6, MW-8R, MW-9, MW-10, MW-11, MW-12, MW-13 S/D, MW-14 S/D, MW-15 S/D, MW-16 S/D
Trip Blank	aqueous	1	0	0	0	0	Quality Assurance/Quality Control
Duplicate	aqueous	1	0	0	0	0	Quality Assurance/Quality Control
Rinsate Blank	aqueous	1	0	0	0	0	Quality Assurance/Quality Control
Air Stripper Effluent	air	0	0	0	0	1	Air Discharge Limit Compliance
LRP Effluent	air	0	0	0	0	1	Air Discharge Limit Compliance
Subtotal		20	0	0	0	2	
Total		79	10	10	10	10	

Methods:

VOCs by USEPA SW-846 Method 8260B (aqueous)

Total extractable hydrocarbons by 40 CFR 136 Method 160.2

Total suspended solids by 40 CFR 136 Method 1664

pH by 40 CFR 136 Method 150.1

VOCs by USEPA Method TO-15 (air)

* alternate MW-4/MW-16S and MW-8R/MW-13S every quarter

APPENDICES

APPENDIX A

FORMER SCOTT AVIATION PLANT 2 O&M CHECKLIST

AECOM Technical Services, Inc.

SCOTT AVIATION PLANT 2 O&M CHECKLIST

Date: _____ **Weather:** _____
Time: _____ **Field Technician Name:** _____

DPE Process Room

DPE Wells (indicate vacuum reading if well is in operation)

DPE-1	_____ "Hg	DPE-5	_____ "Hg
DPE-2	_____ "Hg	DPE-6	_____ OFF
DPE-3	_____ "Hg	DPE-7	_____ "Hg
DPE-4	_____ "Hg	DPE-8	_____ "Hg

Comments: _____

LRP Tank Exhaust Temperature -	_____ °F	KO Pump Pressure -	_____ PSI
LRP Filter Pressure -	_____ PSI	Hold Tank Pump Pressure -	_____ PSI
LRP Oil Level -	_____	Bag Filter #1 Inlet Pressure -	_____ Gauge Broken
LRP Inlet Vacuum -	_____ "Hg	Bag Filter #1 Outlet Pressure -	_____ Gauge Broken
LRP Exhaust Temperature -	_____ °F	Bag Filter #2 Inlet Pressure -	_____ Gauge Broken
LRP Flow Rate -	_____ x1000 FPM	Bag Filter #2 Outlet Pressure -	_____ Gauge Broken
KO Tank Vacuum -	_____ "Hg		

Comments: _____

DPE Control Room

LRP Hour Meter -	_____ HRS
KO Tank Hour Meter -	_____ HRS
Hold Tank Hour Meter -	_____ HRS

Comments: _____

Groundwater Treatment Building

GW Trench Totalizer	_____ GAL	Air Stripper Vacuum -	_____ "H ₂ O
Air Stripper Influent Flowrate -	_____ GPM	Air Stripper Flow -	_____ "H ₂ O
Air Stripper Influent Totalizer -	_____ GAL	AS Discharge Pump Pressure -	_____ PSI
Air Stripper Effluent Temperature -	_____ °F	AS Flow Gauge -	_____ SCFM
DPE Exhaust Temp (Pre Heat Exchanger) -	_____ OFF LINE		
DPE Exhaust Temp (Post Heat Exchanger) -	_____ OFF LINE		

Comments: _____

APPENDIX B
APRIL 2011 FIELD FORMS

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/4/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-2
 _____ Upgradient _____ Downgradient
 Weather Conditions clouds & occasional rain
 Air Temperature 50 ° F
 Total Depth (TWD) Below Top of Casing = _____ 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 5.55 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 690.35 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 7-17 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	150	150	60	75	75	75	75	75
Time (Military)	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10
Depth to Groundwater Below Top of Casing (ft)	6.43	7.3	7.75	7.95	8.1	8.18	8.28	8.4
Drawdown (ft)	-0.88	-0.87	-0.45	-0.2	-0.15	-0.08	-0.1	-0.12
pH (S.U.)	6.12	5.53	5.94	6.06	6.22	6.42	6.61	6.7
Sp. Cond. (mS/cm)	0.937	0.924	0.885	0.832	0.767	0.711	0.676	0.654
Turbidity (NTUs)	15.71	13.02	15.34	74	71	73.4	62	49.5
Dissolved Oxygen (mg/L)	5.52	1.45	4.48	1.22	1	0.83	0.75	0.71
Water Temperature (°C)	10.38	10.16	10.52	10.5	10.47	10.62	10.83	10.9
ORP (mV)	-23.7	4.3	-17.9	-19.5	-13.2	-11.3	-14.4	-8.7

Physical appearance at start Color clear
 Odor no
 Sheen/Free Product no

Physical appearance at sampling Color clear
 Odor no
 Sheen/Free Product _____

COMMENTS/OBSERVATIONS Start purging @ 10:32. Set tubing at center of well screen. Sample time @ 11:15. Small amount of iron bacteria at start of pumping.

Date (mo/day/yr) 4/4/2011

Field Personnel E. Laity

Site Name Former Scott Aviation Site - Lancaster, NY

Job # 60197162

Well ID # MW-2

 Upgradient Downgradient

Weather Conditions clouds & occasional rain

Air Temperature 50 °F

Total Depth (TWD) Below Top of Casing = 1/100 ft

Depth to Groundwater (DGW) Below Top of Casing = 5.55 1/100 ft

Length of Water Column (LWC) = TWD - DGW = 1/100 ft

1 Casing Volume (OCV) = LWC x 0.163 = gal

3 Casing Volumes = gal

Method of Well Evacuation Peristaltic Pump

Method of Sample Collection Peristaltic Pump/Poly Tubing

Total Volume of Water Removed 4 liter

Casing Diameter 2 inches

Casing Material PVC

Measuring Point Elevation 690.35 1/100 ft

Height of Riser (above land surface) 1/100 ft

Land Surface Elevation 1/100 ft

Screened Interval (below land surface) 7-17 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	75						
Time (Military)	11:15						
Depth to Groundwater Below Top of Casing (ft)	8.52						
Drawdown (ft)	0.12						
pH (S.U.)	6.74						
Sp. Cond. (mS/cm)	0.642						
Turbidity (NTUs)	47.4						
Dissolved Oxygen (mg/L)	0.67						
Water Temperature (°C)	10.96						
ORP (mV)	-7.3						

Physical appearance at start Color clear

Odor no

Sheen/Free Product no

Physical appearance at sampling Color clear

Odor no

Sheen/Free Product

COMMENTS/OBSERVATIONS Start purging @ 10:32. Set tubing at center of well screen. Sample time @ 11:15

Date (mo/day/yr) <u>4/4/2011</u>	Casing Diameter <u>2</u> inches
Field Personnel <u>E. Laity</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>687.72</u> 1/100 ft
Job # <u>60197162</u>	Height of Riser (above land surface) _____ 1/100 ft
Well ID # <u>MW-3</u>	Land Surface Elevation _____ 1/100 ft
<u> </u> Upgradient <u> </u> Downgradient	Screened Interval (below land surface) <u>7.5 - 27.5</u> 1/100 ft
Weather Conditions <u>rain</u>	
Air Temperature <u>50</u> ° F	
Total Depth (TWD) Below Top of Casing = <u>28</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>10.71</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.163</u> = _____ gal	
3 Casing Volumes = _____ gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>5.0</u> liter	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	180	180	75	75	75	75	75	
Time (Military)	11:55	12:00	12:05	12:10	12:15	12:20	12:25	
Depth to Groundwater Below Top of Casing (ft)	0.84	1.07	0.33	0.11	0.09	0.08	0.07	
Drawdown (ft)	9.87	-0.23	0.74	0.22	0.02	0.01	0.01	
pH (S.U.)	6.97	6.83	6.87	6.89	6.9	6.91	6.9	
Sp. Cond. (mS/cm)	1.176	1.179	1.181	1.183	1.182	1.183	1.183	
Turbidity (NTUs)	17	9.18	7.3	7.03	5.4	4.7	4.54	
Dissolved Oxygen (mg/L)	3.38	1.77	1.48	1.28	1.11	0.95	0.87	
Water Temperature (°C)	9.8	9.83	10.37	10.6	10.86	11.05	11.04	
ORP (mV)	39.7	49.7	46.8	49.9	51.5	46.7	34.3	

Physical appearance at start	Color <u>clear</u>	Physical appearance at sampling	Color <u>clear</u>
	Odor <u>no</u>		Odor <u>no</u>
Sheen/Free Product <u>no</u>		Sheen/Free Product _____	

COMMENTS/OBSERVATIONS Start purging at 11.48. Set tubing at center of well screen. Sample time @ 12:25

Date (mo/day/yr) 4/6/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-4
 _____ Upgradient _____ Downgradient
 Weather Conditions wet snow
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 26 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 17.6 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 686.64 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 15.5 - 25.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	DUP

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100		
Time (Military)	11:35	11:40	11:45	11:50	11:55		
Depth to Groundwater Below Top of Casing (ft)	18	18.2	18.4	18.55	18.65		
Drawdown (ft)	-0.4	-0.2	-0.2	-0.15	-0.1		
pH (S.U.)	6.67	6.64	6.63	6.6	6.6		
Sp. Cond. (mS/cm)	2.635	2.653	2.648	2.669	2.677		
Turbidity (NTUs)	60	20.6	16.3	12.5	11.7		
Dissolved Oxygen (mg/L)	6.49	4.34	4.11	3.61	3.72		
Water Temperature (°C)	7.8	7.98	8.24	8.12	8.07		
ORP (mV)	63.2	62.4	62.6	34.3	33.7		

Physical appearance at start Color slightly cloudy Physical appearance at sampling Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 11:30. Set tubing at center of well screen. Sample time @ 12:00. Duplicate collected at this well. Duplicate time listed as 12:50.

Date (mo/day/yr) 04/06/11
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-8R
 _____ Upgradient _____ Downgradient
 Weather Conditions rain/drizzle
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 14.2 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 5 liter

Casing Diameter 4 inches
 Casing Material PVC
 Measuring Point Elevation 685.67 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 14 - 24 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	120	120	120	120	120	100	100	100
Time (Military)	14:00	14:05	14:10	14:15	14:20	14:25	14:30	14:35
Depth to Groundwater Below Top of Casing (ft)	14.5	14.67	14.81	14.95	15.11	15.21	15.26	15.31
Drawdown (ft)	-0.3	-0.17	-0.14	-0.14	-0.16	-0.1	-0.05	-0.05
pH (S.U.)	6.8	6.75	6.74	6.73	6.73	6.73	6.72	6.72
Sp. Cond. (S/cm)	2.836	2.867	2.872	2.861	2.867	2.851	2.862	2.86
Turbidity (NTUs)	24.1	23.3	19	10.8	9.77	9.8	8.21	8.05
Dissolved Oxygen (g/L)	11.86	1.97	1.18	0.92	0.76	0.73	0.66	0.62
Water Temperature (°C)	9.07	8.95	9	8.89	8.64	8.34	7.97	7.28
ORP (mV)	-63.3	-92.2	-103.5	-95.1	-98.2	-86.2	-85.7	-79.5

Physical appearance at start Color clear
 Odor no

Physical appearance at sampling Color clear
 Odor no

Sheen/Free Product no

Sheen/Free Product _____

COMMENTS/OBSERVATIONS Start purging @ 13:50. Set tubing at center of well screen. Sample time @ 14:40
Sample time @ 15:40

<p>Date (mo/day/yr) <u>04/04/11</u></p> <p>Field Personnel <u>E. Laity</u></p> <p>Site Name <u>Former Scott Aviation Site - Lancaster, NY</u></p> <p>Job # <u>60197162</u></p> <p>Well ID # <u>MW-9</u></p> <p style="padding-left: 20px;"> <input type="checkbox"/> Upgradient <input type="checkbox"/> Downgradient </p> <p>Weather Conditions <u>cloudy, windy</u></p> <p>Air Temperature <u>55</u></p> <p>Total Depth (TWD) Below Top of Casing = _____ 1/100 ft</p> <p>Depth to Groundwater (DGW) Below Top of Casing = <u>14.6</u> 1/100 ft</p> <p>Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft</p> <p>1 Casing Volume (OCV) = LWC x <u>0.163</u> = _____ gal</p> <p>3 Casing Volumes = _____ gal</p> <p>Method of Well Evacuation <u>Peristaltic Pump</u></p> <p>Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u></p> <p>Total Volume of Water Removed <u>4</u> liter</p>	<p>Casing Diameter <u>2</u> inches</p> <p>Casing Material <u>PVC</u></p> <p>Measuring Point Elevation <u>687.72</u> 1/100 ft</p> <p>Height of Riser (above land surface) _____ 1/100 ft</p> <p>Land Surface Elevation _____ 1/100 ft</p> <p>Screened Interval (below land surface) <u>3.5 - 23.5</u> 1/100 ft</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 25%;">Container</th> <th style="width: 30%;">Analysis (Method)</th> <th style="width: 10%;"># Bottles</th> <th style="width: 15%;">Preservative</th> <th style="width: 20%;">Dup - MS/MSD</th> </tr> </thead> <tbody> <tr> <td>VOA 40 mL glass</td> <td>TCL VOCs (8260B)</td> <td>3</td> <td>HCL, 4°C</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD	VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C																																				
Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD																																										
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C																																											

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	90			
Time (Military)	8:24	9:36	10:48	12:00	13:12			
Depth to Groundwater Below Top of Casing (ft)	14.95	15.2	15.37	15.7	16.1			
Drawdown (ft)	-0.35	-0.25	-0.17	-0.33	-0.4			
pH (S.U.)	7.14	7	7.03	7.03	7.04			
Sp. Cond. (mS/cm)	1.212	1.183	1.184	1.184	1.18			
Turbidity (NTUs)	5.97	4.55	4.44	3.5	3.36			
Dissolved Oxygen (mg/L)	3.82	1.95	2.05	2.53	2.45			
Water Temperature (°C)	12.78	12.43	12.21	12.06	12.09			
ORP (mV)	100.2	110.5	104.2	96	80.4			

Physical appearance at start	Color <u>clear</u>	Physical appearance at sampling	Color <u>clear</u>
	Odor <u>no</u>		Odor <u>no</u>
Sheen/Free Product <u>no</u>		Sheen/Free Product <u>no</u>	

COMMENTS/OBSERVATIONS Start purging @ 15:50. Set tubing at center of well screen. Sample time @ 15:55

Date (mo/day/yr) 04/04/11
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-10
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy
 Air Temperature 55 ° F
 Total Depth (TWD) Below Top of Casing = 24 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 9.8 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 5 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 687.72 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 3.5 - 23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	125	126	127	128	129	130		
Time (Military)	14:45	14:50	14:55	15:00	15:05	15:10		
Depth to Groundwater Below Top of Casing (ft)	10.15	10.4	10.6	10.75	10.9	11.05		
Drawdown (ft)	-0.35	-0.25	-0.2	-0.15	-0.15	-0.15		
pH (S.U.)	6.83	6.74	6.72	6.75	6.72	6.65		
Sp. Cond. (mS/cm)	2.074	2.06	2.064	2.081	2.085	2.087		
Turbidity (NTUs)	27.9	17.3	30	38.4	34.9	32		
Dissolved Oxygen (mg/L)	8.21	0.87	0.75	0.64	0.49	0.47		
Water Temperature (°C)	11.49	10.91	10.89	10.68	10.73	10.69		
ORP (mV)	44.5	41.2	42.8	45.8	49.2	55.2		

Physical appearance at start Color clear
 Odor no
 Sheen/Free Product no
 Physical appearance at sampling Color clear
 Odor no
 Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 14:40. Set tubing at center of well screen. Sample time @ 15:10

Date (mo/day/yr) 04/05/11
 Field Personnel Dino Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-11
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy
 Air Temperature 35
 Total Depth (TWD) Below Top of Casing = 28.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 13.9 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 6 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 688.61 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	175	176	177	178	179	180		
Time (Military)	9:25	9:30	9:35	9:40	9:45	9:50		
Depth to Groundwater Below Top of Casing (ft)	14.01	14.12	14.22	14.3	14.35	14.37		
Drawdown (ft)	-0.11	-0.11	-0.1	-0.08	-0.05	-0.02		
pH (S.U.)	6.44	6.37	3.36	6.37	6.38	6.4		
Sp. Cond. (mS/cm)	3.514	3.557	3.572	3.568	3.569	3.565		
Turbidity (NTUs)	1.5	1.2	1.05	0.94	0.88	0.8		
Dissolved Oxygen (mg/L)	5.08	1.75	1.4	1.15	0.8	0.73		
Water Temperature (°C)	9.29	9.56	9.56	9.5	9.46	9.51		
ORP (mV)	49	35.3	31.6	29.1	29	27.2		

Physical appearance at start Color clear Physical appearance at sampling Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging at 9:20. Set tubing at center of well screen. Sample time @ 9:55.

Date (mo/day/yr) 04/04/11
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60147012
 Well ID # MW-12
 _____ Upgradient _____ Downgradient
 Weather Conditions rain & clouds, windy
 Air Temperature 55 ° F
 Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 5.72 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Teflon Tubing
 Total Volume of Water Removed 6 liter

Casing Diameter 4 inches
 Casing Material PVC
 Measuring Point Elevation 685.79 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 7 - 27 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

VOLUME PURGED (ml)	150	150	100	100	100	100		
TIME (Military)	13:00	13:05	13:10	13:15	13:20	13:25		
Depth to Groundwater Below Top of Casing (ft)	6.34	6.95	7.11	7.2	7.2	7.2		
Drawdown (ft)	-0.62	-0.61	-0.16	-0.09	0	0		
pH (S.U.)	6.78	6.66	6.69	6.72	6.67	6.66		
Sp. Cond. (mS/cm)	1.594	1.598	1.599	1.598	1.603	1.601		
Turbidity (NTUs)	16.94	5.17	6.3	5.77	6.2	6.11		
Dissolved Oxygen (mg/L)	6.12	1.01	0.72	0.65	0.54	0.63		
Water Temperature (°C)	9.87	10.12	10.48	10.94	11.21	11.63		
ORP (mV)	-91	-88.9	-68.3	-58.9	-74.3	-77.8		

Physical appearance at start Color clear w. some iron bacteria flecks Physical appearance at sampling Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging at 12:55. Set tubing at center of well screen. Sample time @ 13:25.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/6/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-13S
 _____ Upgradient _____ Downgradient
 Weather Conditions rain/flurry mix
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 16.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 8 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 8 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 8.5-16.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	180	180	180	100	100	100		
Time (Military)	10:35	10:40	10:45	10:50	10:55	11:00		
Depth to Groundwater Below Top of Casing (ft)	8.95	9.25	9.65	9.85	10.05	10.2		
Drawdown (ft)	-0.95	-0.3	-0.4	-0.2	-0.2	-0.15		
pH (S.U.)	6.45	6.58	6.59	6.6	6.59	6.59		
Sp. Cond. (mS/cm)	2.629	2.63	2.824	2.958	2.981	2.992		
Turbidity (NTUs)	23	17.6	8.56	6.28	4.61	4.01		
Dissolved Oxygen (mg/L)	2.43	1.73	1.26	1.08	0.95	0.86		
Water Temperature (°C)	6.64	6.84	7.22	6.74	6.79	6.8		
ORP (mV)	-27.3	-39	-70.9	-73.8	-68.2	-69.3		

Physical appearance at start Color clear Physical appearance at sampling Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 10:30. Set tubing at center of well screen. Sample time @ 11:05.

Date (mo/day/yr) 4/6/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-13D
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, slight breeze
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 23.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 13.25 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 19.5-23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	-	80	100	75	75	75	75	75
Time (Military)	9:30	9:35	9:40	9:45	9:50	9:55	10:00	10:05
Depth to Groundwater Below Top of Casing (ft)	15.15	15.35	15.95	16.07	16.08	16.4	16.83	16.95
Drawdown (ft)	-1.9	-0.2	-0.6	-0.12	-0.01	-0.32	-0.43	-0.12
pH (S.U.)	7.26	7.07	6.97	7.07	7.1	7.01	7	7.04
Sp. Cond. (mS/cm)	0.983	0.995	0.999	1.01	1.04	1.057	1.055	1.055
Turbidity (NTUs)	10.55	9.3	5.4	5	4.45	3.86	4.87	3.65
Dissolved Oxygen (mg/L)	6	3.6	3.03	2.57	2.21	1.81	1.65	1.41
Water Temperature (°C)	8.92	8.15	8.46	8.1	7.76	7.52	7.32	7.22
ORP (mV)	191.2	108.7	-53.6	-85.8	-90.4	-93.4	-90.9	-92.2

Physical appearance at start Color clear Physical appearance at sampling Color clear
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 9:25. Set tubing at center of well screen. Sample time @ 10:10.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/5/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-14S
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, windy
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = _____ 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 6.34 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 5 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 685.84 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 8.5-16.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	70	70	100	100	100	100	100
Time (Military)	10:30	10:35	10:40	10:45	10:50	10:55	11:05
Depth to Groundwater Below Top of Casing (ft)	9	9	9.15	9.37	9.53	9.68	9.9
Drawdown (ft)	-2.66	0	-0.15	-0.22	-0.16	-0.15	-0.12
pH (S.U.)	7.58	7.56	7.51	7.48	7.38	7.28	7.23
Sp. Cond. (S/cm)	0.611	0.556	0.56	0.551	0.549	0.551	0.558
Turbidity (NTUs)	450	340	140	118.6	99.2	74.1	41.5
Dissolved Oxygen (g/L)	5.67	5.54	2.63	1.91	2.13	1.92	1.52
Water Temperature (°C)	6.49	6.14	6.33	6.53	6.49	6.16	6.16
ORP (mV)	55.4	60	65.6	66.2	71.9	76.7	80.1

Physical appearance at start Color tan
 Odor no

Physical appearance at sampling Color slightly cloudy
 Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging at 10:23. Set tubing at center of well screen. Sample time @ 11:20.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/5/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-14S
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, windy
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = _____ 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 6.34 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 5 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 685.84 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 8.5-16.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	100					
Time (Military)	11:10	3:36					
Depth to Groundwater Below Top of Casing (ft)	10.03	10.11					
Drawdown (ft)	0.13	-0.08					
pH (S.U.)	7.27	7.27					
Sp. Cond. (S/cm)	0.562	0.565					
Turbidity (NTUs)	69	33					
Dissolved Oxygen (g/L)	1.33	1.37					
Water Temperature (°C)	6.21	6.31					
ORP (mV)	78.3	78.5					

Physical appearance at start Color tan Physical appearance at sampling Color slightly cloudy
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging at 10:23. Set tubing at center of well screen. Sample time @ 11:20.

Date (mo/day/yr) 4/5/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-14D
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, windy
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 23.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 16.2 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 685.84 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 18.5-23.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	90	90	90	90	90	90	90
Time (Military)	11:45	11:50	11:55	12:00	12:05	12:10	12:20
Depth to Groundwater Below Top of Casing (ft)	17.6	17.65	17.9	17.95	17.95	17.9	17.9
Drawdown (ft)	-1.4	-0.05	-0.25	-0.05	0	0.05	0
pH (S.U.)	9.06	7.78	7.5	7.4	7.34	7.29	7.26
Sp. Cond. (mS/cm)	0.697	0.845	0.912	0.93	0.958	0.971	0.975
Turbidity (NTUs)	379	324	278	191	166.8	130.1	105.5
Dissolved Oxygen (mg/L)	6.06	6.18	5.33	4.87	5.3	5.88	6.21
Water Temperature (°C)	6.79	6.72	7	7.35	7.07	6.99	6.91
ORP (mV)	80.4	87.4	16.7	5.3	0.5	-1	-0.7

Physical appearance at start Color tan
 Odor no

Physical appearance at sampling Color slightly cloudy
 Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 11:33. Set tubing at center of well screen. Sample time @ 12:30. ~1" air bubbles coming up tubing from well occasionally.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) <u>4/5/2011</u>	Casing Diameter <u>1</u> inches
Field Personnel <u>E. Laity</u>	Casing Material <u>PVC</u>
Site Name <u>Former Scott Aviation Site - Lancaster, NY</u>	Measuring Point Elevation <u>685.84</u> 1/100 ft
Job # <u>60197162</u>	Height of Riser (above land surface) _____ 1/100 ft
Well ID # <u>MW-14D</u>	Land Surface Elevation _____ 1/100 ft
_____ Upgradient _____ Downgradient	Screened Interval (below land surface) <u>18.5-23.5</u> 1/100 ft
Weather Conditions <u>cloudy, windy</u>	
Air Temperature <u>35</u> ° F	
Total Depth (TWD) Below Top of Casing = <u>23.5</u> 1/100 ft	
Depth to Groundwater (DGW) Below Top of Casing = <u>16.2</u> 1/100 ft	
Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft	
1 Casing Volume (OCV) = LWC x <u>0.163</u> = _____ gal	
3 Casing Volumes = _____ gal	
Method of Well Evacuation <u>Peristaltic Pump</u>	
Method of Sample Collection <u>Peristaltic Pump/Poly Tubing</u>	
Total Volume of Water Removed <u>4</u> liter	

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES	
Flow Rate (ml/min)	90
Time (Military)	12:25
Depth to Groundwater Below Top of Casing (ft)	17.9
Drawdown (ft)	0
pH (S.U.)	7.23
Sp. Cond. (mS/cm)	0.984
Turbidity (NTUs)	64.5
Dissolved Oxygen (mg/L)	6.18
Water Temperature (°C)	6.83
ORP (mV)	0.8

Physical appearance at start	Color <u>tan</u>	Physical appearance at sampling	Color <u>slightly cloudy</u>
	Odor <u>no</u>		Odor <u>no</u>
Sheen/Free Product <u>no</u>		Sheen/Free Product <u>no</u>	

COMMENTS/OBSERVATIONS Start purging @ 11:33. Set tubing at center of well screen. Sample time @ 12:30. ~1" air bubbles coming up tubing from well occasionally.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/5/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-15S
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, windy, few flurries
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 18 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 0.4 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 10 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 12-18 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	4°C	

FIELD ANALYSES

Flow Rate (ml/min)	190	190	190	190	190	150	150	150
Time (Military)	13:45	13:50	13:55	14:00	14:05	14:10	14:15	14:20
Depth to Groundwater Below Top of Casing (ft)	1.4	1.75	1.8	1.95	2.15	1.9	1.9	1.9
Drawdown (ft)	-1	-0.35	-0.05	-0.15	-0.2	0.25	0	0
pH (S.U.)	11.97	12.36	12.42	12.43	12.42	12.43	12.43	12.44
Sp. Cond. (mS/cm)	2.596	4.025	4.208	4.239	4.148	4.217	4.242	4.293
Turbidity (NTUs)	54.6	50	42.1	21	38.4	10.5	41.1	34.6
Dissolved Oxygen (mg/L)	2.36	1.14	1.02	0.82	0.56	0.63	0.53	0.55
Water Temperature (°C)	7.95	8.41	8.41	8.63	8.86	8.74	8.76	8.65
ORP (mV)	-173.2	-228.9	-242.3	-251.2	-237.2	-247.9	-258.8	-264.4

Physical appearance at start Color cloudy w/ black flecks Physical appearance at sampling Color clear w/ black flecks
 Odor no Odor no
 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS

Start purging @ 13:38. Set tubing at center of well screen. Sample collected on 4/5/2011 was discarded due to high pH and an unpreserved grab sample was collected at 8:45 on 4/7/2011.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/5/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-15D
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, windy
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 25 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 14.8 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 14 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 21-25 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	4°C	

FIELD ANALYSES

Flow Rate (ml/min)	210	210	210	210	210	210	210
Time (Military)	14:45	14:50	14:55	15:00	15:05	15:10	15:20
Depth to Groundwater Below Top of Casing (ft)	14.9	14.95	15	15	15	15	15.05
Drawdown (ft)	-0.1	-0.05	-0.05	0	0	0	-0.05
pH (S.U.)	8.8	7.69	7.58	7.54	7.54	7.56	7.58
Sp. Cond. (mS/cm)	0.698	0.785	0.895	1.238	1.447	1.63	1.743
Turbidity (NTUs)	21	8.9	3.9	2.76	1.9	1.79	1.63
Dissolved Oxygen (mg/L)	3.52	0.87	0.7	0.55	0.46	0.42	0.37
Water Temperature (°C)	9.07	9.91	10.06	10.15	10.31	10.8	10.35
ORP (mV)	-243	-154.8	-154	-159.7	-165.5	-177.5	-192.9

Physical appearance at start Color clear w/ black flecks Physical appearance at sampling Color clear

 Odor no _____

 Sheen/Free Product no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 14:40. Set tubing at center of well screen. Sample time @ 15:35. 1/2" bubbles up from well every 2ft during purging.

Date (mo/day/yr) 4/5/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-15D
 _____ Upgradient _____ Downgradient
 Weather Conditions cloudy, windy
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 25 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 14.8 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 14 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 21-25 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	4°C	

FIELD ANALYSES

Flow Rate (ml/min)	210	210					
Time (Military)	15:25	15:30					
Depth to Groundwater Below Top of Casing (ft)	15.08	15.1					
Drawdown (ft)	0.02	0.03					
pH (S.U.)	7.62	7.64					
Sp. Cond. (mS/cm)	1.884	1.935					
Turbidity (NTUs)	1.14	1.43					
Dissolved Oxygen (mg/L)	0.35	0.33					
Water Temperature (°C)	10.41	10.49					
ORP (mV)	-209.4	215.3					

Physical appearance at start Color clear w/ black flecks Physical appearance at sampling Color clear
 Odor no Sheen/Free Product no Odor no Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging @ 14:40. Set tubing at center of well screen. Sample time @ 15:35. 1/2" bubbles up from well every 2ft during purging.

Date (mo/day/yr) 4/7/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-16S
 _____ Upgradient _____ Downgradient
 Weather Conditions clear, sunny
 Air Temperature 35 ° F
 Total Depth (TWD) Below Top of Casing = 15.4' bgs 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 8.55' bgs 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 4 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 685.84 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 12 - 18 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	80	80	80	50	50	50		
Time (Military)	9:15	9:25	9:30	9:40	9:45	9:50		
Depth to Groundwater Below Top of Casing (ft)	10.5	11	Emptied flow thru cell - refilling - water from the well is slightly clearer: < 1000 NTU	11.75	11.8	11.8		
Drawdown (ft)	-1.95	-0.5		-0.75	-0.05	0		
pH (S.U.)	6.54	6.26		6.51	6.53	6.57		
Sp. Cond. (mS/cm)	2.368	2.374		2.512	2.528	2.573		
Turbidity (NTUs)	>1000	>1000		214	222	214		
Dissolved Oxygen (mg/L)	7.07	2.69		1.32	1.73	3.17		
Water Temperature (°C)	8.63	9.06		8.86	9.09	9.43		
ORP (mV)	-72.8	-31.8		-93.8	-69.4	-35.2		

Physical appearance at start Color orange very turbid
 Odor faint

Physical appearance at sampling Color pale orange to cloudy
 Odor faint

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Start purging at 9:10. Set tubing at ~11ft bgs. Sample time @ 9:55. Lowered tubing @ 9:35 Tubing occasionally sucking air during purge 2-4" air at a time. Possibly affecting DO readings. Turbidity reading collected after sampling = 96 NTU. Well PVC crushed over winter - PVC cut off at ground surface.

Date (mo/day/yr) 4/7/2011
 Field Personnel E. Laity
 Site Name Former Scott Aviation Site - Lancaster, NY
 Job # 60197162
 Well ID # MW-16D
 _____ Upgradient _____ Downgradient
 Weather Conditions sunny
 Air Temperature 40 ° F
 Total Depth (TWD) Below Top of Casing = 22.5' bgs 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 13.67' bgs 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = _____ gal
 3 Casing Volumes = _____ gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Poly Tubing
 Total Volume of Water Removed 10 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval (below land surface) 20-24 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	3	HCL, 4°C	

FIELD ANALYSES

Flow Rate (ml/min)	100	100	100	100	100	100	100
Time (Military)	10:20	10:25	10:30	10:35	10:40	10:45	10:55
Depth to Groundwater Below Top of Casing (ft)	16.15	16.35	16.48	16.58	16.6	16.7	16.71
Drawdown (ft)	-2.48	-0.2	-0.13	-0.1	-0.02	-0.1	0.03
pH (S.U.)	6.91	6.88	6.93	7	7.1	7.12	7.14
Sp. Cond. (S/cm)	3.457	3.665	3.678	3.673	3.617	3.611	3.619
Turbidity (NTUs)	280	161	152.8	150.4	120.1	110.2	122.8
Dissolved Oxygen (g/L)	3.5	1.34	1.1	0.88	0.58	0.49	0.4
Water Temperature (°C)	10.22	10.43	10.86	10.89	11.22	11.35	11.5
ORP (mV)	-74.8	-95.6	-105	-119.4	-146.5	-153	-160.5

Physical appearance at start Color pale tan Physical appearance at sampling Color cloudy, w/ little black flecks

 Odor faint _____

 Sheen/Free Product no Sheen/Free Product faint

COMMENTS/OBSERVATIONS Start purging @ 10:12. Set tubing at center of well screen. Sample time @ 11:00.

APPENDIX C

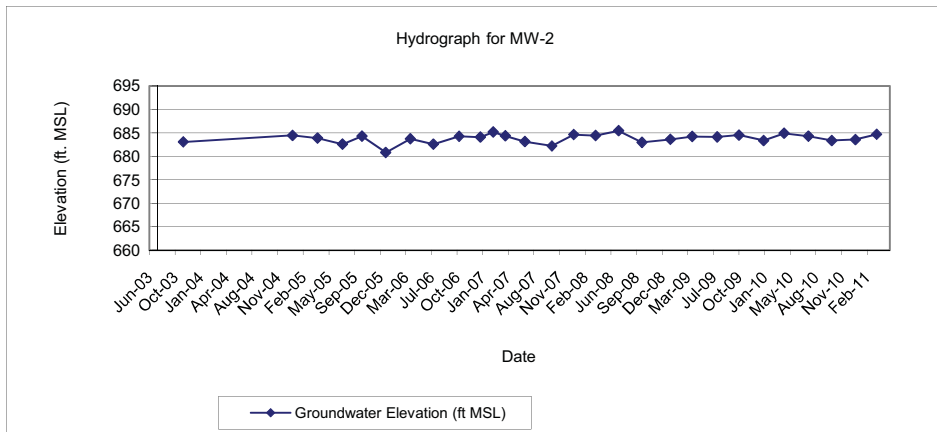
CURRENT AND HISTORICAL SUMMARY OF GROUNDWATER ELEVATIONS

**MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70
7/10/2006	7.79	682.56
10/18/2006	6.11	684.24
1/9/2007	6.27	684.08
2/28/2007	5.20	685.15
4/16/2007	5.99	684.36
7/2/2007	7.22	683.13
10/15/2007	8.15	682.20
1/8/2008	5.73	684.62
4/2/2008	5.95	684.40
7/1/2008	4.90	685.45
9/30/2008	7.40	682.95
1/19/2009	6.75	683.60
4/14/2009	6.15	684.20
7/21/2009	6.25	684.10
10/14/2009	5.85	684.50
1/18/2010	7.00	683.35
4/8/2010	5.45	684.90
7/12/2010	6.10	684.25
10/11/2010	7.00	683.35
1/11/2011	6.80	683.55
4/4/2011	5.70	684.65

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 690.35
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 690.35



**MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88
7/10/2006	12.31	675.41
10/18/2006	10.82	676.9
1/9/2007	10.99	676.73
2/28/2007	3.99	683.73
4/16/2007	11.87	675.85
7/2/2007	13.35	674.37
10/17/2007	13.1	674.62
1/8/2008	7.61	680.11
4/2/2008	11.71	676.01
7/1/2008	10.75	676.27
9/30/2008	11.95	675.07
1/19/2009	10.94	676.08
4/14/2009	10.94	676.08
7/21/2009	11.51	675.51
10/14/2009	10.75	676.27
1/18/2010	12.38	674.64
4/8/2010	11.02	676.00
7/12/2010	9.18	677.84
10/11/2010	10.9	676.12
1/12/2011	11.3	675.72
4/4/2011	10.7	676.32

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

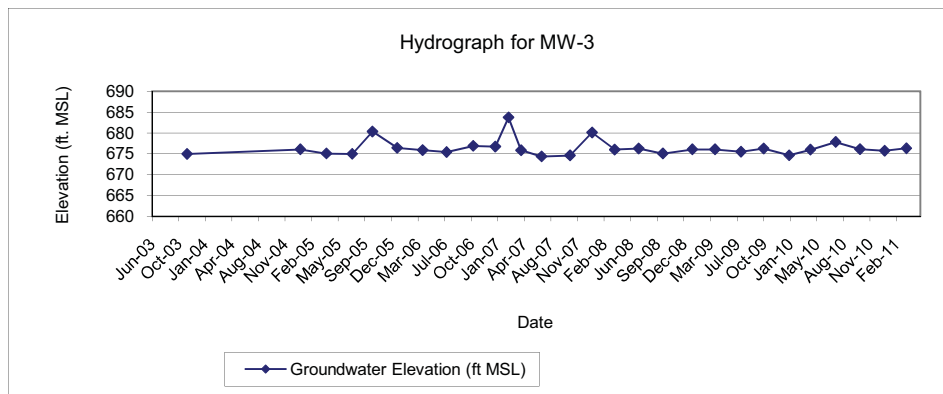
TOC - top of PVC casing

TOC Elevation - 687.72

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 687.02

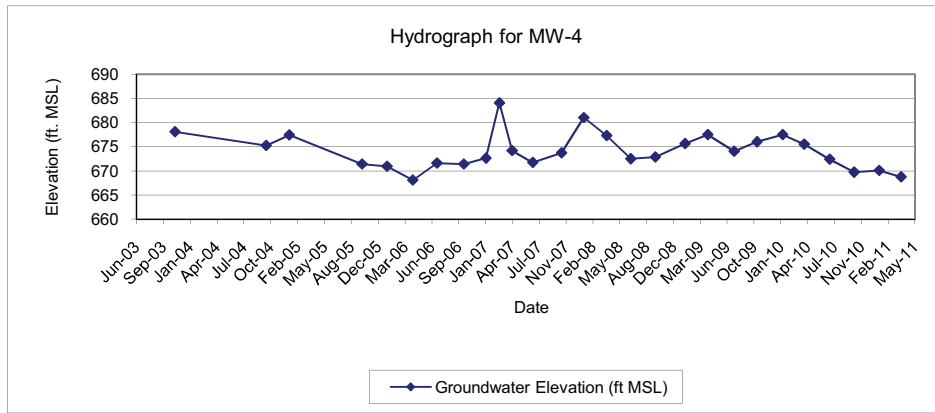


**MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08
7/10/2006	15.02	671.62
10/18/2006	15.21	671.43
1/9/2007	14.00	672.64
2/28/2007	2.54	684.10
4/16/2007	12.45	674.19
7/2/2007	14.89	671.75
10/17/2007	12.91	673.73
1/8/2008	5.59	681.05
4/2/2008	9.31	677.33
7/1/2008	13.91	672.51
9/30/2008	13.55	672.87
1/19/2009	10.78	675.64
4/14/2009	8.90	677.52
7/21/2009	12.35	674.07
10/14/2009	10.40	676.02
1/18/2010	8.90	677.52
4/8/2010	10.90	675.52
7/12/2010	14.00	672.42
10/11/2010	16.69	669.73
1/12/2011	16.35	670.07
4/4/2011	17.67	668.75

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 686.64
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 686.42

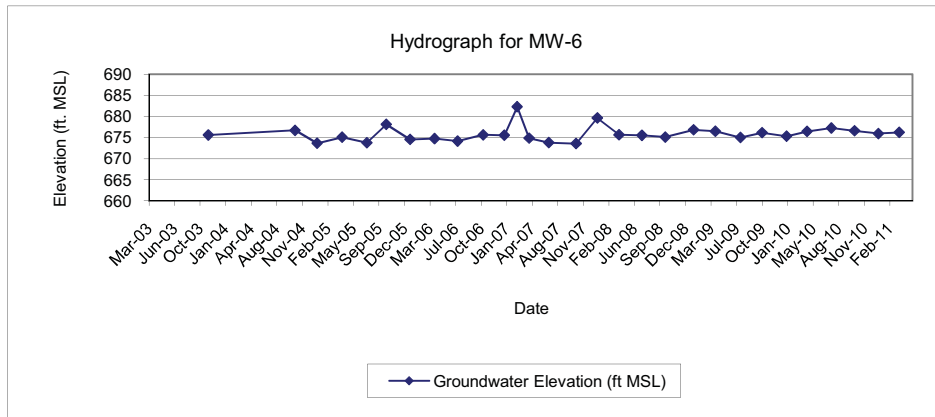


**MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	11.06	675.62
4/8/2004	NM	NA
10/12/2004	9.95	676.73
1/6/2005	13.00	673.68
4/14/2005	11.57	675.11
7/20/2005	12.88	673.80
10/4/2005	8.55	678.13
1/5/2006	12.11	674.57
4/11/2006	11.91	674.77
7/10/2006	12.5	674.18
10/18/2006	11.02	675.66
1/9/2007	11.1	675.58
2/28/2007	4.35	682.33
4/16/2007	11.81	674.87
7/2/2007	12.85	673.83
10/17/2007	13.09	673.59
1/8/2008	7.02	679.66
4/2/2008	11.00	675.68
7/1/2008	10.98	675.55
9/30/2008	11.39	675.14
1/19/2009	9.68	676.85
4/14/2009	10.02	676.51
7/21/2009	11.50	675.03
10/14/2009	10.35	676.18
1/18/2010	11.20	675.33
4/8/2010	10.05	676.48
7/12/2010	9.25	677.28
10/11/2010	9.91	676.62
1/12/2011	10.56	675.97
4/4/2011	10.27	676.26

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 686.68
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 686.53

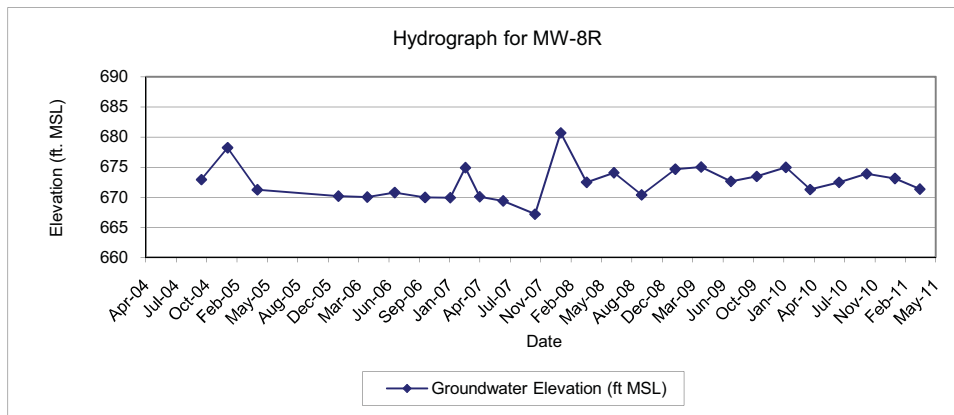


MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02
7/10/2006	14.9	670.77
10/18/2006	15.72	669.95
1/9/2007	15.76	669.91
2/28/2007	10.78	674.89
4/16/2007	15.60	670.07
7/2/2007	16.29	669.38
10/15/2007	18.50	667.17
1/8/2008	4.99	680.68
4/2/2008	13.19	672.48
7/1/2008	12.15	674.06
9/30/2008	15.83	670.38
1/19/2009	11.55	674.66
4/14/2009	11.20	675.01
7/21/2009	13.57	672.64
10/14/2009	12.76	673.45
1/18/2010	11.26	674.95
4/8/2010	14.95	671.26
7/12/2010	13.74	672.47
10/11/2010	12.34	673.87
1/12/2011	13.10	673.11
4/4/2011	14.88	671.33

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 685.67
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.21

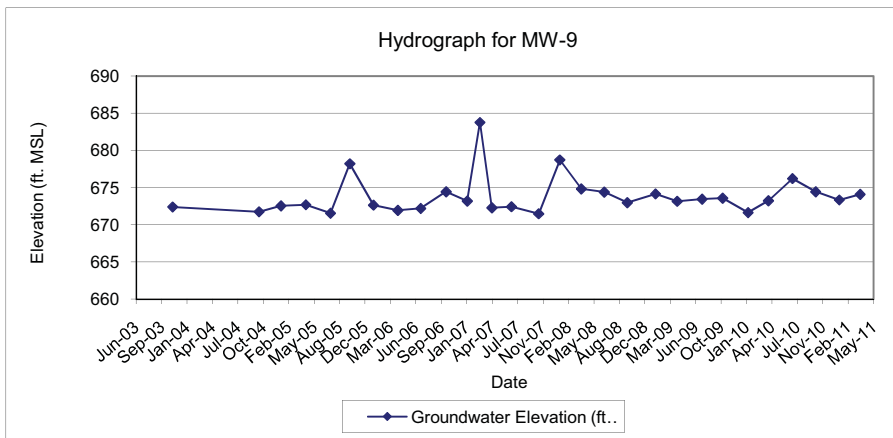


**MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.50	671.93
7/10/2006	13.24	672.19
10/18/2006	11.00	674.43
1/9/2007	12.24	673.19
2/28/2007	1.66	683.77
4/16/2007	13.15	672.28
7/2/2007	13.00	672.43
10/17/2007	13.95	671.48
1/8/2008	6.70	678.73
4/2/2008	10.61	674.82
7/1/2008	14.25	674.39
9/30/2008	15.67	672.97
1/19/2009	14.48	674.16
4/14/2009	15.48	673.16
7/21/2009	15.20	673.44
10/10/2009	15.06	673.58
1/18/2010	17.00	671.64
4/8/2010	15.40	673.24
7/12/2010	12.42	676.22
10/11/2010	14.21	674.43
1/12/2011	15.29	673.35
4/4/2011	14.55	674.09

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.43
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 688.64

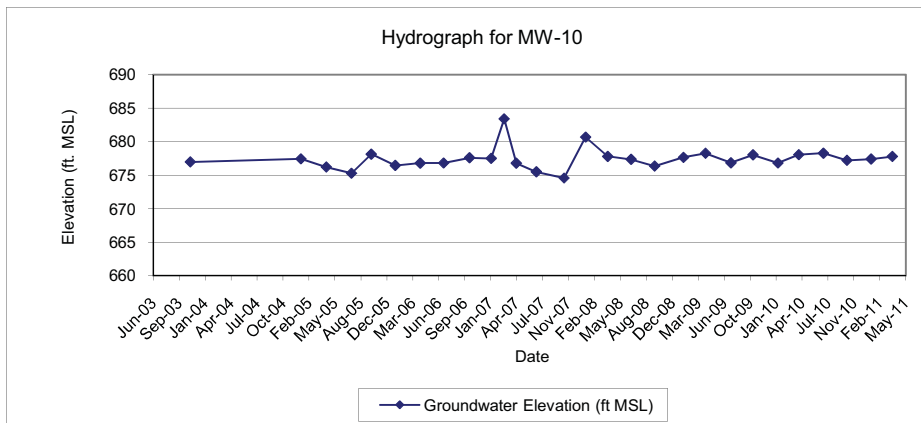


**MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	10.75	676.97
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	10.28	677.44
4/14/2005	11.50	676.22
7/20/2005	12.43	675.29
10/4/2005	9.58	678.14
1/5/2006	11.28	676.44
4/11/2006	10.91	676.81
7/10/2006	10.90	676.82
10/18/2006	10.13	677.59
1/9/2007	10.21	677.51
2/28/2007	4.30	683.42
4/16/2007	10.93	676.79
7/2/2007	12.21	675.51
10/17/2007	13.15	674.57
1/8/2008	7.03	680.69
4/2/2008	9.91	677.81
7/1/2008	10.04	677.37
9/30/2008	11.05	676.36
1/19/2009	9.74	677.67
4/14/2009	9.14	678.27
7/21/2009	10.56	676.85
10/14/2009	9.37	678.04
1/18/2010	10.59	676.82
4/8/2010	9.35	678.06
7/12/2010	9.12	678.29
10/11/2010	10.20	677.21
1/12/2011	10.00	677.41
4/4/2011	9.61	677.80

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 687.72
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 687.41

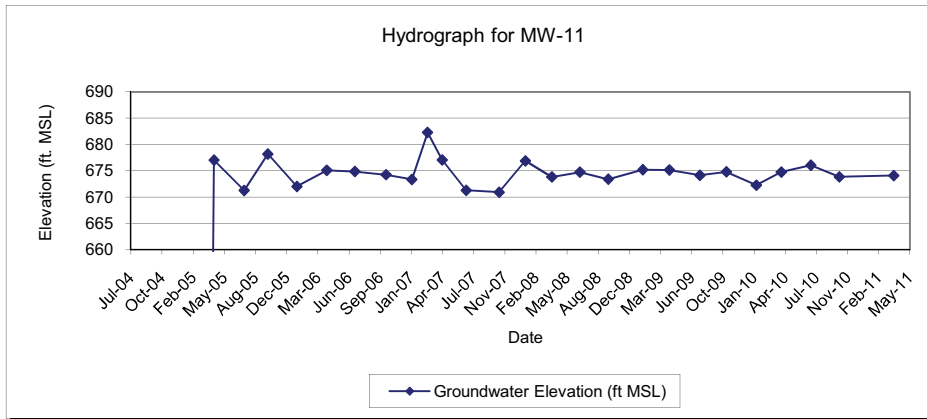


**MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	FALSE
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09
7/10/2006	13.75	674.86
10/18/2006	14.35	674.26
1/9/2007	15.26	673.35
2/28/2007	6.34	682.27
4/16/2007	11.55	677.06
7/2/2007	17.30	671.31
10/16/2007	17.69	670.92
1/8/2008	11.73	676.88
4/2/2008	14.78	673.83
7/1/2008	13.91	674.74
9/30/2008	15.25	673.40
1/19/2009	13.45	675.20
4/14/2009	13.50	675.15
7/21/2009	14.51	674.14
10/14/2009	13.85	674.8
1/18/2010	16.38	672.27
4/8/2010	13.90	674.75
7/12/2010	12.60	676.05
10/11/2010	14.80	673.85
1/12/2011	NA	NA
4/4/2011	14.52	674.09

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 688.61
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 688.65

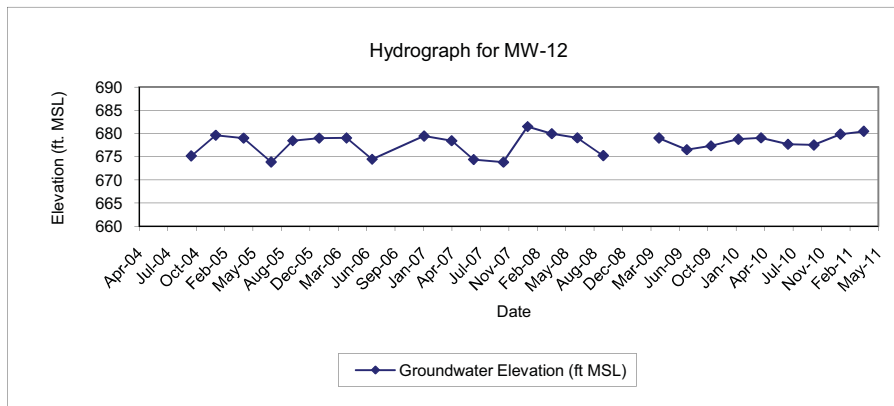


**MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	
10/12/2004	10.64	675.15
1/6/2005	6.18	679.61
4/14/2005	6.80	678.99
7/20/2005	11.95	673.84
10/4/2005	7.36	678.43
1/5/2006	6.80	678.99
4/11/2006	6.76	679.03
7/10/2006	11.35	674.44
10/18/2006	NM*	NA
1/9/2007	6.35	679.44
2/28/2007	NM*	NA
4/16/2007	7.38	678.41
7/2/2007	11.42	674.37
10/15/2007	12.00	673.79
1/8/2008	4.31	681.48
4/2/2008	5.86	679.93
7/1/2008	7.10	679.04
9/30/2008	10.92	675.22
1/19/2009	NM*	
4/14/2009	7.14	679
7/21/2009	9.66	676.48
10/14/2009	8.83	677.31
1/18/2010	7.40	678.74
4/8/2010	7.10	679.04
7/12/2010	8.48	677.66
10/11/2010	8.64	677.51
1/12/2011	6.32	679.83
4/4/2011	5.69	680.46

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.79
 NM* - Well could not be located due to snow cover
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 686.14

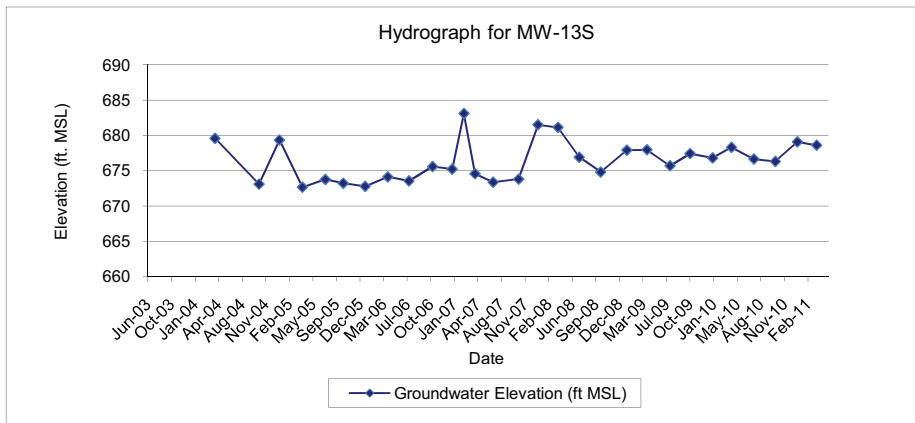


**MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12
7/10/2006	13.02	673.55
10/18/2006	10.99	675.58
1/9/2007	11.35	675.22
2/28/2007	3.49	683.08
4/16/2007	12.01	674.56
7/2/2007	13.20	673.37
10/18/2007	12.77	673.80
1/8/2008	5.08	681.49
4/2/2008	5.45	681.12
7/1/2008	9.70	676.90
9/30/2008	11.80	674.80
1/19/2009	8.70	677.90
4/14/2009	8.64	677.96
7/21/2009	10.91	675.69
10/14/2009	9.18	677.42
1/18/2010	9.80	676.80
4/8/2010	8.30	678.30
7/12/2010	9.96	676.64
10/11/2010	10.29	676.31
1/12/2011	7.53	679.07
4/4/2011	8.00	678.60

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 686.57
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 686.60

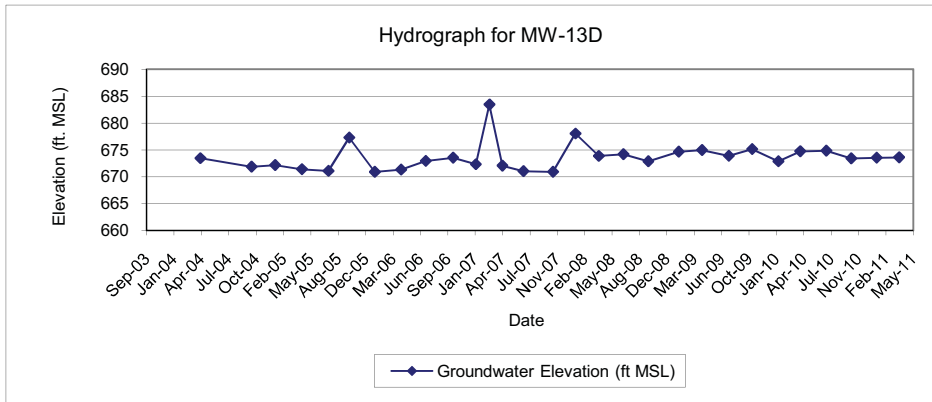


MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30
7/10/2006	13.79	672.92
10/18/2006	13.17	673.54
1/9/2007	14.41	672.30
2/28/2007	3.28	683.43
4/16/2007	14.66	672.05
7/2/2007	15.68	671.03
10/18/2007	15.80	670.91
1/8/2008	8.69	678.02
4/2/2008	12.86	673.85
7/1/2008	12.55	674.18
9/30/2008	13.89	672.84
1/19/2009	12.10	674.63
4/14/2009	11.78	674.95
7/21/2009	12.86	673.87
10/14/2009	11.59	675.14
1/18/2010	13.88	672.85
4/8/2010	12.00	674.73
7/12/2010	11.90	674.83
10/11/2010	13.34	673.39
1/12/2011	13.2	673.53
4/4/2011	13.13	673.60

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.71
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 686.73

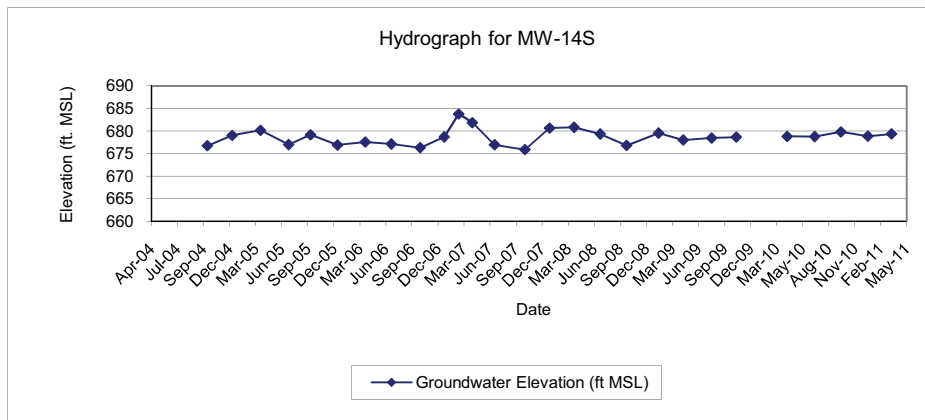


**MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.90
4/11/2006	7.75	677.56
7/10/2006	8.18	677.13
10/18/2006	9.00	676.31
1/9/2007	6.61	678.70
2/28/2007	1.50	683.81
4/16/2007	3.45	681.86
7/2/2007	8.36	676.95
10/15/2007	9.45	675.86
1/8/2008	4.65	680.66
4/2/2008	4.47	680.84
7/1/2008	6.37	679.33
9/30/2008	8.90	676.80
1/19/2009	6.15	679.55
4/14/2009	7.70	678.00
7/21/2009	7.25	678.45
10/14/2009	7.05	678.65
1/18/2010	NM	
4/8/2010	6.50	678.81
7/12/2010	6.54	678.77
10/11/2010	5.90	679.80
1/12/2011	6.83	678.87
4/4/2011	6.34	679.36

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.31
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 685.70

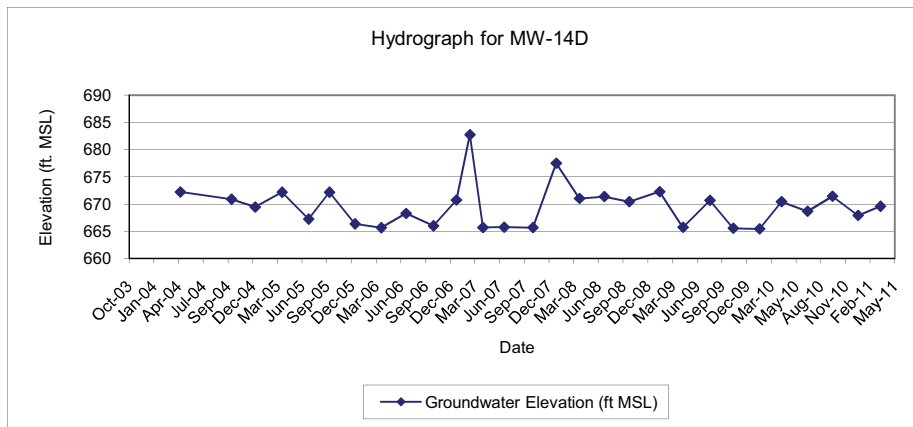


**MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64
7/10/2006	17.16	668.27
10/18/2006	19.44	665.99
1/9/2007	14.71	670.72
2/28/2007	2.67	682.76
4/16/2007	19.74	665.69
7/2/2007	19.68	665.75
10/15/2007	19.76	665.67
1/8/2008	7.92	677.51
4/2/2008	14.41	671.02
7/1/2008	14.45	671.37
9/30/2008	15.39	670.43
1/19/2009	13.55	672.27
4/14/2009	20.10	665.72
7/21/2009	15.15	670.67
10/14/2009	20.27	665.55
1/18/2010	20.40	665.42
4/8/2010	15.40	670.42
7/12/2010	17.15	668.67
10/11/2010	14.40	671.42
1/12/2011	17.92	667.90
4/4/2011	16.23	669.59

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.43
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 685.82

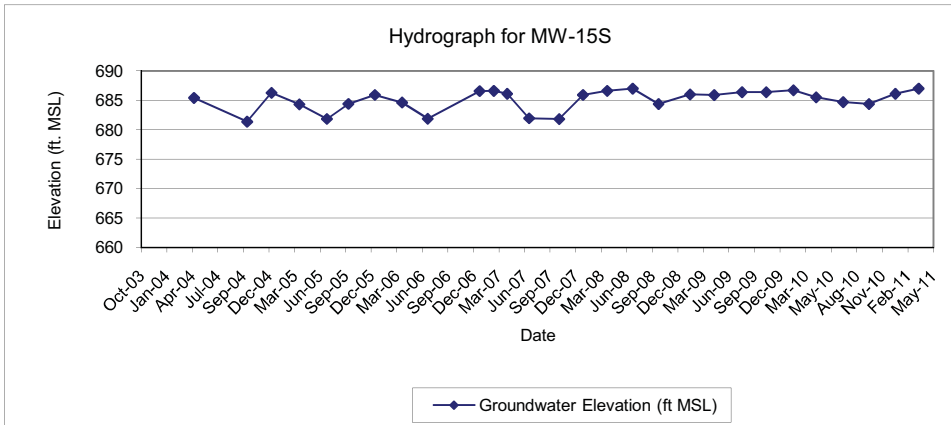


MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	685.44
10/12/2004	5.26	681.38
1/6/2005	0.35	686.29
4/14/2005	2.31	684.33
7/20/2005	4.78	681.86
10/4/2005	2.22	684.42
1/5/2006	0.70	685.94
4/11/2006	2.00	684.64
7/10/2006	4.75	681.89
1/9/2007	0.05	686.59
2/28/2007	0.00	686.64
4/16/2007	0.50	686.14
7/2/2007	4.67	681.97
10/16/2007	4.80	681.84
1/8/2008	0.70	685.94
4/2/2008	0.00	686.64
7/1/2008	0.50	687.02
9/30/2008	3.14	684.38
1/19/2009	1.50	686.02
4/14/2009	1.60	685.92
7/21/2009	1.11	686.41
10/14/2009	1.11	686.41
1/18/2010	0.80	686.72
4/8/2010	2.00	685.52
7/12/2010	2.80	684.72
10/11/2010	3.14	684.38
1/12/2011	1.40	686.12
4/4/2011	0.50	687.02

NOTES:

ft MSL - feet mean sea level
NA - Not Available
NM - Not Measured
TOC - top of PVC casing
TOC Elevation - 686.64'
DPE and GWCT down on 2/28/07
DPE down on 1/8/08
TOC Elevation as of 6/13/08 - 687.52'



**MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.90	670.41
7/10/2006	15.78	671.53
10/18/2006	15.50	671.81
1/9/2007	15.80	671.51
2/28/2007	4.10	683.21
4/16/2007	16.61	670.70
7/2/2007	17.20	670.11
10/16/2007	16.70	670.61
1/8/2008	8.99	678.32
4/2/2008	15.01	672.30
7/1/2008	14.64	672.98
9/30/2008	16.24	671.38
1/19/2009	15.00	672.62
4/14/2009	14.21	673.41
7/21/2009	14.61	673.01
10/14/2009	14.81	672.81
1/18/2010	16.89	670.73
4/8/2010	15.00	672.62
7/12/2010	13.00	674.62
10/11/2010	13.00	674.62
1/12/2011	15.65	671.97
4/4/2011	15.51	672.11

NOTES:

ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

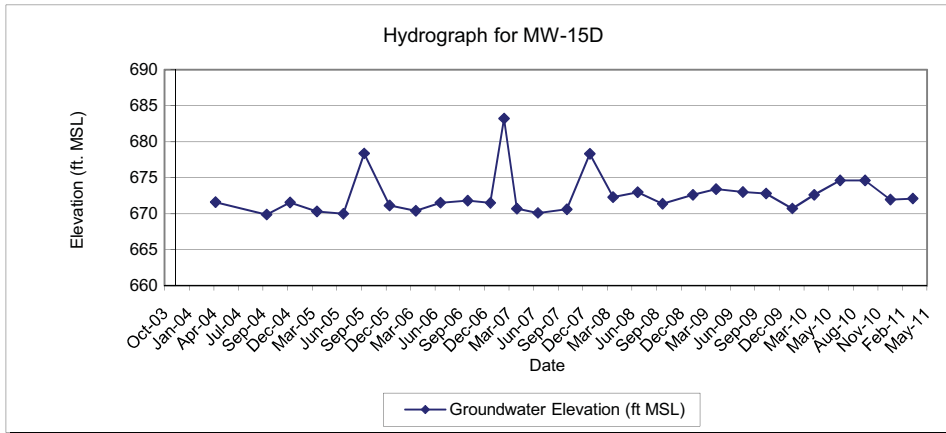
TOC - top of PVC casing

TOC Elevation - 687.31'

DPE and GWCT down on 2/28/07

DPE down on 1/8/08

TOC Elevation as of 6/13/08 - 687.62'

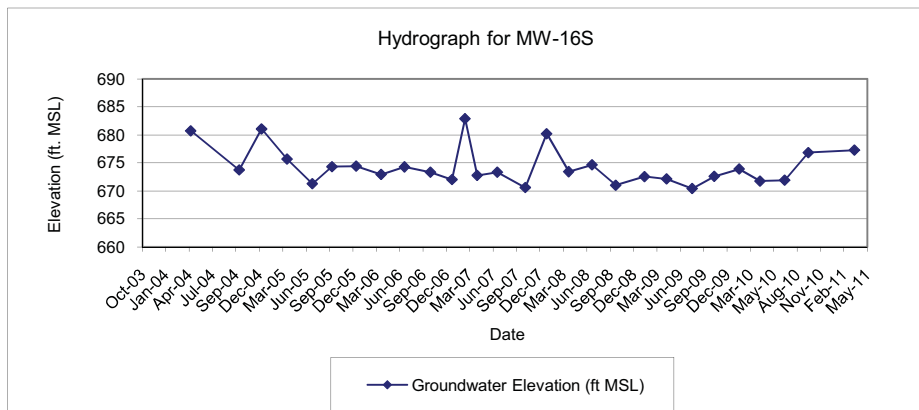


**MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94
7/10/2006	11.54	674.30
10/18/2006	12.50	673.34
1/9/2007	13.82	672.02
2/28/2007	2.90	682.94
4/16/2007	13.07	672.77
7/2/2007	12.50	673.34
10/18/2007	15.23	670.61
1/8/2008	5.60	680.24
4/2/2008	12.40	673.44
7/1/2008	15.70	674.67
9/30/2008	19.34	671.03
1/19/2009	17.80	672.57
4/14/2009	18.22	672.15
7/21/2009	19.95	670.42
10/14/2009	17.77	672.60
1/18/2010	16.45	673.92
4/8/2010	18.60	671.77
7/12/2010	18.45	671.92
10/11/2010	13.51	676.86
1/12/2011	NA	NA
4/7/2011	8.55	677.29

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 685.84'
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 690.37'
 TOC Elevation as of 4/7/2011 - 685.84'

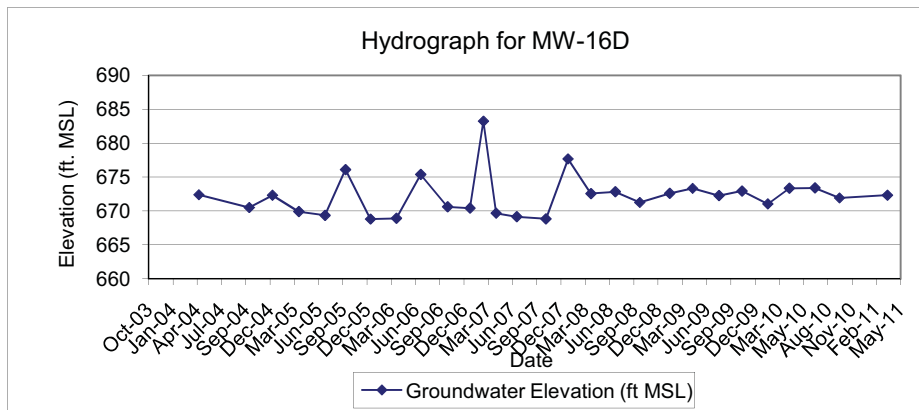


**MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York**

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.1	668.91
7/10/2006	10.61	675.4
10/18/2006	15.41	670.6
1/9/2007	15.6	670.41
2/28/2007	2.74	683.27
4/16/2007	16.35	669.66
7/2/2007	16.85	669.16
10/18/2007	17.17	668.84
1/8/2008	8.32	677.69
4/2/2008	13.44	672.57
7/1/2008	17.72	672.83
9/30/2008	19.29	671.26
1/19/2009	17.95	672.60
4/14/2009	17.21	673.34
7/21/2009	18.28	672.27
10/14/2009	17.60	672.95
1/18/2010	19.51	671.04
4/8/2010	17.19	673.36
7/12/2010	17.15	673.40
10/11/2010	18.63	671.92
1/12/2011	NA	NA
4/7/2011	13.67	672.34

NOTES:

ft MSL - feet mean sea level
 NA - Not Available
 NM - Not Measured
 TOC - top of PVC casing
 TOC Elevation - 686.01'
 DPE and GWCT down on 2/28/07
 DPE down on 1/8/08
 TOC Elevation as of 6/13/08 - 690.55'
 TOC Elevation as of 4/7/2011 - 686.01'



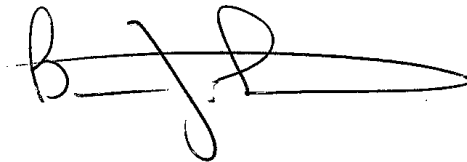
APPENDIX D
ANALYTICAL LABORATORY DATA PACKAGES
(PROVIDED ON CD)

ANALYTICAL REPORT

Job Number: 480-3345-1

Job Description: Scott Aviation site

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226
Attention: Mr. Dino Zack



Approved for release.
Brian Fischer
Project Manager II
4/18/2011 11:48 AM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
04/18/2011

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TestAmerica Laboratories, Inc.

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AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1

SDG No.: _____

Instrument ID: G.i Analysis Batch Number: 16379

Lab Sample ID: 480-3345-3 Client Sample ID: AS Effluent

Date Analyzed: 04/09/11 01:30 Lab File ID: gfgc015.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Hexane	7.84	Baseline event	wrd	04/11/11 09:17
Methyl Ethyl Ketone	9.16	Baseline event	wrd	04/11/11 09:17
4-Ethyltoluene	16.83	Baseline event	wrd	04/11/11 09:18

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1

SDG No.: _____

Instrument ID: G.i Analysis Batch Number: 16389

Lab Sample ID: 480-3345-4 Client Sample ID: LRP Effluent

Date Analyzed: 04/11/11 13:08 Lab File ID: gfgd005.d GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane	9.83	Analyte misidentified by the data system	wrd	04/11/11 13:59

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-3345-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-3345-3	AS Effluent	Air	04/04/2011 0730	04/05/2011 1015
480-3345-4	LRP Effluent	Air	04/04/2011 0730	04/05/2011 1015

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-3345-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
480-3345-3 AS EFFLUENT					
Dichlorodifluoromethane		0.51	0.50	ppb v/v	TO-15
Dichlorodifluoromethane		2.5	2.5	ug/m3	TO-15
Chloromethane		0.54	0.50	ppb v/v	TO-15
Chloromethane		1.1	1.0	ug/m3	TO-15
Vinyl chloride		1.3	0.20	ppb v/v	TO-15
Vinyl chloride		3.3	0.51	ug/m3	TO-15
Chloroethane		13	0.50	ppb v/v	TO-15
Chloroethane		33	1.3	ug/m3	TO-15
Trichlorofluoromethane		0.24	0.20	ppb v/v	TO-15
Trichlorofluoromethane		1.3	1.1	ug/m3	TO-15
Carbon disulfide		0.78	0.50	ppb v/v	TO-15
Carbon disulfide		2.4	1.6	ug/m3	TO-15
trans-1,2-Dichloroethene		0.25	0.20	ppb v/v	TO-15
trans-1,2-Dichloroethene		0.97	0.79	ug/m3	TO-15
1,1-Dichloroethane		2.3	0.20	ppb v/v	TO-15
1,1-Dichloroethane		9.2	0.81	ug/m3	TO-15
cis-1,2-Dichloroethene		1.8	0.20	ppb v/v	TO-15
cis-1,2-Dichloroethene		7.1	0.79	ug/m3	TO-15
1,2-Dichloroethene, Total		2.0	0.20	ppb v/v	TO-15
1,2-Dichloroethene, Total		8.1	0.79	ug/m3	TO-15
Trichloroethene		0.44	0.20	ppb v/v	TO-15
Trichloroethene		2.4	1.1	ug/m3	TO-15
Toluene		1.2	0.20	ppb v/v	TO-15
Toluene		4.5	0.75	ug/m3	TO-15
Xylene (total)		0.32	0.20	ppb v/v	TO-15
Xylene (total)		1.4	0.87	ug/m3	TO-15
1,3-Dichlorobenzene		0.47	0.20	ppb v/v	TO-15
1,3-Dichlorobenzene		2.8	1.2	ug/m3	TO-15
480-3345-4 LRP EFFLUENT					
Vinyl chloride		360	32	ppb v/v	TO-15
Vinyl chloride		920	81	ug/m3	TO-15
1,1-Dichloroethene		35	32	ppb v/v	TO-15
1,1-Dichloroethene		140	130	ug/m3	TO-15
1,1-Dichloroethane		160	32	ppb v/v	TO-15
1,1-Dichloroethane		650	130	ug/m3	TO-15
cis-1,2-Dichloroethene		5100	32	ppb v/v	TO-15
cis-1,2-Dichloroethene		20000	130	ug/m3	TO-15
1,2-Dichloroethene, Total		5200	32	ppb v/v	TO-15
1,2-Dichloroethene, Total		20000	130	ug/m3	TO-15
1,1,1-Trichloroethane		70	32	ppb v/v	TO-15
1,1,1-Trichloroethane		380	170	ug/m3	TO-15
Trichloroethene		5500	32	ppb v/v	TO-15
Trichloroethene		29000	170	ug/m3	TO-15

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-3345-1

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

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: AECOM, Inc.

Job Number: 480-3345-1

Method	Analyst	Analyst ID
EPA TO-15	Desjardins, William R	WRD

Client: AECOM, Inc.

Job Number: 480-3345-1

Client Sample ID: AS Effluent

Lab Sample ID: 480-3345-3

Date Sampled: 04/04/2011 0730

Client Matrix: Air

Date Received: 04/05/2011 1015

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-16379	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	gfgc015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/09/2011 0130			Final Weight/Volume:	200 mL
Prep Date:	04/09/2011 0130			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	0.51		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	0.54		0.50	0.50
Vinyl chloride	1.3		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	13		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	0.24		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	0.78		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	ND		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	0.25		0.20	0.20
n-Hexane	ND		0.20	0.20
1,1-Dichloroethane	2.3		0.20	0.20
Methyl Ethyl Ketone	ND		0.50	0.50
cis-1,2-Dichloroethene	1.8		0.20	0.20
1,2-Dichloroethene, Total	2.0		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	0.44		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	1.2		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20
1,2-Dibromoethane	ND		0.20	0.20

Client: AECOM, Inc.

Job Number: 480-3345-1

Client Sample ID: AS Effluent

Lab Sample ID: 480-3345-3

Date Sampled: 04/04/2011 0730

Client Matrix: Air

Date Received: 04/05/2011 1015

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-16379	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	gfgc015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/09/2011 0130			Final Weight/Volume:	200 mL
Prep Date:	04/09/2011 0130			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	0.32		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	0.47		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	2.5		2.5	2.5
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
Chloromethane	1.1		1.0	1.0
Vinyl chloride	3.3		0.51	0.51
1,3-Butadiene	ND		0.44	0.44
Bromomethane	ND		0.78	0.78
Chloroethane	33		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Trichlorofluoromethane	1.3		1.1	1.1
Freon TF	ND		1.5	1.5
1,1-Dichloroethene	ND		0.79	0.79
Acetone	ND		12	12
Isopropyl alcohol	ND		12	12
Carbon disulfide	2.4		1.6	1.6
3-Chloropropene	ND		1.6	1.6
Methylene Chloride	ND		1.7	1.7
tert-Butyl alcohol	ND		15	15
Methyl tert-butyl ether	ND		0.72	0.72
trans-1,2-Dichloroethene	0.97		0.79	0.79
n-Hexane	ND		0.70	0.70
1,1-Dichloroethane	9.2		0.81	0.81
Methyl Ethyl Ketone	ND		1.5	1.5
cis-1,2-Dichloroethene	7.1		0.79	0.79
1,2-Dichloroethene, Total	8.1		0.79	0.79
Chloroform	ND		0.98	0.98
Tetrahydrofuran	ND		15	15
1,1,1-Trichloroethane	ND		1.1	1.1

Client: AECOM, Inc.

Job Number: 480-3345-1

Client Sample ID: AS Effluent

Lab Sample ID: 480-3345-3

Date Sampled: 04/04/2011 0730

Client Matrix: Air

Date Received: 04/05/2011 1015

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-16379	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	gfgc015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/09/2011 0130			Final Weight/Volume:	200 mL
Prep Date:	04/09/2011 0130			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		0.69	0.69
Carbon tetrachloride	ND		1.3	1.3
2,2,4-Trimethylpentane	ND		0.93	0.93
Benzene	ND		0.64	0.64
1,2-Dichloroethane	ND		0.81	0.81
n-Heptane	ND		0.82	0.82
Trichloroethene	2.4		1.1	1.1
1,2-Dichloropropane	ND		0.92	0.92
1,4-Dioxane	ND		18	18
Bromodichloromethane	ND		1.3	1.3
cis-1,3-Dichloropropene	ND		0.91	0.91
methyl isobutyl ketone	ND		2.0	2.0
Toluene	4.5		0.75	0.75
trans-1,3-Dichloropropene	ND		0.91	0.91
1,1,2-Trichloroethane	ND		1.1	1.1
Tetrachloroethene	ND		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Dibromochloromethane	ND		1.7	1.7
1,2-Dibromoethane	ND		1.5	1.5
Chlorobenzene	ND		0.92	0.92
Ethylbenzene	ND		0.87	0.87
m,p-Xylene	ND		2.2	2.2
Xylene, o-	ND		0.87	0.87
Xylene (total)	1.4		0.87	0.87
Styrene	ND		0.85	0.85
Bromoform	ND		2.1	2.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
4-Ethyltoluene	ND		0.98	0.98
1,3,5-Trimethylbenzene	ND		0.98	0.98
2-Chlorotoluene	ND		1.0	1.0
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,3-Dichlorobenzene	2.8		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,2-Dichlorobenzene	ND		1.2	1.2
1,2,4-Trichlorobenzene	ND		3.7	3.7
Hexachlorobutadiene	ND		2.1	2.1

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3345-1

Client Sample ID: LRP Effluent

Lab Sample ID: 480-3345-4

Date Sampled: 04/04/2011 0730

Client Matrix: Air

Date Received: 04/05/2011 1015

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-16389	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	gfgd005.d
Dilution:	158			Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1308			Final Weight/Volume:	200 mL
Prep Date:	04/11/2011 1308			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		79	79
1,2-Dichlorotetrafluoroethane	ND		32	32
Chloromethane	ND		79	79
Vinyl chloride	360		32	32
1,3-Butadiene	ND		32	32
Bromomethane	ND		32	32
Chloroethane	ND		79	79
Bromoethene(Vinyl Bromide)	ND		32	32
Trichlorofluoromethane	ND		32	32
Freon TF	ND		32	32
1,1-Dichloroethene	35		32	32
Acetone	ND		790	790
Isopropyl alcohol	ND		790	790
Carbon disulfide	ND		79	79
3-Chloropropene	ND		79	79
Methylene Chloride	ND		79	79
tert-Butyl alcohol	ND		790	790
Methyl tert-butyl ether	ND		32	32
trans-1,2-Dichloroethene	ND		32	32
n-Hexane	ND		32	32
1,1-Dichloroethane	160		32	32
Methyl Ethyl Ketone	ND		79	79
cis-1,2-Dichloroethene	5100		32	32
1,2-Dichloroethene, Total	5200		32	32
Chloroform	ND		32	32
Tetrahydrofuran	ND		790	790
1,1,1-Trichloroethane	70		32	32
Cyclohexane	ND		32	32
Carbon tetrachloride	ND		32	32
2,2,4-Trimethylpentane	ND		32	32
Benzene	ND		32	32
1,2-Dichloroethane	ND		32	32
n-Heptane	ND		32	32
Trichloroethene	5500		32	32
1,2-Dichloropropane	ND		32	32
1,4-Dioxane	ND		790	790
Bromodichloromethane	ND		32	32
cis-1,3-Dichloropropene	ND		32	32
methyl isobutyl ketone	ND		79	79
Toluene	ND		32	32
trans-1,3-Dichloropropene	ND		32	32
1,1,2-Trichloroethane	ND		32	32
Tetrachloroethene	ND		32	32
Methyl Butyl Ketone (2-Hexanone)	ND		79	79
Dibromochloromethane	ND		32	32
1,2-Dibromoethane	ND		32	32

Client: AECOM, Inc.

Job Number: 480-3345-1

Client Sample ID: LRP Effluent

Lab Sample ID: 480-3345-4

Date Sampled: 04/04/2011 0730

Client Matrix: Air

Date Received: 04/05/2011 1015

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-16389	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	gfgd005.d
Dilution:	158			Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1308			Final Weight/Volume:	200 mL
Prep Date:	04/11/2011 1308			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	RL	RL
Chlorobenzene	ND		32	32
Ethylbenzene	ND		32	32
m,p-Xylene	ND		79	79
Xylene, o-	ND		32	32
Xylene (total)	ND		32	32
Styrene	ND		32	32
Bromoform	ND		32	32
1,1,2,2-Tetrachloroethane	ND		32	32
4-Ethyltoluene	ND		32	32
1,3,5-Trimethylbenzene	ND		32	32
2-Chlorotoluene	ND		32	32
1,2,4-Trimethylbenzene	ND		32	32
1,3-Dichlorobenzene	ND		32	32
1,4-Dichlorobenzene	ND		32	32
1,2-Dichlorobenzene	ND		32	32
1,2,4-Trichlorobenzene	ND		79	79
Hexachlorobutadiene	ND		32	32

Analyte	Result (ug/m3)	Qualifier	RL	RL
Dichlorodifluoromethane	ND		390	390
1,2-Dichlorotetrafluoroethane	ND		220	220
Chloromethane	ND		160	160
Vinyl chloride	920		81	81
1,3-Butadiene	ND		70	70
Bromomethane	ND		120	120
Chloroethane	ND		210	210
Bromoethene(Vinyl Bromide)	ND		140	140
Trichlorofluoromethane	ND		180	180
Freon TF	ND		240	240
1,1-Dichloroethene	140		130	130
Acetone	ND		1900	1900
Isopropyl alcohol	ND		1900	1900
Carbon disulfide	ND		250	250
3-Chloropropene	ND		250	250
Methylene Chloride	ND		270	270
tert-Butyl alcohol	ND		2400	2400
Methyl tert-butyl ether	ND		110	110
trans-1,2-Dichloroethene	ND		130	130
n-Hexane	ND		110	110
1,1-Dichloroethane	650		130	130
Methyl Ethyl Ketone	ND		230	230
cis-1,2-Dichloroethene	20000		130	130
1,2-Dichloroethene, Total	20000		130	130
Chloroform	ND		150	150
Tetrahydrofuran	ND		2300	2300
1,1,1-Trichloroethane	380		170	170

Client: AECOM, Inc.

Job Number: 480-3345-1

Client Sample ID: LRP Effluent

Lab Sample ID: 480-3345-4

Date Sampled: 04/04/2011 0730

Client Matrix: Air

Date Received: 04/05/2011 1015

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-16389	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	gfgd005.d
Dilution:	158			Initial Weight/Volume:	50 mL
Analysis Date:	04/11/2011 1308			Final Weight/Volume:	200 mL
Prep Date:	04/11/2011 1308			Injection Volume:	200 mL

Analyte	Result (ug/m3)	Qualifier	RL	RL
Cyclohexane	ND		110	110
Carbon tetrachloride	ND		200	200
2,2,4-Trimethylpentane	ND		150	150
Benzene	ND		100	100
1,2-Dichloroethane	ND		130	130
n-Heptane	ND		130	130
Trichloroethene	29000		170	170
1,2-Dichloropropane	ND		150	150
1,4-Dioxane	ND		2800	2800
Bromodichloromethane	ND		210	210
cis-1,3-Dichloropropene	ND		140	140
methyl isobutyl ketone	ND		320	320
Toluene	ND		120	120
trans-1,3-Dichloropropene	ND		140	140
1,1,2-Trichloroethane	ND		170	170
Tetrachloroethene	ND		210	210
Methyl Butyl Ketone (2-Hexanone)	ND		320	320
Dibromochloromethane	ND		270	270
1,2-Dibromoethane	ND		240	240
Chlorobenzene	ND		150	150
Ethylbenzene	ND		140	140
m,p-Xylene	ND		340	340
Xylene, o-	ND		140	140
Xylene (total)	ND		140	140
Styrene	ND		130	130
Bromoform	ND		330	330
1,1,2,2-Tetrachloroethane	ND		220	220
4-Ethyltoluene	ND		160	160
1,3,5-Trimethylbenzene	ND		160	160
2-Chlorotoluene	ND		160	160
1,2,4-Trimethylbenzene	ND		160	160
1,3-Dichlorobenzene	ND		190	190
1,4-Dichlorobenzene	ND		190	190
1,2-Dichlorobenzene	ND		190	190
1,2,4-Trichlorobenzene	ND		590	590
Hexachlorobutadiene	ND		340	340

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16379

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-16379/4	Analysis Batch: 200-16379	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgc004.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/08/2011 1611	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 04/08/2011 1611		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
Vinyl chloride	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	ND		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	ND		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	ND		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	ND		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
n-Hexane	ND		0.20	0.20
1,1-Dichloroethane	ND		0.20	0.20
Methyl Ethyl Ketone	ND		0.50	0.50
cis-1,2-Dichloroethene	ND		0.20	0.20
1,2-Dichloroethene, Total	ND		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	ND		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	ND		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16379

Lab Sample ID: MB 200-16379/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/08/2011 1611
 Prep Date: 04/08/2011 1611
 Leach Date: N/A

Analysis Batch: 200-16379
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Method: TO-15

Preparation: Summa Canister

Instrument ID: G.i
 Lab File ID: gfgc004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		0.20	0.20
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	ND		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16379

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-16379/4	Analysis Batch: 200-16379	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgc004.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/08/2011 1611	Units: ug/m3	Final Weight/Volume: 200 mL
Prep Date: 04/08/2011 1611		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		2.5	2.5
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
Chloromethane	ND		1.0	1.0
Vinyl chloride	ND		0.51	0.51
1,3-Butadiene	ND		0.44	0.44
Bromomethane	ND		0.78	0.78
Chloroethane	ND		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Trichlorofluoromethane	ND		1.1	1.1
Freon TF	ND		1.5	1.5
1,1-Dichloroethene	ND		0.79	0.79
Acetone	ND		12	12
Isopropyl alcohol	ND		12	12
Carbon disulfide	ND		1.6	1.6
3-Chloropropene	ND		1.6	1.6
Methylene Chloride	ND		1.7	1.7
tert-Butyl alcohol	ND		15	15
Methyl tert-butyl ether	ND		0.72	0.72
trans-1,2-Dichloroethene	ND		0.79	0.79
n-Hexane	ND		0.70	0.70
1,1-Dichloroethane	ND		0.81	0.81
Methyl Ethyl Ketone	ND		1.5	1.5
cis-1,2-Dichloroethene	ND		0.79	0.79
1,2-Dichloroethene, Total	ND		0.79	0.79
Chloroform	ND		0.98	0.98
Tetrahydrofuran	ND		15	15
1,1,1-Trichloroethane	ND		1.1	1.1
Cyclohexane	ND		0.69	0.69
Carbon tetrachloride	ND		1.3	1.3
2,2,4-Trimethylpentane	ND		0.93	0.93
Benzene	ND		0.64	0.64
1,2-Dichloroethane	ND		0.81	0.81
n-Heptane	ND		0.82	0.82
Trichloroethene	ND		1.1	1.1
1,2-Dichloropropane	ND		0.92	0.92
1,4-Dioxane	ND		18	18
Bromodichloromethane	ND		1.3	1.3
cis-1,3-Dichloropropene	ND		0.91	0.91
methyl isobutyl ketone	ND		2.0	2.0
Toluene	ND		0.75	0.75
trans-1,3-Dichloropropene	ND		0.91	0.91
1,1,2-Trichloroethane	ND		1.1	1.1
Tetrachloroethene	ND		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Dibromochloromethane	ND		1.7	1.7

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16379

Lab Sample ID: MB 200-16379/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/08/2011 1611
 Prep Date: 04/08/2011 1611
 Leach Date: N/A

Analysis Batch: 200-16379
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Method: TO-15

Preparation: Summa Canister

Instrument ID: G.i
 Lab File ID: gfgc004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		1.5	1.5
Chlorobenzene	ND		0.92	0.92
Ethylbenzene	ND		0.87	0.87
m,p-Xylene	ND		2.2	2.2
Xylene, o-	ND		0.87	0.87
Xylene (total)	ND		0.87	0.87
Styrene	ND		0.85	0.85
Bromoform	ND		2.1	2.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
4-Ethyltoluene	ND		0.98	0.98
1,3,5-Trimethylbenzene	ND		0.98	0.98
2-Chlorotoluene	ND		1.0	1.0
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,3-Dichlorobenzene	ND		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,2-Dichlorobenzene	ND		1.2	1.2
1,2,4-Trichlorobenzene	ND		3.7	3.7
Hexachlorobutadiene	ND		2.1	2.1

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Lab Control Sample - Batch: 200-16379

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-16379/3	Analysis Batch: 200-16379	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgc003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/08/2011 1520	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 04/08/2011 1520		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	11.5	115	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	11.3	113	70 - 130	
Chloromethane	10.0	10.9	109	70 - 130	
Vinyl chloride	10.0	11.0	110	70 - 130	
1,3-Butadiene	10.0	11.3	113	70 - 130	
Bromomethane	10.0	9.72	97	70 - 130	
Chloroethane	10.0	10.1	101	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.5	105	70 - 130	
Trichlorofluoromethane	10.0	10.7	107	70 - 130	
Freon TF	10.0	11.2	112	70 - 130	
1,1-Dichloroethene	10.0	11.3	113	70 - 130	
Acetone	10.0	11.4	114	70 - 130	
Isopropyl alcohol	10.0	9.67	97	70 - 130	
Carbon disulfide	10.0	9.23	92	70 - 130	
3-Chloropropene	10.0	9.86	99	70 - 130	
Methylene Chloride	10.0	11.0	110	70 - 130	
tert-Butyl alcohol	10.0	10.0	100	70 - 130	
Methyl tert-butyl ether	10.0	11.3	113	70 - 130	
trans-1,2-Dichloroethene	10.0	10.6	106	70 - 130	
n-Hexane	10.0	10.4	104	70 - 130	
1,1-Dichloroethane	10.0	10.5	105	70 - 130	
Methyl Ethyl Ketone	10.0	10.7	107	70 - 130	
cis-1,2-Dichloroethene	10.0	10.6	106	70 - 130	
Chloroform	10.0	10.7	107	70 - 130	
Tetrahydrofuran	10.0	10.1	101	70 - 130	
1,1,1-Trichloroethane	10.0	10.3	103	70 - 130	
Cyclohexane	10.0	10.1	101	70 - 130	
Carbon tetrachloride	10.0	10.3	103	70 - 130	
2,2,4-Trimethylpentane	10.0	10.1	101	70 - 130	
Benzene	10.0	9.81	98	70 - 130	
1,2-Dichloroethane	10.0	10.5	105	70 - 130	
n-Heptane	10.0	9.71	97	70 - 130	
Trichloroethene	10.0	9.96	100	70 - 130	
1,2-Dichloropropane	10.0	9.80	98	70 - 130	
1,4-Dioxane	10.0	7.94	79	70 - 130	
Bromodichloromethane	10.0	10.8	108	70 - 130	
cis-1,3-Dichloropropene	10.0	9.98	100	70 - 130	
methyl isobutyl ketone	10.0	9.97	100	70 - 130	
Toluene	10.0	9.81	98	70 - 130	
trans-1,3-Dichloropropene	10.0	10.0	100	70 - 130	
1,1,2-Trichloroethane	10.0	9.58	96	70 - 130	
Tetrachloroethene	10.0	9.91	99	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.85	98	70 - 130	
Dibromochloromethane	10.0	11.0	110	70 - 130	
1,2-Dibromoethane	10.0	10.0	100	70 - 130	
Chlorobenzene	10.0	9.71	97	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Lab Control Sample - Batch: 200-16379

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-16379/3	Analysis Batch: 200-16379	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgc003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/08/2011 1520	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 04/08/2011 1520		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	10.0	10.2	102	70 - 130	
m,p-Xylene	20.0	20.0	100	70 - 130	
Xylene, o-	10.0	9.95	100	70 - 130	
Styrene	10.0	10.8	108	70 - 130	
Bromoform	10.0	11.4	114	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70 - 130	
4-Ethyltoluene	10.0	11.1	111	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70 - 130	
2-Chlorotoluene	10.0	10.7	107	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130	
1,3-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,4-Dichlorobenzene	10.0	10.6	106	70 - 130	
1,2-Dichlorobenzene	10.0	10.3	103	70 - 130	
1,2,4-Trichlorobenzene	10.0	9.57	96	70 - 130	
Hexachlorobutadiene	10.0	11.0	110	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16389

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-16389/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/11/2011 1216
 Prep Date: 04/11/2011 1216
 Leach Date: N/A

Analysis Batch: 200-16389
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Instrument ID: G.i
 Lab File ID: gfgd004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		0.50	0.50
1,2-Dichlorotetrafluoroethane	ND		0.20	0.20
Chloromethane	ND		0.50	0.50
Vinyl chloride	ND		0.20	0.20
1,3-Butadiene	ND		0.20	0.20
Bromomethane	ND		0.20	0.20
Chloroethane	ND		0.50	0.50
Bromoethene(Vinyl Bromide)	ND		0.20	0.20
Trichlorofluoromethane	ND		0.20	0.20
Freon TF	ND		0.20	0.20
1,1-Dichloroethene	ND		0.20	0.20
Acetone	ND		5.0	5.0
Isopropyl alcohol	ND		5.0	5.0
Carbon disulfide	ND		0.50	0.50
3-Chloropropene	ND		0.50	0.50
Methylene Chloride	ND		0.50	0.50
tert-Butyl alcohol	ND		5.0	5.0
Methyl tert-butyl ether	ND		0.20	0.20
trans-1,2-Dichloroethene	ND		0.20	0.20
n-Hexane	ND		0.20	0.20
1,1-Dichloroethane	ND		0.20	0.20
Methyl Ethyl Ketone	ND		0.50	0.50
cis-1,2-Dichloroethene	ND		0.20	0.20
1,2-Dichloroethene, Total	ND		0.20	0.20
Chloroform	ND		0.20	0.20
Tetrahydrofuran	ND		5.0	5.0
1,1,1-Trichloroethane	ND		0.20	0.20
Cyclohexane	ND		0.20	0.20
Carbon tetrachloride	ND		0.20	0.20
2,2,4-Trimethylpentane	ND		0.20	0.20
Benzene	ND		0.20	0.20
1,2-Dichloroethane	ND		0.20	0.20
n-Heptane	ND		0.20	0.20
Trichloroethene	ND		0.20	0.20
1,2-Dichloropropane	ND		0.20	0.20
1,4-Dioxane	ND		5.0	5.0
Bromodichloromethane	ND		0.20	0.20
cis-1,3-Dichloropropene	ND		0.20	0.20
methyl isobutyl ketone	ND		0.50	0.50
Toluene	ND		0.20	0.20
trans-1,3-Dichloropropene	ND		0.20	0.20
1,1,2-Trichloroethane	ND		0.20	0.20
Tetrachloroethene	ND		0.20	0.20
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.50
Dibromochloromethane	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16389

Lab Sample ID: MB 200-16389/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/11/2011 1216
 Prep Date: 04/11/2011 1216
 Leach Date: N/A

Analysis Batch: 200-16389
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ppb v/v

Method: TO-15

Preparation: Summa Canister

Instrument ID: G.i
 Lab File ID: gfgd004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		0.20	0.20
Chlorobenzene	ND		0.20	0.20
Ethylbenzene	ND		0.20	0.20
m,p-Xylene	ND		0.50	0.50
Xylene, o-	ND		0.20	0.20
Xylene (total)	ND		0.20	0.20
Styrene	ND		0.20	0.20
Bromoform	ND		0.20	0.20
1,1,2,2-Tetrachloroethane	ND		0.20	0.20
4-Ethyltoluene	ND		0.20	0.20
1,3,5-Trimethylbenzene	ND		0.20	0.20
2-Chlorotoluene	ND		0.20	0.20
1,2,4-Trimethylbenzene	ND		0.20	0.20
1,3-Dichlorobenzene	ND		0.20	0.20
1,4-Dichlorobenzene	ND		0.20	0.20
1,2-Dichlorobenzene	ND		0.20	0.20
1,2,4-Trichlorobenzene	ND		0.50	0.50
Hexachlorobutadiene	ND		0.20	0.20

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16389

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-16389/4	Analysis Batch: 200-16389	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgd004.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/11/2011 1216	Units: ug/m3	Final Weight/Volume: 200 mL
Prep Date: 04/11/2011 1216		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Result	Qual	RL	RL
Dichlorodifluoromethane	ND		2.5	2.5
1,2-Dichlorotetrafluoroethane	ND		1.4	1.4
Chloromethane	ND		1.0	1.0
Vinyl chloride	ND		0.51	0.51
1,3-Butadiene	ND		0.44	0.44
Bromomethane	ND		0.78	0.78
Chloroethane	ND		1.3	1.3
Bromoethene(Vinyl Bromide)	ND		0.87	0.87
Trichlorofluoromethane	ND		1.1	1.1
Freon TF	ND		1.5	1.5
1,1-Dichloroethene	ND		0.79	0.79
Acetone	ND		12	12
Isopropyl alcohol	ND		12	12
Carbon disulfide	ND		1.6	1.6
3-Chloropropene	ND		1.6	1.6
Methylene Chloride	ND		1.7	1.7
tert-Butyl alcohol	ND		15	15
Methyl tert-butyl ether	ND		0.72	0.72
trans-1,2-Dichloroethene	ND		0.79	0.79
n-Hexane	ND		0.70	0.70
1,1-Dichloroethane	ND		0.81	0.81
Methyl Ethyl Ketone	ND		1.5	1.5
cis-1,2-Dichloroethene	ND		0.79	0.79
1,2-Dichloroethene, Total	ND		0.79	0.79
Chloroform	ND		0.98	0.98
Tetrahydrofuran	ND		15	15
1,1,1-Trichloroethane	ND		1.1	1.1
Cyclohexane	ND		0.69	0.69
Carbon tetrachloride	ND		1.3	1.3
2,2,4-Trimethylpentane	ND		0.93	0.93
Benzene	ND		0.64	0.64
1,2-Dichloroethane	ND		0.81	0.81
n-Heptane	ND		0.82	0.82
Trichloroethene	ND		1.1	1.1
1,2-Dichloropropane	ND		0.92	0.92
1,4-Dioxane	ND		18	18
Bromodichloromethane	ND		1.3	1.3
cis-1,3-Dichloropropene	ND		0.91	0.91
methyl isobutyl ketone	ND		2.0	2.0
Toluene	ND		0.75	0.75
trans-1,3-Dichloropropene	ND		0.91	0.91
1,1,2-Trichloroethane	ND		1.1	1.1
Tetrachloroethene	ND		1.4	1.4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	2.0
Dibromochloromethane	ND		1.7	1.7

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Method Blank - Batch: 200-16389

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: MB 200-16389/4
 Client Matrix: Air
 Dilution: 1.0
 Analysis Date: 04/11/2011 1216
 Prep Date: 04/11/2011 1216
 Leach Date: N/A

Analysis Batch: 200-16389
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/m3

Instrument ID: G.i
 Lab File ID: gfgd004.d
 Initial Weight/Volume: 200 mL
 Final Weight/Volume: 200 mL
 Injection Volume: 200 mL

Analyte	Result	Qual	RL	RL
1,2-Dibromoethane	ND		1.5	1.5
Chlorobenzene	ND		0.92	0.92
Ethylbenzene	ND		0.87	0.87
m,p-Xylene	ND		2.2	2.2
Xylene, o-	ND		0.87	0.87
Xylene (total)	ND		0.87	0.87
Styrene	ND		0.85	0.85
Bromoform	ND		2.1	2.1
1,1,2,2-Tetrachloroethane	ND		1.4	1.4
4-Ethyltoluene	ND		0.98	0.98
1,3,5-Trimethylbenzene	ND		0.98	0.98
2-Chlorotoluene	ND		1.0	1.0
1,2,4-Trimethylbenzene	ND		0.98	0.98
1,3-Dichlorobenzene	ND		1.2	1.2
1,4-Dichlorobenzene	ND		1.2	1.2
1,2-Dichlorobenzene	ND		1.2	1.2
1,2,4-Trichlorobenzene	ND		3.7	3.7
Hexachlorobutadiene	ND		2.1	2.1

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Lab Control Sample - Batch: 200-16389

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-16389/3	Analysis Batch: 200-16389	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgd003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/11/2011 1125	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 04/11/2011 1125		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	10.0	10.5	105	70 - 130	
1,2-Dichlorotetrafluoroethane	10.0	10.4	104	70 - 130	
Chloromethane	10.0	10.2	102	70 - 130	
Vinyl chloride	10.0	10.3	103	70 - 130	
1,3-Butadiene	10.0	10.6	106	70 - 130	
Bromomethane	10.0	9.65	97	70 - 130	
Chloroethane	10.0	9.91	99	70 - 130	
Bromoethene(Vinyl Bromide)	10.0	10.2	103	70 - 130	
Trichlorofluoromethane	10.0	10.3	103	70 - 130	
Freon TF	10.0	11.0	110	70 - 130	
1,1-Dichloroethene	10.0	11.0	110	70 - 130	
Acetone	10.0	10.3	103	70 - 130	
Isopropyl alcohol	10.0	9.10	91	70 - 130	
Carbon disulfide	10.0	9.13	91	70 - 130	
3-Chloropropene	10.0	9.31	93	70 - 130	
Methylene Chloride	10.0	10.5	105	70 - 130	
tert-Butyl alcohol	10.0	9.74	97	70 - 130	
Methyl tert-butyl ether	10.0	9.93	99	70 - 130	
trans-1,2-Dichloroethene	10.0	10.2	102	70 - 130	
n-Hexane	10.0	10.0	100	70 - 130	
1,1-Dichloroethane	10.0	10.1	101	70 - 130	
Methyl Ethyl Ketone	10.0	9.51	95	70 - 130	
cis-1,2-Dichloroethene	10.0	10.3	103	70 - 130	
Chloroform	10.0	10.1	101	70 - 130	
Tetrahydrofuran	10.0	9.37	94	70 - 130	
1,1,1-Trichloroethane	10.0	10.3	103	70 - 130	
Cyclohexane	10.0	10.2	102	70 - 130	
Carbon tetrachloride	10.0	10.2	102	70 - 130	
2,2,4-Trimethylpentane	10.0	10.0	100	70 - 130	
Benzene	10.0	9.73	97	70 - 130	
1,2-Dichloroethane	10.0	10.2	102	70 - 130	
n-Heptane	10.0	9.74	97	70 - 130	
Trichloroethene	10.0	10.1	101	70 - 130	
1,2-Dichloropropane	10.0	9.61	96	70 - 130	
1,4-Dioxane	10.0	8.34	83	70 - 130	
Bromodichloromethane	10.0	10.6	106	70 - 130	
cis-1,3-Dichloropropene	10.0	9.73	97	70 - 130	
methyl isobutyl ketone	10.0	9.96	100	70 - 130	
Toluene	10.0	9.61	96	70 - 130	
trans-1,3-Dichloropropene	10.0	9.87	99	70 - 130	
1,1,2-Trichloroethane	10.0	9.39	94	70 - 130	
Tetrachloroethene	10.0	9.63	96	70 - 130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70 - 130	
Dibromochloromethane	10.0	10.7	107	70 - 130	
1,2-Dibromoethane	10.0	9.90	99	70 - 130	
Chlorobenzene	10.0	9.62	96	70 - 130	

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Lab Control Sample - Batch: 200-16389

Method: TO-15

Preparation: Summa Canister

Lab Sample ID: LCS 200-16389/3	Analysis Batch: 200-16389	Instrument ID: G.i
Client Matrix: Air	Prep Batch: N/A	Lab File ID: gfgd003.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 200 mL
Analysis Date: 04/11/2011 1125	Units: ppb v/v	Final Weight/Volume: 200 mL
Prep Date: 04/11/2011 1125		Injection Volume: 200 mL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	10.0	9.84	98	70 - 130	
m,p-Xylene	20.0	19.6	98	70 - 130	
Xylene, o-	10.0	9.63	96	70 - 130	
Styrene	10.0	10.6	106	70 - 130	
Bromoform	10.0	11.1	111	70 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.79	98	70 - 130	
4-Ethyltoluene	10.0	10.7	107	70 - 130	
1,3,5-Trimethylbenzene	10.0	10.2	102	70 - 130	
2-Chlorotoluene	10.0	10.5	105	70 - 130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130	
1,3-Dichlorobenzene	10.0	10.3	103	70 - 130	
1,4-Dichlorobenzene	10.0	10.4	104	70 - 130	
1,2-Dichlorobenzene	10.0	9.99	100	70 - 130	
1,2,4-Trichlorobenzene	10.0	10.9	109	70 - 130	
Hexachlorobutadiene	10.0	10.7	107	70 - 130	

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-16379					
LCS 200-16379/3	Lab Control Sample	T	Air	TO-15	
MB 200-16379/4	Method Blank	T	Air	TO-15	
480-3345-3	AS Effluent	T	Air	TO-15	
Analysis Batch:200-16389					
LCS 200-16389/3	Lab Control Sample	T	Air	TO-15	
MB 200-16389/4	Method Blank	T	Air	TO-15	
480-3345-4	LRP Effluent	T	Air	TO-15	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3345-1

Laboratory Chronicle

Lab ID: 480-3345-3

Client ID: AS Effluent

Sample Date/Time: 04/04/2011 07:30

Received Date/Time: 04/05/2011 10:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-3345-A-3		200-16379		04/09/2011 01:30	1	TAL BUR	WRD
A:TO-15	480-3345-A-3		200-16379		04/09/2011 01:30	1	TAL BUR	WRD

Lab ID: 480-3345-4

Client ID: LRP Effluent

Sample Date/Time: 04/04/2011 07:30

Received Date/Time: 04/05/2011 10:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	480-3345-A-4		200-16389		04/11/2011 13:08	158	TAL BUR	WRD
A:TO-15	480-3345-A-4		200-16389		04/11/2011 13:08	158	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 200-16379/4		200-16379		04/08/2011 16:11	1	TAL BUR	WRD
A:TO-15	MB 200-16379/4		200-16379		04/08/2011 16:11	1	TAL BUR	WRD
P:Summa Canister	MB 200-16389/4		200-16389		04/11/2011 12:16	1	TAL BUR	WRD
A:TO-15	MB 200-16389/4		200-16389		04/11/2011 12:16	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 200-16379/3		200-16379		04/08/2011 15:20	1	TAL BUR	WRD
A:TO-15	LCS 200-16379/3		200-16379		04/08/2011 15:20	1	TAL BUR	WRD
P:Summa Canister	LCS 200-16389/3		200-16389		04/11/2011 11:25	1	TAL BUR	WRD
A:TO-15	LCS 200-16389/3		200-16389		04/11/2011 11:25	1	TAL BUR	WRD

Lab References:

TAL BUR = TestAmerica Burlington

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-3345-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington		USDA		P330-11-00093
TestAmerica Burlington	ACCLASS	DoD ELAP	0	ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	Delaware	Delaware DNREC	3	NA
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	Vermont	State Program	1	VT-4000

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.

TO15

**Volatile Organic Compounds in
Ambient Air**

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: gfgc003.d
 Lab ID: LCS 200-16379/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	11.5	115	70-130	
1,2-Dichlorotetrafluoroethane	10.0	11.3	113	70-130	
Chloromethane	10.0	10.9	109	70-130	
Vinyl chloride	10.0	11.0	110	70-130	
1,3-Butadiene	10.0	11.3	113	70-130	
Bromomethane	10.0	9.72	97	70-130	
Chloroethane	10.0	10.1	101	70-130	
Bromoethene (Vinyl Bromide)	10.0	10.5	105	70-130	
Trichlorofluoromethane	10.0	10.7	107	70-130	
Freon TF	10.0	11.2	112	70-130	
1,1-Dichloroethene	10.0	11.3	113	70-130	
Acetone	10.0	11.4	114	70-130	
Isopropyl alcohol	10.0	9.67	97	70-130	
Carbon disulfide	10.0	9.23	92	70-130	
3-Chloropropene	10.0	9.86	99	70-130	
Methylene Chloride	10.0	11.0	110	70-130	
tert-Butyl alcohol	10.0	10.0	100	70-130	
Methyl tert-butyl ether	10.0	11.3	113	70-130	
trans-1,2-Dichloroethene	10.0	10.6	106	70-130	
n-Hexane	10.0	10.4	104	70-130	
1,1-Dichloroethane	10.0	10.5	105	70-130	
Methyl Ethyl Ketone	10.0	10.7	107	70-130	
cis-1,2-Dichloroethene	10.0	10.6	106	70-130	
Chloroform	10.0	10.7	107	70-130	
Tetrahydrofuran	10.0	10.1	101	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	10.1	101	70-130	
Carbon tetrachloride	10.0	10.3	103	70-130	
2,2,4-Trimethylpentane	10.0	10.1	101	70-130	
Benzene	10.0	9.81	98	70-130	
1,2-Dichloroethane	10.0	10.5	105	70-130	
n-Heptane	10.0	9.71	97	70-130	
Trichloroethene	10.0	9.96	100	70-130	
1,2-Dichloropropane	10.0	9.80	98	70-130	
1,4-Dioxane	10.0	7.94	79	70-130	
Bromodichloromethane	10.0	10.8	108	70-130	
cis-1,3-Dichloropropene	10.0	9.98	100	70-130	
methyl isobutyl ketone	10.0	9.97	100	70-130	
Toluene	10.0	9.81	98	70-130	
trans-1,3-Dichloropropene	10.0	10.0	100	70-130	
1,1,2-Trichloroethane	10.0	9.58	96	70-130	
Tetrachloroethene	10.0	9.91	99	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: gfgc003.d
 Lab ID: LCS 200-16379/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	9.85	98	70-130	
Dibromochloromethane	10.0	11.0	110	70-130	
1,2-Dibromoethane	10.0	10.0	100	70-130	
Chlorobenzene	10.0	9.71	97	70-130	
Ethylbenzene	10.0	10.2	102	70-130	
m,p-Xylene	20.0	20.0	100	70-130	
Xylene, o-	10.0	9.95	100	70-130	
Styrene	10.0	10.8	108	70-130	
Bromoform	10.0	11.4	114	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	70-130	
4-Ethyltoluene	10.0	11.1	111	70-130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70-130	
2-Chlorotoluene	10.0	10.7	107	70-130	
1,2,4-Trimethylbenzene	10.0	10.6	106	70-130	
1,3-Dichlorobenzene	10.0	10.4	104	70-130	
1,4-Dichlorobenzene	10.0	10.6	106	70-130	
1,2-Dichlorobenzene	10.0	10.3	103	70-130	
1,2,4-Trichlorobenzene	10.0	9.57	96	70-130	
Hexachlorobutadiene	10.0	11.0	110	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: gfgd003.d
 Lab ID: LCS 200-16389/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	10.5	105	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.4	104	70-130	
Chloromethane	10.0	10.2	102	70-130	
Vinyl chloride	10.0	10.3	103	70-130	
1,3-Butadiene	10.0	10.6	106	70-130	
Bromomethane	10.0	9.65	97	70-130	
Chloroethane	10.0	9.91	99	70-130	
Bromoethene (Vinyl Bromide)	10.0	10.2	103	70-130	
Trichlorofluoromethane	10.0	10.3	103	70-130	
Freon TF	10.0	11.0	110	70-130	
1,1-Dichloroethene	10.0	11.0	110	70-130	
Acetone	10.0	10.3	103	70-130	
Isopropyl alcohol	10.0	9.10	91	70-130	
Carbon disulfide	10.0	9.13	91	70-130	
3-Chloropropene	10.0	9.31	93	70-130	
Methylene Chloride	10.0	10.5	105	70-130	
tert-Butyl alcohol	10.0	9.74	97	70-130	
Methyl tert-butyl ether	10.0	9.93	99	70-130	
trans-1,2-Dichloroethene	10.0	10.2	102	70-130	
n-Hexane	10.0	10.0	100	70-130	
1,1-Dichloroethane	10.0	10.1	101	70-130	
Methyl Ethyl Ketone	10.0	9.51	95	70-130	
cis-1,2-Dichloroethene	10.0	10.3	103	70-130	
Chloroform	10.0	10.1	101	70-130	
Tetrahydrofuran	10.0	9.37	94	70-130	
1,1,1-Trichloroethane	10.0	10.3	103	70-130	
Cyclohexane	10.0	10.2	102	70-130	
Carbon tetrachloride	10.0	10.2	102	70-130	
2,2,4-Trimethylpentane	10.0	10.0	100	70-130	
Benzene	10.0	9.73	97	70-130	
1,2-Dichloroethane	10.0	10.2	102	70-130	
n-Heptane	10.0	9.74	97	70-130	
Trichloroethene	10.0	10.1	101	70-130	
1,2-Dichloropropane	10.0	9.61	96	70-130	
1,4-Dioxane	10.0	8.34	83	70-130	
Bromodichloromethane	10.0	10.6	106	70-130	
cis-1,3-Dichloropropene	10.0	9.73	97	70-130	
methyl isobutyl ketone	10.0	9.96	100	70-130	
Toluene	10.0	9.61	96	70-130	
trans-1,3-Dichloropropene	10.0	9.87	99	70-130	
1,1,2-Trichloroethane	10.0	9.39	94	70-130	
Tetrachloroethene	10.0	9.63	96	70-130	

Column to be used to flag recovery and RPD values

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: gfgd003.d
 Lab ID: LCS 200-16389/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	10.7	107	70-130	
1,2-Dibromoethane	10.0	9.90	99	70-130	
Chlorobenzene	10.0	9.62	96	70-130	
Ethylbenzene	10.0	9.84	98	70-130	
m,p-Xylene	20.0	19.6	98	70-130	
Xylene, o-	10.0	9.63	96	70-130	
Styrene	10.0	10.6	106	70-130	
Bromoform	10.0	11.1	111	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.79	98	70-130	
4-Ethyltoluene	10.0	10.7	107	70-130	
1,3,5-Trimethylbenzene	10.0	10.2	102	70-130	
2-Chlorotoluene	10.0	10.5	105	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
1,3-Dichlorobenzene	10.0	10.3	103	70-130	
1,4-Dichlorobenzene	10.0	10.4	104	70-130	
1,2-Dichlorobenzene	10.0	9.99	100	70-130	
1,2,4-Trichlorobenzene	10.0	10.9	109	70-130	
Hexachlorobutadiene	10.0	10.7	107	70-130	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab File ID: gfgc004.d Lab Sample ID: MB 200-16379/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: G.i Date Analyzed: 04/08/2011 16:11
 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 200-16379/3	gfgc003.d	04/08/2011 15:20
AS Effluent	480-3345-3	gfgc015.d	04/09/2011 01:30

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab File ID: gfgd004.d Lab Sample ID: MB 200-16389/4
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: G.i Date Analyzed: 04/11/2011 12:16
 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 200-16389/3	gfgd003.d	04/11/2011 11:25
LRP Effluent	480-3345-4	gfgd005.d	04/11/2011 13:08

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab File ID: gfg001.d BFB Injection Date: 04/05/2011
 Instrument ID: G.i BFB Injection Time: 11:18
 Analysis Batch No.: 16240

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.2	
75	30.0 - 66.0% of mass 95	42.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.4	(0.5) 1
174	50.0 - 120.0% of mass 95	87.8	
175	4.0 - 9.0 % of mass 174	6.1	(6.9) 1
176	93.0 - 101.0% of mass 174	84.2	(95.8) 1
177	5.0 - 9.0% of mass 176	5.4	(6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-16240/3	gfg003.d	04/05/2011	13:06
	IC 200-16240/4	gfg004.d	04/05/2011	13:57
	IC 200-16240/5	gfg005.d	04/05/2011	14:48
	ICIS 200-16240/6	gfg006.d	04/05/2011	15:39
	IC 200-16240/7	gfg007.d	04/05/2011	16:31
	IC 200-16240/8	gfg008.d	04/05/2011	17:23
	IC 200-16240/9	gfg009.d	04/05/2011	18:15
	ICV 200-16240/11	gfg011.d	04/05/2011	20:00

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab File ID: gfgc001.d BFB Injection Date: 04/08/2011
 Instrument ID: G.i BFB Injection Time: 13:36
 Analysis Batch No.: 16379

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.0
75	30.0 - 66.0% of mass 95	44.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.5 (0.5) 1
174	50.0 - 120.0% of mass 95	83.4
175	4.0 - 9.0 % of mass 174	5.7 (6.8) 1
176	93.0 - 101.0% of mass 174	81.4 (97.6) 1
177	5.0 - 9.0% of mass 176	5.4 (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 200-16379/2	gfgc002.d	04/08/2011	14:28
	LCS 200-16379/3	gfgc003.d	04/08/2011	15:20
	MB 200-16379/4	gfgc004.d	04/08/2011	16:11
AS Effluent	480-3345-3	gfgc015.d	04/09/2011	01:30

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab File ID: gfgd001.d BFB Injection Date: 04/11/2011
 Instrument ID: G.i BFB Injection Time: 09:40
 Analysis Batch No.: 16389

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	43.4
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	0.4 (0.5) 1
174	50.0 - 120.0% of mass 95	83.8
175	4.0 - 9.0 % of mass 174	5.6 (6.7) 1
176	93.0 - 101.0% of mass 174	81.1 (96.8) 1
177	5.0 - 9.0% of mass 176	5.4 (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 200-16389/2	gfgd002.d	04/11/2011	10:33
	LCS 200-16389/3	gfgd003.d	04/11/2011	11:25
	MB 200-16389/4	gfgd004.d	04/11/2011	12:16
LRP Effluent	480-3345-4	gfgd005.d	04/11/2011	13:08

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Sample No.: ICIS 200-16240/6 Date Analyzed: 04/05/2011 15:39
 Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): gfg006.d Heated Purge: (Y/N) N
 Calibration ID: 5742

	BCM		DFB		CBZ	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	397360	9.51	1772330	10.91	1653242	15.03
UPPER LIMIT	556304	9.84	2481262	11.24	2314539	15.36
LOWER LIMIT	238416	9.18	1063398	10.58	991945	14.70
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-16240/11	374322	9.51	1474118	10.91	1453734	15.03

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Sample No.: CCVIS 200-16379/2 Date Analyzed: 04/08/2011 14:28
 Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): gfgc002.d Heated Purge: (Y/N) N
 Calibration ID: 5742

	BCM		DFB		CBZ		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	312468	9.51	1430155	10.91	1328235	15.03	
UPPER LIMIT	437455	9.84	2002217	11.24	1859529	15.36	
LOWER LIMIT	187481	9.18	858093	10.58	796941	14.70	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-16379/3	314558	9.51	1428946	10.91	1328121	15.03	
MB 200-16379/4	305880	9.50	1475570	10.91	1228929	15.03	
480-3345-3	AS Effluent	335243	9.50	1493192	10.91	1374578	15.03

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Sample No.: CCVIS 200-16389/2 Date Analyzed: 04/11/2011 10:33
 Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): gfgd002.d Heated Purge: (Y/N) N
 Calibration ID: 5742

	BCM		DFB		CBZ			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	346114	9.50	1467100	10.91	1384427	15.03		
UPPER LIMIT	484560	9.83	2053940	11.24	1938198	15.36		
LOWER LIMIT	207668	9.17	880260	10.58	830656	14.70		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 200-16389/3			345107	9.50	1485285	10.91	1389807	15.03
MB 200-16389/4			334523	9.50	1594345	10.90	1346077	15.03
480-3345-4	LRP Effluent		348737	9.50	1592580	10.91	1402736	15.03

BCM = Bromochloromethane
 DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
 RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-3345-3
 Matrix: Air Lab File ID: gfgc015.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 200 (mL) Date Analyzed: 04/09/2011 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16379 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	0.51		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	0.54		0.50	0.50
75-01-4	Vinyl chloride	62.50	1.3		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	13		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	0.78		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	0.25		0.20	0.20
110-54-3	n-Hexane	86.17	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	2.3		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	1.8		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	2.0		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	0.44		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-3345-3
 Matrix: Air Lab File ID: gfgc015.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 200 (mL) Date Analyzed: 04/09/2011 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16379 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	1.2		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	0.32		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	0.47		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-3345-3
 Matrix: Air Lab File ID: gfgc015.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 200 (mL) Date Analyzed: 04/09/2011 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16379 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	2.5		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		1.4	1.4
74-87-3	Chloromethane	50.49	1.1		1.0	1.0
75-01-4	Vinyl chloride	62.50	3.3		0.51	0.51
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-00-3	Chloroethane	64.52	33		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	1.1
76-13-1	Freon TF	187.38	ND		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
67-64-1	Acetone	58.08	ND		12	12
67-63-0	Isopropyl alcohol	60.10	ND		12	12
75-15-0	Carbon disulfide	76.14	2.4		1.6	1.6
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	0.97		0.79	0.79
110-54-3	n-Hexane	86.17	ND		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	9.2		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	7.1		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	8.1		0.79	0.79
67-66-3	Chloroform	119.38	ND		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	ND		15	15
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
71-43-2	Benzene	78.11	ND		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
142-82-5	n-Heptane	100.21	ND		0.82	0.82
79-01-6	Trichloroethene	131.39	2.4		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: AS Effluent Lab Sample ID: 480-3345-3
 Matrix: Air Lab File ID: gfgc015.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 200 (mL) Date Analyzed: 04/09/2011 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16379 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	4.5		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	1.4		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	2.8		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-3345-3
 Client Smp ID: AS Effluent
 Inj Date : 09-APR-2011 01:30
 Operator : wrd
 Smp Info : 480-3345-A-3
 Misc Info : 200,1,tol5all
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgcto15.b/tol5v5.m
 Meth Date : 08-Apr-2011 14:53 wrd
 Cal Date : 05-APR-2011 18:15
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: G.i
 Quant Type: ISTD
 Cal File: gfg009.d
 Compound Sublist: TO15all.sub

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	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ppb v/v)	(ppb v/v)
=====	====		==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		3.154	3.155	(0.332)	25245	0.50898	0.51
4 1,2-Dichloro-1,1,2,2-tetraflu	85		Compound Not Detected.					
5 Chloromethane	50		3.502	3.497	(0.368)	4649	0.53741	0.54
7 Vinyl chloride	62		3.711	3.711	(0.390)	15585	1.30781	1.3
8 1,3-Butadiene	54		Compound Not Detected.					
9 Bromomethane	94		Compound Not Detected.					
10 Chloroethane	64		4.658	4.658	(0.490)	115823	12.5876	13
12 Vinyl bromide	106		Compound Not Detected.					
13 Trichlorofluoromethane	101		5.150	5.145	(0.542)	21152	0.23624	0.24
17 1,1,2-Trichloro-1,2,2-trifluo	101		6.118	6.124	(0.644)	5136	0.07995	0.080(a)
19 1,1-Dichloroethene	96		Compound Not Detected.					
20 Acetone	43		6.354	6.348	(0.668)	35324	1.41720	1.4(a)
21 Carbon disulfide	76		6.594	6.600	(0.694)	67526	0.78094	0.78
22 Isopropanol	45		6.562	6.557	(0.690)	32160	1.91233	1.9(a)
23 Allyl chloride	41		Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
25 Methylene chloride	49	7.119	7.124	(0.749)	3176	0.14485	0.14(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 Methyl tert-butyl ether	73	Compound Not Detected.					
28 1,2-Dichloroethene (trans)	61	7.514	7.520	(0.791)	8474	0.24569	0.25
30 n-Hexane	57	7.841	7.846	(0.825)	2209	0.07608	0.076(aM)
31 1,1-Dichloroethane	63	8.253	8.253	(0.868)	96736	2.28394	2.3
M 33 1,2-Dichloroethene,Total	61				63684	2.04338	2.0
34 1,2-Dichloroethene (cis)	96	9.141	9.141	(0.962)	55210	1.79769	1.8
36 Methyl Ethyl Ketone	72	9.157	9.146	(0.963)	2550	0.28036	0.28(aQM)
* 37 Bromochloromethane	128	9.505	9.510	(1.000)	335243	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	9.836	9.836	(0.902)	14592	0.18994	0.19(a)
42 Carbon tetrachloride	117	10.034	10.040	(0.920)	6992	0.07727	0.077(a)
43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
44 Benzene	78	10.366	10.366	(0.950)	12932	0.16762	0.17(a)
45 1,2-Dichloroethane	62	Compound Not Detected.					
46 n-Heptane	43	Compound Not Detected.					
* 47 1,4-Difluorobenzene	114	10.906	10.912	(1.000)	1493192	10.0000	
49 Trichloroethene	95	11.265	11.270	(1.033)	19826	0.44443	0.44
50 1,2-Dichloropropane	63	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	13.062	13.068	(0.869)	66864	1.18880	1.2
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	15.031	15.031	(1.000)	1374578	10.0000	
66 Chlorobenzene	112	Compound Not Detected.					
68 Ethylbenzene	91	15.143	15.143	(1.007)	10033	0.08111	0.081(a)
69 Xylene (m,p)	106	15.293	15.298	(1.017)	10141	0.20655	0.21(a)
M 70 Xylenes, Total	106				15843	0.31712	0.32
71 Xylene (o)	106	15.812	15.812	(1.052)	5702	0.11057	0.11(aQ)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	5122	0.04174	0.042(a)
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	20773	0.16969	0.17(a)
87 1,3-Dichlorobenzene	146	17.743	17.749	(1.180)	39921	0.46998	0.47
88 1,4-Dichlorobenzene	146	Compound Not Detected.					

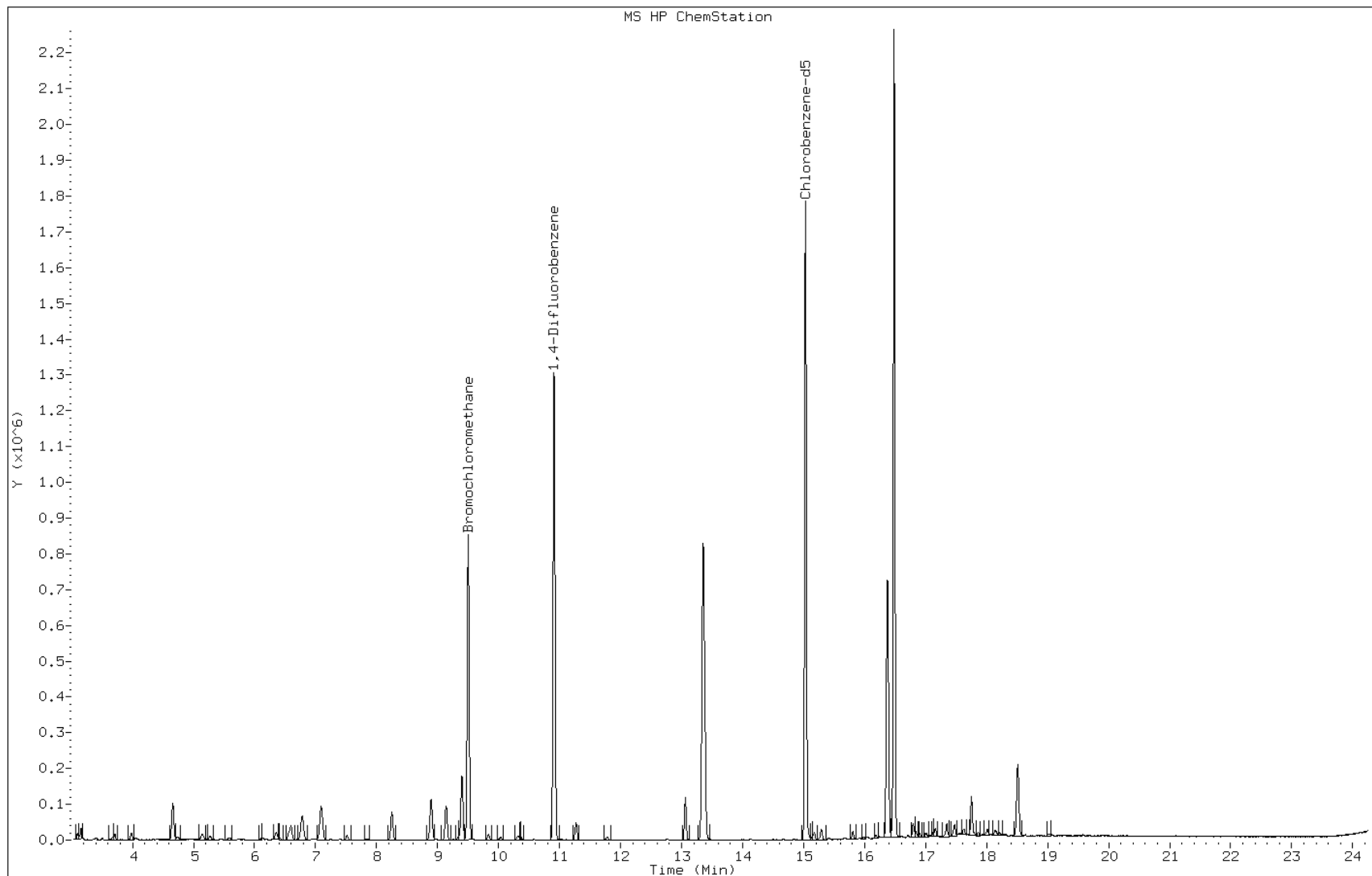
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
-----	----	==	-----	-----	-----	-----	
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		

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: gfgc015.d
Client ID: AS Effluent
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-3345-A-3
Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

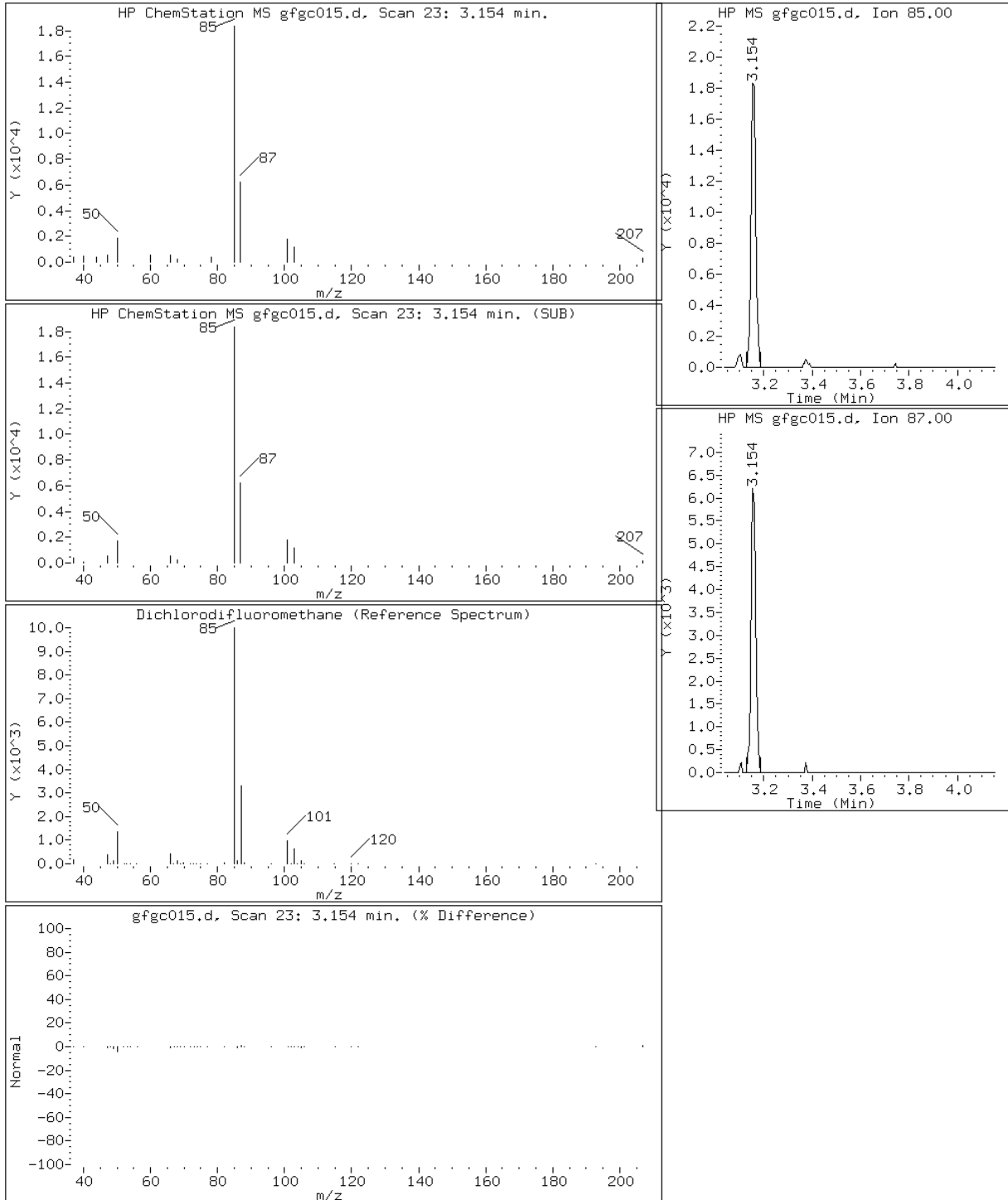
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

2 Dichlorodifluoromethane



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

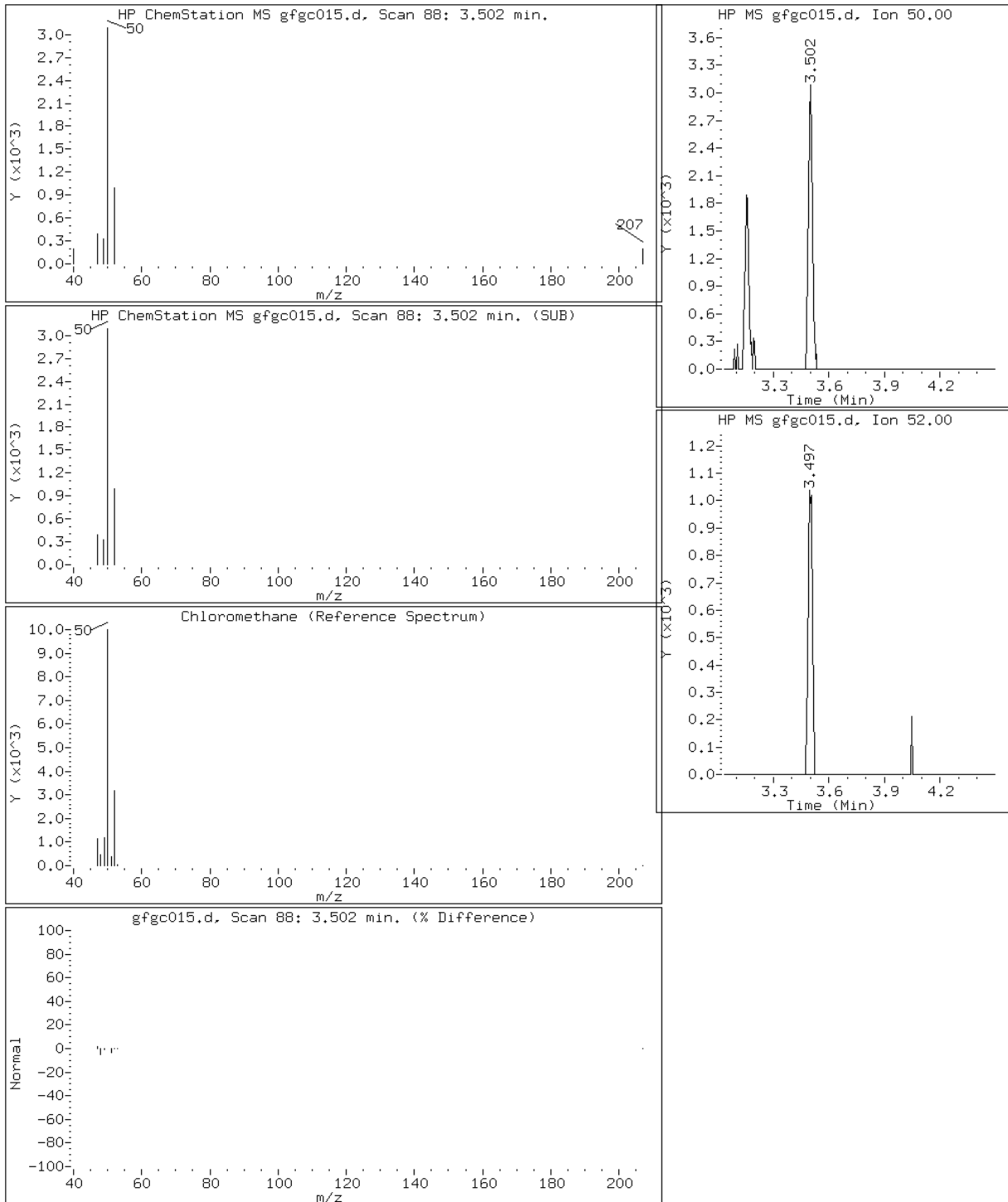
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

5 Chloromethane



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

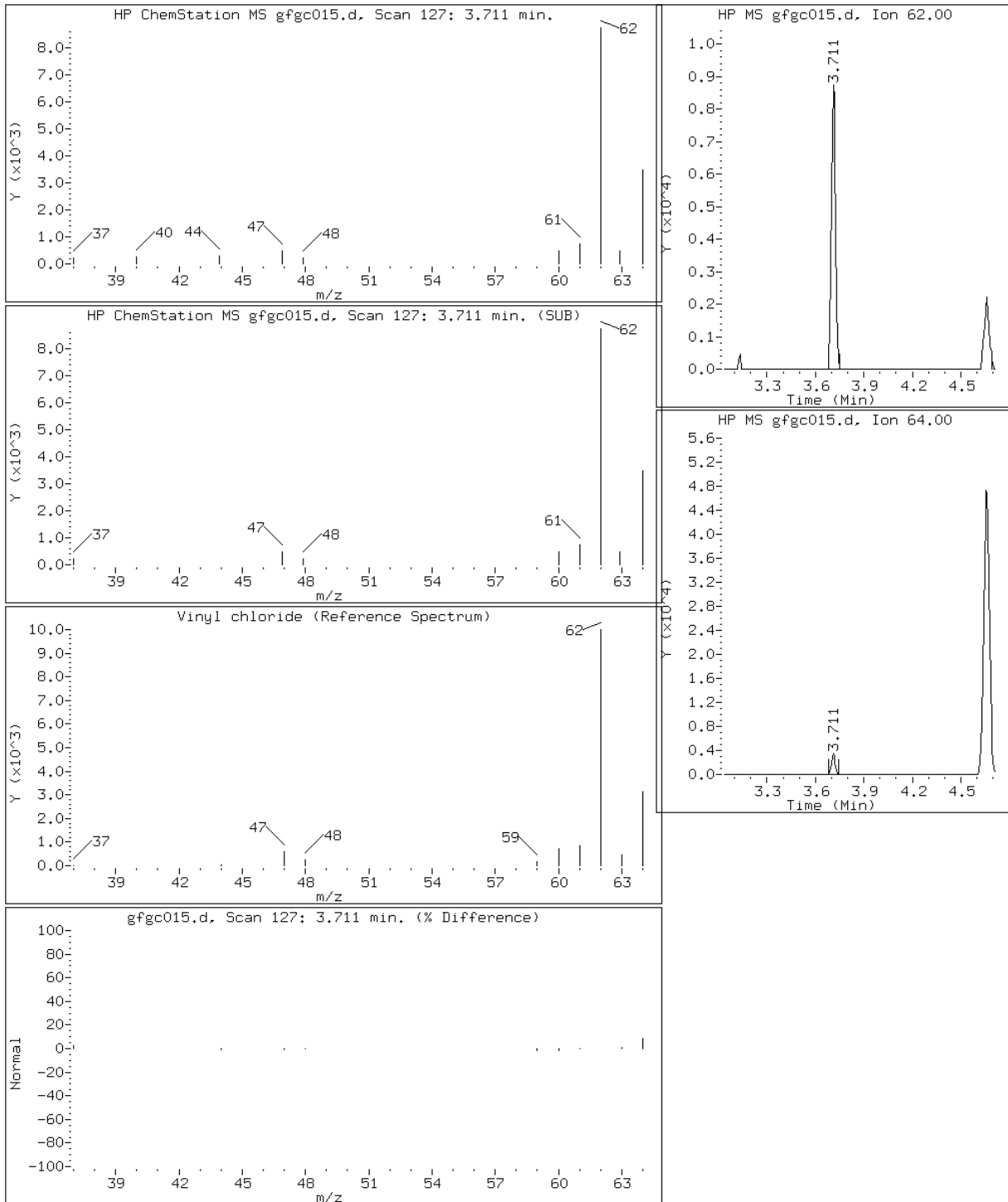
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

7 Vinyl chloride



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

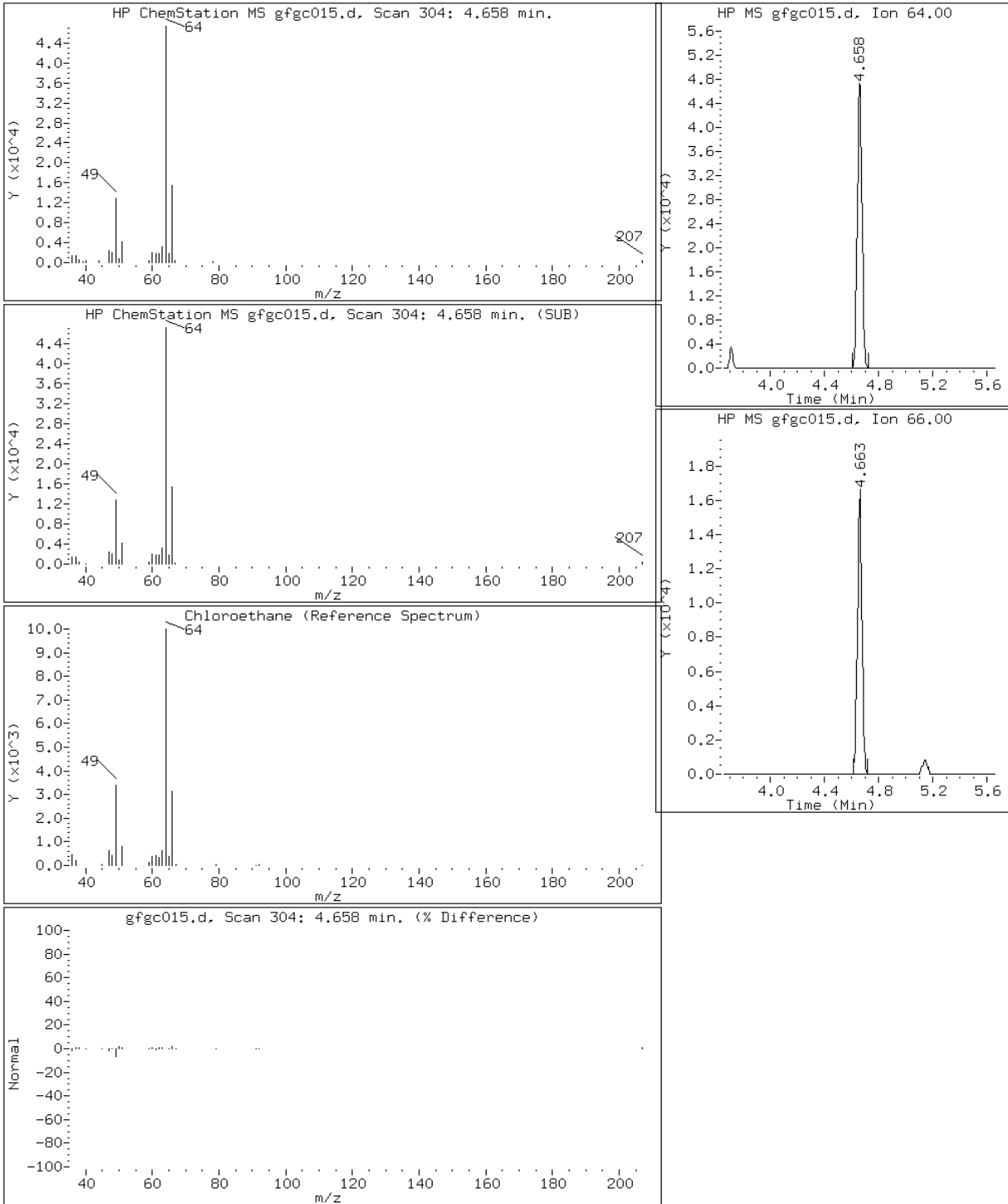
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

10 Chloroethane



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

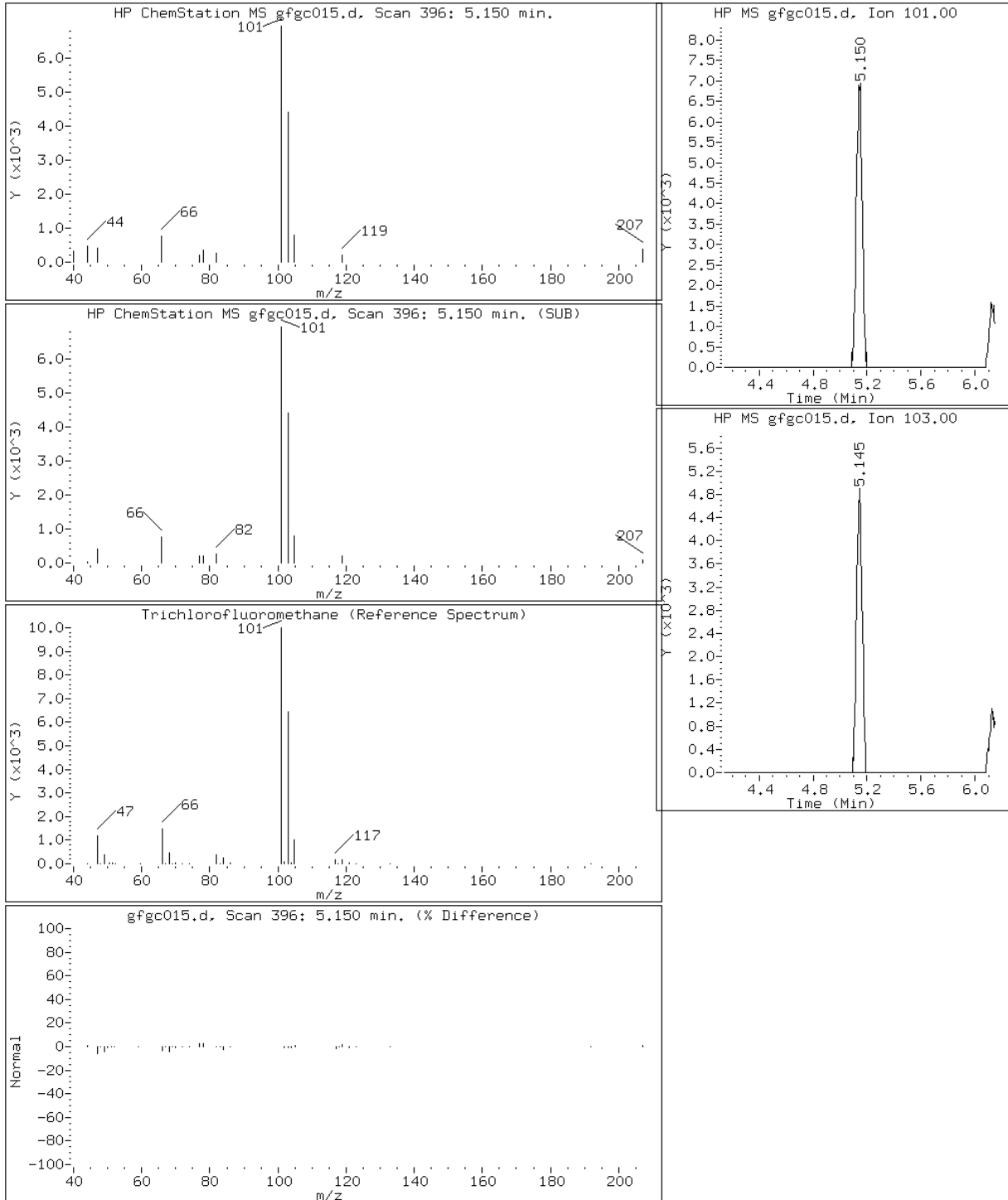
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

13 Trichlorofluoromethane



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

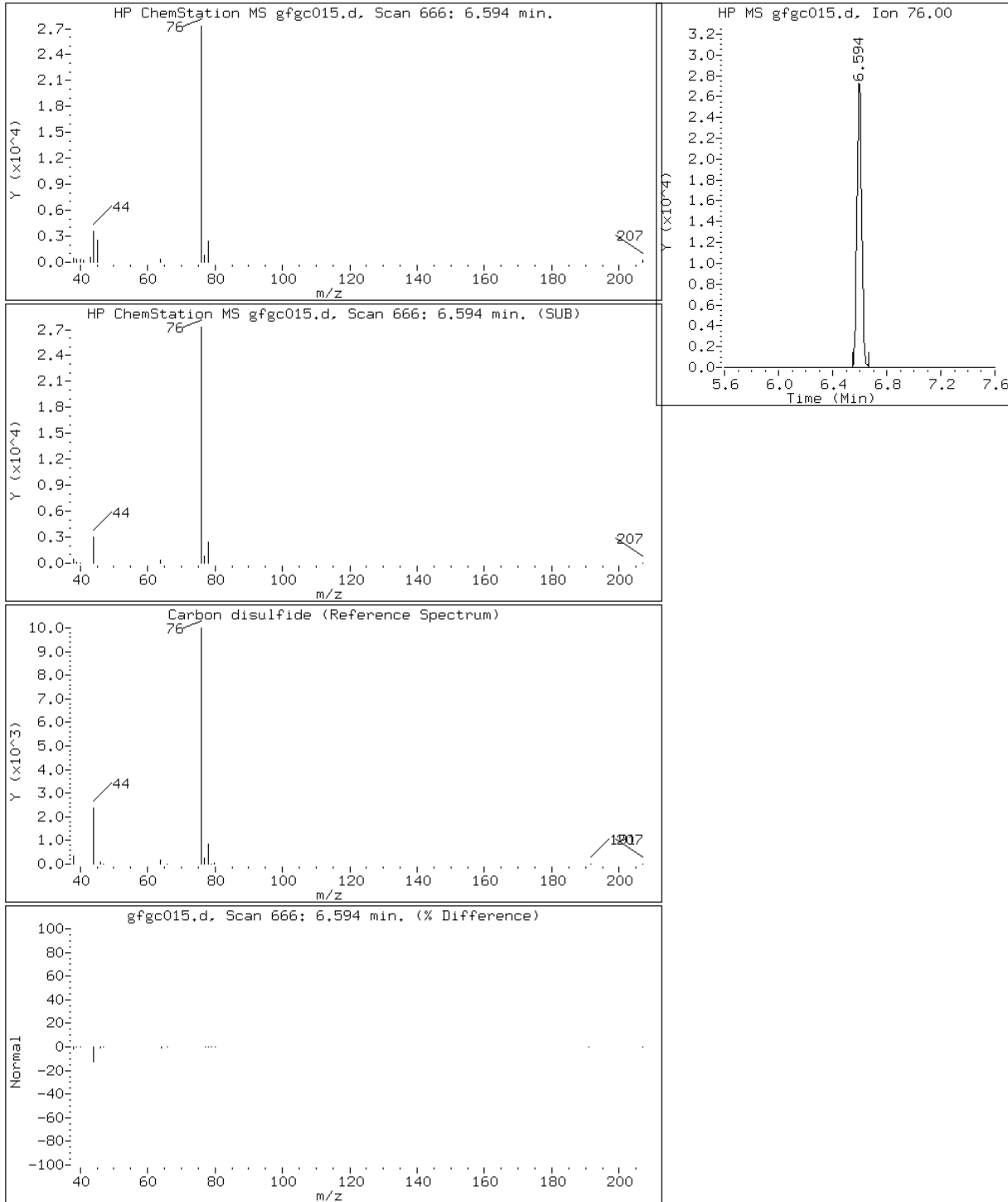
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

21 Carbon disulfide



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

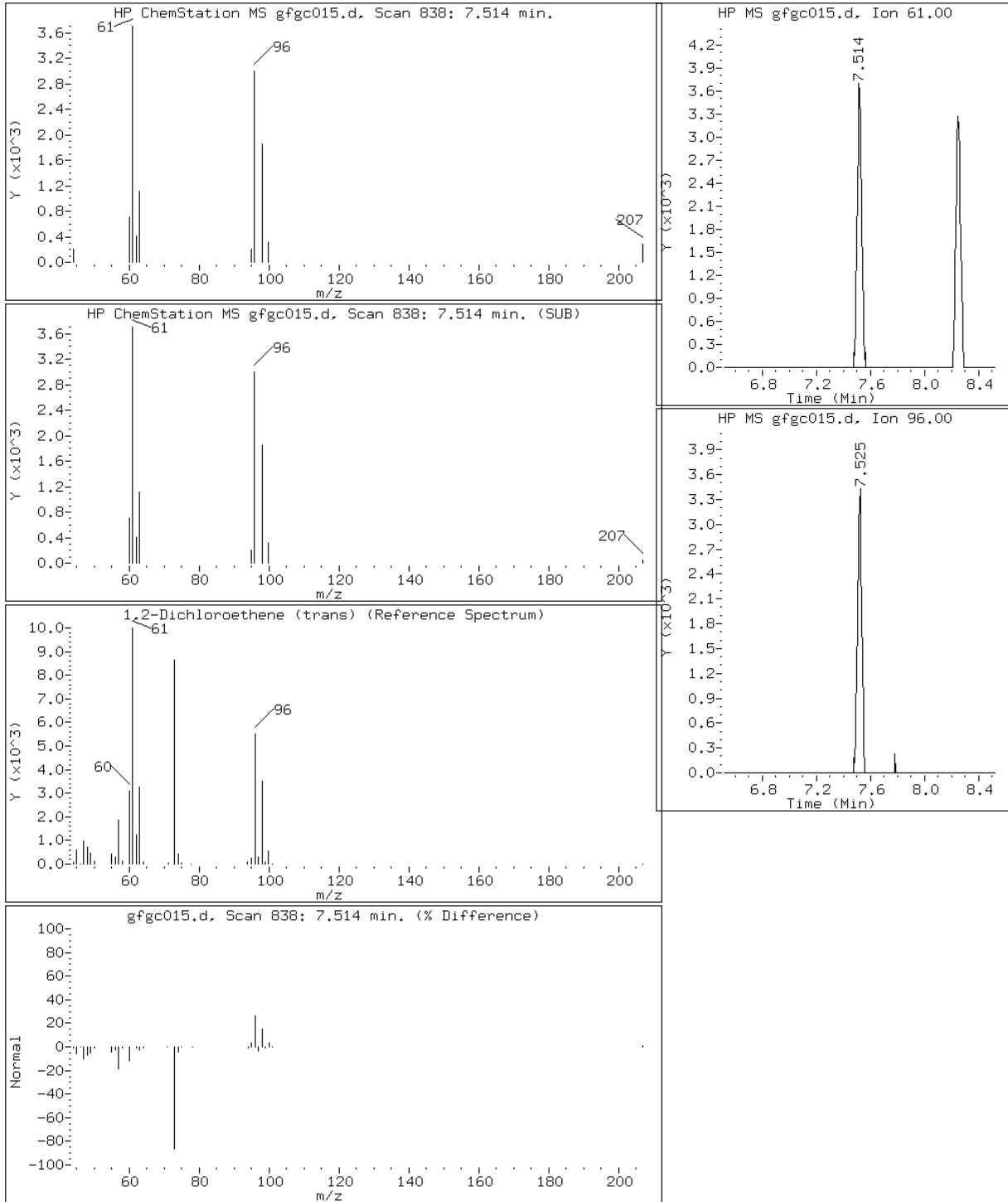
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

28 1,2-Dichloroethene (trans)



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

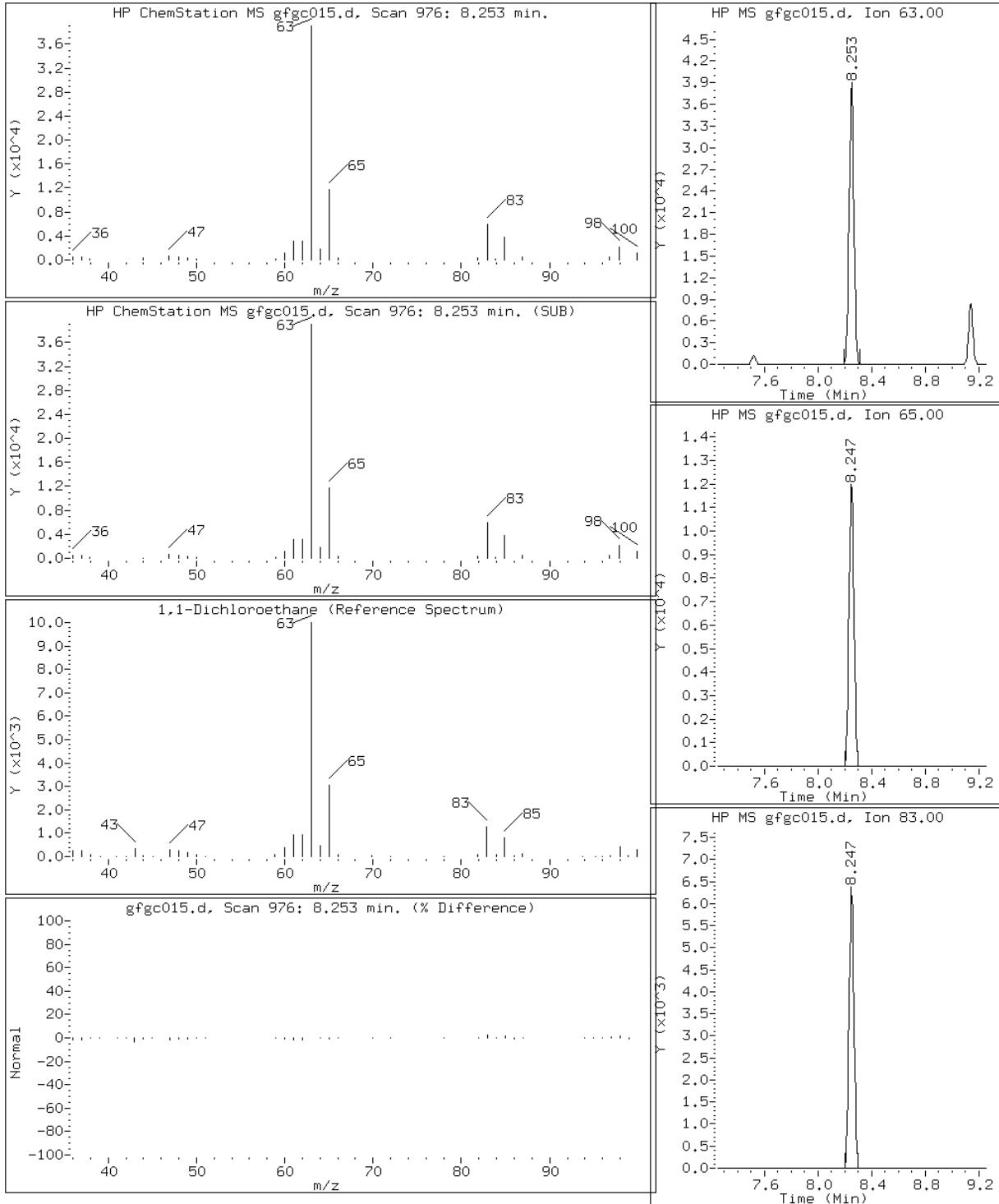
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

31 1,1-Dichloroethane



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

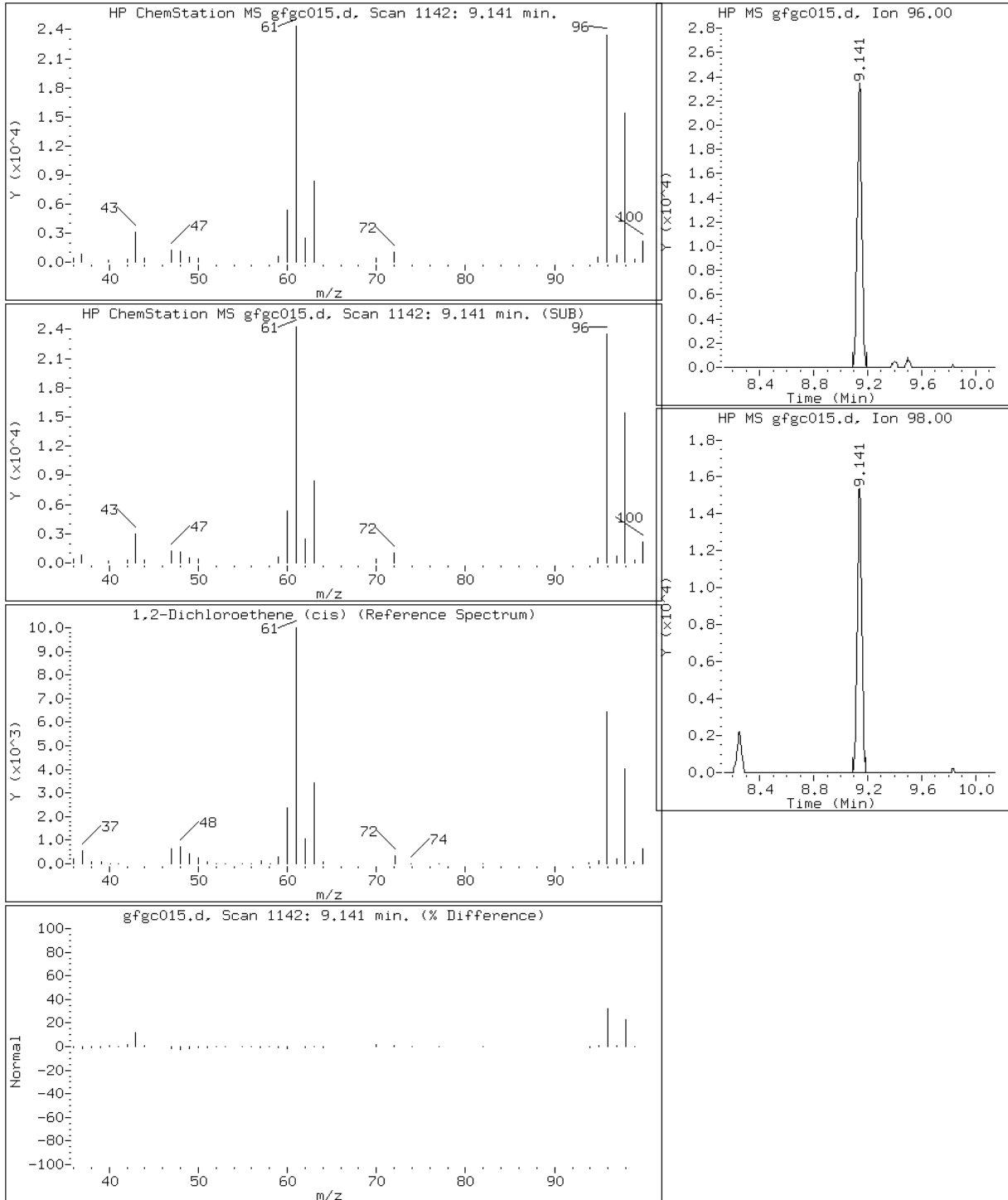
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

34 1,2-Dichloroethene (cis)



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

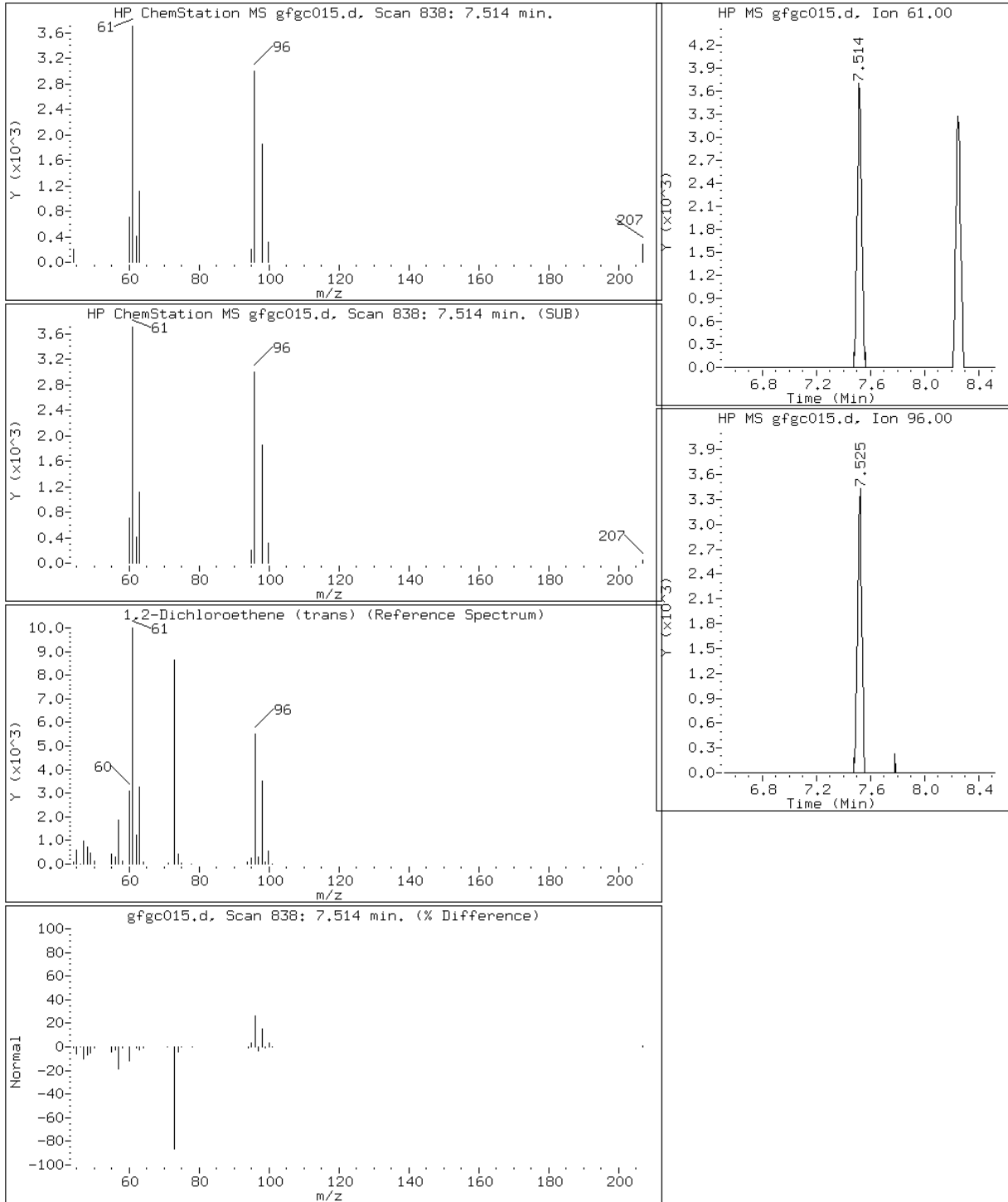
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

28 1,2-Dichloroethene (trans)



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

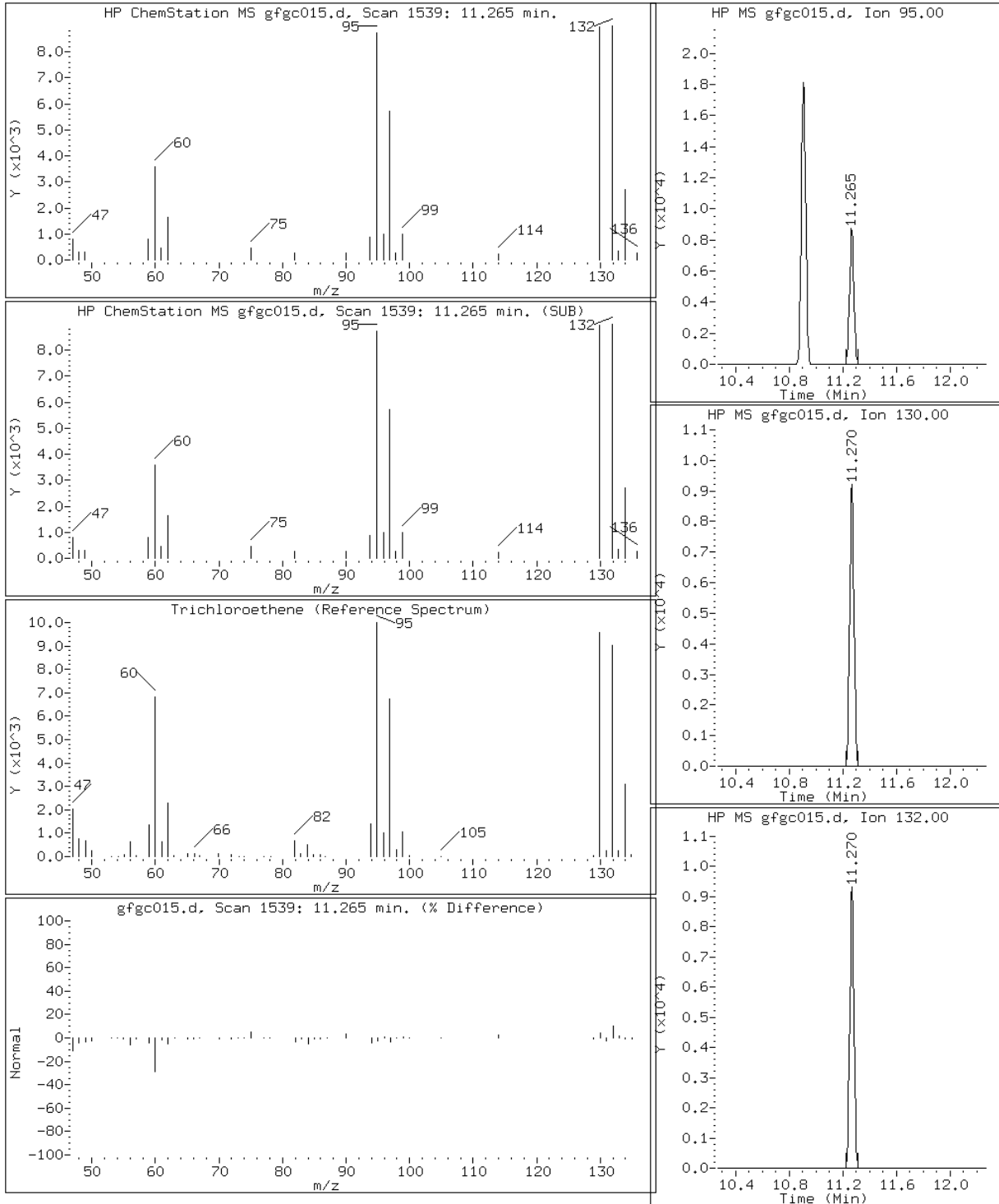
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

49 Trichloroethene



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

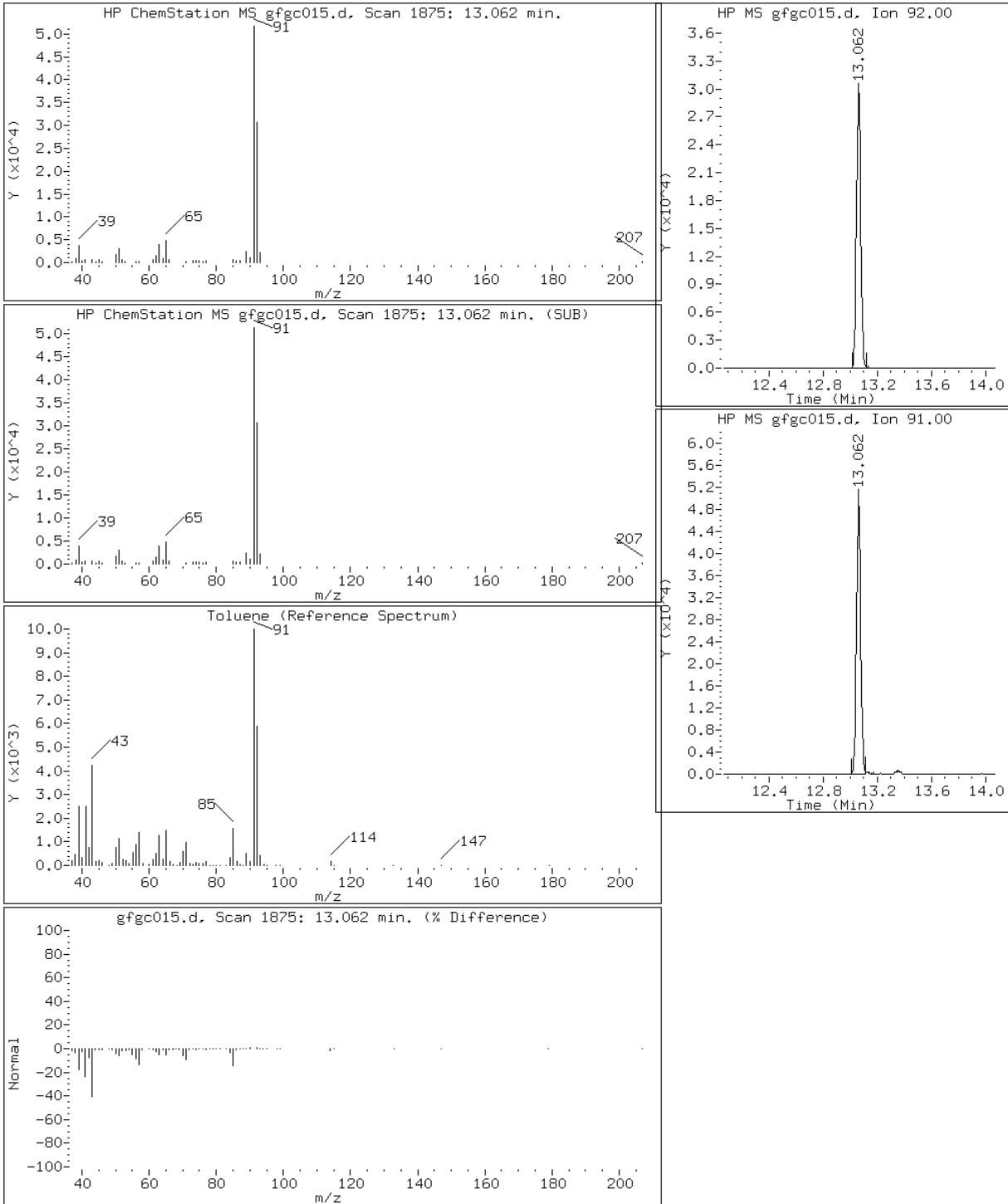
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

58 Toluene



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

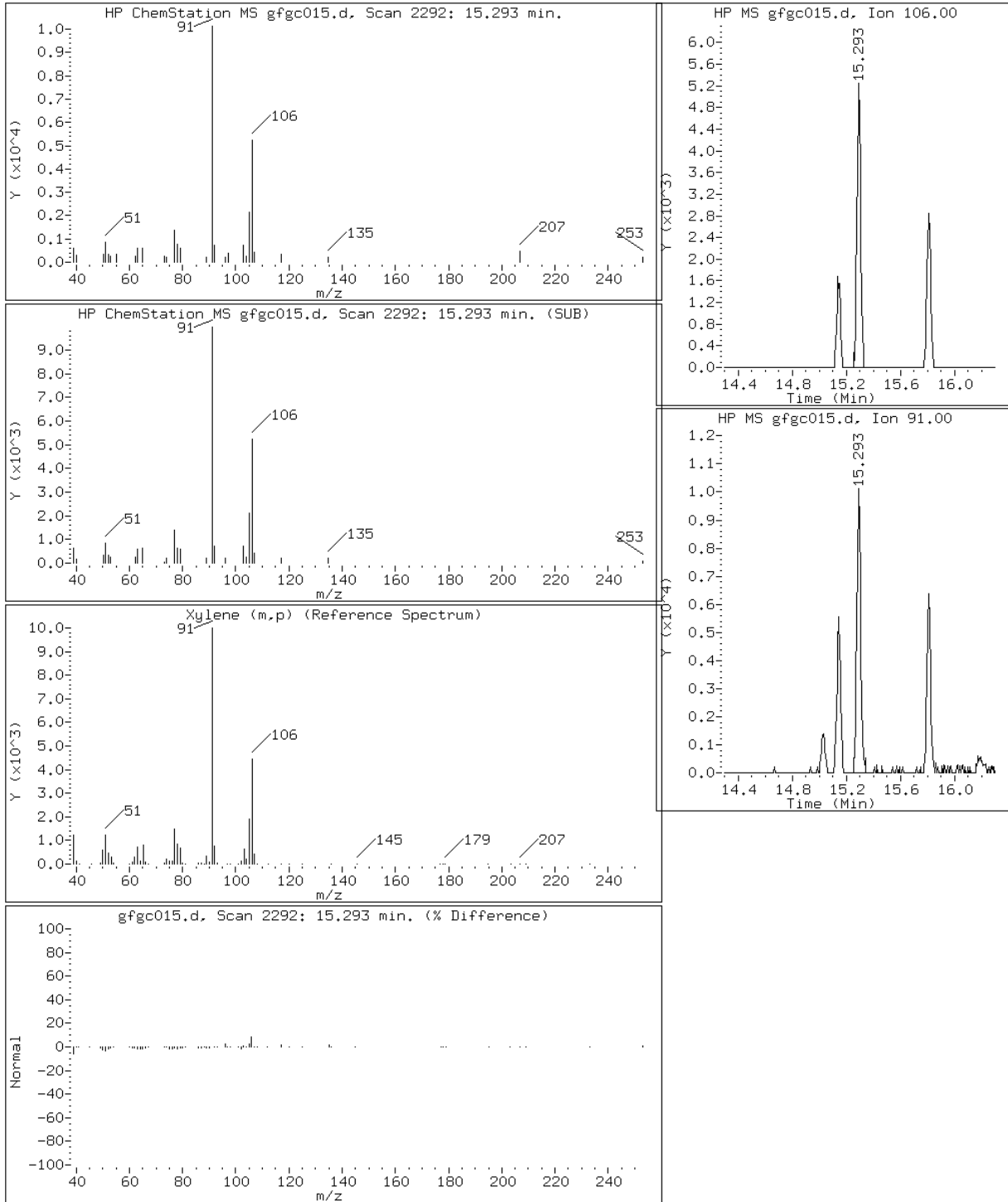
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

69 Xylene (m,p)



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

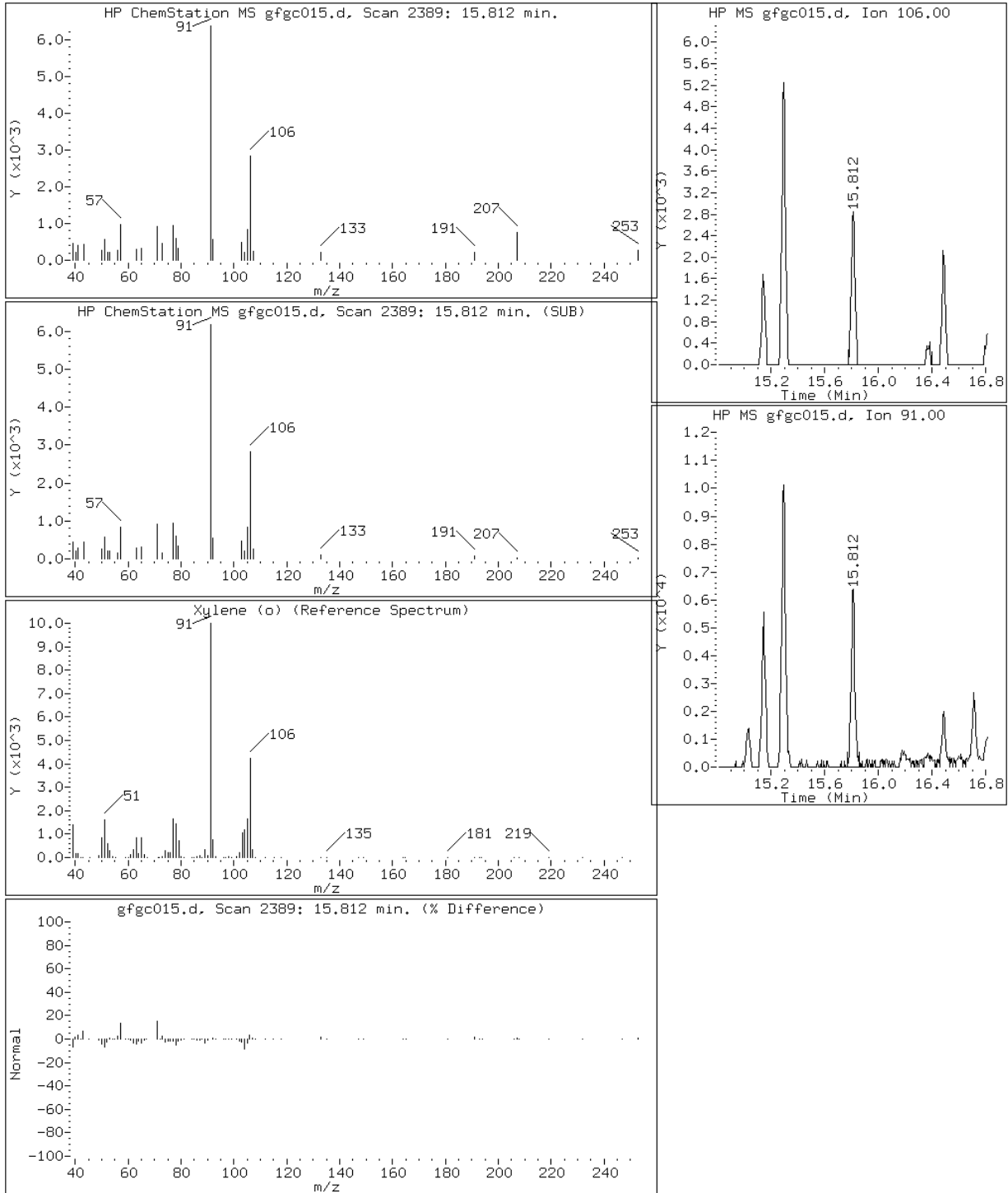
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

71 Xylene (o)



Data File: gfgc015.d

Lab Sample ID: 480-3345-3

Date: 09-APR-2011 01:30

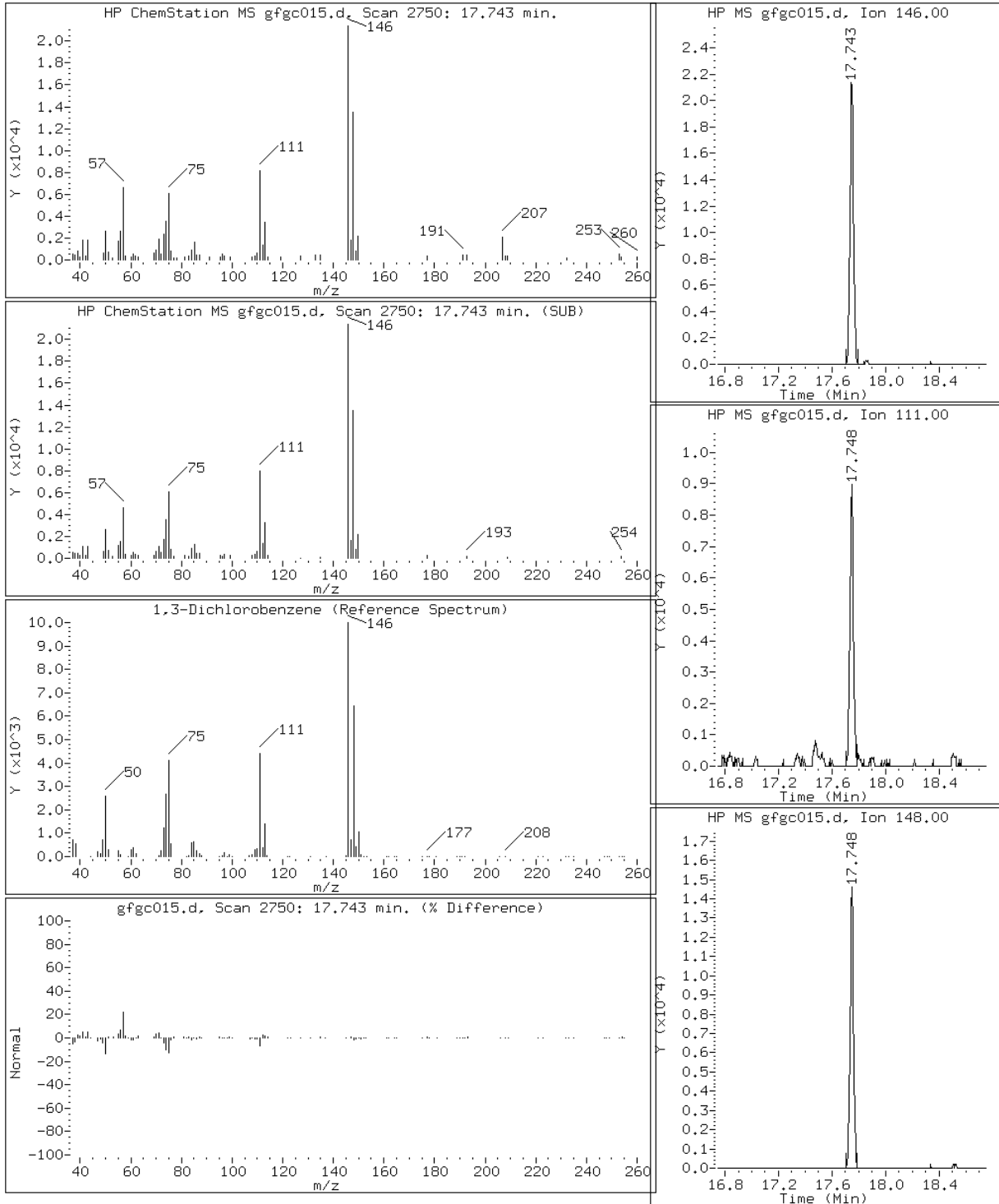
Client ID: AS Effluent

Instrument: G.i

Sample Info: 480-3345-A-3

Operator: wrd

87 1,3-Dichlorobenzene

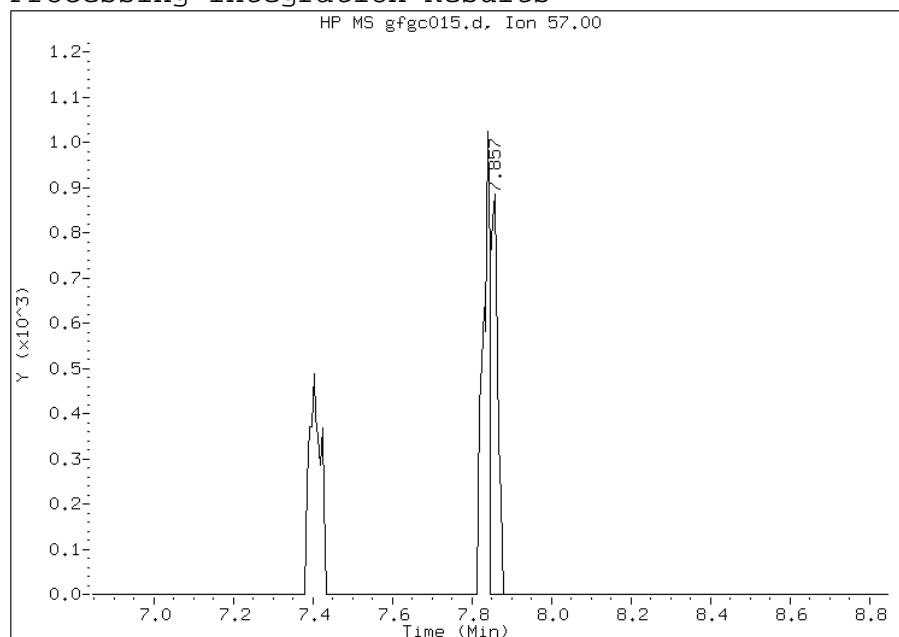


Manual Integration Report

Data File: gfgc015.d
Lab Sample ID: 480-3345-3
Inj. Date and Time: 09-APR-2011 01:30
Instrument ID: G.i
Client ID: AS Effluent
Compound: 30 n-Hexane
CAS #: 110-54-3
Report Date: 04/12/2011

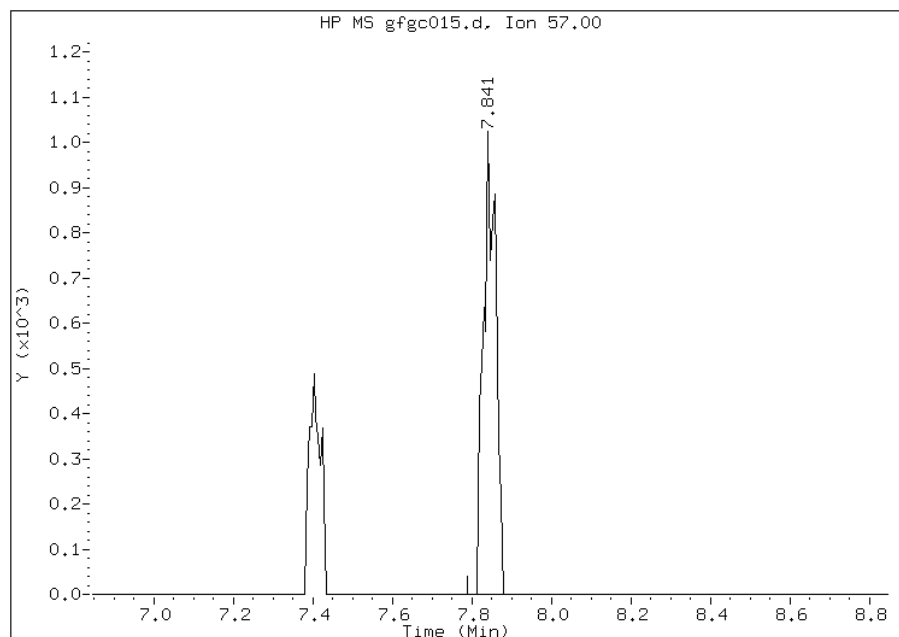
Processing Integration Results

RT: 7.86
Response: 1191
Amount: 0.041009
Conc: 0.041009



Manual Integration Results

RT: 7.84
Response: 2209
Amount: 0.076084
Conc: 0.076084



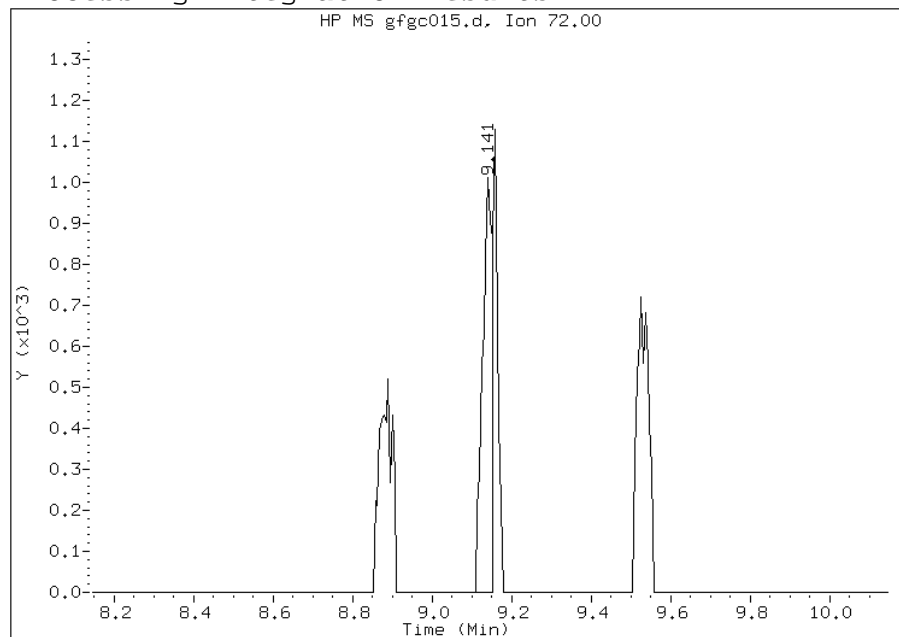
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfgc015.d
Lab Sample ID: 480-3345-3
Inj. Date and Time: 09-APR-2011 01:30
Instrument ID: G.i
Client ID: AS Effluent
Compound: 36 Methyl Ethyl Ketone
CAS #: 78-93-3
Report Date: 04/12/2011

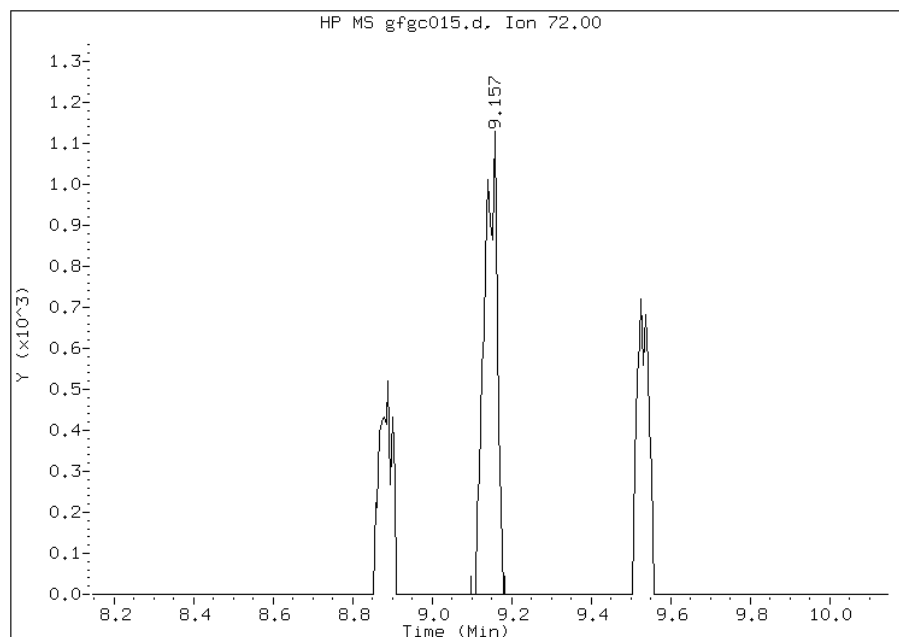
Processing Integration Results

RT: 9.14
Response: 1694
Amount: 0.186231
Conc: 0.186231



Manual Integration Results

RT: 9.16
Response: 2550
Amount: 0.280360
Conc: 0.280360



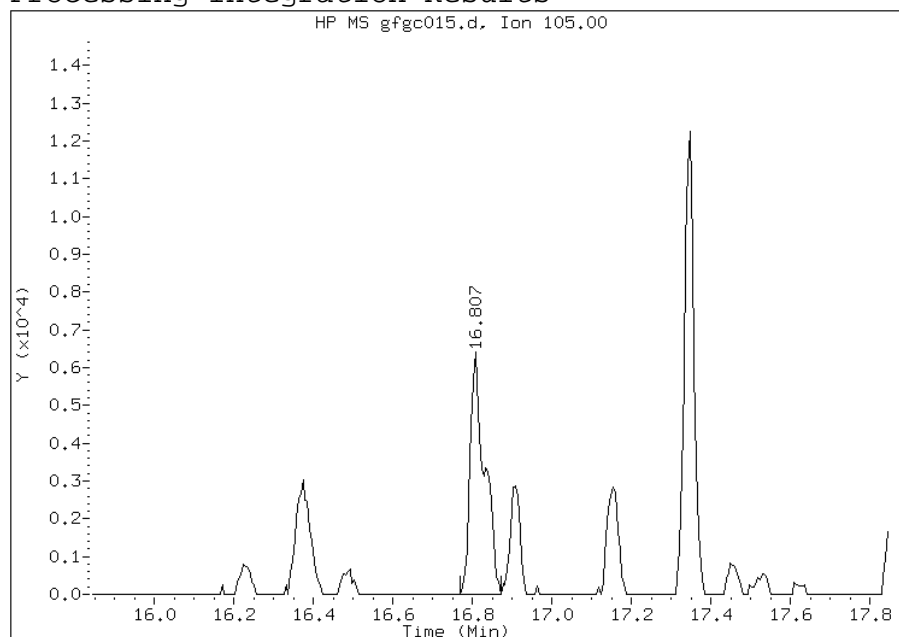
File Uploaded By: wrd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: gfgc015.d
Lab Sample ID: 480-3345-3
Inj. Date and Time: 09-APR-2011 01:30
Instrument ID: G.i
Client ID: AS Effluent
Compound: 79 4-Ethyltoluene
CAS #: 622-96-8
Report Date: 04/12/2011

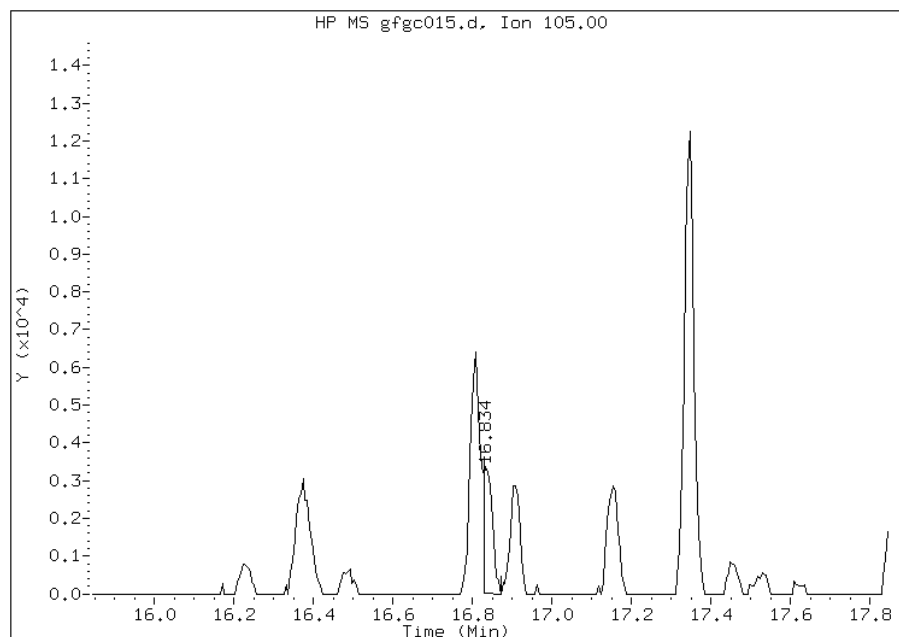
Processing Integration Results

RT: 16.81
Response: 16204
Amount: 0.114039
Conc: 0.114039



Manual Integration Results

RT: 16.83
Response: 5238
Amount: 0.036865
Conc: 0.036865



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.: 480-3345-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-3345-4
 Matrix: Air Lab File ID: gfgd005.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 50 (mL) Date Analyzed: 04/11/2011 13:08
 Soil Aliquot Vol: _____ Dilution Factor: 158
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		79	79
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		32	32
74-87-3	Chloromethane	50.49	ND		79	79
75-01-4	Vinyl chloride	62.50	360		32	32
106-99-0	1,3-Butadiene	54.09	ND		32	32
74-83-9	Bromomethane	94.94	ND		32	32
75-00-3	Chloroethane	64.52	ND		79	79
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		32	32
75-69-4	Trichlorofluoromethane	137.37	ND		32	32
76-13-1	Freon TF	187.38	ND		32	32
75-35-4	1,1-Dichloroethene	96.94	35		32	32
67-64-1	Acetone	58.08	ND		790	790
67-63-0	Isopropyl alcohol	60.10	ND		790	790
75-15-0	Carbon disulfide	76.14	ND		79	79
107-05-1	3-Chloropropene	76.53	ND		79	79
75-09-2	Methylene Chloride	84.93	ND		79	79
75-65-0	tert-Butyl alcohol	74.12	ND		790	790
1634-04-4	Methyl tert-butyl ether	88.15	ND		32	32
156-60-5	trans-1,2-Dichloroethene	96.94	ND		32	32
110-54-3	n-Hexane	86.17	ND		32	32
75-34-3	1,1-Dichloroethane	98.96	160		32	32
78-93-3	Methyl Ethyl Ketone	72.11	ND		79	79
156-59-2	cis-1,2-Dichloroethene	96.94	5100		32	32
540-59-0	1,2-Dichloroethene, Total	96.94	5200		32	32
67-66-3	Chloroform	119.38	ND		32	32
109-99-9	Tetrahydrofuran	72.11	ND		790	790
71-55-6	1,1,1-Trichloroethane	133.41	70		32	32
110-82-7	Cyclohexane	84.16	ND		32	32
56-23-5	Carbon tetrachloride	153.81	ND		32	32
540-84-1	2,2,4-Trimethylpentane	114.23	ND		32	32
71-43-2	Benzene	78.11	ND		32	32
107-06-2	1,2-Dichloroethane	98.96	ND		32	32
142-82-5	n-Heptane	100.21	ND		32	32
79-01-6	Trichloroethene	131.39	5500		32	32
78-87-5	1,2-Dichloropropane	112.99	ND		32	32

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-3345-4
 Matrix: Air Lab File ID: gfgd005.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 50 (mL) Date Analyzed: 04/11/2011 13:08
 Soil Aliquot Vol: _____ Dilution Factor: 158
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		790	790
75-27-4	Bromodichloromethane	163.83	ND		32	32
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		32	32
108-10-1	methyl isobutyl ketone	100.16	ND		79	79
108-88-3	Toluene	92.14	ND		32	32
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		32	32
79-00-5	1,1,2-Trichloroethane	133.41	ND		32	32
127-18-4	Tetrachloroethene	165.83	ND		32	32
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		79	79
124-48-1	Dibromochloromethane	208.29	ND		32	32
106-93-4	1,2-Dibromoethane	187.87	ND		32	32
108-90-7	Chlorobenzene	112.30	ND		32	32
100-41-4	Ethylbenzene	106.17	ND		32	32
179601-23-1	m,p-Xylene	106.17	ND		79	79
95-47-6	Xylene, o-	106.17	ND		32	32
1330-20-7	Xylene (total)	106.17	ND		32	32
100-42-5	Styrene	104.15	ND		32	32
75-25-2	Bromoform	252.75	ND		32	32
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		32	32
622-96-8	4-Ethyltoluene	120.20	ND		32	32
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		32	32
95-49-8	2-Chlorotoluene	126.59	ND		32	32
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		32	32
541-73-1	1,3-Dichlorobenzene	147.00	ND		32	32
106-46-7	1,4-Dichlorobenzene	147.00	ND		32	32
95-50-1	1,2-Dichlorobenzene	147.00	ND		32	32
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		79	79
87-68-3	Hexachlorobutadiene	260.76	ND		32	32

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-3345-4
 Matrix: Air Lab File ID: gfgd005.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 50 (mL) Date Analyzed: 04/11/2011 13:08
 Soil Aliquot Vol: _____ Dilution Factor: 158
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		390	390
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		220	220
74-87-3	Chloromethane	50.49	ND		160	160
75-01-4	Vinyl chloride	62.50	920		81	81
106-99-0	1,3-Butadiene	54.09	ND		70	70
74-83-9	Bromomethane	94.94	ND		120	120
75-00-3	Chloroethane	64.52	ND		210	210
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		140	140
75-69-4	Trichlorofluoromethane	137.37	ND		180	180
76-13-1	Freon TF	187.38	ND		240	240
75-35-4	1,1-Dichloroethene	96.94	140		130	130
67-64-1	Acetone	58.08	ND		1900	1900
67-63-0	Isopropyl alcohol	60.10	ND		1900	1900
75-15-0	Carbon disulfide	76.14	ND		250	250
107-05-1	3-Chloropropene	76.53	ND		250	250
75-09-2	Methylene Chloride	84.93	ND		270	270
75-65-0	tert-Butyl alcohol	74.12	ND		2400	2400
1634-04-4	Methyl tert-butyl ether	88.15	ND		110	110
156-60-5	trans-1,2-Dichloroethene	96.94	ND		130	130
110-54-3	n-Hexane	86.17	ND		110	110
75-34-3	1,1-Dichloroethane	98.96	650		130	130
78-93-3	Methyl Ethyl Ketone	72.11	ND		230	230
156-59-2	cis-1,2-Dichloroethene	96.94	20000		130	130
540-59-0	1,2-Dichloroethene, Total	96.94	20000		130	130
67-66-3	Chloroform	119.38	ND		150	150
109-99-9	Tetrahydrofuran	72.11	ND		2300	2300
71-55-6	1,1,1-Trichloroethane	133.41	380		170	170
110-82-7	Cyclohexane	84.16	ND		110	110
56-23-5	Carbon tetrachloride	153.81	ND		200	200
540-84-1	2,2,4-Trimethylpentane	114.23	ND		150	150
71-43-2	Benzene	78.11	ND		100	100
107-06-2	1,2-Dichloroethane	98.96	ND		130	130
142-82-5	n-Heptane	100.21	ND		130	130
79-01-6	Trichloroethene	131.39	29000		170	170
78-87-5	1,2-Dichloropropane	112.99	ND		150	150

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: LRP Effluent Lab Sample ID: 480-3345-4
 Matrix: Air Lab File ID: gfgd005.d
 Analysis Method: TO-15 Date Collected: 04/04/2011 07:30
 Sample wt/vol: 50 (mL) Date Analyzed: 04/11/2011 13:08
 Soil Aliquot Vol: _____ Dilution Factor: 158
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 16389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		2800	2800
75-27-4	Bromodichloromethane	163.83	ND		210	210
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		140	140
108-10-1	methyl isobutyl ketone	100.16	ND		320	320
108-88-3	Toluene	92.14	ND		120	120
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		140	140
79-00-5	1,1,2-Trichloroethane	133.41	ND		170	170
127-18-4	Tetrachloroethene	165.83	ND		210	210
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		320	320
124-48-1	Dibromochloromethane	208.29	ND		270	270
106-93-4	1,2-Dibromoethane	187.87	ND		240	240
108-90-7	Chlorobenzene	112.30	ND		150	150
100-41-4	Ethylbenzene	106.17	ND		140	140
179601-23-1	m,p-Xylene	106.17	ND		340	340
95-47-6	Xylene, o-	106.17	ND		140	140
1330-20-7	Xylene (total)	106.17	ND		140	140
100-42-5	Styrene	104.15	ND		130	130
75-25-2	Bromoform	252.75	ND		330	330
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		220	220
622-96-8	4-Ethyltoluene	120.20	ND		160	160
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		160	160
95-49-8	2-Chlorotoluene	126.59	ND		160	160
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		160	160
541-73-1	1,3-Dichlorobenzene	147.00	ND		190	190
106-46-7	1,4-Dichlorobenzene	147.00	ND		190	190
95-50-1	1,2-Dichlorobenzene	147.00	ND		190	190
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		590	590
87-68-3	Hexachlorobutadiene	260.76	ND		340	340

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 480-3345-4
 Client Smp ID: LRP Effluent
 Inj Date : 11-APR-2011 13:08
 Operator : wrd
 Smp Info : 480-3345-A-4@39.48
 Misc Info : 50,158,to15all cdf 39.48
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgdto15.b/to15v5.m
 Meth Date : 12-Apr-2011 15:03 wrd
 Cal Date : 05-APR-2011 18:15
 Als bottle: 4
 Dil Factor: 158.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: chemsvr6

Inst ID: G.i

Quant Type: ISTD

Cal File: gfg009.d

Compound Sublist: TO15all.sub

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	158.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	50.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
2 Dichlorodifluoromethane	85							
4 1,2-Dichloro-1,1,2,2-tetraflu	85							
5 Chloromethane	50							
7 Vinyl chloride	62		3.711	3.711	(0.391)	28358	2.28757	360
8 1,3-Butadiene	54							
9 Bromomethane	94							
10 Chloroethane	64							
12 Vinyl bromide	106							
13 Trichlorofluoromethane	101							
17 1,1,2-Trichloro-1,2,2-trifluo	101							
19 1,1-Dichloroethene	96		6.188	6.193	(0.651)	6486	0.22267	35(Q)
20 Acetone	43							
21 Carbon disulfide	76							
22 Isopropanol	45							

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	=====	==	=====	=====	=====	=====	=====
23 Allyl chloride	41							
25 Methylene chloride	49							
26 Tert-butyl alcohol	59							
27 Methyl tert-butyl ether	73							
28 1,2-Dichloroethene (trans)	61		7.514	7.520	(0.791)	4221	0.11765	19(a)
30 n-Hexane	57							
31 1,1-Dichloroethane	63		8.242	8.253	(0.868)	45088	1.02334	160
M 33 1,2-Dichloroethene, Total	61					1044349	32.6747	5200
34 1,2-Dichloroethene (cis)	96		9.135	9.141	(0.962)	1040128	32.5570	5100
36 Methyl Ethyl Ketone	72							
* 37 Bromochloromethane	128		9.499	9.510	(1.000)	348737	10.0000	
38 Tetrahydrofuran	42							
39 Chloroform	83							
40 Cyclohexane	84							
41 1,1,1-Trichloroethane	97		9.825	9.836	(0.901)	36472	0.44513	70(M)
42 Carbon tetrachloride	117							
43 2,2,4-Trimethylpentane	57							
44 Benzene	78							
45 1,2-Dichloroethane	62							
46 n-Heptane	43							
* 47 1,4-Difluorobenzene	114		10.906	10.912	(1.000)	1592580	10.0000	
49 Trichloroethene	95		11.265	11.270	(1.033)	1646505	34.6058	5500
50 1,2-Dichloropropane	63							
53 1,4-Dioxane	88							
54 Bromodichloromethane	83							
55 1,3-Dichloropropene (cis)	75							
56 Methyl isobutyl ketone	43							
58 Toluene	92		13.057	13.068	(0.869)	5332	0.09290	15(a)
59 1,3-Dichloropropene (trans)	75							
60 1,1,2-Trichloroethane	83							
61 Tetrachloroethene	166							
62 2-Hexanone	43							
63 Dibromochloromethane	129							
64 1,2-Dibromoethane	107							
* 65 Chlorobenzene-d5	117		15.025	15.031	(1.000)	1402736	10.0000	
66 Chlorobenzene	112							
68 Ethylbenzene	91							
69 Xylene (m,p)	106							
M 70 Xylenes, Total	106							
71 Xylene (o)	106							
72 Styrene	104							
73 Bromoform	173							
75 1,1,2,2-Tetrachloroethane	83							
79 4-Ethyltoluene	105							
80 2-Chlorotoluene	91							
81 1,3,5-Trimethylbenzene	105							
84 1,2,4-Trimethylbenzene	105							

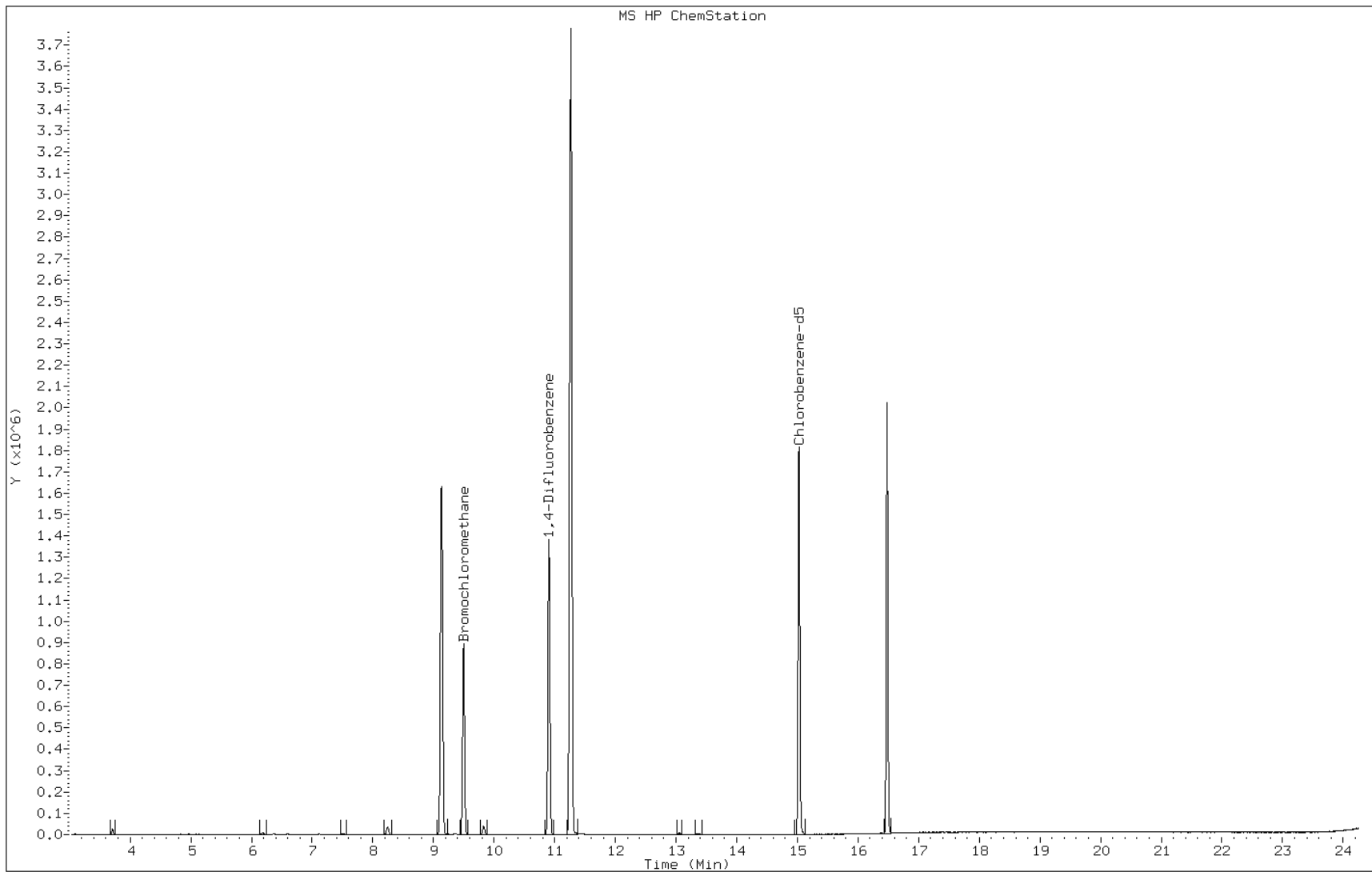
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	
87 1,3-Dichlorobenzene	146				Compound Not Detected.		
88 1,4-Dichlorobenzene	146				Compound Not Detected.		
92 1,2-Dichlorobenzene	146				Compound Not Detected.		
94 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
95 1,3-Hexachlorobutadiene	225				Compound Not Detected.		

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: gfgd005.d
Client ID: LRP Effluent
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: 480-3345-A-4@39.48
Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

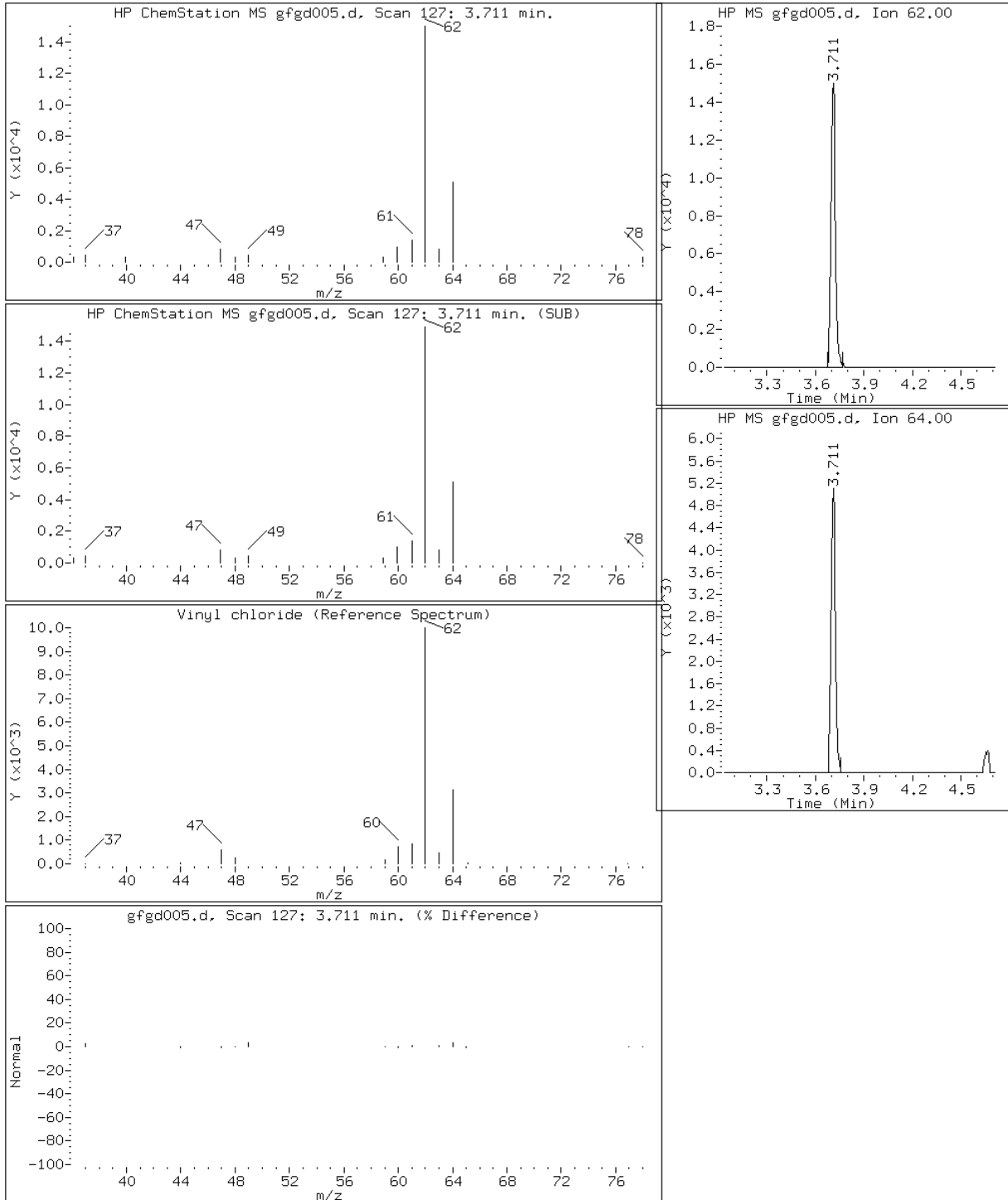
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

7 Vinyl chloride



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

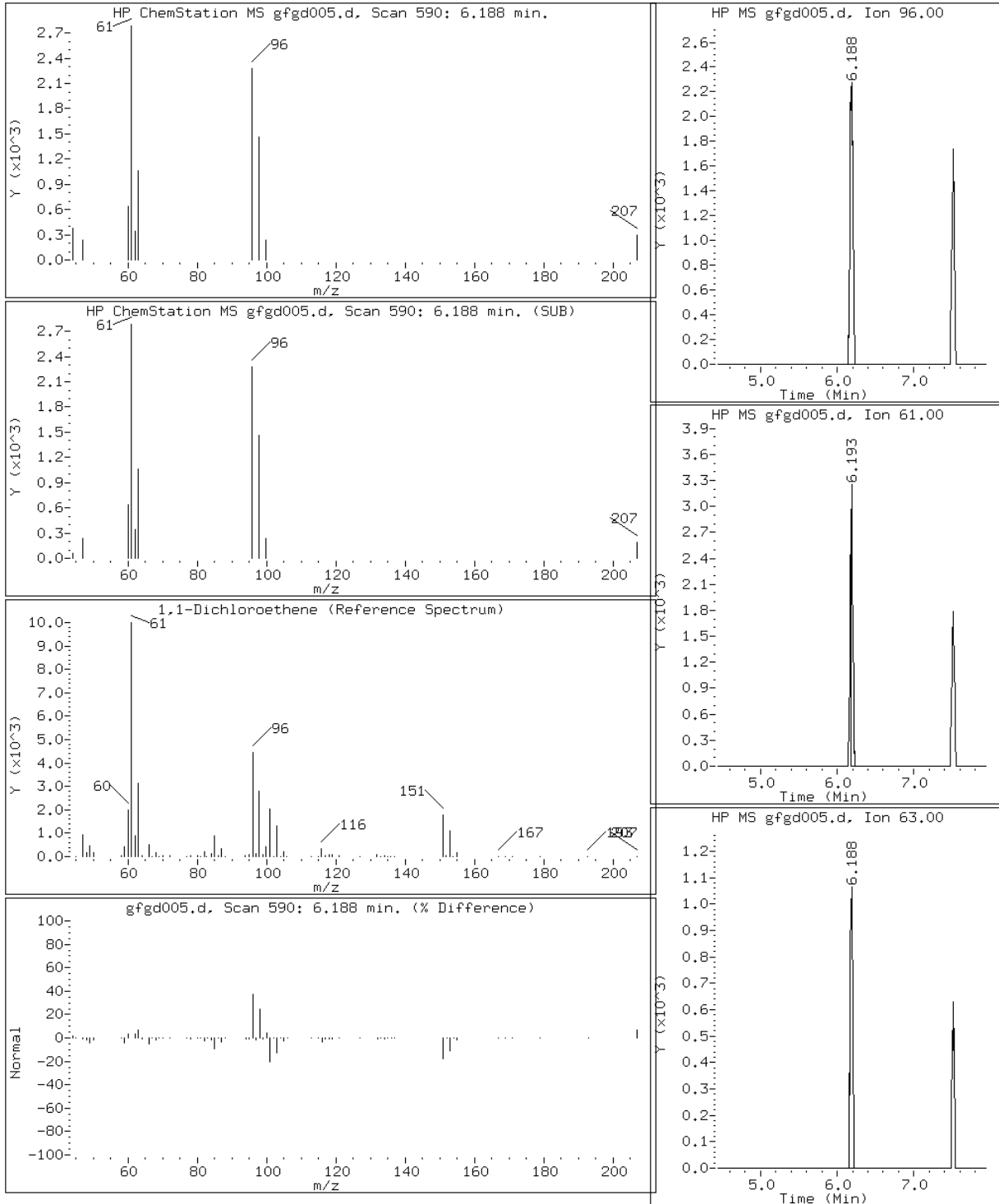
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

19 1,1-Dichloroethene



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

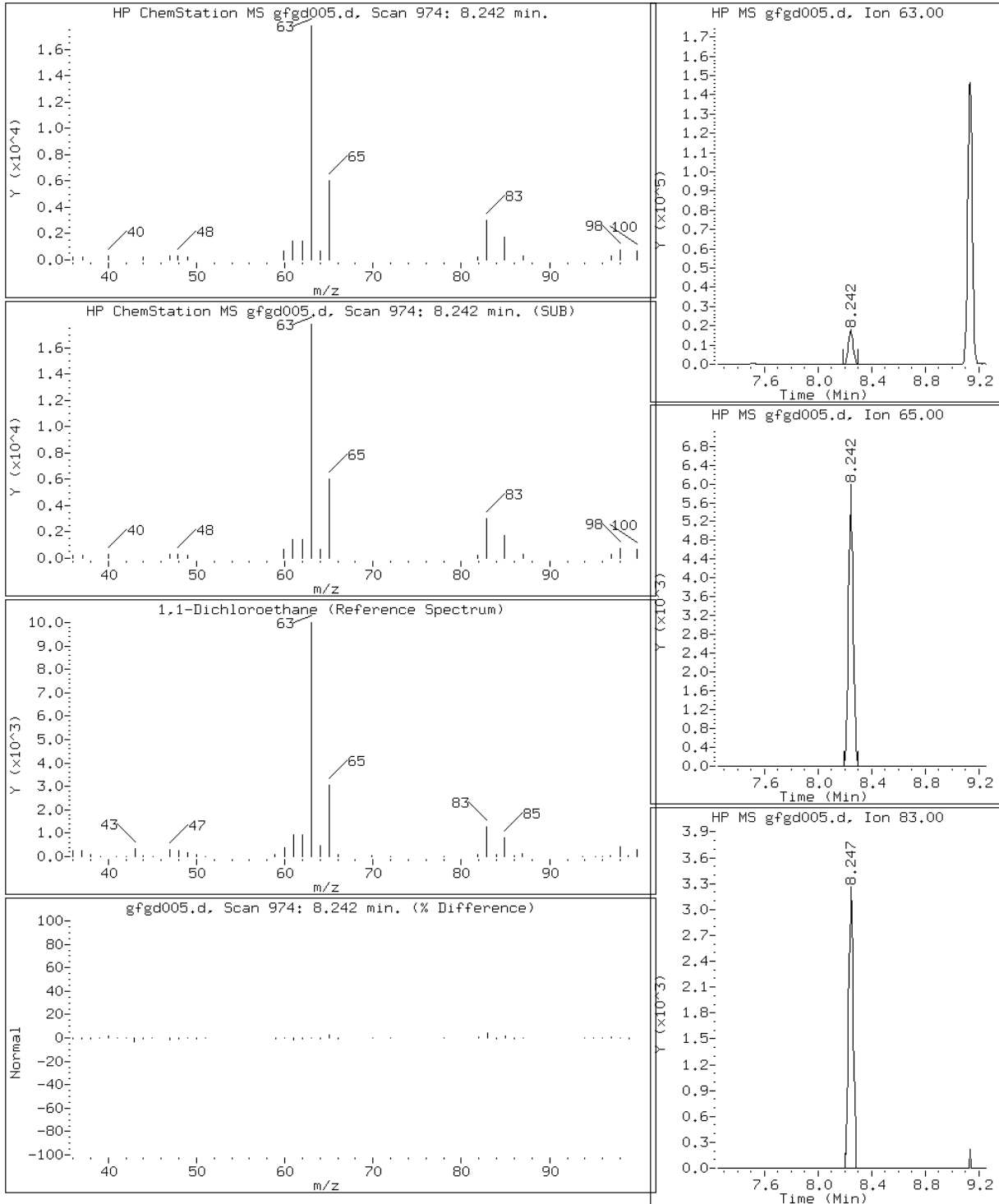
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

31 1,1-Dichloroethane



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

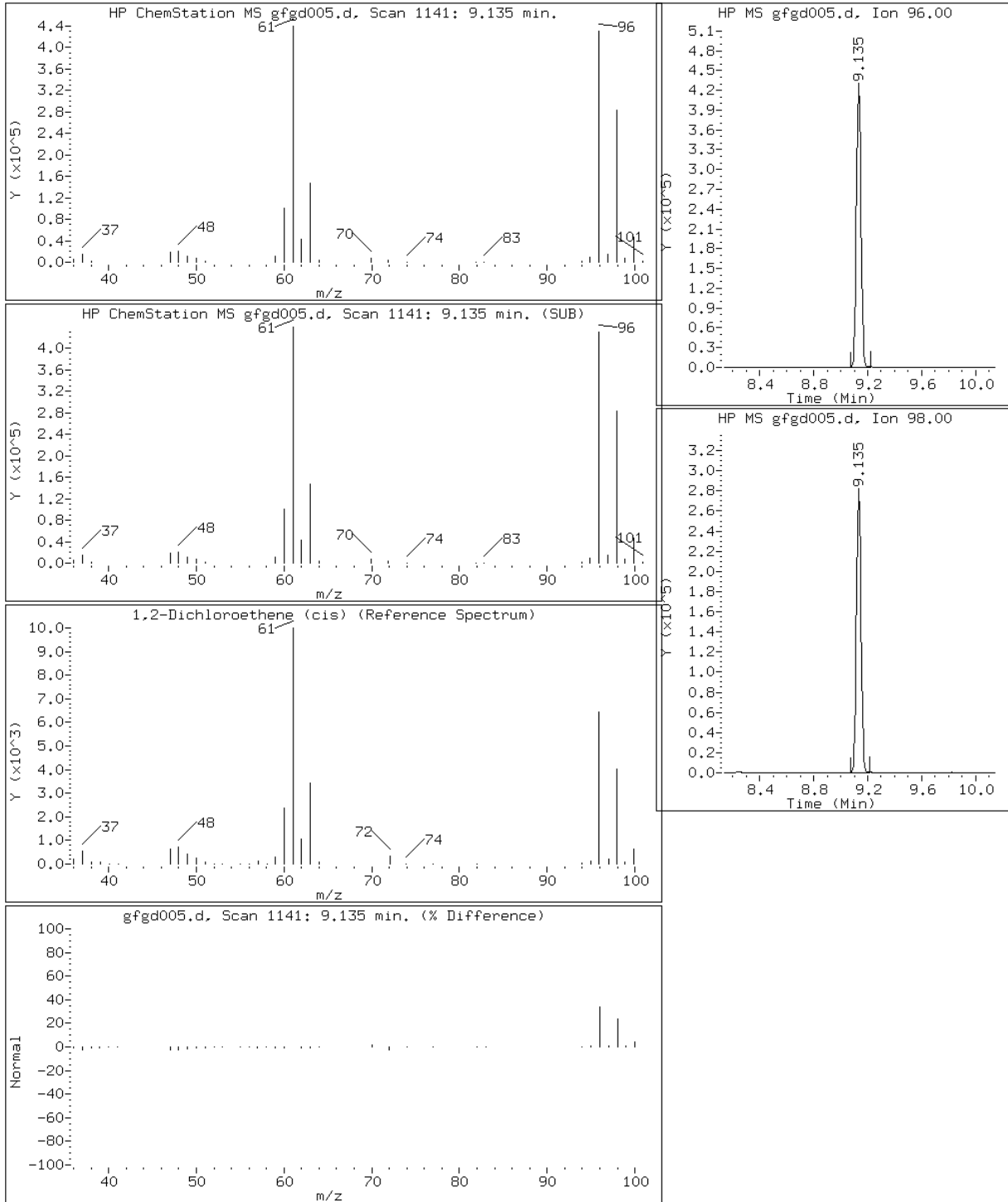
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

34 1,2-Dichloroethene (cis)



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

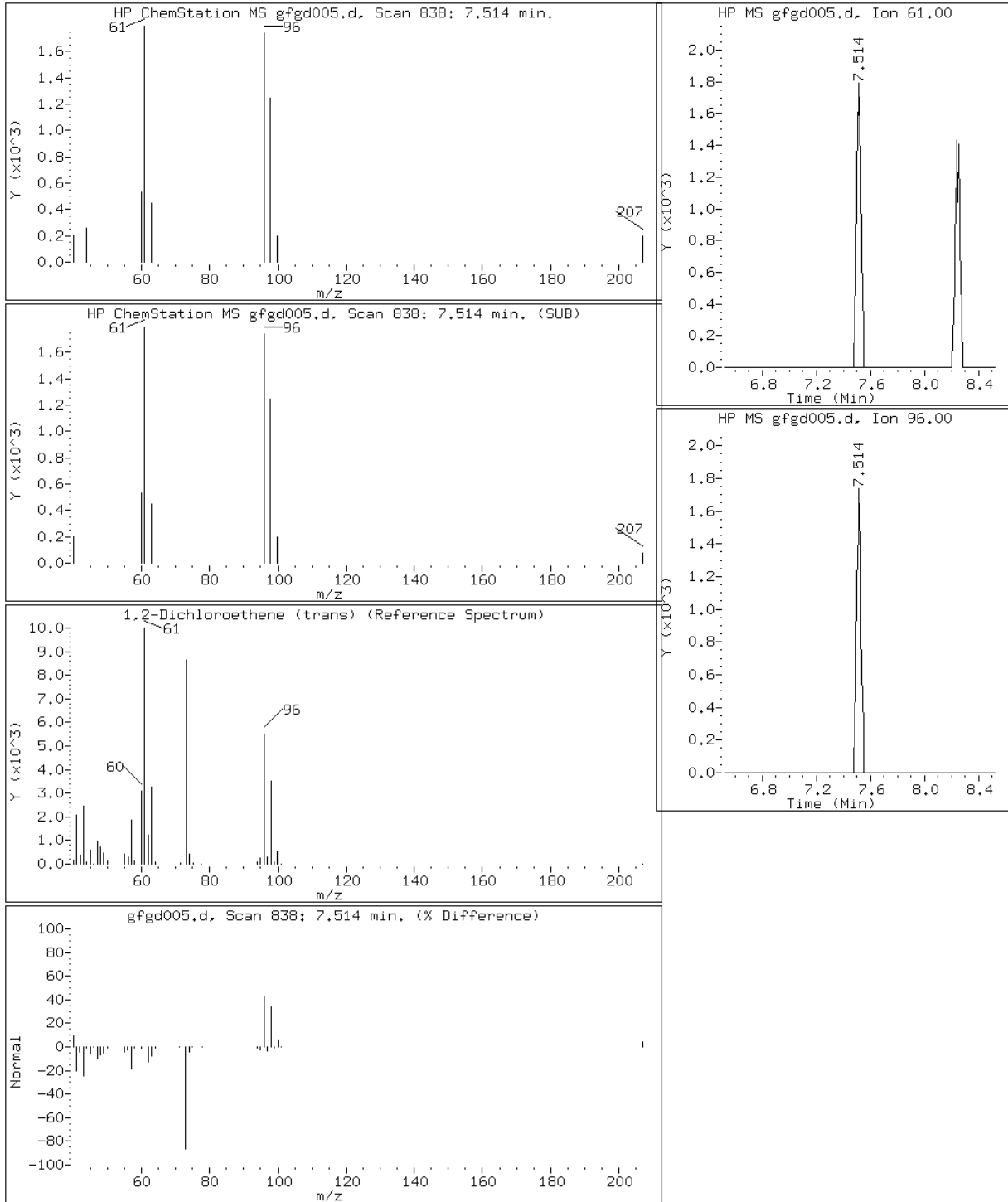
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

28 1,2-Dichloroethene (trans)



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

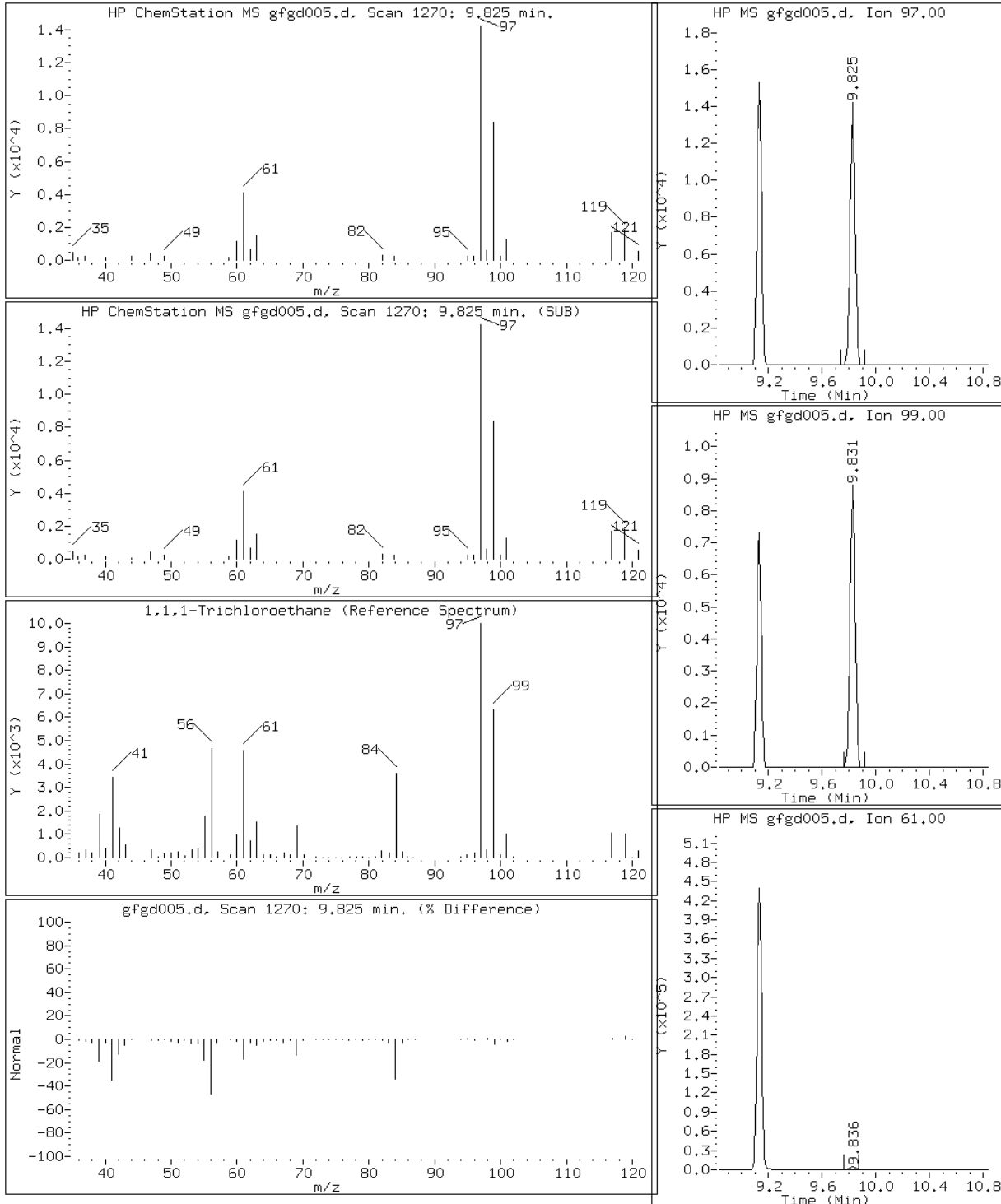
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

41 1,1,1-Trichloroethane



Data File: gfgd005.d

Lab Sample ID: 480-3345-4

Date: 11-APR-2011 13:08

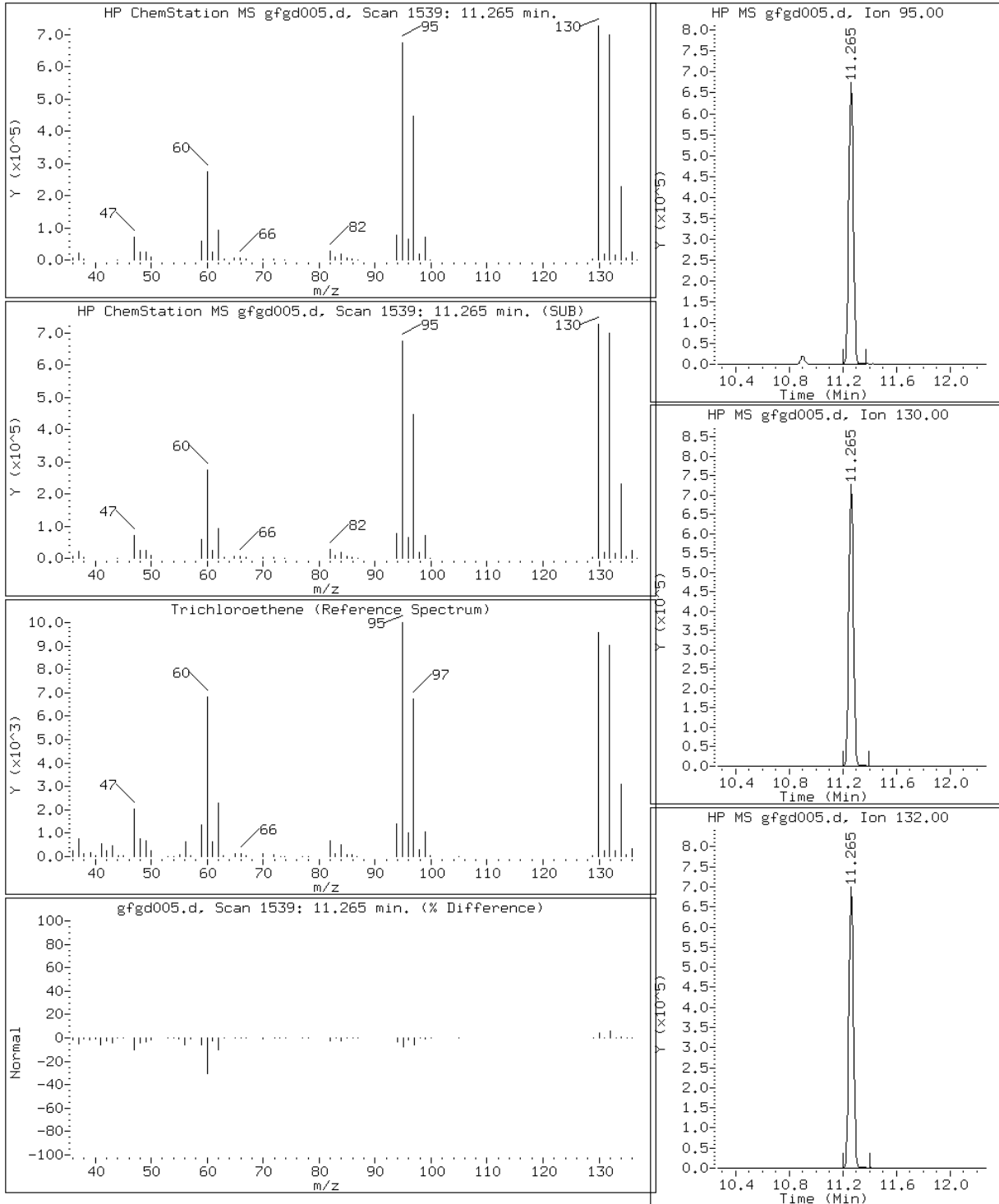
Client ID: LRP Effluent

Instrument: G.i

Sample Info: 480-3345-A-4@39.48

Operator: wrd

49 Trichloroethene

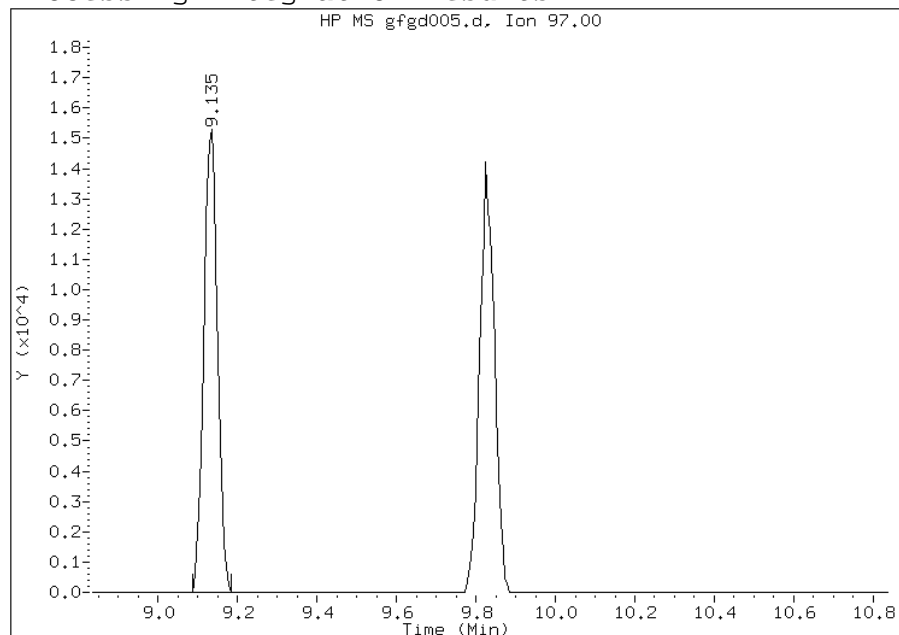


Manual Integration Report

Data File: gfgd005.d
Lab Sample ID: 480-3345-4
Inj. Date and Time: 11-APR-2011 13:08
Instrument ID: G.i
Client ID: LRP Effluent
Compound: 41 1,1,1-Trichloroethane
CAS #: 71-55-6
Report Date: 04/12/2011

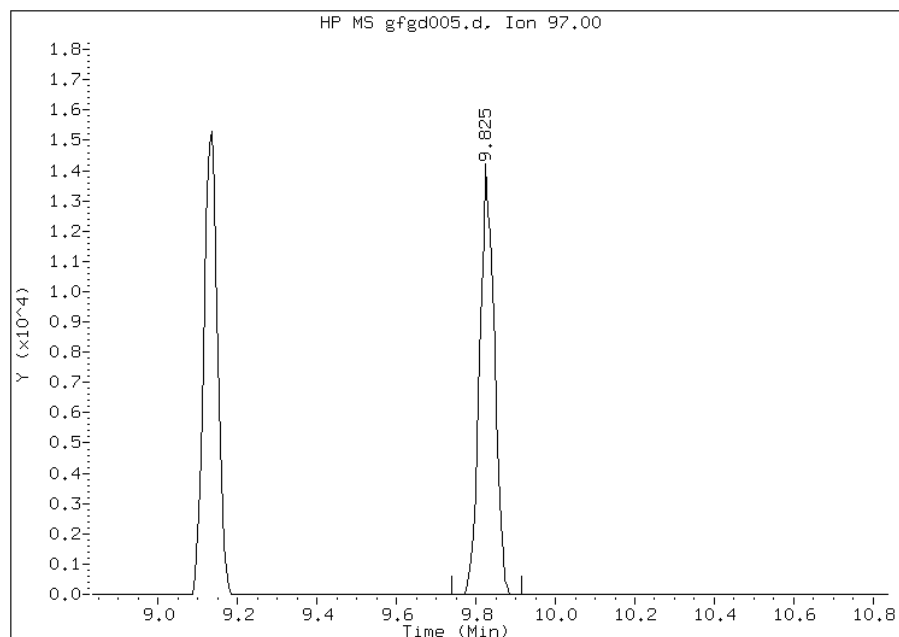
Processing Integration Results

RT: 9.14
Response: 36986
Amount: 0.451403
Conc: 71.32



Manual Integration Results

RT: 9.83
Response: 36472
Amount: 0.445130
Conc: 70.33



File Uploaded By: wrd
Manual Integration Reason: Analyte misidentified by the data system

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-16240/3	ic 127094	gfg003.d
Level 2	IC 200-16240/4	ic 109450	gfg004.d
Level 3	IC 200-16240/5	ic 109449	gfg005.d
Level 4	ICIS 200-16240/6	icis 126754	gfg006.d
Level 5	IC 200-16240/7	ic 109427	gfg007.d
Level 6	IC 200-16240/8	ic 109426	gfg008.d
Level 7	IC 200-16240/9	ic 109424	gfg009.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Propylene	++++ 0.1978	0.2358 0.1982	0.1959	0.1883	0.2062	Ave		0.2037			8.2		30.0				
Dichlorodifluoromethane	++++ 1.4532	1.5238 1.4057	1.4983	1.4348	1.5610	Ave		1.4795			4.0		30.0				
Freon 22	++++ 0.5792	0.6498 0.5702	0.5972	0.5667	0.6218	Ave		0.5975			5.5		30.0				
1,2-Dichlorotetrafluoroethane	1.2314 1.2472	1.3343 1.1939	1.2827	1.2293	1.3490	Ave		1.2668			4.5		30.0				
Chloromethane	++++ 0.2549	0.2735 0.2555	0.2499	0.2442	0.2702	Ave		0.2580			4.5		30.0				
n-Butane	++++ 0.3947	0.3852 0.3898	0.3686	0.3621	0.4105	Ave		0.3852			4.6		30.0				
Vinyl chloride	0.3181 0.3665	0.3681 0.3590	0.3515	0.3401	0.3850	Ave		0.3555			6.1		30.0				
1,3-Butadiene	0.2425 0.2352	0.2134 0.2310	0.2256	0.2173	0.2493	Ave		0.2306			5.6		30.0				
Acrolein	++++ 0.1743	++++ 0.1747	0.1864	0.1591	0.1658	Ave		0.1721			6.0		30.0				
Bromomethane	0.8689 0.7729	0.8631 0.7298	0.8187	0.7715	0.8460	Ave		0.8101			6.6		30.0				
Chloroethane	++++ 0.2666	0.2997 0.2450	0.2745	0.2668	0.2942	Ave		0.2745			7.3		30.0				
Isopentane	0.5057 0.4579	0.5205 0.4190	0.4696	0.4545	0.4941	Ave		0.4745			7.3		30.0				
Bromoethene (Vinyl Bromide)	0.8978 0.8794	0.9512 0.7986	0.9097	0.8663	0.9591	Ave		0.8946			6.1		30.0				
Trichlorofluoromethane	2.7629 2.5902	2.8376 2.3983	2.7127	2.5718	2.8221	Ave		2.6708			6.0		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.: 480-3345-1

Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06

Calibration End Date: 04/05/2011 18:15

Calibration ID: 5742

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 4	LVL 5		B	M1	M2								
n-Pentane	++++ 0.7998	0.8370 0.7619	0.8203	0.7880	0.8512	Ave		0.8097			4.1		30.0				
Ethanol	++++ 0.1867	0.1896 0.1927	0.1667	0.1733	0.1899	Ave		0.1831			5.8		30.0				
Isopropyl alcohol	++++ 0.4681	++++ 0.4788	0.5072	0.5497	0.5044	Ave		0.5016			6.3		30.0				
Ethyl ether	0.3670 0.3449	0.3739 0.3627	0.3588	0.3761	0.3314	Ave		0.3593			4.5		30.0				
Freon TF	1.9881 1.8452	2.0324 1.7011	1.9557	1.8790	2.0116	Ave		1.9162			6.1		30.0				
1,1-Dichloroethene	0.8675 0.8199	0.8656 0.7785	0.8346	0.8055	0.8752	Ave		0.8352			4.3		30.0				
tert-Butyl alcohol	++++ 0.8547	++++ 0.9003	0.8977	1.0211	0.9612	Ave		0.9270			7.0		30.0				
Acetone	++++ 0.6402	++++ 0.6907	0.9418	0.8382	0.6066	Ave		0.7435			19.1		30.0				
Carbon disulfide	++++ 2.2299	2.4768 2.0688	3.8606	2.4228	2.4167	Ave		2.5793			25.0		30.0				
3-Chloropropene	0.5848 0.5652	0.6060 0.5457	0.5681	0.5436	0.5855	Ave		0.5713			3.9		30.0				
Acetonitrile	++++ 0.2673	++++ 0.2907	0.2985	0.3100	0.2639	Ave		0.2861			7.0		30.0				
Methylene Chloride	++++ 0.6284	0.7381 0.6047	0.6509	0.6251	0.6770	Ave		0.6540			7.3		30.0				
Methyl tert-butyl ether	1.9868 1.7290	1.8450 1.8522	1.8469	1.9161	1.6345	Ave		1.8301			6.4		30.0				
trans-1,2-Dichloroethene	1.0437 0.9989	1.0845 0.9347	1.0521	1.0064	1.0815	Ave		1.0288			5.2		30.0				
Acrylonitrile	++++ 0.3162	0.3334 0.3394	0.3314	0.3429	0.2978	Ave		0.3268			5.2		30.0				
n-Hexane	0.9221 0.8348	0.8939 0.7850	0.8803	0.8460	0.9021	Ave		0.8663			5.4		30.0				
Ethyl acetate	++++ 0.0444	++++ 0.0458	0.0492	0.0516	0.0425	Ave		0.0467			7.9		30.0				
1,1-Dichloroethane	1.3373 1.2024	1.3695 1.1311	1.2967	1.2421	1.2647	Ave		1.2634			6.4		30.0				
Vinyl acetate	++++ 1.0043	++++ 1.0448	1.0567	1.0462	0.9516	Ave		1.0207			4.3		30.0				
1,4-Dioxane	++++ 0.0714	++++ 0.0647	0.0706	0.0737	0.0804	Ave		0.0722			7.9		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

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 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.9885 0.8807	0.9764 0.7842	0.9428	0.8983	0.9418	Ave		0.9161			7.6		30.0				
Methyl Ethyl Ketone	++++ 0.2424	0.3385 0.2423	0.2921	0.2817	0.2310	Ave		0.2713			15.1		30.0				
n-Butanol	++++ 0.0570	++++ 0.0524	0.0484	0.0494	0.0678	Ave		0.0550			14.4		30.0				
Tetrahydrofuran	++++ 0.0995	++++ 0.0930	0.0947	0.0968	0.0957	Ave		0.0959			2.5		30.0				
Chloroform	2.1704 1.8676	2.0280 1.7832	1.9815	1.9040	1.9314	Ave		1.9523			6.4		30.0				
1,1,1-Trichloroethane	0.5199 0.5347	0.5387 0.4277	0.5062	0.4881	0.5861	Ave		0.5145			9.5		30.0				
Cyclohexane	0.2481 0.2441	0.2470 0.1880	0.2339	0.2244	0.2744	Ave		0.2371			11.2		30.0				
Carbon tetrachloride	0.5756 0.6513	0.6033 0.5385	0.5831	0.5779	0.7123	Ave		0.6060			9.6		30.0				
2,2,4-Trimethylpentane	0.6478 0.6383	0.6515 0.5115	0.6185	0.5932	0.6890	Ave		0.6214			9.1		30.0				
Benzene	0.5926 0.5128	0.5580 0.4215	0.5117	0.4852	0.5348	Ave		0.5167			10.6		30.0				
1,2-Dichloroethane	0.2670 0.2748	0.2656 0.2387	0.2535	0.2483	0.2777	Ave		0.2608			5.5		30.0				
n-Heptane	0.2038 0.1980	0.2067 0.1606	0.1896	0.1810	0.2112	Ave		0.1930			9.1		30.0				
Trichloroethene	0.3101 0.3083	0.3154 0.2488	0.2947	0.2838	0.3301	Ave		0.2988			8.9		30.0				
1,2-Dichloropropane	0.1794 0.1677	0.1718 0.1424	0.1585	0.1597	0.1708	Ave		0.1643			7.3		30.0				
Methyl methacrylate	++++ 0.1416	0.1091 0.1318	0.1285	0.1353	0.1316	Ave		0.1296			8.5		30.0				
Dibromomethane	0.2772 0.2813	0.2670 0.2262	0.2642	0.2581	0.2975	Ave		0.2674			8.3		30.0				
Bromodichloromethane	0.4431 0.4976	0.4723 0.4216	0.4654	0.4607	0.5190	Ave		0.4685			6.9		30.0				
cis-1,3-Dichloropropene	0.3003 0.3170	0.2909 0.2759	0.2917	0.2918	0.3252	Ave		0.2990			5.6		30.0				
methyl isobutyl ketone	++++ 0.2024	0.1786 0.1839	0.1818	0.1929	0.2224	Ave		0.1937			8.5		30.0				
n-Octane	0.2712 0.2334	0.2783 0.1841	0.2478	0.2335	0.2551	Ave		0.2433			12.9		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.: 480-3345-1

Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i

GC Column: RTX-624

ID: 0.32 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06

Calibration End Date: 04/05/2011 18:15

Calibration ID: 5742

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 4	LVL 5		B	M1	M2								
Toluene	0.5073 0.3685	0.4750 0.3097	0.4162	0.3951	0.3925	Ave		0.4092			16.1		30.0				
trans-1,3-Dichloropropene	0.3061 0.3343	0.2967 0.2948	0.2989	0.3028	0.3403	Ave		0.3106			6.0		30.0				
1,1,2-Trichloroethane	0.2592 0.2174	0.2471 0.1947	0.2214	0.2213	0.2261	Ave		0.2268			9.2		30.0				
Tetrachloroethene	0.4906 0.4130	0.4785 0.3504	0.4230	0.4138	0.4427	Ave		0.4303			10.9		30.0				
Methyl Butyl Ketone (2-Hexanone)	++++ 0.2005	0.1836 0.1910	0.1824	0.1938	0.2231	Ave		0.1957			7.7		30.0				
Dibromochloromethane	0.5277 0.6010	0.5469 0.5356	0.5809	0.5928	0.6271	Ave		0.5732			6.5		30.0				
1,2-Dibromoethane	0.4835 0.4697	0.4750 0.4206	0.4675	0.4708	0.4843	Ave		0.4673			4.6		30.0				
Chlorobenzene	0.7354 0.6321	0.6968 0.5661	0.6410	0.6360	0.6594	Ave		0.6524			8.2		30.0				
Ethylbenzene	1.0533 0.8478	0.9910 0.7465	0.8976	0.8933	0.8700	Ave		0.8999			11.0		30.0				
n-Nonane	0.3213 0.2662	0.3215 0.2249	0.2994	0.2849	0.2816	Ave		0.2857			11.8		30.0				
m,p-Xylene	0.4148 0.3295	0.4113 0.2764	0.3668	0.3588	0.3427	Ave		0.3572			13.5		30.0				
Xylene, o-	0.4412 0.3523	0.4132 0.3009	0.3804	0.3800	0.3583	Ave		0.3752			12.0		30.0				
Styrene	0.4726 0.5137	0.4486 0.4523	0.4956	0.5208	0.5210	Ave		0.4892			6.4		30.0				
Bromoform	0.4438 0.5310	0.4493 0.4366	0.5266	0.5332	0.5600	Ave		0.4972			10.4		30.0				
Cumene	1.2400 1.0334	1.2008 0.9166	1.0903	1.1004	1.0430	Ave		1.0892			9.9		30.0				
1,1,2,2-Tetrachloroethane	0.6534 0.5272	0.6090 0.4535	0.5694	0.5698	0.5470	Ave		0.5613			11.2		30.0				
n-Propylbenzene	1.2968 1.0703	1.2541 0.8791	1.2136	1.1978	1.1141	Ave		1.1465			12.3		30.0				
1,2,3-Trichloropropane	++++ 0.3404	0.4319 0.2813	0.3940	0.3849	0.3556	Ave		0.3647			14.2		30.0				
n-Dodecane	++++ 0.2094	++++ 0.0797	0.1735	0.1517	0.2338	Ave		0.1696			35.0	*	30.0				
n-Decane	++++ 0.3324	0.2982 0.2819	0.3705	0.3684	0.3353	Ave		0.3311			10.9		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.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

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 4	LVL 5		B	M1	M2								
4-Ethyltoluene	1.0732 1.0113	1.0944 0.8682	1.0770	1.0932	1.0188	Ave		1.0337			7.8		30.0				
2-Chlorotoluene	1.1117 0.9230	1.0651 0.7812	0.9944	0.9834	0.9583	Ave		0.9739			10.9		30.0				
1,3,5-Trimethylbenzene	1.0182 0.8599	0.9214 0.7466	0.9170	0.9249	0.8605	Ave		0.8926			9.3		30.0				
Alpha Methyl Styrene	0.3110 0.4573	0.3381 0.4162	0.3630	0.4550	0.4683	Ave		0.4013			15.9		30.0				
tert-Butylbenzene	1.0435 0.8355	1.0012 0.7274	0.9343	0.9153	0.8454	Ave		0.9004			11.9		30.0				
1,2,4-Trimethylbenzene	0.9677 0.8645	0.9065 0.7604	0.9362	0.9328	0.8658	Ave		0.8906			7.7		30.0				
sec-Butylbenzene	1.4602 1.2183	1.4238 1.0467	1.3620	1.3441	1.2378	Ave		1.2990			11.0		30.0				
4-Isopropyltoluene	1.0728 1.0448	1.0950 0.9076	1.1488	1.1407	1.0464	Ave		1.0651			7.6		30.0				
1,3-Dichlorobenzene	0.6110 0.6430	0.5731 0.5599	0.6314	0.6518	0.6556	Ave		0.6180			6.2		30.0				
1,4-Dichlorobenzene	0.5455 0.6381	0.5175 0.5607	0.6014	0.6307	0.6410	Ave		0.5907			8.4		30.0				
Benzyl chloride	0.4710 0.7359	0.4940 0.6948	0.6155	0.5223	0.7106	Ave		0.6063			18.3		30.0				
n-Undecane	+++++ 0.2512	+++++ 0.2622	0.2373	0.2314	0.2811	Ave		0.2526			7.9		30.0				
n-Butylbenzene	0.6741 0.8277	0.7168 0.6867	0.9221	0.9265	0.8317	Ave		0.7979			13.4		30.0				
1,2-Dichlorobenzene	0.6360 0.6401	0.6169 0.5525	0.6526	0.6615	0.6507	Ave		0.6300			5.9		30.0				
1,2,4-Trichlorobenzene	+++++ 0.3714	0.1655 0.2930	0.2374	0.2937	0.3219	Ave		0.2805			25.4		30.0				
Hexachlorobutadiene	0.3908 0.3209	0.3459 0.1910	0.3673	0.3513	0.3342	Ave		0.3288			19.7		30.0				
Naphthalene	+++++ 0.8689	0.4617 0.6892	0.5621	0.6492	0.7927	Ave		0.6706			22.2		30.0				
1,2,3-Trichlorobenzene	0.2033 0.3457	0.2201 0.1926	0.2354	0.2641	0.3102	Ave		0.2531			22.5		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-16240/3	gfg003.d
Level 2	IC 200-16240/4	gfg004.d
Level 3	IC 200-16240/5	gfg005.d
Level 4	ICIS 200-16240/6	gfg006.d
Level 5	IC 200-16240/7	gfg007.d
Level 6	IC 200-16240/8	gfg008.d
Level 7	IC 200-16240/9	gfg009.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 157644	4759 304443	39241	74817	113953	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	++++ 1158128	30753 2159679	300138	570144	862503	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	++++ 461606	13113 876056	119627	225197	343580	++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	10082 993907	26928 1834261	256947	488478	745369	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	++++ 203123	5520 392570	50057	97042	149318	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	++++ 314547	7774 598912	73827	143887	226822	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	2604 292068	7429 551490	70415	135140	212749	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	1985 187476	4307 354856	45195	86353	137728	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	++++ 138945	++++ 268403	37340	63223	91615	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	7114 615986	17419 1121221	163994	306547	467416	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	++++ 212464	6049 376443	54985	106005	162547	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	4140 364951	10505 643660	94059	180597	273025	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene (Vinyl Bromide)	BCM	Ave	7350 700829	19196 1226891	182235	344218	529951	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	22620 2064217	57267 3684559	543391	1021937	1559303	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	++++ 637417	16892 1170524	164322	313109	470314	++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethanol	BCM	Ave	++++ 297583	38265 740049	66767	103292	139898	++++ 40.0	5.00 100	10.0	15.0	20.0
Isopropyl alcohol	BCM	Ave	++++ 373042	41016 735577	101607	218413	278708	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Ethyl ether	BCM	Ave	3005 274892	7546 557191	71875	149448	183109	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	16277 1470532	41016 2613518	391763	746649	1111468	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	7102 653378	17468 1196058	167178	320092	483583	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	++++ 681156	41016 1383182	179813	405725	531116	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	++++ 510169	++++ 1061199	188648	333063	335177	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	++++ 1777092	49986 3178286	773326	962718	1335282	++++ 20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	4788 450460	12229 838425	113790	216006	323512	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	++++ 213053	++++ 446541	59801	123197	145803	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	++++ 500774	14896 929027	130383	248398	374081	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	16266 1377883	37235 2845514	369957	761395	903119	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	8545 796044	21886 1435969	210741	399913	597535	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	++++ 251964	6729 521374	66381	136244	164547	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	7549 665306	18040 1206022	176328	336167	498435	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	++++ 35358	++++ 70375	9858	20513	23494	++++ 20.0	++++ 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	10949 958265	27639 1737786	259748	493542	698753	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	++++ 800399	++++ 1605130	211677	415700	525798	++++ 20.0	++++ 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	++++ 225737	++++ 453894	63145	130653	170984	++++ 20.0	++++ 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	8093 701866	19705 1204757	188847	356965	520390	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	++++ 193190	6832 372272	58509	111930	127613	++++ 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butanol	DFB	Ave	++++ 180256	++++ 368198	43269	87510	144254	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	++++ 314260	++++ 653136	84662	171581	203543	++++ 20.0	++++ 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	17769 1488393	40927 2739648	396933	756590	1067177	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	18956 1689669	47417 3002490	452724	864996	1246928	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	9047 771280	21742 1319831	209208	397701	583732	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	20986 2058006	53099 3780411	521477	1024165	1515510	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	23619 2016924	57346 3590924	553170	1051297	1465916	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	21608 1620485	49119 2959097	457645	859977	1137798	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	9736 868261	23379 1675479	226695	439990	590761	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	7430 625553	18190 1127359	169551	320769	449242	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	11307 974200	27759 1746431	263590	503066	702379	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	6542 529815	15121 999817	141773	283109	363311	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	++++ 447443	9601 924948	114891	239770	279920	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	10107 888754	23503 1588051	236298	457483	632881	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	16155 1572214	41575 2959661	416179	816569	1104209	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	10950 1001509	25607 1937154	260891	517150	691871	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	++++ 639545	15724 1290741	162599	341840	473115	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	9890 737342	24498 1292084	221601	413924	542725	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	16656 1148682	37823 2011537	345365	653172	824307	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	11161 1056461	26118 2069835	267352	536614	724089	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	8509 677683	19675 1264813	183739	365891	474972	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	16107 1287582	38105 2275988	351041	684160	929816	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	++++ 624976	14618 1240557	151341	320458	468678	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	17325 1873593	43550 3478468	482064	980110	1317191	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	15875 1464188	37822 2731413	387932	778347	1017092	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	24145 1970584	55487 3676745	531933	1051499	1384841	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	34581 2642681	78915 4848456	744842	1476796	1827329	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	10550 829813	25605 1460783	248440	471014	591526	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	27237 2054136	65514 3589746	608743	1186237	1439420	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	14484 1098102	32906 1954437	315625	628238	752557	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	15516 1601245	35721 2937557	411239	860989	1094316	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	14572 1655248	35779 2835797	436966	881483	1176257	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	40711 3221467	95621 5953062	904730	1819261	2190570	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	21451 1643385	48496 2945304	472491	941990	1148870	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	42575 3336454	99869 5709392	1007080	1980189	2339939	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	++++ 1061025	34397 1826727	326960	636380	746945	++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	++++ 652617	++++ 517601	143937	250724	491105	++++ 20.0	++++ 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	++++ 1036217	23750 1830801	307440	609047	704234	++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	35234 3152410	87153 5638397	893702	1807288	2139793	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	36498 2877362	84814 5073274	825198	1625762	2012764	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	33430 2680529	73373 4848514	760986	1529096	1807301	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	10211 1425671	26923 2702843	301187	752169	983637	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
 AIR - GC/MS VOA INITIAL CALIBRATION DATA
 INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 480-3345-1 Analy Batch No.: 16240

SDG No.: _____

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/05/2011 13:06 Calibration End Date: 04/05/2011 18:15 Calibration ID: 5742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
tert-Butylbenzene	CBZ	Ave	34258 2604346	79726 4724089	775269	1513279	1775680	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	31770 2694806	72185 4938174	776908	1542219	1818527	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	47941 3797674	113382 6798070	1130249	2222132	2599689	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	35220 3256927	87196 5894265	953300	1885882	2197681	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	20060 2004318	45637 3636070	523944	1077514	1376977	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	17908 1989271	41214 3641545	499077	1042781	1346390	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	15462 2294071	39337 4512317	510742	863470	1492507	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	++++ 782974	++++ 1702613	196898	382507	590482	++++ 20.0	++++ 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	22130 2580297	57078 4459968	765138	1531663	1746824	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	20882 1995379	49122 3588210	541533	1093613	1366638	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	++++ 1157677	13180 1902642	196968	485515	676112	++++ 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	12832 1000225	27544 1240783	304815	580849	701845	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	++++ 2708677	36765 4475865	466422	1073279	1664913	++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	6675 1077496	17530 1251083	195354	436591	651584	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:

Ave = Average ISTD

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg003.d
 Lab Smp Id: ic 127094 Client Smp ID: ic 127094
 Inj Date : 05-APR-2011 13:06
 Operator : wrd Inst ID: G.i
 Smp Info : ic 127094
 Misc Info : 200,1,level 1
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 13:06 Cal File: gfg003.d
 Als bottle: 2 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85		3.155	3.155	(0.332)	11427	0.20000	0.19(a)
3 Chlorodifluoromethane	51		3.192	3.187	(0.336)	5584	0.20000	0.23(a)
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.379	3.374	(0.356)	10082	0.20000	0.19(a)
5 Chloromethane	50		3.497	3.497	(0.368)	2218	0.20000	0.21(a)
6 Butane	43		3.679	3.673	(0.387)	3206	0.20000	0.20(a)
7 Vinyl chloride	62		3.711	3.711	(0.390)	2604	0.20000	0.18(a)
8 1,3-Butadiene	54		3.780	3.775	(0.398)	1985	0.20000	0.21
9 Bromomethane	94		4.438	4.438	(0.467)	7114	0.20000	0.21
10 Chloroethane	64		4.663	4.658	(0.491)	2347	0.20000	0.21(a)
11 2-Methylbutane	43		4.738	4.738	(0.498)	4140	0.20000	0.21
12 Vinyl bromide	106		5.054	5.048	(0.532)	7350	0.20000	0.20
13 Trichlorofluoromethane	101		5.139	5.145	(0.541)	22620	0.20000	0.21
14 Pentane	43		5.273	5.273	(0.555)	6830	0.20000	0.21(a)
16 Ethyl ether	59		5.754	5.728	(0.605)	3005	0.20000	0.20

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.124	6.124	(0.644)	16277	0.20000	0.21
18 Acrolein	56	Compound Not Detected.					
19 1,1-Dichloroethene	96	6.199	6.193	(0.652)	7102	0.20000	0.21
21 Carbon disulfide	76	6.594	6.600	(0.694)	20452	0.20000	0.19(a)
22 Isopropanol	45	Compound Not Detected.					
23 Allyl chloride	41	6.867	6.873	(0.722)	4788	0.20000	0.20
25 Methylene chloride	49	7.124	7.124	(0.750)	6603	0.20000	0.25(a)
26 Tert-butyl alcohol	59	Compound Not Detected.					
27 Methyl tert-butyl ether	73	7.493	7.472	(0.788)	16266	0.20000	0.22
28 1,2-Dichloroethene (trans)	61	7.515	7.520	(0.791)	8545	0.20000	0.20
29 Acrylonitrile	53	7.600	7.605	(0.800)	2699	0.20000	0.20(a)
30 n-Hexane	57	7.852	7.846	(0.826)	7549	0.20000	0.21
31 1,1-Dichloroethane	63	8.247	8.253	(0.868)	10949	0.20000	0.21
M 33 1,2-Dichloroethene,Total	61				16638	0.40000	0.42
34 1,2-Dichloroethene (cis)	96	9.135	9.141	(0.961)	8093	0.20000	0.22
35 Ethyl acetate	88	Compound Not Detected.					
36 Methyl Ethyl Ketone	72	9.152	9.146	(0.963)	2761	0.20000	0.25(aQ)
* 37 Bromochloromethane	128	9.505	9.510	(1.000)	409355	10.0000	
39 Chloroform	83	9.579	9.585	(1.008)	17769	0.20000	0.22
40 Cyclohexane	84	9.842	9.842	(0.902)	9047	0.20000	0.21(Q)
41 1,1,1-Trichloroethane	97	9.831	9.836	(0.901)	18956	0.20000	0.20
42 Carbon tetrachloride	117	10.034	10.040	(0.920)	20986	0.20000	0.19(a)
43 2,2,4-Trimethylpentane	57	10.323	10.328	(0.947)	23619	0.20000	0.21
44 Benzene	78	10.361	10.366	(0.950)	21608	0.20000	0.23
45 1,2-Dichloroethane	62	10.468	10.468	(0.960)	9736	0.20000	0.20
46 n-Heptane	43	10.580	10.580	(0.970)	7430	0.20000	0.21
* 47 1,4-Difluorobenzene	114	10.906	10.912	(1.000)	1823089	10.0000	
48 n-Butanol	56	Compound Not Detected.					
49 Trichloroethene	95	11.265	11.270	(1.033)	11307	0.20000	0.21
50 1,2-Dichloropropane	63	11.639	11.645	(1.067)	6542	0.20000	0.22
51 Methyl methacrylate	69	11.703	11.698	(1.073)	3936	0.20000	0.17(a)
52 Dibromomethane	174	11.826	11.826	(1.084)	10107	0.20000	0.21
53 1,4-Dioxane	88	Compound Not Detected.					
54 Bromodichloromethane	83	11.998	12.003	(1.100)	16155	0.20000	0.19(a)
55 1,3-Dichloropropene (cis)	75	12.629	12.634	(1.158)	10950	0.20000	0.20
56 Methyl isobutyl ketone	43	12.800	12.795	(1.174)	6269	0.20000	0.18(a)
57 n-Octane	43	13.057	13.057	(1.197)	9890	0.20000	0.22(a)
58 Toluene	92	13.057	13.068	(0.869)	16656	0.20000	0.25
59 1,3-Dichloropropene (trans)	75	13.426	13.431	(1.231)	11161	0.20000	0.20
60 1,1,2-Trichloroethane	83	13.693	13.699	(0.911)	8509	0.20000	0.23
61 Tetrachloroethene	166	13.822	13.833	(0.920)	16107	0.20000	0.23
62 2-Hexanone	43	13.982	13.972	(0.930)	5367	0.20000	0.17(a)
63 Dibromochloromethane	129	14.250	14.255	(0.948)	17325	0.20000	0.18(a)
64 1,2-Dibromoethane	107	14.458	14.458	(0.962)	15875	0.20000	0.21
* 65 Chlorobenzene-d5	117	15.031	15.031	(1.000)	1641569	10.0000	
66 Chlorobenzene	112	15.068	15.074	(1.002)	24145	0.20000	0.23
67 n-Nonane	57	15.175	15.181	(1.010)	10550	0.20000	0.22

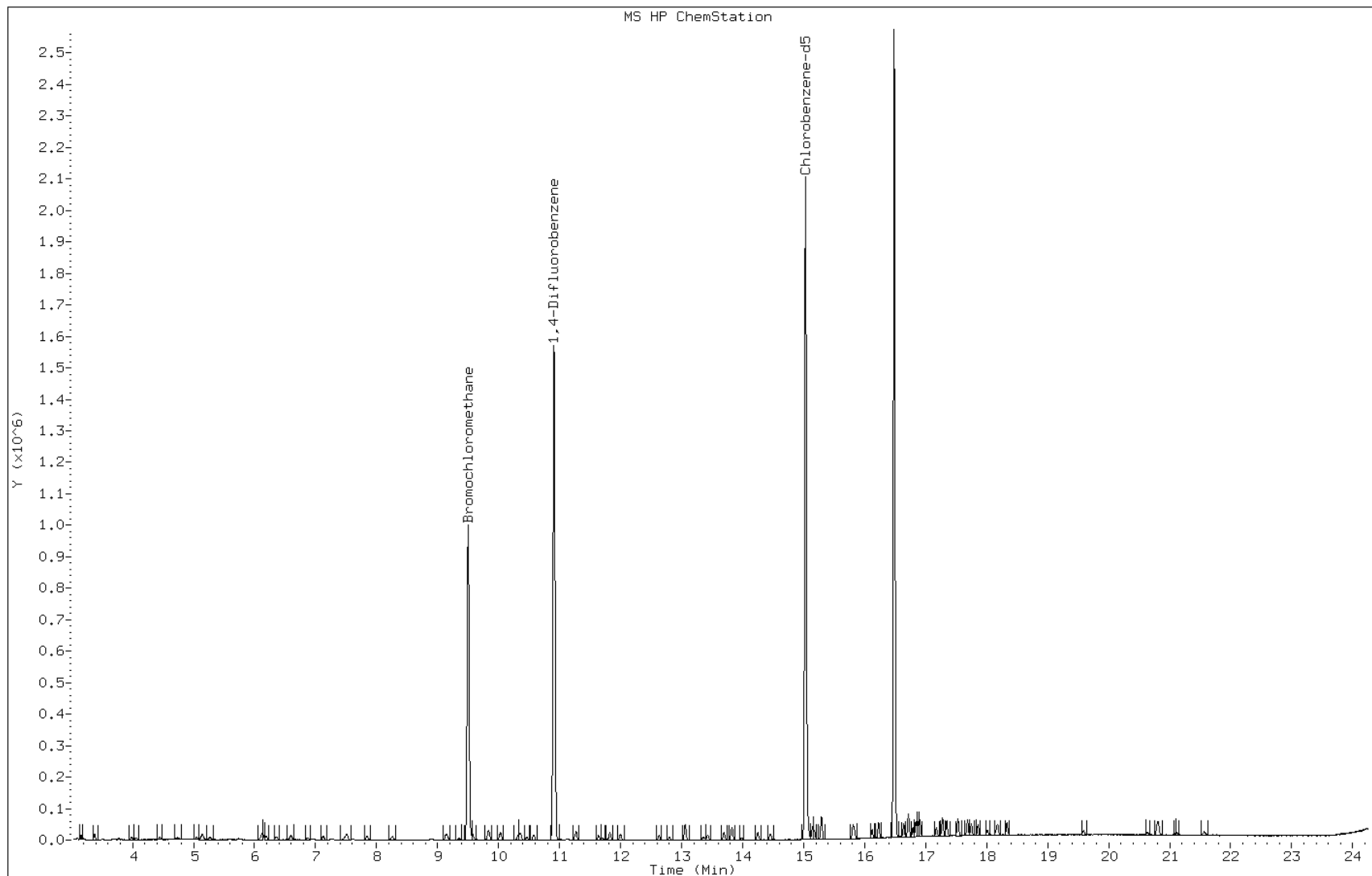
Compounds	QUANT SIG		AMOUNTS					
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)	
68 Ethylbenzene	91	15.143	15.143	(1.007)	34581	0.20000	0.23	
69 Xylene (m,p)	106	15.293	15.298	(1.017)	27237	0.40000	0.46	
M 70 Xylenes, Total	106				41721	0.20000	0.70	
71 Xylene (o)	106	15.812	15.812	(1.052)	14484	0.20000	0.24	
72 Styrene	104	15.839	15.839	(1.054)	15516	0.20000	0.19(a)	
73 Bromoform	173	16.122	16.122	(1.073)	14572	0.20000	0.18(a)	
74 Isopropylbenzene	105	16.229	16.229	(1.080)	40711	0.20000	0.23	
75 1,1,2,2-Tetrachloroethane	83	16.641	16.641	(1.107)	21451	0.20000	0.23	
76 n-Propylbenzene	91	16.711	16.716	(1.112)	42575	0.20000	0.23	
77 1,2,3-Trichloropropane	75	16.727	16.727	(1.113)	16497	0.20000	0.28(a)	
78 n-Decane	57	16.791	16.796	(1.117)	9628	0.20000	0.18(a)	
79 4-Ethyltoluene	105	16.839	16.844	(1.120)	35234	0.20000	0.21	
80 2-Chlorotoluene	91	16.871	16.876	(1.122)	36498	0.20000	0.23	
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	33430	0.20000	0.23	
82 Alpha Methyl Styrene	118	17.176	17.176	(1.143)	10211	0.20000	0.16(a)	
83 tert-butylbenzene	119	17.278	17.278	(1.149)	34258	0.20000	0.23	
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	31770	0.20000	0.22	
85 sec-Butylbenzene	105	17.529	17.535	(1.166)	47941	0.20000	0.22	
86 4-Isopropyltoluene	119	17.684	17.690	(1.177)	35220	0.20000	0.20	
87 1,3-Dichlorobenzene	146	17.748	17.749	(1.181)	20060	0.20000	0.20	
88 1,4-Dichlorobenzene	146	17.855	17.861	(1.188)	17908	0.20000	0.18(a)	
89 Benzyl chloride	91	18.016	18.016	(1.199)	15462	0.20000	0.16(a)	
91 n-Butylbenzene	91	18.182	18.187	(1.210)	22130	0.20000	0.17(a)	
92 1,2-Dichlorobenzene	146	18.332	18.337	(1.220)	20882	0.20000	0.20	
93 Dodecane	57	Compound Not Detected.						
94 1,2,4-Trichlorobenzene	180	20.637	20.637	(1.373)	5035	0.20000	0.11(a)	
95 1,3-Hexachlorobutadiene	225	20.809	20.809	(1.384)	12832	0.20000	0.24	
96 Naphthalene	128	21.108	21.108	(1.404)	13186	0.20000	0.12(a)	
97 1,2,3-Trichlorobenzene	180	21.574	21.568	(1.435)	6675	0.20000	0.16(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: gfg003.d
Client ID: ic 127094
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 127094
Lab Sample ID: ic 127094

Date: 05-APR-2011 13:06
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg004.d
 Lab Smp Id: ic 109450 Client Smp ID: ic 109450
 Inj Date : 05-APR-2011 13:57
 Operator : wrd Inst ID: G.i
 Smp Info : ic 109450
 Misc Info : 200,1,level 2
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 13:57 Cal File: gfg004.d
 Als bottle: 3 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
2 Dichlorodifluoromethane	85		3.155	3.155	(0.332)	30753	0.50000	0.51
3 Chlorodifluoromethane	51		3.192	3.187	(0.336)	13113	0.50000	0.54
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.374	3.374	(0.355)	26928	0.50000	0.53
5 Chloromethane	50		3.497	3.497	(0.368)	5520	0.50000	0.53
6 Butane	43		3.673	3.673	(0.386)	7774	0.50000	0.50
7 Vinyl chloride	62		3.711	3.711	(0.390)	7429	0.50000	0.52
8 1,3-Butadiene	54		3.780	3.775	(0.398)	4307	0.50000	0.46
9 Bromomethane	94		4.438	4.438	(0.467)	17419	0.50000	0.53
10 Chloroethane	64		4.658	4.658	(0.490)	6049	0.50000	0.55
11 2-Methylbutane	43		4.733	4.738	(0.498)	10505	0.50000	0.55
12 Vinyl bromide	106		5.048	5.048	(0.531)	19196	0.50000	0.53
13 Trichlorofluoromethane	101		5.145	5.145	(0.541)	57267	0.50000	0.53
14 Pentane	43		5.268	5.273	(0.554)	16892	0.50000	0.52
15 Ethanol	45		5.578	5.583	(0.587)	38265	5.00000	5.2

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
16 Ethyl ether	59		5.738	5.728	(0.604)	7546	0.50000	0.52
17 1,1,2-Trichloro-1,2,2-trifluo	101		6.118	6.124	(0.644)	41016	0.50000	0.53
18 Acrolein	56		Compound Not Detected.					
19 1,1-Dichloroethene	96		6.193	6.193	(0.652)	17468	0.50000	0.52
21 Carbon disulfide	76		6.600	6.600	(0.694)	49986	0.50000	0.48(a)
23 Allyl chloride	41		6.873	6.873	(0.723)	12229	0.50000	0.53
25 Methylene chloride	49		7.119	7.124	(0.749)	14896	0.50000	0.56
27 Methyl tert-butyl ether	73		7.482	7.472	(0.787)	37235	0.50000	0.50
28 1,2-Dichloroethene (trans)	61		7.515	7.520	(0.791)	21886	0.50000	0.53
29 Acrylonitrile	53		7.605	7.605	(0.800)	6729	0.50000	0.51
30 n-Hexane	57		7.846	7.846	(0.826)	18040	0.50000	0.52
31 1,1-Dichloroethane	63		8.247	8.253	(0.868)	27639	0.50000	0.54
M 33 1,2-Dichloroethene,Total	61					41591	1.00000	1.1
34 1,2-Dichloroethene (cis)	96		9.141	9.141	(0.962)	19705	0.50000	0.53
36 Methyl Ethyl Ketone	72		9.141	9.146	(0.962)	6832	0.50000	0.62(Q)
* 37 Bromochloromethane	128		9.505	9.510	(1.000)	403626	10.0000	
39 Chloroform	83		9.580	9.585	(1.008)	40927	0.50000	0.52
40 Cyclohexane	84		9.847	9.842	(0.903)	21742	0.50000	0.52
41 1,1,1-Trichloroethane	97		9.836	9.836	(0.902)	47417	0.50000	0.52
42 Carbon tetrachloride	117		10.034	10.040	(0.920)	53099	0.50000	0.50
43 2,2,4-Trimethylpentane	57		10.323	10.328	(0.947)	57346	0.50000	0.52
44 Benzene	78		10.361	10.366	(0.950)	49119	0.50000	0.54
45 1,2-Dichloroethane	62		10.462	10.468	(0.959)	23379	0.50000	0.51
46 n-Heptane	43		10.580	10.580	(0.970)	18190	0.50000	0.54
* 47 1,4-Difluorobenzene	114		10.906	10.912	(1.000)	1760401	10.0000	
49 Trichloroethene	95		11.270	11.270	(1.033)	27759	0.50000	0.53
50 1,2-Dichloropropane	63		11.645	11.645	(1.068)	15121	0.50000	0.52
51 Methyl methacrylate	69		11.698	11.698	(1.073)	9601	0.50000	0.42(a)
52 Dibromomethane	174		11.826	11.826	(1.084)	23503	0.50000	0.50
53 1,4-Dioxane	88		Compound Not Detected.					
54 Bromodichloromethane	83		11.998	12.003	(1.100)	41575	0.50000	0.50
55 1,3-Dichloropropene (cis)	75		12.629	12.634	(1.158)	25607	0.50000	0.49
56 Methyl isobutyl ketone	43		12.800	12.795	(1.174)	15724	0.50000	0.46(a)
57 n-Octane	43		13.057	13.057	(1.197)	24498	0.50000	0.57
58 Toluene	92		13.062	13.068	(0.869)	37823	0.50000	0.58
59 1,3-Dichloropropene (trans)	75		13.426	13.431	(1.231)	26118	0.50000	0.48
60 1,1,2-Trichloroethane	83		13.699	13.699	(0.911)	19675	0.50000	0.54
61 Tetrachloroethene	166		13.827	13.833	(0.920)	38105	0.50000	0.56
62 2-Hexanone	43		13.977	13.972	(0.930)	14618	0.50000	0.47(a)
63 Dibromochloromethane	129		14.255	14.255	(0.948)	43550	0.50000	0.48
64 1,2-Dibromoethane	107		14.453	14.458	(0.962)	37822	0.50000	0.51
* 65 Chlorobenzene-d5	117		15.031	15.031	(1.000)	1592668	10.0000	
66 Chlorobenzene	112		15.068	15.074	(1.002)	55487	0.50000	0.53
67 n-Nonane	57		15.181	15.181	(1.010)	25605	0.50000	0.56
68 Ethylbenzene	91		15.143	15.143	(1.007)	78915	0.50000	0.55
69 Xylene (m,p)	106		15.293	15.298	(1.017)	65514	1.00000	1.2
M 70 Xylenes, Total	106					98420	0.50000	1.7

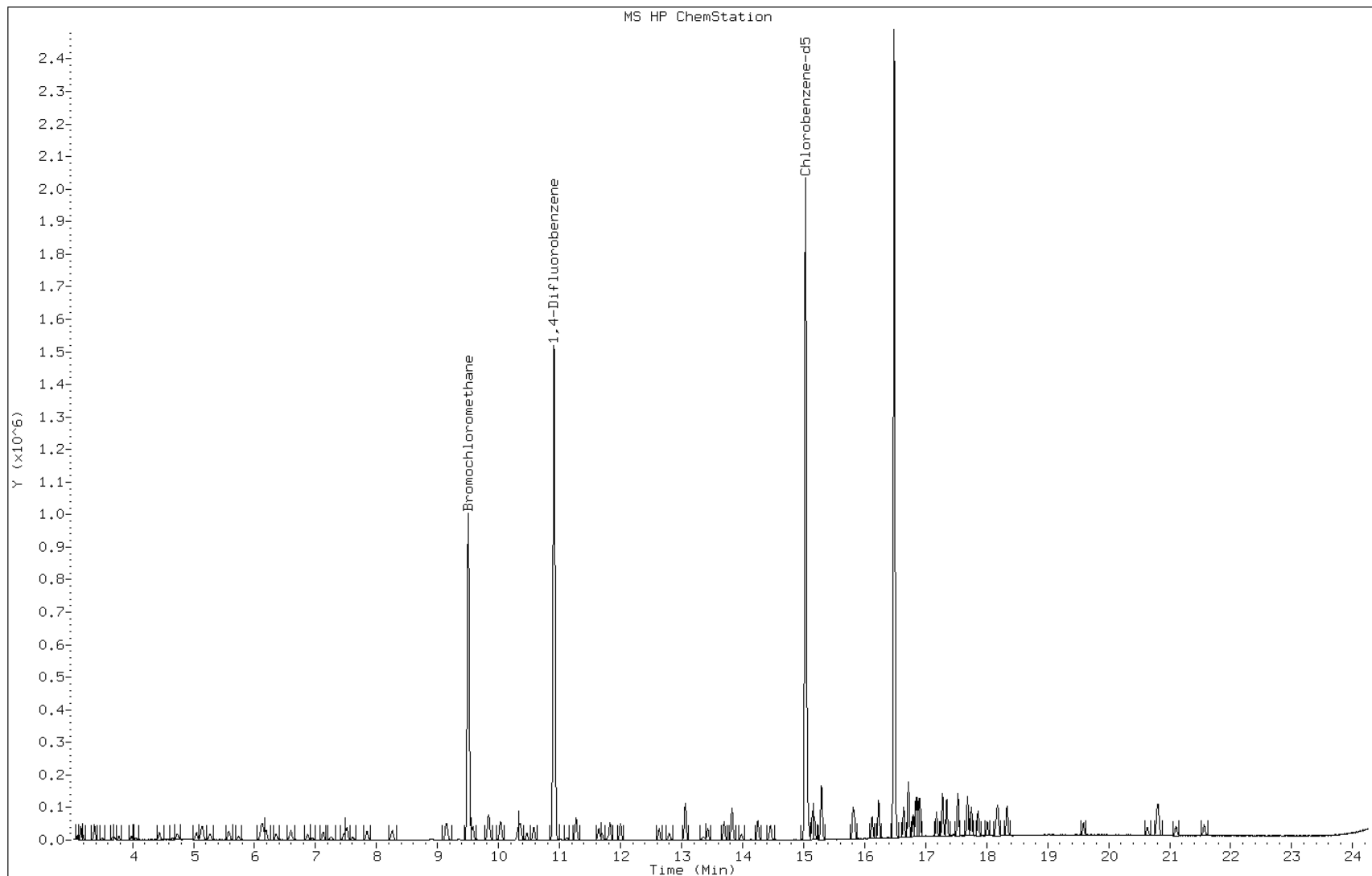
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
71 Xylene (o)	106	15.812	15.812	(1.052)	32906	0.50000	0.55
72 Styrene	104	15.839	15.839	(1.054)	35721	0.50000	0.46
73 Bromoform	173	16.122	16.122	(1.073)	35779	0.50000	0.45
74 Isopropylbenzene	105	16.229	16.229	(1.080)	95621	0.50000	0.55
75 1,1,2,2-Tetrachloroethane	83	16.636	16.641	(1.107)	48496	0.50000	0.54
76 n-Propylbenzene	91	16.711	16.716	(1.112)	99869	0.50000	0.55
77 1,2,3-Trichloropropane	75	16.721	16.727	(1.112)	34397	0.50000	0.59
78 n-Decane	57	16.791	16.796	(1.117)	23750	0.50000	0.45(a)
79 4-Ethyltoluene	105	16.839	16.844	(1.120)	87153	0.50000	0.53
80 2-Chlorotoluene	91	16.871	16.876	(1.122)	84814	0.50000	0.55
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	73373	0.50000	0.52
82 Alpha Methyl Styrene	118	17.176	17.176	(1.143)	26923	0.50000	0.42
83 tert-butylbenzene	119	17.278	17.278	(1.149)	79726	0.50000	0.56
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	72185	0.50000	0.51
85 sec-Butylbenzene	105	17.529	17.535	(1.166)	113382	0.50000	0.55
86 4-Isopropyltoluene	119	17.684	17.690	(1.177)	87196	0.50000	0.51
87 1,3-Dichlorobenzene	146	17.749	17.749	(1.181)	45637	0.50000	0.46
88 1,4-Dichlorobenzene	146	17.861	17.861	(1.188)	41214	0.50000	0.44
89 Benzyl chloride	91	18.016	18.016	(1.199)	39337	0.50000	0.41
91 n-Butylbenzene	91	18.182	18.187	(1.210)	57078	0.50000	0.45
92 1,2-Dichlorobenzene	146	18.332	18.337	(1.220)	49122	0.50000	0.49
94 1,2,4-Trichlorobenzene	180	20.637	20.637	(1.373)	13180	0.50000	0.30(a)
95 1,3-Hexachlorobutadiene	225	20.803	20.809	(1.384)	27544	0.50000	0.53
96 Naphthalene	128	21.108	21.108	(1.404)	36765	0.50000	0.34(a)
97 1,2,3-Trichlorobenzene	180	21.568	21.568	(1.435)	17530	0.50000	0.43

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: gfg004.d
Client ID: ic 109450
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 109450
Lab Sample ID: ic 109450

Date: 05-APR-2011 13:57
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg005.d
 Lab Smp Id: ic 109449 Client Smp ID: ic 109449
 Inj Date : 05-APR-2011 14:48
 Operator : wrd Inst ID: G.i
 Smp Info : ic 109449
 Misc Info : 200,1,level 3
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 14:48 Cal File: gfg005.d
 Als bottle: 4 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	3.096	3.096	(0.326)	39241	5.00000	4.8(a)
2 Dichlorodifluoromethane	85	3.154	3.155	(0.332)	300138	5.00000	5.1
3 Chlorodifluoromethane	51	3.187	3.187	(0.335)	119627	5.00000	5.0
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.374	3.374	(0.355)	256947	5.00000	5.1
5 Chloromethane	50	3.497	3.497	(0.368)	50057	5.00000	4.8
6 Butane	43	3.673	3.673	(0.386)	73827	5.00000	4.8
7 Vinyl chloride	62	3.705	3.711	(0.390)	70415	5.00000	4.9
8 1,3-Butadiene	54	3.775	3.775	(0.397)	45195	5.00000	4.9
9 Bromomethane	94	4.438	4.438	(0.467)	163994	5.00000	5.1
10 Chloroethane	64	4.658	4.658	(0.490)	54985	5.00000	5.0
11 2-Methylbutane	43	4.738	4.738	(0.498)	94059	5.00000	4.9
12 Vinyl bromide	106	5.043	5.048	(0.531)	182235	5.00000	5.1
13 Trichlorofluoromethane	101	5.139	5.145	(0.541)	543391	5.00000	5.1
14 Pentane	43	5.273	5.273	(0.555)	164322	5.00000	5.1

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.578	5.583	(0.587)	66767	10.0000	9.1
16 Ethyl ether	59	5.728	5.728	(0.603)	71875	5.00000	5.0
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.124	6.124	(0.644)	391763	5.00000	5.1
18 Acrolein	56	6.081	6.081	(0.640)	37340	5.00000	5.4
19 1,1-Dichloroethene	96	6.188	6.193	(0.651)	167178	5.00000	5.0
20 Acetone	43	6.348	6.348	(0.668)	188648	5.00000	6.3
21 Carbon disulfide	76	6.594	6.600	(0.694)	773326	5.00000	7.5
22 Isopropanol	45	6.552	6.557	(0.689)	101607	5.00000	5.1
23 Allyl chloride	41	6.873	6.873	(0.723)	113790	5.00000	5.0
24 Acetonitrile	41	6.942	6.947	(0.730)	59801	5.00000	5.2
25 Methylene chloride	49	7.119	7.124	(0.749)	130383	5.00000	5.0
26 Tert-butyl alcohol	59	7.236	7.242	(0.761)	179813	5.00000	4.8(a)
27 Methyl tert-butyl ether	73	7.466	7.472	(0.786)	369957	5.00000	5.0
28 1,2-Dichloroethene (trans)	61	7.514	7.520	(0.791)	210741	5.00000	5.1
29 Acrylonitrile	53	7.605	7.605	(0.800)	66381	5.00000	5.1
30 n-Hexane	57	7.841	7.846	(0.825)	176328	5.00000	5.1
31 1,1-Dichloroethane	63	8.247	8.253	(0.868)	259748	5.00000	5.1
32 Vinyl acetate	43	8.269	8.269	(0.870)	211677	5.00000	5.2
M 33 1,2-Dichloroethene,Total	61				399588	10.0000	10
34 1,2-Dichloroethene (cis)	96	9.141	9.141	(0.962)	188847	5.00000	5.1
35 Ethyl acetate	88	9.162	9.168	(0.964)	9858	5.00000	5.3
36 Methyl Ethyl Ketone	72	9.141	9.146	(0.962)	58509	5.00000	5.4(Q)
* 37 Bromochloromethane	128	9.505	9.510	(1.000)	400629	10.0000	
38 Tetrahydrofuran	42	9.521	9.521	(0.873)	84662	5.00000	4.9(a)
39 Chloroform	83	9.579	9.585	(1.008)	396933	5.00000	5.1
40 Cyclohexane	84	9.836	9.842	(0.901)	209208	5.00000	4.9
41 1,1,1-Trichloroethane	97	9.836	9.836	(0.901)	452724	5.00000	4.9
42 Carbon tetrachloride	117	10.034	10.040	(0.920)	521477	5.00000	4.8
43 2,2,4-Trimethylpentane	57	10.323	10.328	(0.946)	553170	5.00000	5.0
44 Benzene	78	10.361	10.366	(0.950)	457645	5.00000	5.0
45 1,2-Dichloroethane	62	10.468	10.468	(0.959)	226695	5.00000	4.9
46 n-Heptane	43	10.580	10.580	(0.970)	169551	5.00000	4.9
* 47 1,4-Difluorobenzene	114	10.912	10.912	(1.000)	1788619	10.0000	
48 n-Butanol	56	11.099	11.099	(1.017)	43269	5.00000	4.4(a)
49 Trichloroethene	95	11.270	11.270	(1.033)	263590	5.00000	4.9
50 1,2-Dichloropropane	63	11.644	11.645	(1.067)	141773	5.00000	4.8
51 Methyl methacrylate	69	11.693	11.698	(1.072)	114891	5.00000	5.0
52 Dibromomethane	174	11.826	11.826	(1.084)	236298	5.00000	4.9
53 1,4-Dioxane	88	11.773	11.778	(1.079)	63145	5.00000	4.9(a)
54 Bromodichloromethane	83	11.998	12.003	(1.100)	416179	5.00000	5.0
55 1,3-Dichloropropene (cis)	75	12.634	12.634	(1.158)	260891	5.00000	4.9
56 Methyl isobutyl ketone	43	12.795	12.795	(1.173)	162599	5.00000	4.7
57 n-Octane	43	13.057	13.057	(1.197)	221601	5.00000	5.1
58 Toluene	92	13.062	13.068	(0.869)	345365	5.00000	5.1
59 1,3-Dichloropropene (trans)	75	13.426	13.431	(1.230)	267352	5.00000	4.8
60 1,1,2-Trichloroethane	83	13.699	13.699	(0.911)	183739	5.00000	4.9
61 Tetrachloroethene	166	13.827	13.833	(0.920)	351041	5.00000	4.9

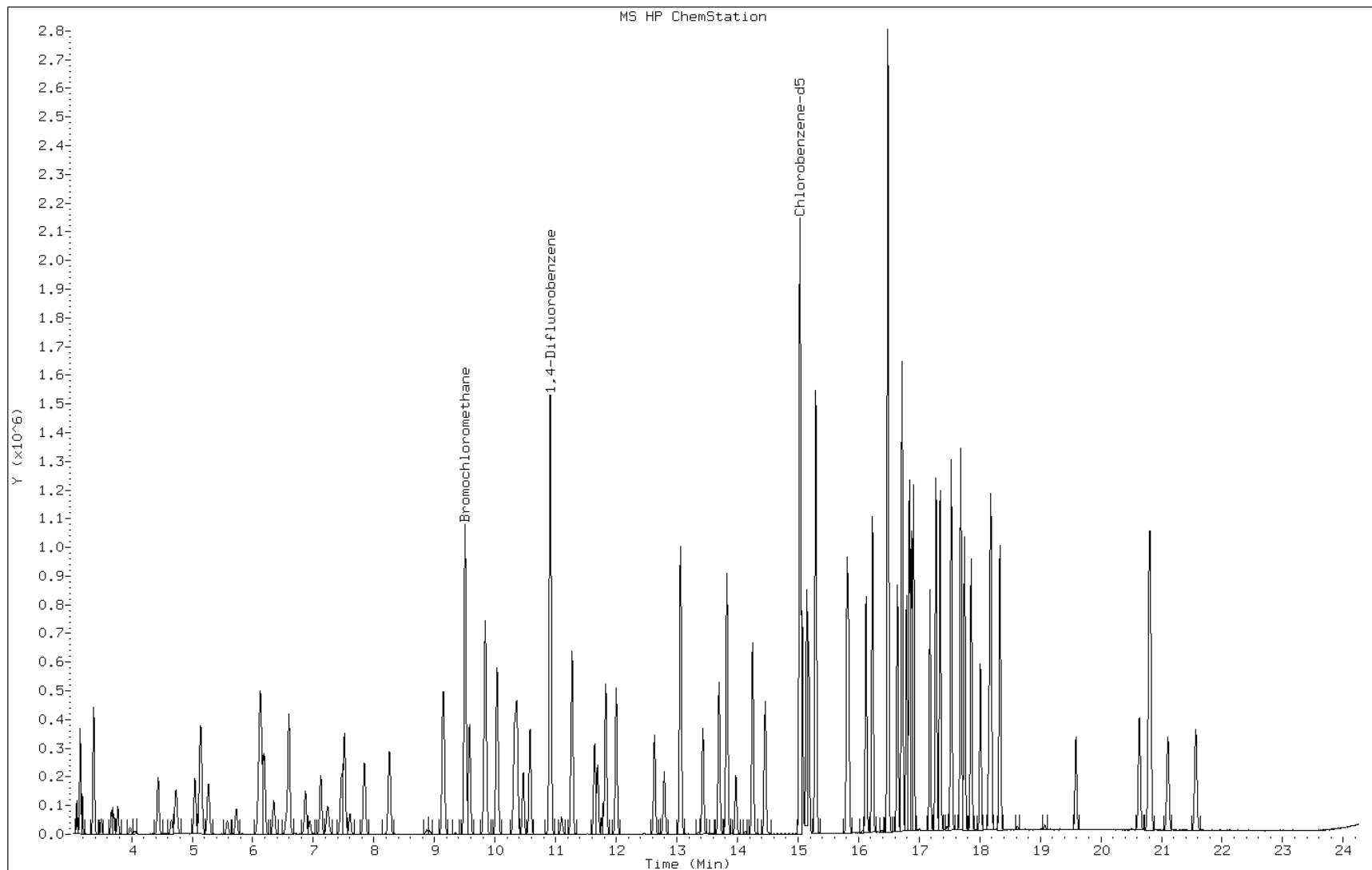
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.972	13.972	(0.930)	151341	5.00000	4.7
63 Dibromochloromethane	129	14.250	14.255	(0.948)	482064	5.00000	5.1
64 1,2-Dibromoethane	107	14.458	14.458	(0.962)	387932	5.00000	5.0
* 65 Chlorobenzene-d5	117	15.031	15.031	(1.000)	1659645	10.00000	
66 Chlorobenzene	112	15.068	15.074	(1.002)	531933	5.00000	4.9
67 n-Nonane	57	15.175	15.181	(1.010)	248440	5.00000	5.2
68 Ethylbenzene	91	15.143	15.143	(1.007)	744842	5.00000	5.0
69 Xylene (m,p)	106	15.293	15.298	(1.017)	608743	10.00000	10
M 70 Xylenes, Total	106				924368	5.00000	15
71 Xylene (o)	106	15.812	15.812	(1.052)	315625	5.00000	5.1
72 Styrene	104	15.833	15.839	(1.053)	411239	5.00000	5.1
73 Bromoform	173	16.122	16.122	(1.073)	436966	5.00000	5.3
74 Isopropylbenzene	105	16.229	16.229	(1.080)	904730	5.00000	5.0
75 1,1,2,2-Tetrachloroethane	83	16.641	16.641	(1.107)	472491	5.00000	5.1
76 n-Propylbenzene	91	16.711	16.716	(1.112)	1007080	5.00000	5.3
77 1,2,3-Trichloropropane	75	16.721	16.727	(1.112)	326960	5.00000	5.4
78 n-Decane	57	16.791	16.796	(1.117)	307440	5.00000	5.6
79 4-Ethyltoluene	105	16.839	16.844	(1.120)	893702	5.00000	5.2
80 2-Chlorotoluene	91	16.871	16.876	(1.122)	825198	5.00000	5.1
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	760986	5.00000	5.1
82 Alpha Methyl Styrene	118	17.176	17.176	(1.143)	301187	5.00000	4.5
83 tert-butylbenzene	119	17.278	17.278	(1.149)	775269	5.00000	5.2
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	776908	5.00000	5.3
85 sec-Butylbenzene	105	17.529	17.535	(1.166)	1130249	5.00000	5.2
86 4-Isopropyltoluene	119	17.684	17.690	(1.177)	953300	5.00000	5.4
87 1,3-Dichlorobenzene	146	17.748	17.749	(1.181)	523944	5.00000	5.1
88 1,4-Dichlorobenzene	146	17.861	17.861	(1.188)	499077	5.00000	5.1
89 Benzyl chloride	91	18.011	18.016	(1.198)	510742	5.00000	5.1
90 Undecane	57	18.160	18.160	(1.208)	196898	5.00000	4.7(a)
91 n-Butylbenzene	91	18.182	18.187	(1.210)	765138	5.00000	5.8
92 1,2-Dichlorobenzene	146	18.332	18.337	(1.220)	541533	5.00000	5.2
93 Dodecane	57	19.589	19.589	(1.303)	143937	5.00000	5.1
94 1,2,4-Trichlorobenzene	180	20.637	20.637	(1.373)	196968	5.00000	4.2
95 1,3-Hexachlorobutadiene	225	20.808	20.809	(1.384)	304815	5.00000	5.6
96 Naphthalene	128	21.108	21.108	(1.404)	466422	5.00000	4.2
97 1,2,3-Trichlorobenzene	180	21.563	21.568	(1.435)	195354	5.00000	4.7

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: gfg005.d
Client ID: ic 109449
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 109449
Lab Sample ID: ic 109449

Date: 05-APR-2011 14:48
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg006.d
 Lab Smp Id: icis 126754 Client Smp ID: icis 126754
 Inj Date : 05-APR-2011 15:39
 Operator : wrd Inst ID: G.i
 Smp Info : icis 126754
 Misc Info : 200,1,level 4
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 15:39 Cal File: gfg006.d
 Als bottle: 5 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

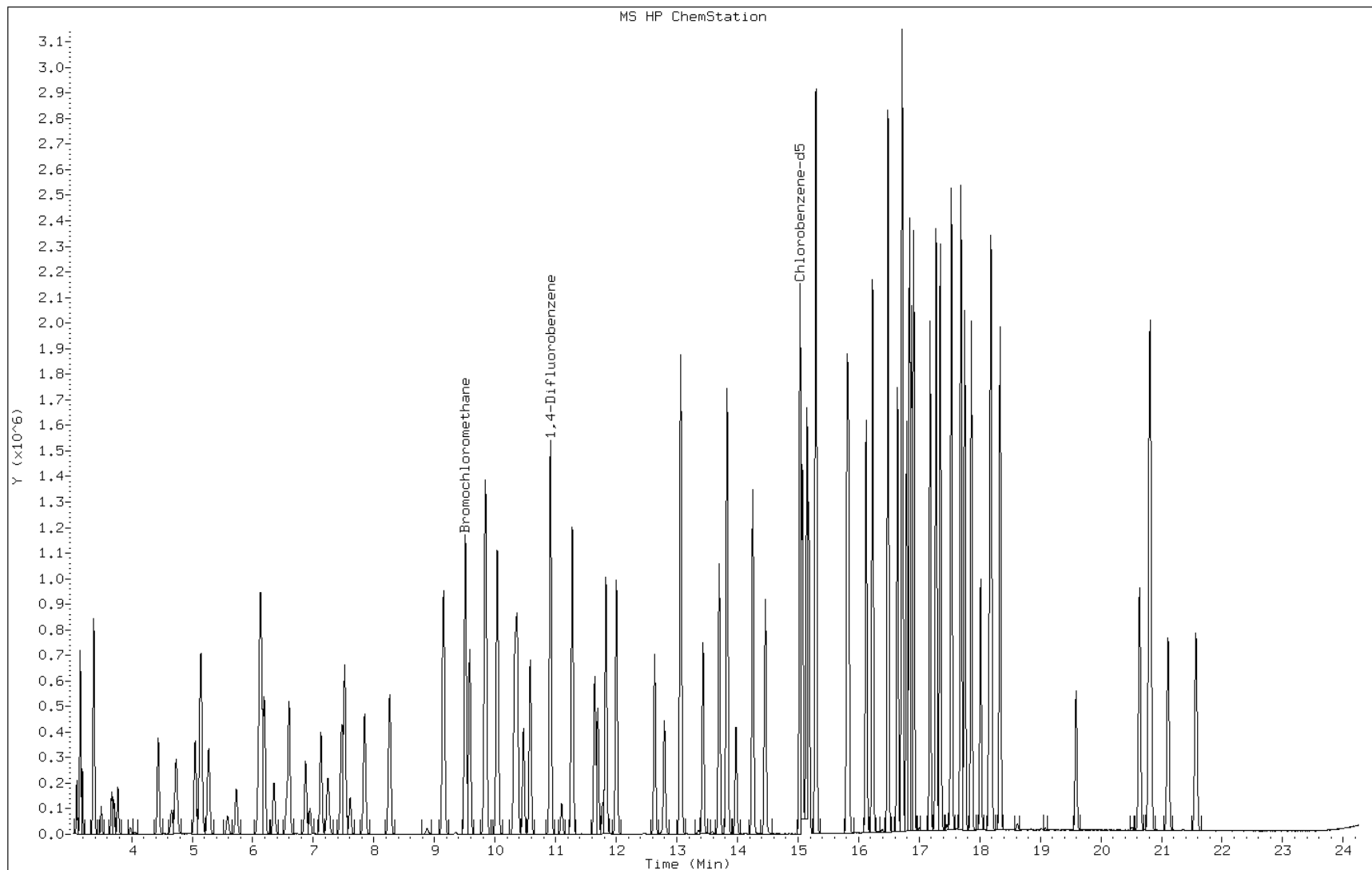
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41		3.096	3.096	(0.326)	74817	10.0000	9.2
2 Dichlorodifluoromethane	85		3.155	3.155	(0.332)	570144	10.0000	9.7
3 Chlorodifluoromethane	51		3.187	3.187	(0.335)	225197	10.0000	9.5
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.374	3.374	(0.355)	488478	10.0000	9.7
5 Chloromethane	50		3.497	3.497	(0.368)	97042	10.0000	9.5
6 Butane	43		3.673	3.673	(0.386)	143887	10.0000	9.4
7 Vinyl chloride	62		3.711	3.711	(0.390)	135140	10.0000	9.6
8 1,3-Butadiene	54		3.775	3.775	(0.397)	86353	10.0000	9.4
9 Bromomethane	94		4.438	4.438	(0.467)	306547	10.0000	9.5
10 Chloroethane	64		4.658	4.658	(0.490)	106005	10.0000	9.7
11 2-Methylbutane	43		4.738	4.738	(0.498)	180597	10.0000	9.6
12 Vinyl bromide	106		5.048	5.048	(0.531)	344218	10.0000	9.7
13 Trichlorofluoromethane	101		5.145	5.145	(0.541)	1021937	10.0000	9.6
14 Pentane	43		5.273	5.273	(0.554)	313109	10.0000	9.7

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.583	5.583	(0.587)	103292	15.0000	14
16 Ethyl ether	59	5.728	5.728	(0.602)	149448	10.0000	10
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.124	6.124	(0.644)	746649	10.0000	9.8
18 Acrolein	56	6.081	6.081	(0.639)	63223	10.0000	9.2
19 1,1-Dichloroethene	96	6.193	6.193	(0.651)	320092	10.0000	9.6
20 Acetone	43	6.348	6.348	(0.668)	333063	10.0000	11
21 Carbon disulfide	76	6.600	6.600	(0.694)	962718	10.0000	9.4
22 Isopropanol	45	6.557	6.557	(0.689)	218413	10.0000	11
23 Allyl chloride	41	6.873	6.873	(0.723)	216006	10.0000	9.5
24 Acetonitrile	41	6.947	6.947	(0.731)	123197	10.0000	11
25 Methylene chloride	49	7.124	7.124	(0.749)	248398	10.0000	9.6
26 Tert-butyl alcohol	59	7.242	7.242	(0.761)	405725	10.0000	11
27 Methyl tert-butyl ether	73	7.472	7.472	(0.786)	761395	10.0000	10
28 1,2-Dichloroethene (trans)	61	7.520	7.520	(0.791)	399913	10.0000	9.8
29 Acrylonitrile	53	7.605	7.605	(0.800)	136244	10.0000	10
30 n-Hexane	57	7.846	7.846	(0.825)	336167	10.0000	9.8
31 1,1-Dichloroethane	63	8.253	8.253	(0.868)	493542	10.0000	9.8
32 Vinyl acetate	43	8.269	8.269	(0.869)	415700	10.0000	10
M 33 1,2-Dichloroethene,Total	61				756878	20.0000	20
34 1,2-Dichloroethene (cis)	96	9.141	9.141	(0.961)	356965	10.0000	9.8
35 Ethyl acetate	88	9.168	9.168	(0.964)	20513	10.0000	11
36 Methyl Ethyl Ketone	72	9.146	9.146	(0.962)	111930	10.0000	10
* 37 Bromochloromethane	128	9.510	9.510	(1.000)	397360	10.0000	
38 Tetrahydrofuran	42	9.521	9.521	(0.873)	171581	10.0000	10
39 Chloroform	83	9.585	9.585	(1.008)	756590	10.0000	9.8
40 Cyclohexane	84	9.842	9.842	(0.902)	397701	10.0000	9.5
41 1,1,1-Trichloroethane	97	9.836	9.836	(0.901)	864996	10.0000	9.5
42 Carbon tetrachloride	117	10.040	10.040	(0.920)	1024165	10.0000	9.5
43 2,2,4-Trimethylpentane	57	10.328	10.328	(0.947)	1051297	10.0000	9.5
44 Benzene	78	10.366	10.366	(0.950)	859977	10.0000	9.4
45 1,2-Dichloroethane	62	10.468	10.468	(0.959)	439990	10.0000	9.5
46 n-Heptane	43	10.580	10.580	(0.970)	320769	10.0000	9.4
* 47 1,4-Difluorobenzene	114	10.912	10.912	(1.000)	1772330	10.0000	
48 n-Butanol	56	11.099	11.099	(1.017)	87510	10.0000	9.0
49 Trichloroethene	95	11.270	11.270	(1.033)	503066	10.0000	9.5
50 1,2-Dichloropropane	63	11.645	11.645	(1.067)	283109	10.0000	9.7
51 Methyl methacrylate	69	11.698	11.698	(1.072)	239770	10.0000	10
52 Dibromomethane	174	11.826	11.826	(1.084)	457483	10.0000	9.7
53 1,4-Dioxane	88	11.778	11.778	(1.079)	130653	10.0000	10
54 Bromodichloromethane	83	12.003	12.003	(1.100)	816569	10.0000	9.8
55 1,3-Dichloropropene (cis)	75	12.634	12.634	(1.158)	517150	10.0000	9.8
56 Methyl isobutyl ketone	43	12.795	12.795	(1.173)	341840	10.0000	10
57 n-Octane	43	13.057	13.057	(1.197)	413924	10.0000	9.6
58 Toluene	92	13.068	13.068	(0.869)	653172	10.0000	9.7
59 1,3-Dichloropropene (trans)	75	13.431	13.431	(1.231)	536614	10.0000	9.7
60 1,1,2-Trichloroethane	83	13.699	13.699	(0.911)	365891	10.0000	9.8
61 Tetrachloroethene	166	13.833	13.833	(0.920)	684160	10.0000	9.6

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.972	13.972	(0.930)	320458	10.0000	9.9
63 Dibromochloromethane	129	14.255	14.255	(0.948)	980110	10.0000	10
64 1,2-Dibromoethane	107	14.458	14.458	(0.962)	778347	10.0000	10
* 65 Chlorobenzene-d5	117	15.031	15.031	(1.000)	1653242	10.0000	
66 Chlorobenzene	112	15.074	15.074	(1.003)	1051499	10.0000	9.7
67 n-Nonane	57	15.181	15.181	(1.010)	471014	10.0000	10
68 Ethylbenzene	91	15.143	15.143	(1.007)	1476796	10.0000	9.9
69 Xylene (m,p)	106	15.298	15.298	(1.018)	1186237	20.0000	20
M 70 Xylenes, Total	106				1814475	10.0000	30
71 Xylene (o)	106	15.812	15.812	(1.052)	628238	10.0000	10
72 Styrene	104	15.839	15.839	(1.054)	860989	10.0000	11
73 Bromoform	173	16.122	16.122	(1.073)	881483	10.0000	11
74 Isopropylbenzene	105	16.229	16.229	(1.080)	1819261	10.0000	10
75 1,1,2,2-Tetrachloroethane	83	16.641	16.641	(1.107)	941990	10.0000	10
76 n-Propylbenzene	91	16.716	16.716	(1.112)	1980189	10.0000	10
77 1,2,3-Trichloropropane	75	16.727	16.727	(1.113)	636380	10.0000	11
78 n-Decane	57	16.796	16.796	(1.117)	609047	10.0000	11
79 4-Ethyltoluene	105	16.844	16.844	(1.121)	1807288	10.0000	11
80 2-Chlorotoluene	91	16.876	16.876	(1.123)	1625762	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	1529096	10.0000	10
82 Alpha Methyl Styrene	118	17.176	17.176	(1.143)	752169	10.0000	11
83 tert-butylbenzene	119	17.278	17.278	(1.149)	1513279	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	1542219	10.0000	10
85 sec-Butylbenzene	105	17.535	17.535	(1.167)	2222132	10.0000	10
86 4-Isopropyltoluene	119	17.690	17.690	(1.177)	1885882	10.0000	11
87 1,3-Dichlorobenzene	146	17.749	17.749	(1.181)	1077514	10.0000	11
88 1,4-Dichlorobenzene	146	17.861	17.861	(1.188)	1042781	10.0000	11
89 Benzyl chloride	91	18.016	18.016	(1.199)	863470	10.0000	8.6
90 Undecane	57	18.160	18.160	(1.208)	382507	10.0000	9.2
91 n-Butylbenzene	91	18.187	18.187	(1.210)	1531663	10.0000	12
92 1,2-Dichlorobenzene	146	18.337	18.337	(1.220)	1093613	10.0000	10
93 Dodecane	57	19.589	19.589	(1.303)	250724	10.0000	8.9
94 1,2,4-Trichlorobenzene	180	20.637	20.637	(1.373)	485515	10.0000	10
95 1,3-Hexachlorobutadiene	225	20.809	20.809	(1.384)	580849	10.0000	11
96 Naphthalene	128	21.108	21.108	(1.404)	1073279	10.0000	9.7
97 1,2,3-Trichlorobenzene	180	21.568	21.568	(1.435)	436591	10.0000	10

Data File: gfg006.d
Client ID: icis 126754
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icis 126754
Lab Sample ID: icis 126754

Date: 05-APR-2011 15:39
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg007.d
 Lab Smp Id: ic 109427 Client Smp ID: ic 109427
 Inj Date : 05-APR-2011 16:31
 Operator : wrd Inst ID: G.i
 Smp Info : ic 109427
 Misc Info : 200,1,level 5
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 16:31 Cal File: gfg007.d
 Als bottle: 6 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

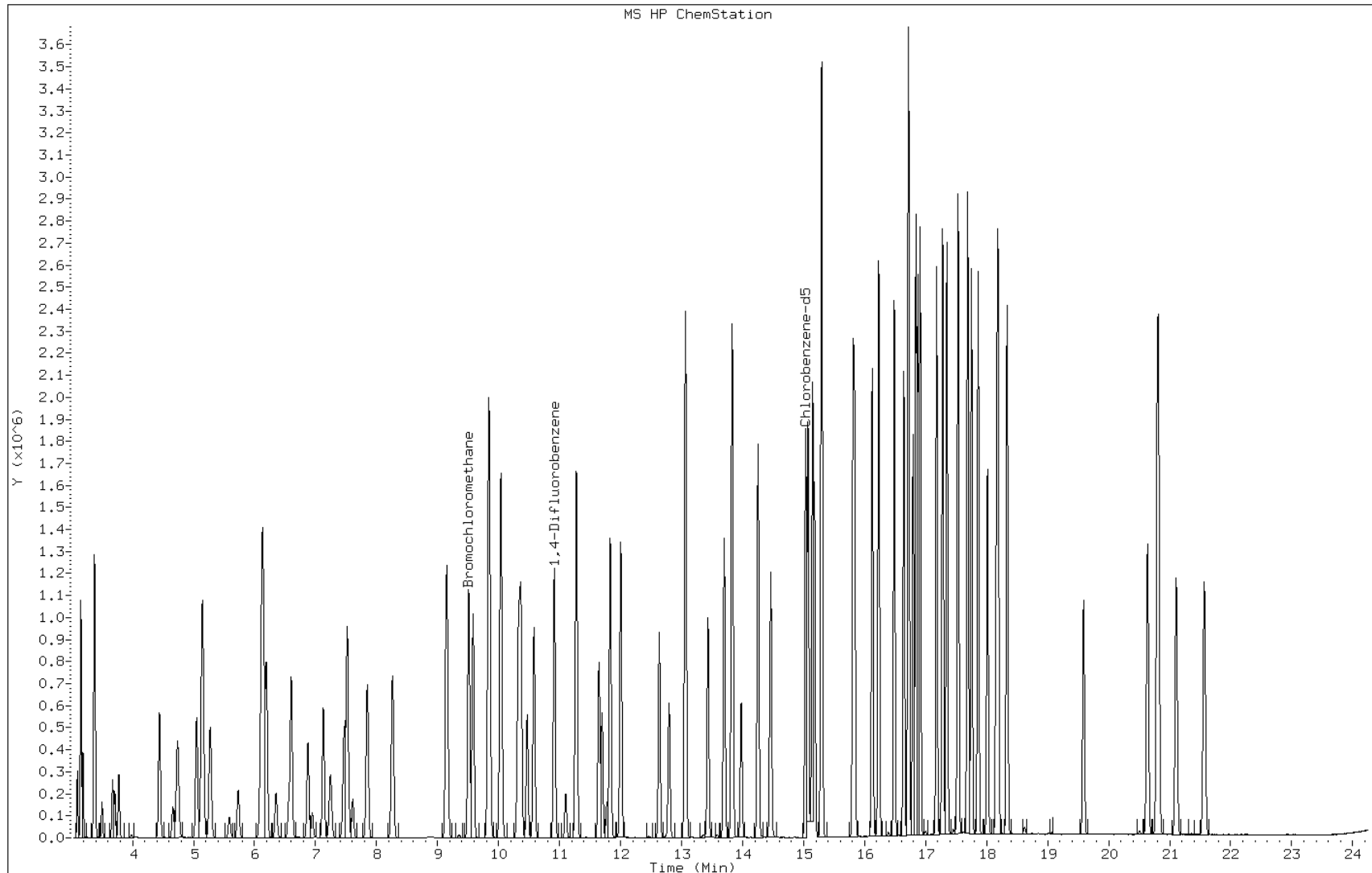
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41		3.096	3.096	(0.326)	113953	15.0000	15
2 Dichlorodifluoromethane	85		3.154	3.155	(0.332)	862503	15.0000	16
3 Chlorodifluoromethane	51		3.187	3.187	(0.335)	343580	15.0000	16
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.374	3.374	(0.355)	745369	15.0000	16
5 Chloromethane	50		3.497	3.497	(0.368)	149318	15.0000	16
6 Butane	43		3.673	3.673	(0.386)	226822	15.0000	16
7 Vinyl chloride	62		3.711	3.711	(0.390)	212749	15.0000	16
8 1,3-Butadiene	54		3.780	3.775	(0.398)	137728	15.0000	16
9 Bromomethane	94		4.438	4.438	(0.467)	467416	15.0000	16
10 Chloroethane	64		4.663	4.658	(0.490)	162547	15.0000	16
11 2-Methylbutane	43		4.738	4.738	(0.498)	273025	15.0000	16
12 Vinyl bromide	106		5.048	5.048	(0.531)	529951	15.0000	16
13 Trichlorofluoromethane	101		5.145	5.145	(0.541)	1559303	15.0000	16
14 Pentane	43		5.273	5.273	(0.554)	470314	15.0000	16

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.583	5.583	(0.587)	139898	20.0000	21
16 Ethyl ether	59	5.733	5.728	(0.603)	183109	15.0000	14
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.129	6.124	(0.644)	1111468	15.0000	16
18 Acrolein	56	6.086	6.081	(0.640)	91615	15.0000	14
19 1,1-Dichloroethene	96	6.193	6.193	(0.651)	483583	15.0000	16
20 Acetone	43	6.354	6.348	(0.668)	335177	15.0000	12
21 Carbon disulfide	76	6.600	6.600	(0.694)	1335282	15.0000	14
22 Isopropanol	45	6.562	6.557	(0.690)	278708	15.0000	15
23 Allyl chloride	41	6.878	6.873	(0.723)	323512	15.0000	15
24 Acetonitrile	41	6.947	6.947	(0.731)	145803	15.0000	14
25 Methylene chloride	49	7.124	7.124	(0.749)	374081	15.0000	16
26 Tert-butyl alcohol	59	7.247	7.242	(0.762)	531116	15.0000	16
27 Methyl tert-butyl ether	73	7.472	7.472	(0.786)	903119	15.0000	13
28 1,2-Dichloroethene (trans)	61	7.525	7.520	(0.791)	597535	15.0000	16
29 Acrylonitrile	53	7.605	7.605	(0.800)	164547	15.0000	14
30 n-Hexane	57	7.852	7.846	(0.826)	498435	15.0000	16
31 1,1-Dichloroethane	63	8.253	8.253	(0.868)	698753	15.0000	15
32 Vinyl acetate	43	8.274	8.269	(0.870)	525798	15.0000	14
M 33 1,2-Dichloroethene,Total	61				1117925	30.0000	31
34 1,2-Dichloroethene (cis)	96	9.146	9.141	(0.962)	520390	15.0000	15
35 Ethyl acetate	88	9.168	9.168	(0.964)	23494	15.0000	14
36 Methyl Ethyl Ketone	72	9.146	9.146	(0.962)	127613	15.0000	13
* 37 Bromochloromethane	128	9.510	9.510	(1.000)	368351	10.0000	
38 Tetrahydrofuran	42	9.521	9.521	(0.873)	203543	15.0000	15
39 Chloroform	83	9.585	9.585	(1.008)	1067177	15.0000	15
40 Cyclohexane	84	9.847	9.842	(0.902)	583732	15.0000	17
41 1,1,1-Trichloroethane	97	9.836	9.836	(0.901)	1246928	15.0000	17
42 Carbon tetrachloride	117	10.040	10.040	(0.920)	1515510	15.0000	18
43 2,2,4-Trimethylpentane	57	10.328	10.328	(0.947)	1465916	15.0000	17
44 Benzene	78	10.366	10.366	(0.950)	1137798	15.0000	16
45 1,2-Dichloroethane	62	10.468	10.468	(0.959)	590761	15.0000	16
46 n-Heptane	43	10.580	10.580	(0.970)	449242	15.0000	16
* 47 1,4-Difluorobenzene	114	10.912	10.912	(1.000)	1418393	10.0000	
48 n-Butanol	56	11.104	11.099	(1.018)	144254	15.0000	18
49 Trichloroethene	95	11.270	11.270	(1.033)	702379	15.0000	17
50 1,2-Dichloropropane	63	11.644	11.645	(1.067)	363311	15.0000	16
51 Methyl methacrylate	69	11.698	11.698	(1.072)	279920	15.0000	15
52 Dibromomethane	174	11.826	11.826	(1.084)	632881	15.0000	17
53 1,4-Dioxane	88	11.778	11.778	(1.079)	170984	15.0000	17
54 Bromodichloromethane	83	12.003	12.003	(1.100)	1104209	15.0000	17
55 1,3-Dichloropropene (cis)	75	12.634	12.634	(1.158)	691871	15.0000	16
56 Methyl isobutyl ketone	43	12.795	12.795	(1.173)	473115	15.0000	17
57 n-Octane	43	13.057	13.057	(1.197)	542725	15.0000	16
58 Toluene	92	13.067	13.068	(0.869)	824307	15.0000	14
59 1,3-Dichloropropene (trans)	75	13.431	13.431	(1.231)	724089	15.0000	16
60 1,1,2-Trichloroethane	83	13.699	13.699	(0.911)	474972	15.0000	15
61 Tetrachloroethene	166	13.832	13.833	(0.920)	929816	15.0000	15

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.977	13.972	(0.930)	468678	15.0000	17
63 Dibromochloromethane	129	14.255	14.255	(0.948)	1317191	15.0000	16
64 1,2-Dibromoethane	107	14.458	14.458	(0.962)	1017092	15.0000	16
* 65 Chlorobenzene-d5	117	15.031	15.031	(1.000)	1400203	10.0000	
66 Chlorobenzene	112	15.068	15.074	(1.002)	1384841	15.0000	15
67 n-Nonane	57	15.181	15.181	(1.010)	591526	15.0000	15
68 Ethylbenzene	91	15.149	15.143	(1.008)	1827329	15.0000	15
69 Xylene (m,p)	106	15.298	15.298	(1.018)	1439420	30.0000	29
M 70 Xylenes, Total	106				2191977	15.0000	43
71 Xylene (o)	106	15.812	15.812	(1.052)	752557	15.0000	14
72 Styrene	104	15.839	15.839	(1.054)	1094316	15.0000	16
73 Bromoform	173	16.122	16.122	(1.073)	1176257	15.0000	17
74 Isopropylbenzene	105	16.229	16.229	(1.080)	2190570	15.0000	14
75 1,1,2,2-Tetrachloroethane	83	16.641	16.641	(1.107)	1148870	15.0000	15
76 n-Propylbenzene	91	16.716	16.716	(1.112)	2339939	15.0000	15
77 1,2,3-Trichloropropane	75	16.727	16.727	(1.113)	746945	15.0000	15
78 n-Decane	57	16.796	16.796	(1.117)	704234	15.0000	15
79 4-Ethyltoluene	105	16.839	16.844	(1.120)	2139793	15.0000	15
80 2-Chlorotoluene	91	16.876	16.876	(1.123)	2012764	15.0000	15
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	1807301	15.0000	14
82 Alpha Methyl Styrene	118	17.176	17.176	(1.143)	983637	15.0000	18
83 tert-butylbenzene	119	17.278	17.278	(1.149)	1775680	15.0000	14
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	1818527	15.0000	15
85 sec-Butylbenzene	105	17.534	17.535	(1.167)	2599689	15.0000	14
86 4-Isopropyltoluene	119	17.684	17.690	(1.177)	2197681	15.0000	15
87 1,3-Dichlorobenzene	146	17.748	17.749	(1.181)	1376977	15.0000	16
88 1,4-Dichlorobenzene	146	17.861	17.861	(1.188)	1346390	15.0000	16
89 Benzyl chloride	91	18.016	18.016	(1.199)	1492507	15.0000	18
90 Undecane	57	18.160	18.160	(1.208)	590482	15.0000	17
91 n-Butylbenzene	91	18.187	18.187	(1.210)	1746824	15.0000	16
92 1,2-Dichlorobenzene	146	18.337	18.337	(1.220)	1366638	15.0000	15
93 Dodecane	57	19.589	19.589	(1.303)	491105	15.0000	21
94 1,2,4-Trichlorobenzene	180	20.637	20.637	(1.373)	676112	15.0000	17
95 1,3-Hexachlorobutadiene	225	20.808	20.809	(1.384)	701845	15.0000	15
96 Naphthalene	128	21.108	21.108	(1.404)	1664913	15.0000	18
97 1,2,3-Trichlorobenzene	180	21.568	21.568	(1.435)	651584	15.0000	18

Data File: gfg007.d
Client ID: ic 109427
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 109427
Lab Sample ID: ic 109427

Date: 05-APR-2011 16:31
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg008.d
 Lab Smp Id: ic 109426 Client Smp ID: ic 109426
 Inj Date : 05-APR-2011 17:23
 Operator : wrd Inst ID: G.i
 Smp Info : ic 109426
 Misc Info : 200,1,level 6
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 17:23 Cal File: gfg008.d
 Als bottle: 7 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

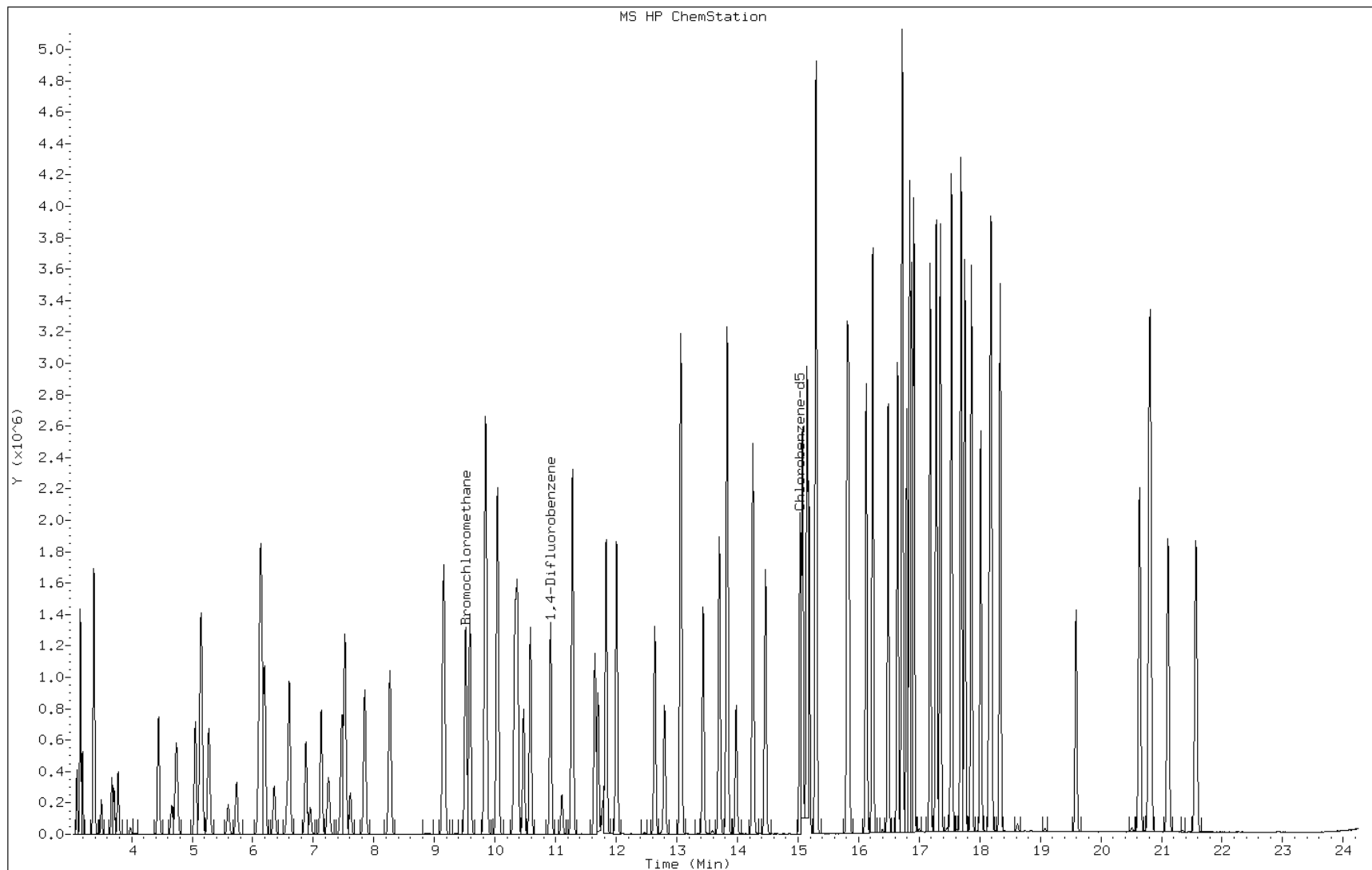
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41		3.096	3.096	(0.326)	157644	20.0000	19
2 Dichlorodifluoromethane	85		3.154	3.155	(0.332)	1158128	20.0000	20
3 Chlorodifluoromethane	51		3.192	3.187	(0.336)	461606	20.0000	19
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.374	3.374	(0.355)	993907	20.0000	20
5 Chloromethane	50		3.502	3.497	(0.368)	203123	20.0000	20
6 Butane	43		3.673	3.673	(0.386)	314547	20.0000	20
7 Vinyl chloride	62		3.711	3.711	(0.390)	292068	20.0000	21
8 1,3-Butadiene	54		3.780	3.775	(0.398)	187476	20.0000	20
9 Bromomethane	94		4.444	4.438	(0.467)	615986	20.0000	19
10 Chloroethane	64		4.663	4.658	(0.490)	212464	20.0000	19
11 2-Methylbutane	43		4.743	4.738	(0.499)	364951	20.0000	19
12 Vinyl bromide	106		5.054	5.048	(0.531)	700829	20.0000	20
13 Trichlorofluoromethane	101		5.145	5.145	(0.541)	2064217	20.0000	19
14 Pentane	43		5.278	5.273	(0.555)	637417	20.0000	20

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.594	5.583	(0.588)	297583	40.0000	41
16 Ethyl ether	59	5.733	5.728	(0.603)	274892	20.0000	19
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.129	6.124	(0.644)	1470532	20.0000	19
18 Acrolein	56	6.086	6.081	(0.640)	138945	20.0000	20
19 1,1-Dichloroethene	96	6.193	6.193	(0.651)	653378	20.0000	20
20 Acetone	43	6.354	6.348	(0.668)	510169	20.0000	17
21 Carbon disulfide	76	6.600	6.600	(0.694)	1777092	20.0000	17
22 Isopropanol	45	6.568	6.557	(0.691)	373042	20.0000	19
23 Allyl chloride	41	6.878	6.873	(0.723)	450460	20.0000	20
24 Acetonitrile	41	6.953	6.947	(0.731)	213053	20.0000	19
25 Methylene chloride	49	7.129	7.124	(0.750)	500774	20.0000	19
26 Tert-butyl alcohol	59	7.247	7.242	(0.762)	681156	20.0000	18
27 Methyl tert-butyl ether	73	7.477	7.472	(0.786)	1377883	20.0000	19
28 1,2-Dichloroethene (trans)	61	7.525	7.520	(0.791)	796044	20.0000	19
29 Acrylonitrile	53	7.611	7.605	(0.800)	251964	20.0000	19
30 n-Hexane	57	7.851	7.846	(0.826)	665306	20.0000	19
31 1,1-Dichloroethane	63	8.253	8.253	(0.868)	958265	20.0000	19
32 Vinyl acetate	43	8.274	8.269	(0.870)	800399	20.0000	20
M 33 1,2-Dichloroethene,Total	61				1497910	40.0000	39
34 1,2-Dichloroethene (cis)	96	9.146	9.141	(0.962)	701866	20.0000	19
35 Ethyl acetate	88	9.168	9.168	(0.964)	35358	20.0000	19
36 Methyl Ethyl Ketone	72	9.146	9.146	(0.962)	193190	20.0000	18
* 37 Bromochloromethane	128	9.510	9.510	(1.000)	398470	10.0000	
38 Tetrahydrofuran	42	9.521	9.521	(0.872)	314260	20.0000	21
39 Chloroform	83	9.585	9.585	(1.008)	1488393	20.0000	19
40 Cyclohexane	84	9.847	9.842	(0.902)	771280	20.0000	21
41 1,1,1-Trichloroethane	97	9.842	9.836	(0.902)	1689669	20.0000	21
42 Carbon tetrachloride	117	10.040	10.040	(0.920)	2058006	20.0000	21
43 2,2,4-Trimethylpentane	57	10.328	10.328	(0.946)	2016924	20.0000	21
44 Benzene	78	10.371	10.366	(0.950)	1620485	20.0000	20
45 1,2-Dichloroethane	62	10.467	10.468	(0.959)	868261	20.0000	21
46 n-Heptane	43	10.585	10.580	(0.970)	625553	20.0000	21
* 47 1,4-Difluorobenzene	114	10.917	10.912	(1.000)	1579888	10.0000	
48 n-Butanol	56	11.104	11.099	(1.017)	180256	20.0000	21
49 Trichloroethene	95	11.275	11.270	(1.033)	974200	20.0000	21
50 1,2-Dichloropropane	63	11.650	11.645	(1.067)	529815	20.0000	20
51 Methyl methacrylate	69	11.698	11.698	(1.072)	447443	20.0000	22
52 Dibromomethane	174	11.832	11.826	(1.084)	888754	20.0000	21
53 1,4-Dioxane	88	11.778	11.778	(1.079)	225737	20.0000	20
54 Bromodichloromethane	83	12.003	12.003	(1.099)	1572214	20.0000	21
55 1,3-Dichloropropene (cis)	75	12.634	12.634	(1.157)	1001509	20.0000	21
56 Methyl isobutyl ketone	43	12.800	12.795	(1.172)	639545	20.0000	21
57 n-Octane	43	13.062	13.057	(1.196)	737342	20.0000	19
58 Toluene	92	13.067	13.068	(0.869)	1148682	20.0000	18
59 1,3-Dichloropropene (trans)	75	13.431	13.431	(1.230)	1056461	20.0000	22
60 1,1,2-Trichloroethane	83	13.699	13.699	(0.911)	677683	20.0000	19
61 Tetrachloroethene	166	13.832	13.833	(0.920)	1287582	20.0000	19

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====		==	=====	=====	=====	=====	=====
62 2-Hexanone	43		13.977	13.972	(0.930)	624976	20.0000	20
63 Dibromochloromethane	129		14.255	14.255	(0.948)	1873593	20.0000	21
64 1,2-Dibromoethane	107		14.464	14.458	(0.962)	1464188	20.0000	20
* 65 Chlorobenzene-d5	117		15.031	15.031	(1.000)	1558637	10.0000	
66 Chlorobenzene	112		15.074	15.074	(1.003)	1970584	20.0000	19
67 n-Nonane	57		15.181	15.181	(1.010)	829813	20.0000	19
68 Ethylbenzene	91		15.148	15.143	(1.008)	2642681	20.0000	19
69 Xylene (m,p)	106		15.298	15.298	(1.018)	2054136	40.0000	37
M 70 Xylenes, Total	106					3152238	20.0000	56
71 Xylene (o)	106		15.812	15.812	(1.052)	1098102	20.0000	19
72 Styrene	104		15.839	15.839	(1.054)	1601245	20.0000	21
73 Bromoform	173		16.122	16.122	(1.073)	1655248	20.0000	21
74 Isopropylbenzene	105		16.234	16.229	(1.080)	3221467	20.0000	19
75 1,1,2,2-Tetrachloroethane	83		16.641	16.641	(1.107)	1643385	20.0000	19
76 n-Propylbenzene	91		16.716	16.716	(1.112)	3336454	20.0000	19
77 1,2,3-Trichloropropane	75		16.727	16.727	(1.113)	1061025	20.0000	19
78 n-Decane	57		16.796	16.796	(1.117)	1036217	20.0000	20
79 4-Ethyltoluene	105		16.844	16.844	(1.121)	3152410	20.0000	20
80 2-Chlorotoluene	91		16.876	16.876	(1.123)	2877362	20.0000	19
81 1,3,5-Trimethylbenzene	105		16.914	16.909	(1.125)	2680529	20.0000	19
82 Alpha Methyl Styrene	118		17.181	17.176	(1.143)	1425671	20.0000	23
83 tert-butylbenzene	119		17.283	17.278	(1.150)	2604346	20.0000	19
84 1,2,4-Trimethylbenzene	105		17.353	17.347	(1.154)	2694806	20.0000	19
85 sec-Butylbenzene	105		17.534	17.535	(1.167)	3797674	20.0000	19
86 4-Isopropyltoluene	119		17.690	17.690	(1.177)	3256927	20.0000	20
87 1,3-Dichlorobenzene	146		17.754	17.749	(1.181)	2004318	20.0000	21
88 1,4-Dichlorobenzene	146		17.866	17.861	(1.189)	1989271	20.0000	22
89 Benzyl chloride	91		18.016	18.016	(1.199)	2294071	20.0000	24
90 Undecane	57		18.160	18.160	(1.208)	782974	20.0000	20
91 n-Butylbenzene	91		18.187	18.187	(1.210)	2580297	20.0000	21
92 1,2-Dichlorobenzene	146		18.337	18.337	(1.220)	1995379	20.0000	20
93 Dodecane	57		19.589	19.589	(1.303)	652617	20.0000	25
94 1,2,4-Trichlorobenzene	180		20.637	20.637	(1.373)	1157677	20.0000	26
95 1,3-Hexachlorobutadiene	225		20.814	20.809	(1.385)	1000225	20.0000	20
96 Naphthalene	128		21.108	21.108	(1.404)	2708677	20.0000	26
97 1,2,3-Trichlorobenzene	180		21.568	21.568	(1.435)	1077496	20.0000	27

Data File: gfg008.d
Client ID: ic 109426
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 109426
Lab Sample ID: ic 109426

Date: 05-APR-2011 17:23
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg009.d
 Lab Smp Id: ic 109424 Client Smp ID: ic 109424
 Inj Date : 05-APR-2011 18:15
 Operator : wrd Inst ID: G.i
 Smp Info : ic 109424
 Misc Info : 200,1,level 7
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 8 Calibration Sample, Level: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41	3.096	3.096	(0.325)	304443	40.0000	39
2 Dichlorodifluoromethane	85	3.154	3.155	(0.332)	2159679	40.0000	38
3 Chlorodifluoromethane	51	3.192	3.187	(0.335)	876056	40.0000	38
4 1,2-Dichloro-1,1,2,2-tetraflu	85	3.374	3.374	(0.355)	1834261	40.0000	38
5 Chloromethane	50	3.502	3.497	(0.368)	392570	40.0000	40
6 Butane	43	3.673	3.673	(0.386)	598912	40.0000	40(A)
7 Vinyl chloride	62	3.711	3.711	(0.390)	551490	40.0000	40(A)
8 1,3-Butadiene	54	3.780	3.775	(0.397)	354856	40.0000	40(A)
9 Bromomethane	94	4.444	4.438	(0.467)	1121221	40.0000	36
10 Chloroethane	64	4.663	4.658	(0.490)	376443	40.0000	36
11 2-Methylbutane	43	4.743	4.738	(0.498)	643660	40.0000	35
12 Vinyl bromide	106	5.054	5.048	(0.531)	1226891	40.0000	36
13 Trichlorofluoromethane	101	5.150	5.145	(0.541)	3684559	40.0000	36
14 Pentane	43	5.278	5.273	(0.555)	1170524	40.0000	38

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.610	5.583	(0.590)	740049	100.000	110(A)
16 Ethyl ether	59	5.733	5.728	(0.602)	557191	40.0000	40(A)
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.134	6.124	(0.645)	2613518	40.0000	36
18 Acrolein	56	6.091	6.081	(0.640)	268403	40.0000	41(A)
19 1,1-Dichloroethene	96	6.198	6.193	(0.651)	1196058	40.0000	37
20 Acetone	43	6.359	6.348	(0.668)	1061199	40.0000	37
21 Carbon disulfide	76	6.605	6.600	(0.694)	3178286	40.0000	32
22 Isopropanol	45	6.578	6.557	(0.691)	735577	40.0000	38
23 Allyl chloride	41	6.878	6.873	(0.723)	838425	40.0000	38
24 Acetonitrile	41	6.953	6.947	(0.731)	446541	40.0000	41(A)
25 Methylene chloride	49	7.129	7.124	(0.749)	929027	40.0000	37
26 Tert-butyl alcohol	59	7.263	7.242	(0.763)	1383182	40.0000	39
27 Methyl tert-butyl ether	73	7.477	7.472	(0.786)	2845514	40.0000	40(A)
28 1,2-Dichloroethene (trans)	61	7.525	7.520	(0.791)	1435969	40.0000	36
29 Acrylonitrile	53	7.616	7.605	(0.800)	521374	40.0000	42(A)
30 n-Hexane	57	7.851	7.846	(0.825)	1206022	40.0000	36
31 1,1-Dichloroethane	63	8.258	8.253	(0.868)	1737786	40.0000	36
32 Vinyl acetate	43	8.279	8.269	(0.870)	1605130	40.0000	41(A)
M 33 1,2-Dichloroethene,Total	61				2640726	80.0000	71
34 1,2-Dichloroethene (cis)	96	9.146	9.141	(0.961)	1204757	40.0000	34
35 Ethyl acetate	88	9.173	9.168	(0.964)	70375	40.0000	39
36 Methyl Ethyl Ketone	72	9.151	9.146	(0.962)	372272	40.0000	36(Q)
* 37 Bromochloromethane	128	9.515	9.510	(1.000)	384082	10.0000	
38 Tetrahydrofuran	42	9.526	9.521	(0.873)	653136	40.0000	39
39 Chloroform	83	9.590	9.585	(1.008)	2739648	40.0000	37
40 Cyclohexane	84	9.852	9.842	(0.902)	1319831	40.0000	32
41 1,1,1-Trichloroethane	97	9.841	9.836	(0.902)	3002490	40.0000	33
42 Carbon tetrachloride	117	10.045	10.040	(0.920)	3780411	40.0000	36
43 2,2,4-Trimethylpentane	57	10.334	10.328	(0.947)	3590924	40.0000	33
44 Benzene	78	10.371	10.366	(0.950)	2959097	40.0000	33
45 1,2-Dichloroethane	62	10.473	10.468	(0.959)	1675479	40.0000	37
46 n-Heptane	43	10.585	10.580	(0.970)	1127359	40.0000	33
* 47 1,4-Difluorobenzene	114	10.917	10.912	(1.000)	1755054	10.0000	
48 n-Butanol	56	11.109	11.099	(1.018)	368198	40.0000	38
49 Trichloroethene	95	11.275	11.270	(1.033)	1746431	40.0000	33
50 1,2-Dichloropropane	63	11.650	11.645	(1.067)	999817	40.0000	35
51 Methyl methacrylate	69	11.703	11.698	(1.072)	924948	40.0000	41(A)
52 Dibromomethane	174	11.832	11.826	(1.084)	1588051	40.0000	34
53 1,4-Dioxane	88	11.783	11.778	(1.079)	453894	40.0000	36
54 Bromodichloromethane	83	12.008	12.003	(1.100)	2959661	40.0000	36
55 1,3-Dichloropropene (cis)	75	12.639	12.634	(1.158)	1937154	40.0000	37
56 Methyl isobutyl ketone	43	12.805	12.795	(1.173)	1290741	40.0000	38
57 n-Octane	43	13.062	13.057	(1.196)	1292084	40.0000	30
58 Toluene	92	13.073	13.068	(0.869)	2011537	40.0000	30
59 1,3-Dichloropropene (trans)	75	13.437	13.431	(1.231)	2069835	40.0000	38
60 1,1,2-Trichloroethane	83	13.704	13.699	(0.911)	1264813	40.0000	34
61 Tetrachloroethene	166	13.838	13.833	(0.920)	2275988	40.0000	33

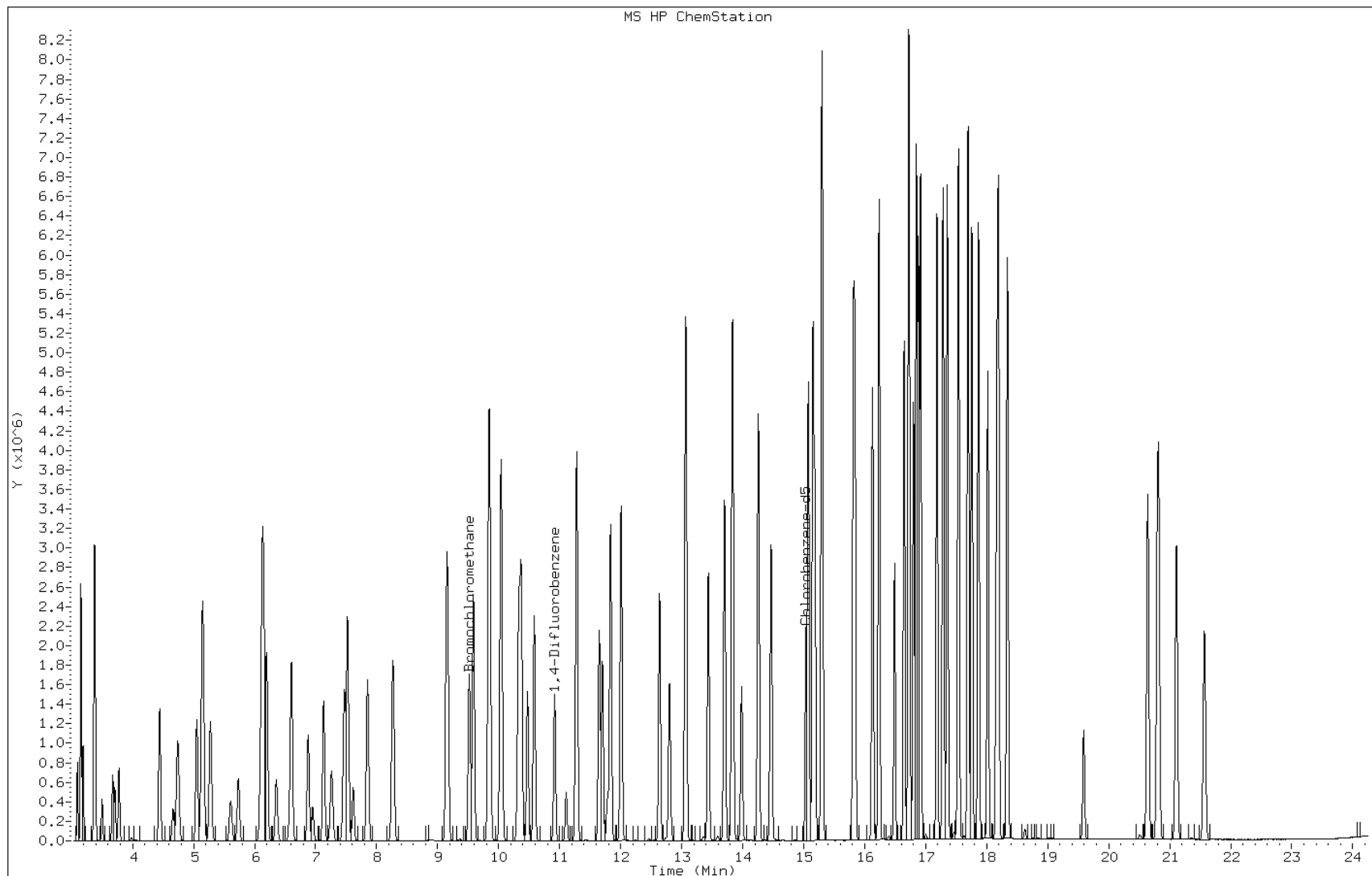
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.982	13.972	(0.930)	1240557	40.0000	39
63 Dibromochloromethane	129	14.260	14.255	(0.948)	3478468	40.0000	37
64 1,2-Dibromoethane	107	14.464	14.458	(0.962)	2731413	40.0000	36
* 65 Chlorobenzene-d5	117	15.036	15.031	(1.000)	1623639	10.0000	
66 Chlorobenzene	112	15.074	15.074	(1.002)	3676745	40.0000	35
67 n-Nonane	57	15.186	15.181	(1.010)	1460783	40.0000	31
68 Ethylbenzene	91	15.148	15.143	(1.007)	4848456	40.0000	33
69 Xylene (m,p)	106	15.304	15.298	(1.018)	3589746	80.0000	62
M 70 Xylenes, Total	106				5544183	40.0000	94
71 Xylene (o)	106	15.817	15.812	(1.052)	1954437	40.0000	32
72 Styrene	104	15.844	15.839	(1.054)	2937557	40.0000	37
73 Bromoform	173	16.127	16.122	(1.073)	2835797	40.0000	35
74 Isopropylbenzene	105	16.234	16.229	(1.080)	5953062	40.0000	34
75 1,1,2,2-Tetrachloroethane	83	16.646	16.641	(1.107)	2945304	40.0000	32
76 n-Propylbenzene	91	16.721	16.716	(1.112)	5709392	40.0000	31
77 1,2,3-Trichloropropane	75	16.732	16.727	(1.113)	1826727	40.0000	31
78 n-Decane	57	16.801	16.796	(1.117)	1830801	40.0000	34
79 4-Ethyltoluene	105	16.850	16.844	(1.121)	5638397	40.0000	34
80 2-Chlorotoluene	91	16.882	16.876	(1.123)	5073274	40.0000	32
81 1,3,5-Trimethylbenzene	105	16.919	16.909	(1.125)	4848514	40.0000	33
82 Alpha Methyl Styrene	118	17.181	17.176	(1.143)	2702843	40.0000	41(A)
83 tert-butylbenzene	119	17.283	17.278	(1.149)	4724089	40.0000	32
84 1,2,4-Trimethylbenzene	105	17.352	17.347	(1.154)	4938174	40.0000	34
85 sec-Butylbenzene	105	17.540	17.535	(1.167)	6798070	40.0000	32
86 4-Isopropyltoluene	119	17.695	17.690	(1.177)	5894265	40.0000	34
87 1,3-Dichlorobenzene	146	17.759	17.749	(1.181)	3636070	40.0000	36
88 1,4-Dichlorobenzene	146	17.866	17.861	(1.188)	3641545	40.0000	38
89 Benzyl chloride	91	18.021	18.016	(1.199)	4512317	40.0000	46(A)
90 Undecane	57	18.166	18.160	(1.208)	1702613	40.0000	42(A)
91 n-Butylbenzene	91	18.192	18.187	(1.210)	4459968	40.0000	34
92 1,2-Dichlorobenzene	146	18.342	18.337	(1.220)	3588210	40.0000	35
93 Dodecane	57	19.589	19.589	(1.303)	517601	40.0000	19
94 1,2,4-Trichlorobenzene	180	20.643	20.637	(1.373)	1902642	40.0000	42(A)
95 1,3-Hexachlorobutadiene	225	20.814	20.809	(1.384)	1240783	40.0000	23
96 Naphthalene	128	21.113	21.108	(1.404)	4475865	40.0000	41(A)
97 1,2,3-Trichlorobenzene	180	21.573	21.568	(1.435)	1251083	40.0000	30

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.

Data File: gfg009.d
Client ID: ic 109424
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ic 109424
Lab Sample ID: ic 109424

Date: 05-APR-2011 18:15
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: ICV 200-16240/11 Calibration Date: 04/05/2011 20:00
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfg011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 129406

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2037	0.2081		10.2	10.0	2.2	30.0
Dichlorodifluoromethane	Ave	1.479	1.595		10.8	10.0	7.8	30.0
Freon 22	Ave	0.5975	0.6387		10.7	10.0	6.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.267	1.404		11.1	10.0	10.8	30.0
Chloromethane	Ave	0.2580	0.2824		10.9	10.0	9.4	30.0
n-Butane	Ave	0.3852	0.4226		11.0	10.0	9.7	30.0
Vinyl chloride	Ave	0.3555	0.4009		11.3	10.0	12.8	30.0
1,3-Butadiene	Ave	0.2306	0.2686		11.6	10.0	16.5	30.0
Bromomethane	Ave	0.8101	0.8274		10.2	10.0	2.1	30.0
Chloroethane	Ave	0.2745	0.2790		10.2	10.0	1.6	30.0
Isopentane	Ave	0.4745	0.4717		9.94	10.0	-0.6	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8946	0.9025		10.1	10.0	0.9	30.0
Trichlorofluoromethane	Ave	2.671	2.719		10.2	10.0	1.8	30.0
n-Pentane	Ave	0.8097	0.8815		10.9	10.0	8.9	30.0
Ethanol	Ave	0.1831	0.1671		13.7	15.0	-8.7	30.0
Ethyl ether	Ave	0.3593	0.3181		8.85	10.0	-11.5	30.0
Acrolein	Ave	0.1721	0.1265		7.35	10.0	-26.5	30.0
Freon TF	Ave	1.916	2.277		11.9	10.0	18.8	30.0
1,1-Dichloroethene	Ave	0.8352	1.013		12.1	10.0	21.3	30.0
Acetone	Ave	0.7435	0.6953		9.35	10.0	-6.5	30.0
Isopropyl alcohol	Ave	0.5016	0.4914		9.79	10.0	-2.1	30.0
Carbon disulfide	Ave	2.579	2.550		9.89	10.0	-1.1	30.0
3-Chloropropene	Ave	0.5713	0.5980		10.5	10.0	4.7	30.0
Acetonitrile	Ave	0.2861	0.2580		9.02	10.0	-9.8	30.0
Methylene Chloride	Ave	0.6540	0.7542		11.5	10.0	15.3	30.0
tert-Butyl alcohol	Ave	0.9270	0.9745		10.5	10.0	5.1	30.0
Methyl tert-butyl ether	Ave	1.830	1.638		8.95	10.0	-10.5	30.0
trans-1,2-Dichloroethene	Ave	1.029	1.133		11.0	10.0	10.1	30.0
Acrylonitrile	Ave	0.3268	0.3030		9.27	10.0	-7.3	30.0
n-Hexane	Ave	0.8663	0.9479		10.9	10.0	9.4	30.0
1,1-Dichloroethane	Ave	1.263	1.325		10.5	10.0	4.8	30.0
Vinyl acetate	Ave	1.021	0.9436		9.24	10.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	0.9161	1.002		10.9	10.0	9.4	30.0
Methyl Ethyl Ketone	Ave	0.2713	0.2451		9.03	10.0	-9.7	30.0
Ethyl acetate	Ave	0.0467	0.0440		9.42	10.0	-5.8	30.0
Tetrahydrofuran	Ave	0.0959	0.0926		9.65	10.0	-3.5	30.0
Chloroform	Ave	1.952	1.990		10.2	10.0	1.9	30.0
1,1,1-Trichloroethane	Ave	0.5145	0.5888		11.4	10.0	14.4	30.0
Cyclohexane	Ave	0.2371	0.2849		12.0	10.0	20.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: ICV 200-16240/11 Calibration Date: 04/05/2011 20:00
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfg011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 129406

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6060	0.7062		11.7	10.0	16.5	30.0
2,2,4-Trimethylpentane	Ave	0.6214	0.7071		11.4	10.0	13.8	30.0
Benzene	Ave	0.5167	0.5453		10.6	10.0	5.5	30.0
1,2-Dichloroethane	Ave	0.2608	0.2766		10.6	10.0	6.1	30.0
n-Heptane	Ave	0.1930	0.2156		11.2	10.0	11.7	30.0
n-Butanol	Ave	0.0550	0.0498		9.06	10.0	-9.4	30.0
Trichloroethene	Ave	0.2988	0.3318		11.1	10.0	11.0	30.0
1,2-Dichloropropane	Ave	0.1643	0.1674		10.2	10.0	1.9	30.0
Methyl methacrylate	Ave	0.1296	0.1256		9.69	10.0	-3.1	30.0
1,4-Dioxane	Ave	0.0722	0.0679		9.40	10.0	-6.0	30.0
Dibromomethane	Ave	0.2674	0.2975		11.1	10.0	11.3	30.0
Bromodichloromethane	Ave	0.4685	0.5241		11.2	10.0	11.9	30.0
cis-1,3-Dichloropropene	Ave	0.2990	0.3079		10.3	10.0	3.0	30.0
methyl isobutyl ketone	Ave	0.1937	0.2187		11.3	10.0	12.9	30.0
n-Octane	Ave	0.2433	0.2610		10.7	10.0	7.3	30.0
Toluene	Ave	0.4092	0.3956		9.67	10.0	-3.3	30.0
trans-1,3-Dichloropropene	Ave	0.3106	0.3126		10.1	10.0	0.6	30.0
1,1,2-Trichloroethane	Ave	0.2268	0.2103		9.27	10.0	-7.3	30.0
Tetrachloroethene	Ave	0.4303	0.4350		10.1	10.0	1.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1957	0.2135		10.9	10.0	9.0	30.0
Dibromochloromethane	Ave	0.5732	0.6180		10.8	10.0	7.8	30.0
1,2-Dibromoethane	Ave	0.4673	0.4617		9.88	10.0	-1.2	30.0
Chlorobenzene	Ave	0.6524	0.6320		9.68	10.0	-3.1	30.0
Ethylbenzene	Ave	0.8999	0.8494		9.44	10.0	-5.6	30.0
n-Nonane	Ave	0.2857	0.2817		9.86	10.0	-1.4	30.0
m,p-Xylene	Ave	0.3572	0.3345		18.7	20.0	-6.3	30.0
Xylene, o-	Ave	0.3752	0.3469		9.24	10.0	-7.5	30.0
Styrene	Ave	0.4892	0.4932		10.1	10.0	0.8	30.0
Bromoform	Ave	0.4972	0.5426		10.9	10.0	9.1	30.0
Cumene	Ave	1.089	1.013		9.30	10.0	-7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5613	0.5083		9.05	10.0	-9.4	30.0
n-Propylbenzene	Ave	1.147	1.091		9.51	10.0	-4.8	30.0
1,2,3-Trichloropropane	Ave	0.3647	0.3525		9.66	10.0	-3.4	30.0
n-Decane	Ave	0.3311	0.3032		9.16	10.0	-8.4	30.0
4-Ethyltoluene	Ave	1.034	0.997		9.65	10.0	-3.5	30.0
2-Chlorotoluene	Ave	0.9739	0.9427		9.68	10.0	-3.2	30.0
1,3,5-Trimethylbenzene	Ave	0.8926	0.8107		9.08	10.0	-9.2	30.0
Alpha Methyl Styrene	Ave	0.4013	0.4296		10.7	10.0	7.0	30.0
tert-Butylbenzene	Ave	0.9004	0.8246		9.16	10.0	-8.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: ICV 200-16240/11 Calibration Date: 04/05/2011 20:00
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfg011.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: icv 129406

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8906	0.7931		8.90	10.0	-10.9	30.0
sec-Butylbenzene	Ave	1.299	1.192		9.18	10.0	-8.2	30.0
4-Isopropyltoluene	Ave	1.065	1.001		9.39	10.0	-6.1	30.0
1,3-Dichlorobenzene	Ave	0.6180	0.5881		9.51	10.0	-4.8	30.0
1,4-Dichlorobenzene	Ave	0.5907	0.5670		9.60	10.0	-4.0	30.0
Benzyl chloride	Ave	0.6063	0.4544		7.49	10.0	-25.0	30.0
n-Undecane	Ave	0.2526	0.2578		10.2	10.0	2.0	30.0
n-Butylbenzene	Ave	0.7979	0.7811		9.79	10.0	-2.1	30.0
1,2-Dichlorobenzene	Ave	0.6300	0.5746		9.12	10.0	-8.8	30.0
n-Dodecane	Ave	0.1696	0.1924		11.3	10.0	13.5	30.0
1,2,4-Trichlorobenzene	Ave	0.2805	0.2204		7.85	10.0	-21.4	30.0
Hexachlorobutadiene	Ave	0.3288	0.2979		9.06	10.0	-9.4	30.0
Naphthalene	Ave	0.6706	0.5387		8.03	10.0	-19.7	30.0
1,2,3-Trichlorobenzene	Ave	0.2531	0.2395		9.46	10.0	-5.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg011.d
 Lab Smp Id: icv 129406 Client Smp ID: icv 129406
 Inj Date : 05-APR-2011 20:00
 Operator : wrd Inst ID: G.i
 Smp Info : icv 129406
 Misc Info : 200,1,icv
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:13 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 9 QC Sample: ICV
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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)	FINAL (ppb v/v)
1 Propene	41			3.095	3.096	(0.326)	77895	10.2157	10
2 Dichlorodifluoromethane	85			3.154	3.155	(0.332)	596742	10.7753	11
3 Chlorodifluoromethane	51			3.192	3.187	(0.336)	239025	10.6872	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85			3.374	3.374	(0.355)	525270	11.0768	11
5 Chloromethane	50			3.502	3.497	(0.368)	105696	10.9425	11
6 Butane	43			3.673	3.673	(0.386)	158146	10.9693	11
7 Vinyl chloride	62			3.711	3.711	(0.390)	150047	11.2766	11
8 1,3-Butadiene	54			3.780	3.775	(0.398)	100532	11.6459	12
9 Bromomethane	94			4.444	4.438	(0.467)	309669	10.2117	10
10 Chloroethane	64			4.663	4.658	(0.490)	104405	10.1621	10
11 2-Methylbutane	43			4.743	4.738	(0.499)	176534	9.93971	9.9
12 Vinyl bromide	106			5.048	5.048	(0.531)	337770	10.0869	10
13 Trichlorofluoromethane	101			5.150	5.145	(0.542)	1017553	10.1782	10
14 Pentane	43			5.278	5.273	(0.555)	329888	10.8841	11

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	=====
15 Ethanol	45		5.583	5.583	(0.587)	94059	13.7206	14
16 Ethyl ether	59		5.733	5.728	(0.603)	119059	8.85315	8.9
17 1,1,2-Trichloro-1,2,2-trifluo	101		6.129	6.124	(0.644)	852220	11.8815	12
18 Acrolein	56		6.086	6.081	(0.640)	47357	7.35224	7.4
19 1,1-Dichloroethene	96		6.193	6.193	(0.651)	379053	12.1238	12
20 Acetone	43		6.353	6.348	(0.668)	260215	9.34995	9.3
21 Carbon disulfide	76		6.600	6.600	(0.694)	954456	9.88590	9.9
22 Isopropanol	45		6.562	6.557	(0.690)	183889	9.79304	9.8
23 Allyl chloride	41		6.878	6.873	(0.723)	223786	10.4651	10
24 Acetonitrile	41		6.947	6.947	(0.731)	96543	9.01513	9.0
25 Methylene chloride	49		7.124	7.124	(0.749)	282272	11.5297	12
26 Tert-butyl alcohol	59		7.241	7.242	(0.761)	364697	10.5101	11
27 Methyl tert-butyl ether	73		7.477	7.472	(0.786)	612838	8.94609	8.9
28 1,2-Dichloroethene (trans)	61		7.525	7.520	(0.791)	424064	11.0116	11
29 Acrylonitrile	53		7.605	7.605	(0.800)	113413	9.27015	9.3
30 n-Hexane	57		7.851	7.846	(0.826)	354733	10.9392	11
31 1,1-Dichloroethane	63		8.253	8.253	(0.868)	495762	10.4830	10
32 Vinyl acetate	43		8.274	8.269	(0.870)	353152	9.24288	9.2
M 33 1,2-Dichloroethene,Total	61					799067	21.9473	22
34 1,2-Dichloroethene (cis)	96		9.146	9.141	(0.962)	375003	10.9357	11
35 Ethyl acetate	88		9.167	9.168	(0.964)	16473	9.42220	9.4
36 Methyl Ethyl Ketone	72		9.146	9.146	(0.962)	91737	9.03230	9.0(Q)
* 37 Bromochloromethane	128		9.510	9.510	(1.000)	374322	10.0000	
38 Tetrahydrofuran	42		9.526	9.521	(0.873)	136396	9.64549	9.6
39 Chloroform	83		9.585	9.585	(1.008)	744646	10.1895	10
40 Cyclohexane	84		9.847	9.842	(0.902)	419912	12.0126	12
41 1,1,1-Trichloroethane	97		9.836	9.836	(0.901)	867781	11.4421	11
42 Carbon tetrachloride	117		10.039	10.040	(0.920)	1040762	11.6508	12
43 2,2,4-Trimethylpentane	57		10.328	10.328	(0.947)	1042083	11.3762	11
44 Benzene	78		10.366	10.366	(0.950)	803629	10.5512	11
45 1,2-Dichloroethane	62		10.467	10.468	(0.959)	407640	10.6039	11
46 n-Heptane	43		10.585	10.580	(0.970)	317697	11.1690	11
* 47 1,4-Difluorobenzene	114		10.911	10.912	(1.000)	1474118	10.0000	
48 n-Butanol	56		11.104	11.099	(1.018)	73435	9.05568	9.1
49 Trichloroethene	95		11.275	11.270	(1.033)	488957	11.1026	11
50 1,2-Dichloropropane	63		11.650	11.645	(1.068)	246738	10.1854	10
51 Methyl methacrylate	69		11.698	11.698	(1.072)	185144	9.68910	9.7
52 Dibromomethane	174		11.832	11.826	(1.084)	438385	11.1232	11
53 1,4-Dioxane	88		11.778	11.778	(1.079)	99993	9.40062	9.4
54 Bromodichloromethane	83		12.003	12.003	(1.100)	772403	11.1836	11
55 1,3-Dichloropropene (cis)	75		12.634	12.634	(1.158)	453801	10.2967	10
56 Methyl isobutyl ketone	43		12.800	12.795	(1.173)	322265	11.2886	11
57 n-Octane	43		13.062	13.057	(1.197)	384661	10.7233	11
58 Toluene	92		13.067	13.068	(0.869)	574962	9.66589	9.7
59 1,3-Dichloropropene (trans)	75		13.431	13.431	(1.231)	460672	10.0620	10
60 1,1,2-Trichloroethane	83		13.699	13.699	(0.911)	305644	9.27210	9.3
61 Tetrachloroethene	166		13.832	13.833	(0.920)	632315	10.1081	10

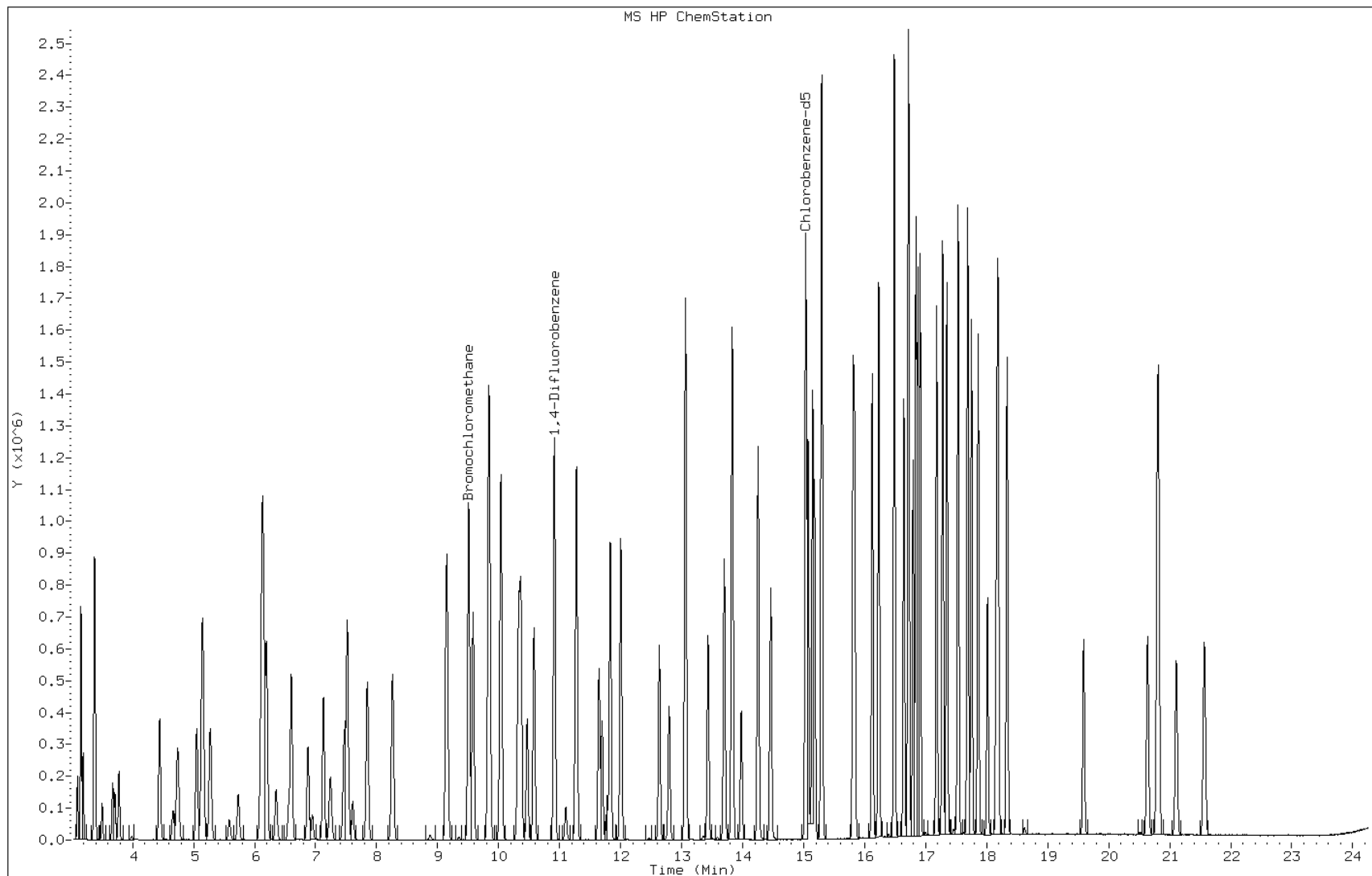
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	=====
62 2-Hexanone	43		13.977	13.972	(0.930)	310233	10.9025	11
63 Dibromochloromethane	129		14.255	14.255	(0.948)	898215	10.7800	11
64 1,2-Dibromoethane	107		14.458	14.458	(0.962)	671060	9.87766	9.9
* 65 Chlorobenzene-d5	117		15.031	15.031	(1.000)	1453734	10.0000	
66 Chlorobenzene	112		15.073	15.074	(1.003)	918507	9.68448	9.7
67 n-Nonane	57		15.180	15.181	(1.010)	409475	9.85885	9.9
68 Ethylbenzene	91		15.148	15.143	(1.008)	1234505	9.43632	9.4
69 Xylene (m,p)	106		15.298	15.298	(1.018)	972488	18.7293	19
M 70 Xylenes, Total	106					1476639	27.9728	28
71 Xylene (o)	106		15.812	15.812	(1.052)	504151	9.24354	9.2
72 Styrene	104		15.838	15.839	(1.054)	716887	10.0800	10
73 Bromoform	173		16.122	16.122	(1.073)	788613	10.9100	11
74 Isopropylbenzene	105		16.234	16.229	(1.080)	1471955	9.29602	9.3
75 1,1,2,2-Tetrachloroethane	83		16.641	16.641	(1.107)	738824	9.05414	9.1
76 n-Propylbenzene	91		16.716	16.716	(1.112)	1585679	9.51353	9.5
77 1,2,3-Trichloropropane	75		16.727	16.727	(1.113)	512301	9.66301	9.7
78 n-Decane	57		16.796	16.796	(1.117)	440712	9.15548	9.2
79 4-Ethyltoluene	105		16.844	16.844	(1.121)	1449445	9.64530	9.6
80 2-Chlorotoluene	91		16.876	16.876	(1.123)	1370147	9.67795	9.7
81 1,3,5-Trimethylbenzene	105		16.908	16.909	(1.125)	1178287	9.08004	9.1
82 Alpha Methyl Styrene	118		17.176	17.176	(1.143)	624326	10.7027	11
83 tert-butylbenzene	119		17.278	17.278	(1.149)	1198559	9.15713	9.2
84 1,2,4-Trimethylbenzene	105		17.347	17.347	(1.154)	1152758	8.90415	8.9
85 sec-Butylbenzene	105		17.534	17.535	(1.167)	1733109	9.17773	9.2
86 4-Isopropyltoluene	119		17.689	17.690	(1.177)	1454391	9.39269	9.4
87 1,3-Dichlorobenzene	146		17.748	17.749	(1.181)	854758	9.51484	9.5
88 1,4-Dichlorobenzene	146		17.861	17.861	(1.188)	824067	9.59605	9.6
89 Benzyl chloride	91		18.016	18.016	(1.199)	660513	7.49405	7.5
90 Undecane	57		18.160	18.160	(1.208)	374677	10.2023	10
91 n-Butylbenzene	91		18.182	18.187	(1.210)	1135220	9.78661	9.8
92 1,2-Dichlorobenzene	146		18.337	18.337	(1.220)	835188	9.11871	9.1
93 Dodecane	57		19.589	19.589	(1.303)	279691	11.3442	11
94 1,2,4-Trichlorobenzene	180		20.637	20.637	(1.373)	320263	7.85494	7.9
95 1,3-Hexachlorobutadiene	225		20.808	20.809	(1.384)	433035	9.06004	9.1
96 Naphthalene	128		21.108	21.108	(1.404)	783023	8.03175	8.0
97 1,2,3-Trichlorobenzene	180		21.568	21.568	(1.435)	348098	9.46198	9.5

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: gfg011.d
Client ID: icv 129406
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: icv 129406
Lab Sample ID: icv 129406

Date: 05-APR-2011 20:00
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-16379/2 Calibration Date: 04/08/2011 14:28
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfgc002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 126754

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2037	0.2152		10.6	10.0	5.7	30.0
Dichlorodifluoromethane	Ave	1.479	1.580		10.7	10.0	6.8	30.0
Freon 22	Ave	0.5975	0.6385		10.7	10.0	6.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.267	1.365		10.8	10.0	7.8	30.0
Chloromethane	Ave	0.2580	0.2717		10.5	10.0	5.3	30.0
n-Butane	Ave	0.3852	0.4023		10.4	10.0	4.5	30.0
Vinyl chloride	Ave	0.3555	0.3733		10.5	10.0	5.0	30.0
1,3-Butadiene	Ave	0.2306	0.2391		10.4	10.0	3.7	30.0
Bromomethane	Ave	0.8101	0.7588		9.36	10.0	-6.3	30.0
Chloroethane	Ave	0.2745	0.2660		9.69	10.0	-3.1	30.0
Isopentane	Ave	0.4745	0.4515		9.51	10.0	-4.8	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8946	0.8521		9.52	10.0	-4.8	30.0
Trichlorofluoromethane	Ave	2.671	2.639		9.88	10.0	-1.2	30.0
n-Pentane	Ave	0.8097	0.7682		9.49	10.0	-5.1	30.0
Ethanol	Ave	0.1831	0.1570		12.9	15.0	-14.3	30.0
Ethyl ether	Ave	0.3593	0.3497		9.73	10.0	-2.7	30.0
Acrolein	Ave	0.1721	0.1481		8.61	10.0	-13.9	30.0
Freon TF	Ave	1.916	1.847		9.64	10.0	-3.6	30.0
1,1-Dichloroethene	Ave	0.8352	0.8062		9.65	10.0	-3.5	30.0
Acetone	Ave	0.7435	0.8018		10.8	10.0	7.8	30.0
Isopropyl alcohol	Ave	0.5016	0.5118		10.2	10.0	2.0	30.0
Carbon disulfide	Ave	2.579	2.489		9.65	10.0	-3.5	30.0
3-Chloropropene	Ave	0.5713	0.5270		9.22	10.0	-7.7	30.0
Acetonitrile	Ave	0.2861	0.2845		9.94	10.0	-0.6	30.0
Methylene Chloride	Ave	0.6540	0.6262		9.57	10.0	-4.3	30.0
tert-Butyl alcohol	Ave	0.9270	0.9597		10.4	10.0	3.5	30.0
Methyl tert-butyl ether	Ave	1.830	1.843		10.1	10.0	0.7	30.0
trans-1,2-Dichloroethene	Ave	1.029	1.020		9.91	10.0	-0.9	30.0
Acrylonitrile	Ave	0.3268	0.3140		9.61	10.0	-3.9	30.0
n-Hexane	Ave	0.8663	0.8477		9.78	10.0	-2.2	30.0
1,1-Dichloroethane	Ave	1.263	1.230		9.73	10.0	-2.6	30.0
Vinyl acetate	Ave	1.021	0.9820		9.62	10.0	-3.8	30.0
cis-1,2-Dichloroethene	Ave	0.9161	0.8827		9.63	10.0	-3.7	30.0
Methyl Ethyl Ketone	Ave	0.2713	0.2687		9.90	10.0	-1.0	30.0
Ethyl acetate	Ave	0.0467	0.0491		10.5	10.0	5.0	30.0
Tetrahydrofuran	Ave	0.0959	0.0869		9.05	10.0	-9.4	30.0
Chloroform	Ave	1.952	1.910		9.78	10.0	-2.2	30.0
1,1,1-Trichloroethane	Ave	0.5145	0.4895		9.51	10.0	-4.9	30.0
Cyclohexane	Ave	0.2371	0.2182		9.20	10.0	-8.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-16379/2 Calibration Date: 04/08/2011 14:28
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfgc002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 126754

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6060	0.5802		9.57	10.0	-4.3	30.0
2,2,4-Trimethylpentane	Ave	0.6214	0.5725		9.21	10.0	-7.9	30.0
Benzene	Ave	0.5167	0.4624		8.95	10.0	-10.5	30.0
1,2-Dichloroethane	Ave	0.2608	0.2477		9.49	10.0	-5.0	30.0
n-Heptane	Ave	0.1930	0.1723		8.93	10.0	-10.7	30.0
n-Butanol	Ave	0.0550	0.0415		7.54	10.0	-24.5	30.0
Trichloroethene	Ave	0.2988	0.2769		9.27	10.0	-7.3	30.0
1,2-Dichloropropane	Ave	0.1643	0.1511		9.20	10.0	-8.0	30.0
Methyl methacrylate	Ave	0.1296	0.1260		9.72	10.0	-2.8	30.0
1,4-Dioxane	Ave	0.0722	0.0652		9.03	10.0	-9.7	30.0
Dibromomethane	Ave	0.2674	0.2499		9.34	10.0	-6.5	30.0
Bromodichloromethane	Ave	0.4685	0.4524		9.65	10.0	-3.4	30.0
cis-1,3-Dichloropropene	Ave	0.2990	0.2793		9.34	10.0	-6.6	30.0
methyl isobutyl ketone	Ave	0.1937	0.1734		8.95	10.0	-10.5	30.0
n-Octane	Ave	0.2433	0.2203		9.05	10.0	-9.5	30.0
Toluene	Ave	0.4092	0.3742		9.14	10.0	-8.5	30.0
trans-1,3-Dichloropropene	Ave	0.3106	0.2928		9.43	10.0	-5.7	30.0
1,1,2-Trichloroethane	Ave	0.2268	0.2097		9.25	10.0	-7.5	30.0
Tetrachloroethene	Ave	0.4303	0.4008		9.31	10.0	-6.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1957	0.1764		9.01	10.0	-9.9	30.0
Dibromochloromethane	Ave	0.5732	0.5588		9.75	10.0	-2.5	30.0
1,2-Dibromoethane	Ave	0.4673	0.4431		9.48	10.0	-5.2	30.0
Chlorobenzene	Ave	0.6524	0.5941		9.10	10.0	-8.9	30.0
Ethylbenzene	Ave	0.8999	0.8434		9.37	10.0	-6.3	30.0
n-Nonane	Ave	0.2857	0.2709		9.48	10.0	-5.2	30.0
m,p-Xylene	Ave	0.3572	0.3322		18.6	20.0	-7.0	30.0
Xylene, o-	Ave	0.3752	0.3493		9.31	10.0	-6.9	30.0
Styrene	Ave	0.4892	0.4713		9.63	10.0	-3.7	30.0
Bromoform	Ave	0.4972	0.5063		10.2	10.0	1.8	30.0
Cumene	Ave	1.089	1.028		9.44	10.0	-5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5613	0.5336		9.50	10.0	-4.9	30.0
n-Propylbenzene	Ave	1.147	1.130		9.85	10.0	-1.4	30.0
1,2,3-Trichloropropane	Ave	0.3647	0.3685		10.1	10.0	1.0	30.0
n-Decane	Ave	0.3311	0.3485		10.5	10.0	5.3	30.0
4-Ethyltoluene	Ave	1.034	1.020		9.87	10.0	-1.3	30.0
2-Chlorotoluene	Ave	0.9739	0.9393		9.64	10.0	-3.5	30.0
1,3,5-Trimethylbenzene	Ave	0.8926	0.8692		9.74	10.0	-2.6	30.0
Alpha Methyl Styrene	Ave	0.4013	0.4111		10.2	10.0	2.5	30.0
tert-Butylbenzene	Ave	0.9004	0.8601		9.55	10.0	-4.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-16379/2 Calibration Date: 04/08/2011 14:28
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfgc002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 126754

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8906	0.8799		9.88	10.0	-1.2	30.0
sec-Butylbenzene	Ave	1.299	1.253		9.65	10.0	-3.5	30.0
4-Isopropyltoluene	Ave	1.065	1.070		10.0	10.0	0.5	30.0
1,3-Dichlorobenzene	Ave	0.6180	0.6041		9.77	10.0	-2.2	30.0
1,4-Dichlorobenzene	Ave	0.5907	0.5890		9.97	10.0	-0.3	30.0
Benzyl chloride	Ave	0.6063	0.4873		8.04	10.0	-19.6	30.0
n-Undecane	Ave	0.2526	0.2083		8.24	10.0	-17.5	30.0
n-Butylbenzene	Ave	0.7979	0.8683		10.9	10.0	8.8	30.0
1,2-Dichlorobenzene	Ave	0.6300	0.6193		9.83	10.0	-1.7	30.0
n-Dodecane	Ave	0.1696	0.1419		8.37	10.0	-16.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2805	0.2812		10.0	10.0	0.2	30.0
Hexachlorobutadiene	Ave	0.3288	0.3609		11.0	10.0	9.8	30.0
Naphthalene	Ave	0.6706	0.6003		8.95	10.0	-10.5	30.0
1,2,3-Trichlorobenzene	Ave	0.2531	0.2566		10.1	10.0	1.4	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgcto15.b/gfgc002.d
 Lab Smp Id: ccvis 126754 Client Smp ID: ccvis 126754
 Inj Date : 08-APR-2011 14:28
 Operator : wrd Inst ID: G.i
 Smp Info : ccvis 126754
 Misc Info : 200,1,ccv
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgcto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:53 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

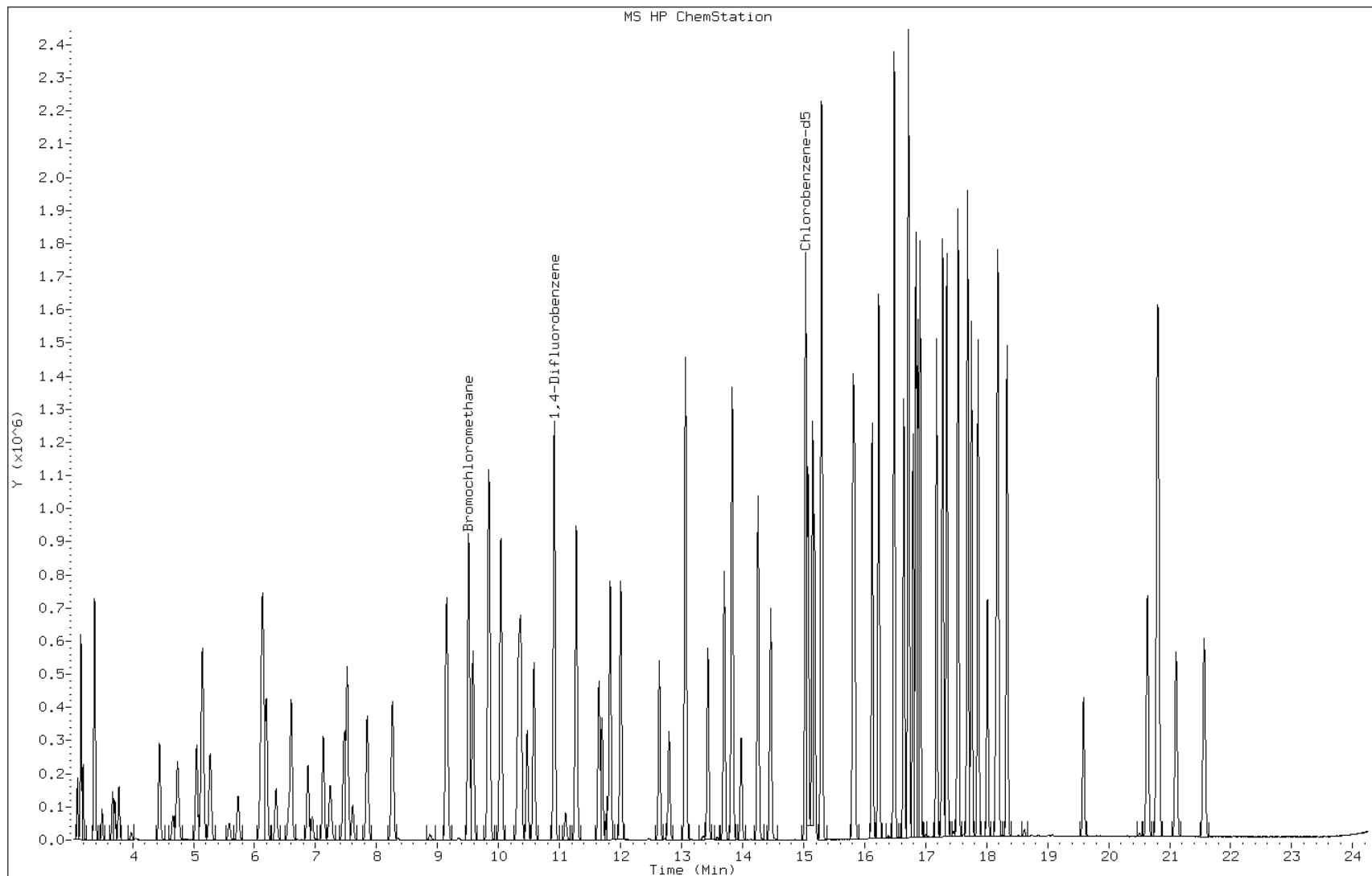
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41		3.096	3.096	(0.326)	67235	10.0000	11
2 Dichlorodifluoromethane	85		3.154	3.155	(0.332)	493690	10.0000	11
3 Chlorodifluoromethane	51		3.192	3.187	(0.336)	199457	10.0000	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.374	3.374	(0.355)	426444	10.0000	11
5 Chloromethane	50		3.502	3.497	(0.368)	84878	10.0000	11
6 Butane	43		3.673	3.673	(0.386)	125694	10.0000	10
7 Vinyl chloride	62		3.711	3.711	(0.390)	116605	10.0000	10
8 1,3-Butadiene	54		3.780	3.775	(0.398)	74685	10.0000	10
9 Bromomethane	94		4.438	4.438	(0.467)	237048	10.0000	9.4
10 Chloroethane	64		4.663	4.658	(0.490)	83089	10.0000	9.7
11 2-Methylbutane	43		4.743	4.738	(0.499)	141052	10.0000	9.5
12 Vinyl bromide	106		5.048	5.048	(0.531)	266198	10.0000	9.5
13 Trichlorofluoromethane	101		5.145	5.145	(0.541)	824533	10.0000	9.9
14 Pentane	43		5.273	5.273	(0.554)	239994	10.0000	9.5

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.583	5.583	(0.587)	73612	15.0000	13
16 Ethyl ether	59	5.733	5.728	(0.603)	109237	10.0000	9.7
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.129	6.124	(0.644)	576992	10.0000	9.6
18 Acrolein	56	6.081	6.081	(0.639)	46277	10.0000	8.6
19 1,1-Dichloroethene	96	6.193	6.193	(0.651)	251876	10.0000	9.7
20 Acetone	43	6.354	6.348	(0.668)	250485	10.0000	11
21 Carbon disulfide	76	6.600	6.600	(0.694)	777608	10.0000	9.6
22 Isopropanol	45	6.557	6.557	(0.689)	159891	10.0000	10
23 Allyl chloride	41	6.878	6.873	(0.723)	164645	10.0000	9.2
24 Acetonitrile	41	6.947	6.947	(0.731)	88865	10.0000	9.9
25 Methylene chloride	49	7.124	7.124	(0.749)	195618	10.0000	9.6
26 Tert-butyl alcohol	59	7.242	7.242	(0.761)	299830	10.0000	10
27 Methyl tert-butyl ether	73	7.472	7.472	(0.786)	575740	10.0000	10
28 1,2-Dichloroethene (trans)	61	7.520	7.520	(0.791)	318622	10.0000	9.9
29 Acrylonitrile	53	7.605	7.605	(0.800)	98108	10.0000	9.6
30 n-Hexane	57	7.846	7.846	(0.825)	264819	10.0000	9.8
31 1,1-Dichloroethane	63	8.253	8.253	(0.868)	384290	10.0000	9.7
32 Vinyl acetate	43	8.269	8.269	(0.869)	306795	10.0000	9.6
M 33 1,2-Dichloroethene,Total	61				594370	20.0000	20
34 1,2-Dichloroethene (cis)	96	9.146	9.141	(0.962)	275747	10.0000	9.6
35 Ethyl acetate	88	9.162	9.168	(0.963)	15323	10.0000	10
36 Methyl Ethyl Ketone	72	9.146	9.146	(0.962)	83936	10.0000	9.9
* 37 Bromochloromethane	128	9.510	9.510	(1.000)	312468	10.0000	
38 Tetrahydrofuran	42	9.526	9.521	(0.873)	124209	10.0000	9.1
39 Chloroform	83	9.585	9.585	(1.008)	596684	10.0000	9.8
40 Cyclohexane	84	9.847	9.842	(0.902)	311986	10.0000	9.2
41 1,1,1-Trichloroethane	97	9.836	9.836	(0.901)	699872	10.0000	9.5
42 Carbon tetrachloride	117	10.040	10.040	(0.920)	829635	10.0000	9.6
43 2,2,4-Trimethylpentane	57	10.328	10.328	(0.947)	818660	10.0000	9.2
44 Benzene	78	10.366	10.366	(0.950)	661194	10.0000	8.9
45 1,2-Dichloroethane	62	10.468	10.468	(0.959)	354119	10.0000	9.5
46 n-Heptane	43	10.580	10.580	(0.970)	246301	10.0000	8.9
* 47 1,4-Difluorobenzene	114	10.912	10.912	(1.000)	1430155	10.0000	
48 n-Butanol	56	11.099	11.099	(1.017)	59349	10.0000	7.5
49 Trichloroethene	95	11.270	11.270	(1.033)	395909	10.0000	9.3
50 1,2-Dichloropropane	63	11.644	11.645	(1.067)	216113	10.0000	9.2
51 Methyl methacrylate	69	11.698	11.698	(1.072)	180194	10.0000	9.7
52 Dibromomethane	174	11.826	11.826	(1.084)	357305	10.0000	9.3
53 1,4-Dioxane	88	11.778	11.778	(1.079)	93184	10.0000	9.0
54 Bromodichloromethane	83	12.003	12.003	(1.100)	646843	10.0000	9.7
55 1,3-Dichloropropene (cis)	75	12.634	12.634	(1.158)	399318	10.0000	9.3
56 Methyl isobutyl ketone	43	12.795	12.795	(1.173)	247909	10.0000	9.0
57 n-Octane	43	13.062	13.057	(1.197)	314993	10.0000	9.1
58 Toluene	92	13.062	13.068	(0.869)	496973	10.0000	9.1
59 1,3-Dichloropropene (trans)	75	13.431	13.431	(1.231)	418671	10.0000	9.4
60 1,1,2-Trichloroethane	83	13.699	13.699	(0.911)	278527	10.0000	9.2
61 Tetrachloroethene	166	13.832	13.833	(0.920)	532215	10.0000	9.3

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.972	13.972	(0.930)	234241	10.0000	9.0
63 Dibromochloromethane	129	14.255	14.255	(0.948)	742079	10.0000	9.7
64 1,2-Dibromoethane	107	14.458	14.458	(0.962)	588370	10.0000	9.5
* 65 Chlorobenzene-d5	117	15.031	15.031	(1.000)	1328235	10.0000	
66 Chlorobenzene	112	15.068	15.074	(1.002)	788996	10.0000	9.1
67 n-Nonane	57	15.175	15.181	(1.010)	359772	10.0000	9.5
68 Ethylbenzene	91	15.143	15.143	(1.007)	1120053	10.0000	9.4
69 Xylene (m,p)	106	15.298	15.298	(1.018)	882396	20.0000	19
M 70 Xylenes, Total	106				1346252	10.0000	28
71 Xylene (o)	106	15.812	15.812	(1.052)	463855	10.0000	9.3
72 Styrene	104	15.839	15.839	(1.054)	625931	10.0000	9.6
73 Bromoform	173	16.122	16.122	(1.073)	672346	10.0000	10
74 Isopropylbenzene	105	16.229	16.229	(1.080)	1365358	10.0000	9.4
75 1,1,2,2-Tetrachloroethane	83	16.641	16.641	(1.107)	708542	10.0000	9.5
76 n-Propylbenzene	91	16.716	16.716	(1.112)	1500717	10.0000	9.9
77 1,2,3-Trichloropropane	75	16.727	16.727	(1.113)	489302	10.0000	10
78 n-Decane	57	16.791	16.796	(1.117)	462820	10.0000	11
79 4-Ethyltoluene	105	16.839	16.844	(1.120)	1354600	10.0000	9.9
80 2-Chlorotoluene	91	16.876	16.876	(1.123)	1247413	10.0000	9.6
81 1,3,5-Trimethylbenzene	105	16.909	16.909	(1.125)	1154297	10.0000	9.7
82 Alpha Methyl Styrene	118	17.176	17.176	(1.143)	545971	10.0000	10
83 tert-butylbenzene	119	17.278	17.278	(1.149)	1142174	10.0000	9.6
84 1,2,4-Trimethylbenzene	105	17.347	17.347	(1.154)	1168482	10.0000	9.9
85 sec-Butylbenzene	105	17.535	17.535	(1.167)	1664142	10.0000	9.6
86 4-Isopropyltoluene	119	17.684	17.690	(1.177)	1421228	10.0000	10
87 1,3-Dichlorobenzene	146	17.748	17.749	(1.181)	802272	10.0000	9.8
88 1,4-Dichlorobenzene	146	17.861	17.861	(1.188)	782111	10.0000	10
89 Benzyl chloride	91	18.016	18.016	(1.199)	647145	10.0000	8.0
90 Undecane	57	18.160	18.160	(1.208)	276611	10.0000	8.2
91 n-Butylbenzene	91	18.182	18.187	(1.210)	1153051	10.0000	11
92 1,2-Dichlorobenzene	146	18.337	18.337	(1.220)	822429	10.0000	9.8
93 Dodecane	57	19.589	19.589	(1.303)	188463	10.0000	8.4
94 1,2,4-Trichlorobenzene	180	20.637	20.637	(1.373)	373370	10.0000	10
95 1,3-Hexachlorobutadiene	225	20.809	20.809	(1.384)	479235	10.0000	11
96 Naphthalene	128	21.108	21.108	(1.404)	797195	10.0000	8.9
97 1,2,3-Trichlorobenzene	180	21.568	21.568	(1.435)	340764	10.0000	10

Data File: gfgc002.d
Client ID: ccvis 126754
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 126754
Lab Sample ID: ccvis 126754

Date: 08-APR-2011 14:28
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-16389/2 Calibration Date: 04/11/2011 10:33
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfgd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 126754

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2037	0.2053		10.1	10.0	0.8	30.0
Dichlorodifluoromethane	Ave	1.479	1.521		10.3	10.0	2.8	30.0
Freon 22	Ave	0.5975	0.6201		10.4	10.0	3.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.267	1.300		10.3	10.0	2.6	30.0
Chloromethane	Ave	0.2580	0.2638		10.2	10.0	2.2	30.0
n-Butane	Ave	0.3852	0.3891		10.1	10.0	1.0	30.0
Vinyl chloride	Ave	0.3555	0.3613		10.2	10.0	1.6	30.0
1,3-Butadiene	Ave	0.2306	0.2313		10.0	10.0	0.3	30.0
Bromomethane	Ave	0.8101	0.7617		9.40	10.0	-6.0	30.0
Chloroethane	Ave	0.2745	0.2591		9.44	10.0	-5.6	30.0
Isopentane	Ave	0.4745	0.4470		9.42	10.0	-5.8	30.0
Bromoethene (Vinyl Bromide)	Ave	0.8946	0.8372		9.36	10.0	-6.4	30.0
Trichlorofluoromethane	Ave	2.671	2.598		9.73	10.0	-2.7	30.0
n-Pentane	Ave	0.8097	0.7810		9.64	10.0	-3.6	30.0
Ethanol	Ave	0.1831	0.1639		13.4	15.0	-10.5	30.0
Ethyl ether	Ave	0.3593	0.3495		9.73	10.0	-2.7	30.0
Acrolein	Ave	0.1721	0.1444		8.39	10.0	-16.1	30.0
Freon TF	Ave	1.916	1.918		10.0	10.0	0.1	30.0
1,1-Dichloroethene	Ave	0.8352	0.8397		10.1	10.0	0.5	30.0
Acetone	Ave	0.7435	0.7999		10.8	10.0	7.6	30.0
Isopropyl alcohol	Ave	0.5016	0.5314		10.6	10.0	5.9	30.0
Carbon disulfide	Ave	2.579	2.621		10.2	10.0	1.6	30.0
3-Chloropropene	Ave	0.5713	0.5362		9.38	10.0	-6.1	30.0
Acetonitrile	Ave	0.2861	0.2871		10.0	10.0	0.3	30.0
Methylene Chloride	Ave	0.6540	0.6395		9.78	10.0	-2.2	30.0
tert-Butyl alcohol	Ave	0.9270	1.023		11.0	10.0	10.4	30.0
Methyl tert-butyl ether	Ave	1.830	1.783		9.74	10.0	-2.6	30.0
trans-1,2-Dichloroethene	Ave	1.029	1.039		10.1	10.0	1.0	30.0
Acrylonitrile	Ave	0.3268	0.3160		9.67	10.0	-3.3	30.0
n-Hexane	Ave	0.8663	0.8624		9.95	10.0	-0.4	30.0
1,1-Dichloroethane	Ave	1.263	1.261		9.98	10.0	-0.2	30.0
Vinyl acetate	Ave	1.021	0.9619		9.42	10.0	-5.8	30.0
cis-1,2-Dichloroethene	Ave	0.9161	0.9127		9.96	10.0	-0.4	30.0
Methyl Ethyl Ketone	Ave	0.2713	0.2620		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0467	0.0452		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0959	0.0920		9.59	10.0	-4.1	30.0
Chloroform	Ave	1.952	1.954		10.0	10.0	0.1	30.0
1,1,1-Trichloroethane	Ave	0.5145	0.5304		10.3	10.0	3.1	30.0
Cyclohexane	Ave	0.2371	0.2429		10.2	10.0	2.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-16389/2 Calibration Date: 04/11/2011 10:33
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfgd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 126754

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6060	0.6261		10.3	10.0	3.3	30.0
2,2,4-Trimethylpentane	Ave	0.6214	0.6284		10.1	10.0	1.1	30.0
Benzene	Ave	0.5167	0.5139		9.95	10.0	-0.5	30.0
1,2-Dichloroethane	Ave	0.2608	0.2662		10.2	10.0	2.1	30.0
n-Heptane	Ave	0.1930	0.1892		9.80	10.0	-2.0	30.0
n-Butanol	Ave	0.0550	0.0508		9.24	10.0	-7.6	30.0
Trichloroethene	Ave	0.2988	0.3066		10.3	10.0	2.6	30.0
1,2-Dichloropropane	Ave	0.1643	0.1639		9.97	10.0	-0.3	30.0
Methyl methacrylate	Ave	0.1296	0.1296		10.0	10.0	-0.0	30.0
1,4-Dioxane	Ave	0.0722	0.0742		10.3	10.0	2.8	30.0
Dibromomethane	Ave	0.2674	0.2684		10.0	10.0	0.4	30.0
Bromodichloromethane	Ave	0.4685	0.4921		10.5	10.0	5.0	30.0
cis-1,3-Dichloropropene	Ave	0.2990	0.3038		10.2	10.0	1.6	30.0
methyl isobutyl ketone	Ave	0.1937	0.1926		9.94	10.0	-0.6	30.0
n-Octane	Ave	0.2433	0.2412		9.91	10.0	-0.9	30.0
Toluene	Ave	0.4092	0.4011		9.80	10.0	-2.0	30.0
trans-1,3-Dichloropropene	Ave	0.3106	0.3127		10.1	10.0	0.7	30.0
1,1,2-Trichloroethane	Ave	0.2268	0.2254		9.94	10.0	-0.6	30.0
Tetrachloroethene	Ave	0.4303	0.4230		9.83	10.0	-1.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1957	0.1958		10.0	10.0	0.0	30.0
Dibromochloromethane	Ave	0.5732	0.5939		10.4	10.0	3.6	30.0
1,2-Dibromoethane	Ave	0.4673	0.4776		10.2	10.0	2.2	30.0
Chlorobenzene	Ave	0.6524	0.6440		9.87	10.0	-1.3	30.0
Ethylbenzene	Ave	0.8999	0.8905		9.89	10.0	-1.0	30.0
n-Nonane	Ave	0.2857	0.2893		10.1	10.0	1.3	30.0
m,p-Xylene	Ave	0.3572	0.3513		19.7	20.0	-1.6	30.0
Xylene, o-	Ave	0.3752	0.3687		9.83	10.0	-1.7	30.0
Styrene	Ave	0.4892	0.5065		10.4	10.0	3.5	30.0
Bromoform	Ave	0.4972	0.5292		10.6	10.0	6.4	30.0
Cumene	Ave	1.089	1.072		9.84	10.0	-1.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5613	0.5615		10.0	10.0	0.0	30.0
n-Propylbenzene	Ave	1.147	1.187		10.4	10.0	3.5	30.0
1,2,3-Trichloropropane	Ave	0.3647	0.3842		10.5	10.0	5.3	30.0
n-Decane	Ave	0.3311	0.3628		11.0	10.0	9.6	30.0
4-Ethyltoluene	Ave	1.034	1.068		10.3	10.0	3.3	30.0
2-Chlorotoluene	Ave	0.9739	0.9900		10.2	10.0	1.7	30.0
1,3,5-Trimethylbenzene	Ave	0.8926	0.9109		10.2	10.0	2.0	30.0
Alpha Methyl Styrene	Ave	0.4013	0.4269		10.6	10.0	6.4	30.0
tert-Butylbenzene	Ave	0.9004	0.8966		9.96	10.0	-0.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-16389/2 Calibration Date: 04/11/2011 10:33
 Instrument ID: G.i Calib Start Date: 04/05/2011 13:06
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 04/05/2011 18:15
 Lab File ID: gfgd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N
 EPA Sample No.: ccvis 126754

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8906	0.9231		10.4	10.0	3.6	30.0
sec-Butylbenzene	Ave	1.299	1.318		10.1	10.0	1.5	30.0
4-Isopropyltoluene	Ave	1.065	1.109		10.4	10.0	4.1	30.0
1,3-Dichlorobenzene	Ave	0.6180	0.6404		10.4	10.0	3.6	30.0
1,4-Dichlorobenzene	Ave	0.5907	0.6222		10.5	10.0	5.3	30.0
Benzyl chloride	Ave	0.6063	0.5076		8.37	10.0	-16.3	30.0
n-Undecane	Ave	0.2526	0.2628		10.4	10.0	4.0	30.0
n-Butylbenzene	Ave	0.7979	0.9008		11.3	10.0	12.9	30.0
1,2-Dichlorobenzene	Ave	0.6300	0.6438		10.2	10.0	2.2	30.0
n-Dodecane	Ave	0.1696	0.2035		12.0	10.0	20.0	30.0
1,2,4-Trichlorobenzene	Ave	0.2805	0.2929		10.4	10.0	4.4	30.0
Hexachlorobutadiene	Ave	0.3288	0.3567		10.8	10.0	8.5	30.0
Naphthalene	Ave	0.6706	0.6645		9.91	10.0	-0.9	30.0
1,2,3-Trichlorobenzene	Ave	0.2531	0.2751		10.9	10.0	8.7	30.0

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgdto15.b/gfgd002.d
 Lab Smp Id: ccvis 126754 Client Smp ID: ccvis 126754
 Inj Date : 11-APR-2011 10:33
 Operator : wrd Inst ID: G.i
 Smp Info : ccvis 126754
 Misc Info : 200,1,ccv
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgdto15.b/to15v5.m
 Meth Date : 12-Apr-2011 15:03 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

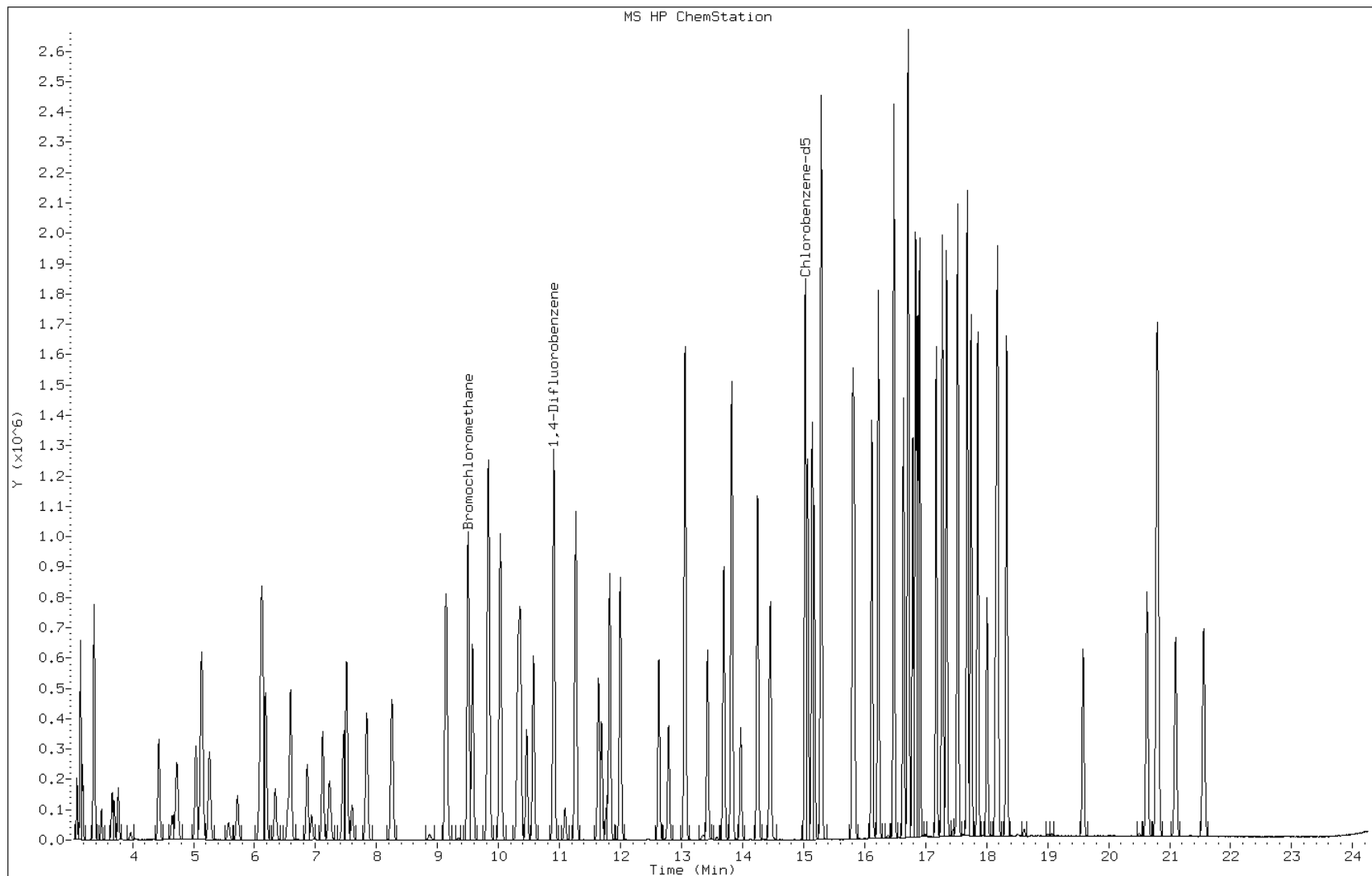
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
1 Propene	41		3.090	3.096	(0.325)	71046	10.0000	10
2 Dichlorodifluoromethane	85		3.149	3.155	(0.332)	526267	10.0000	10
3 Chlorodifluoromethane	51		3.181	3.187	(0.335)	214568	10.0000	10
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.368	3.374	(0.355)	449943	10.0000	10
5 Chloromethane	50		3.491	3.497	(0.368)	91273	10.0000	10
6 Butane	43		3.668	3.673	(0.386)	134660	10.0000	10
7 Vinyl chloride	62		3.700	3.711	(0.390)	125015	10.0000	10
8 1,3-Butadiene	54		3.770	3.775	(0.397)	80030	10.0000	10
9 Bromomethane	94		4.428	4.438	(0.466)	263566	10.0000	9.4
10 Chloroethane	64		4.647	4.658	(0.489)	89652	10.0000	9.4
11 2-Methylbutane	43		4.727	4.738	(0.498)	154664	10.0000	9.4
12 Vinyl bromide	106		5.038	5.048	(0.530)	289712	10.0000	9.4
13 Trichlorofluoromethane	101		5.134	5.145	(0.540)	899060	10.0000	9.7
14 Pentane	43		5.262	5.273	(0.554)	270249	10.0000	9.6

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
15 Ethanol	45	5.572	5.583	(0.587)	85135	15.0000	13
16 Ethyl ether	59	5.722	5.728	(0.602)	120956	10.0000	9.7
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.118	6.124	(0.644)	663833	10.0000	10
18 Acrolein	56	6.075	6.081	(0.640)	49973	10.0000	8.4
19 1,1-Dichloroethene	96	6.182	6.193	(0.651)	290557	10.0000	10
20 Acetone	43	6.338	6.348	(0.667)	276797	10.0000	11
21 Carbon disulfide	76	6.589	6.600	(0.694)	907156	10.0000	10
22 Isopropanol	45	6.546	6.557	(0.689)	183897	10.0000	11
23 Allyl chloride	41	6.867	6.873	(0.723)	185546	10.0000	9.4
24 Acetonitrile	41	6.937	6.947	(0.730)	99335	10.0000	10
25 Methylene chloride	49	7.113	7.124	(0.749)	221297	10.0000	9.8
26 Tert-butyl alcohol	59	7.231	7.242	(0.761)	354019	10.0000	11
27 Methyl tert-butyl ether	73	7.461	7.472	(0.785)	616890	10.0000	9.7
28 1,2-Dichloroethene (trans)	61	7.514	7.520	(0.791)	359641	10.0000	10
29 Acrylonitrile	53	7.595	7.605	(0.800)	109353	10.0000	9.7
30 n-Hexane	57	7.841	7.846	(0.825)	298441	10.0000	10
31 1,1-Dichloroethane	63	8.242	8.253	(0.868)	436484	10.0000	10
32 Vinyl acetate	43	8.263	8.269	(0.870)	332858	10.0000	9.4
M 33 1,2-Dichloroethene,Total	61				675479	20.0000	20
34 1,2-Dichloroethene (cis)	96	9.135	9.141	(0.962)	315838	10.0000	10
35 Ethyl acetate	88	9.151	9.168	(0.963)	15631	10.0000	9.7
36 Methyl Ethyl Ketone	72	9.135	9.146	(0.962)	90662	10.0000	9.7
* 37 Bromochloromethane	128	9.499	9.510	(1.000)	346114	10.0000	
38 Tetrahydrofuran	42	9.510	9.521	(0.872)	134997	10.0000	9.6
39 Chloroform	83	9.574	9.585	(1.008)	676274	10.0000	10
40 Cyclohexane	84	9.836	9.842	(0.902)	356292	10.0000	10
41 1,1,1-Trichloroethane	97	9.831	9.836	(0.901)	777947	10.0000	10
42 Carbon tetrachloride	117	10.029	10.040	(0.920)	918378	10.0000	10
43 2,2,4-Trimethylpentane	57	10.323	10.328	(0.947)	921764	10.0000	10
44 Benzene	78	10.361	10.366	(0.950)	753860	10.0000	9.9
45 1,2-Dichloroethane	62	10.462	10.468	(0.959)	390517	10.0000	10
46 n-Heptane	43	10.574	10.580	(0.970)	277503	10.0000	9.8
* 47 1,4-Difluorobenzene	114	10.906	10.912	(1.000)	1467100	10.0000	
48 n-Butanol	56	11.093	11.099	(1.017)	74569	10.0000	9.2
49 Trichloroethene	95	11.265	11.270	(1.033)	449645	10.0000	10
50 1,2-Dichloropropane	63	11.639	11.645	(1.067)	240344	10.0000	10
51 Methyl methacrylate	69	11.687	11.698	(1.072)	190122	10.0000	10
52 Dibromomethane	174	11.821	11.826	(1.084)	393738	10.0000	10
53 1,4-Dioxane	88	11.767	11.778	(1.079)	108827	10.0000	10
54 Bromodichloromethane	83	11.998	12.003	(1.100)	721786	10.0000	11
55 1,3-Dichloropropene (cis)	75	12.629	12.634	(1.158)	445676	10.0000	10
56 Methyl isobutyl ketone	43	12.789	12.795	(1.173)	282482	10.0000	9.9
57 n-Octane	43	13.051	13.057	(1.197)	353746	10.0000	9.9
58 Toluene	92	13.057	13.068	(0.869)	555195	10.0000	9.8
59 1,3-Dichloropropene (trans)	75	13.421	13.431	(1.231)	458667	10.0000	10
60 1,1,2-Trichloroethane	83	13.693	13.699	(0.911)	311965	10.0000	9.9
61 Tetrachloroethene	166	13.827	13.833	(0.920)	585557	10.0000	9.8

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppb v/v)	ON-COL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====
62 2-Hexanone	43	13.966	13.972	(0.930)	270968	10.0000	10
63 Dibromochloromethane	129	14.244	14.255	(0.948)	821983	10.0000	10
64 1,2-Dibromoethane	107	14.453	14.458	(0.962)	661072	10.0000	10
* 65 Chlorobenzene-d5	117	15.025	15.031	(1.000)	1384427	10.0000	
66 Chlorobenzene	112	15.063	15.074	(1.002)	891333	10.0000	9.9
67 n-Nonane	57	15.175	15.181	(1.010)	400429	10.0000	10
68 Ethylbenzene	91	15.138	15.143	(1.007)	1232587	10.0000	9.9
69 Xylene (m,p)	106	15.293	15.298	(1.018)	972633	20.0000	20
M 70 Xylenes, Total	106				1483008	10.0000	29
71 Xylene (o)	106	15.806	15.812	(1.052)	510375	10.0000	9.8
72 Styrene	104	15.833	15.839	(1.054)	701108	10.0000	10
73 Bromoform	173	16.117	16.122	(1.073)	732541	10.0000	11
74 Isopropylbenzene	105	16.224	16.229	(1.080)	1483152	10.0000	9.8
75 1,1,2,2-Tetrachloroethane	83	16.636	16.641	(1.107)	777145	10.0000	10
76 n-Propylbenzene	91	16.705	16.716	(1.112)	1643006	10.0000	10
77 1,2,3-Trichloropropane	75	16.716	16.727	(1.113)	531766	10.0000	11
78 n-Decane	57	16.785	16.796	(1.117)	502157	10.0000	11
79 4-Ethyltoluene	105	16.834	16.844	(1.120)	1477644	10.0000	10
80 2-Chlorotoluene	91	16.871	16.876	(1.123)	1370349	10.0000	10
81 1,3,5-Trimethylbenzene	105	16.903	16.909	(1.125)	1260780	10.0000	10
82 Alpha Methyl Styrene	118	17.171	17.176	(1.143)	590905	10.0000	11
83 tert-butylbenzene	119	17.272	17.278	(1.150)	1241083	10.0000	10
84 1,2,4-Trimethylbenzene	105	17.342	17.347	(1.154)	1277658	10.0000	10
85 sec-Butylbenzene	105	17.529	17.535	(1.167)	1824989	10.0000	10
86 4-Isopropyltoluene	119	17.679	17.690	(1.177)	1534345	10.0000	10
87 1,3-Dichlorobenzene	146	17.743	17.749	(1.181)	886403	10.0000	10
88 1,4-Dichlorobenzene	146	17.855	17.861	(1.188)	861214	10.0000	11
89 Benzyl chloride	91	18.005	18.016	(1.198)	702527	10.0000	8.4
90 Undecane	57	18.155	18.160	(1.208)	363777	10.0000	10
91 n-Butylbenzene	91	18.176	18.187	(1.210)	1246872	10.0000	11
92 1,2-Dichlorobenzene	146	18.326	18.337	(1.220)	891137	10.0000	10
93 Dodecane	57	19.583	19.589	(1.303)	281603	10.0000	12
94 1,2,4-Trichlorobenzene	180	20.627	20.637	(1.373)	405410	10.0000	10
95 1,3-Hexachlorobutadiene	225	20.798	20.809	(1.384)	493691	10.0000	11
96 Naphthalene	128	21.097	21.108	(1.404)	919729	10.0000	9.9
97 1,2,3-Trichlorobenzene	180	21.557	21.568	(1.435)	380821	10.0000	11

Data File: gfgd002.d
Client ID: ccvis 126754
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: ccvis 126754
Lab Sample ID: ccvis 126754

Date: 11-APR-2011 10:33
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfgto15.b/gfg001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 05-APR-2011 11:18
 Operator : wrd Inst ID: G.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgto15.b/bfbto15.m
 Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

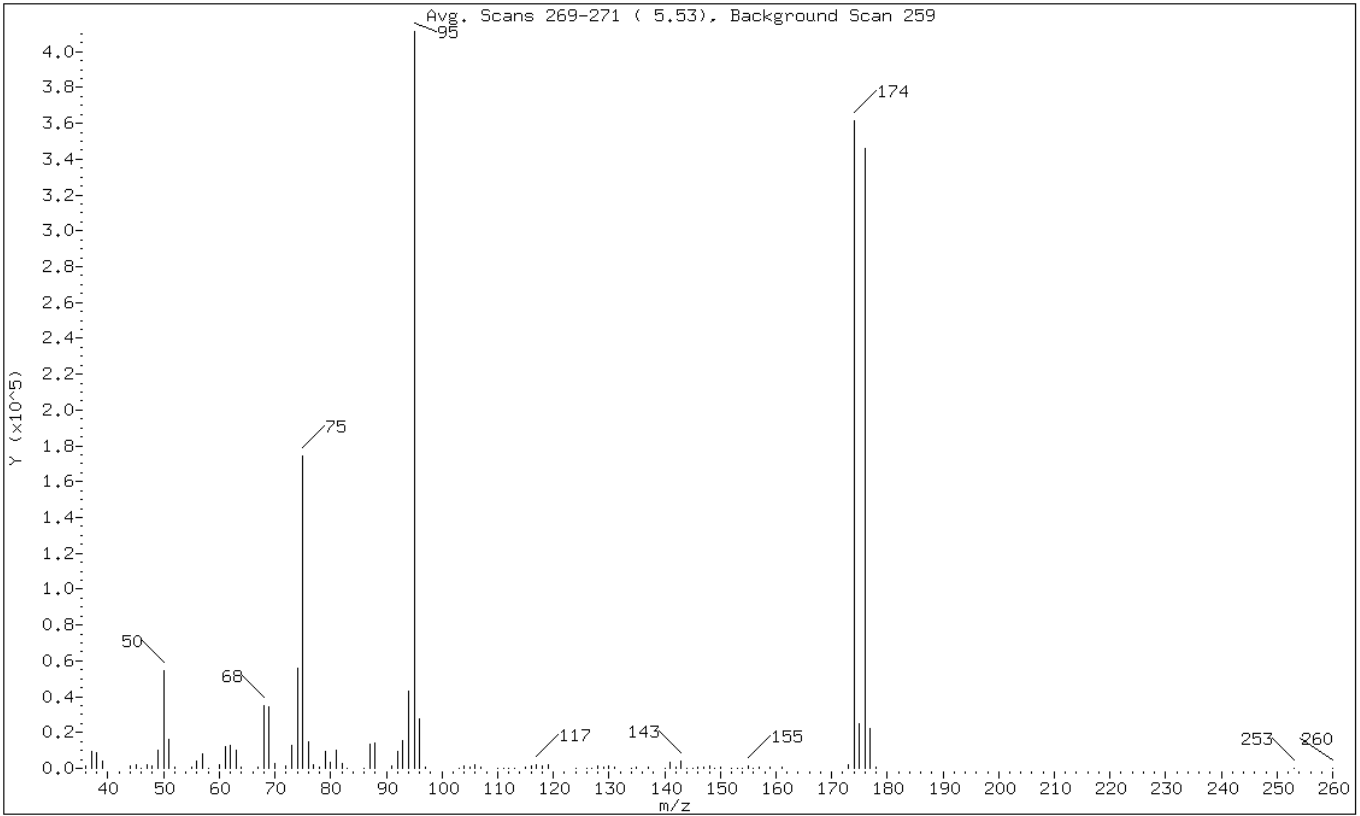
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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	
5.526	5.900	-0.374	95	411200		100.00- 100.00	100.00
5.526	5.900	-0.374	50	54360		8.00- 40.00	13.22
5.526	5.900	-0.374	75	174400		30.00- 66.00	42.41
5.526	5.900	-0.374	96	27612		5.00- 9.00	6.71
5.526	5.900	-0.374	173	1746		0.00- 2.00	0.48
5.526	5.900	-0.374	174	361216		50.00- 120.00	87.84
5.526	5.900	-0.374	175	25037		4.00- 9.00	6.93
5.526	5.900	-0.374	176	346069		93.00- 101.00	95.81
5.526	5.900	-0.374	177	22248		5.00- 9.00	6.43

Data File: gfg001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 05-APR-2011 11:18
 Instrument: G.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	13.22
75	30.00 - 66.00% of mass 95	42.41
96	5.00 - 9.00% of mass 95	6.71
173	Less than 2.00% of mass 174	0.42 (0.48)
174	50.00 - 120.00% of mass 95	87.84
175	4.00 - 9.00% of mass 174	6.09 (6.93)
176	93.00 - 101.00% of mass 174	84.16 (95.81)
177	5.00 - 9.00% of mass 176	5.41 (6.43)

Data File: gfg001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

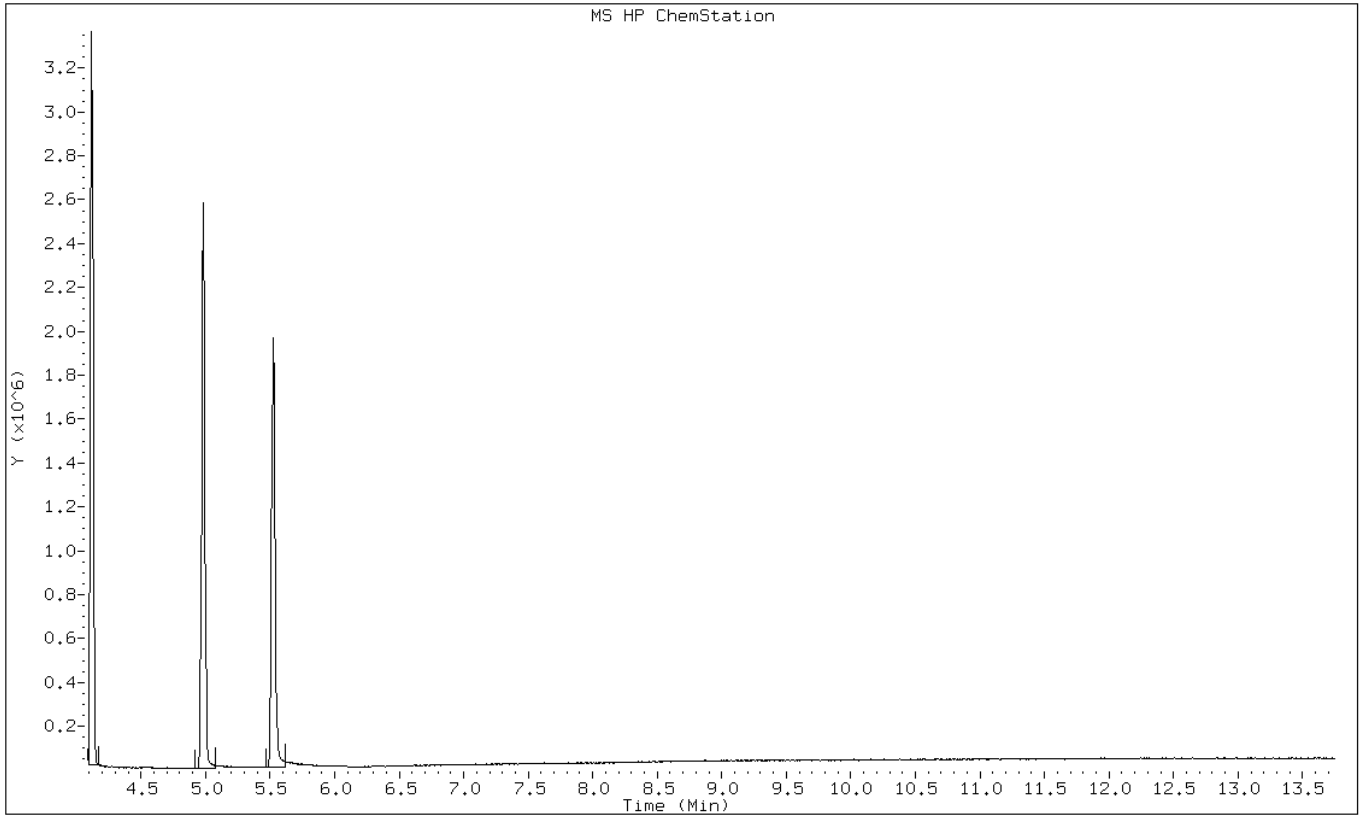
Date: 05-APR-2011 11:18
 Instrument: G.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfgto15.b/gfg001.d
 Spectrum: Avg. Scans 269-271 (5.53), Background Scan 259
 Location of Maximum: 95.00
 Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1621	70.00	2547	105.00	691	143.00	3738
37.00	9489	72.00	1458	106.00	1694	144.00	232
38.00	8761	73.00	12944	107.00	363	145.00	331
39.00	3953	74.00	55624	110.00	67	146.00	574
44.00	1135	75.00	174400	111.00	275	147.00	406
45.00	2199	76.00	14788	112.00	76	148.00	1070
46.00	68	77.00	1947	113.00	297	149.00	329
47.00	2228	78.00	983	115.00	410	150.00	424
48.00	1284	79.00	9517	116.00	1399	152.00	165
49.00	10348	80.00	3401	117.00	1952	153.00	296
50.00	54360	81.00	9842	118.00	1479	154.00	267
51.00	15936	82.00	2618	119.00	1785	155.00	1079
52.00	598	83.00	142	124.00	150	156.00	134
55.00	725	86.00	251	126.00	69	157.00	724
56.00	3920	87.00	13658	127.00	191	159.00	453
57.00	7936	88.00	13983	128.00	1499	161.00	464
58.00	325	91.00	1372	129.00	783	173.00	1746
60.00	2317	92.00	9701	130.00	1465	174.00	361216
61.00	12157	93.00	15538	131.00	582	175.00	25032
62.00	12979	94.00	43320	134.00	75	176.00	346048
63.00	10415	95.00	411200	135.00	625	177.00	22248
64.00	992	96.00	27608	137.00	647	178.00	697
67.00	747	97.00	989	140.00	333	253.00	45
68.00	34712	103.00	277	141.00	3331	260.00	72
69.00	34504	104.00	1615	142.00	365		

Data File: gfg001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 05-APR-2011 11:18
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfgcto15.b/gfgc001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 08-APR-2011 13:36
 Operator : wrd Inst ID: G.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgcto15.b/bfbto15.m
 Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

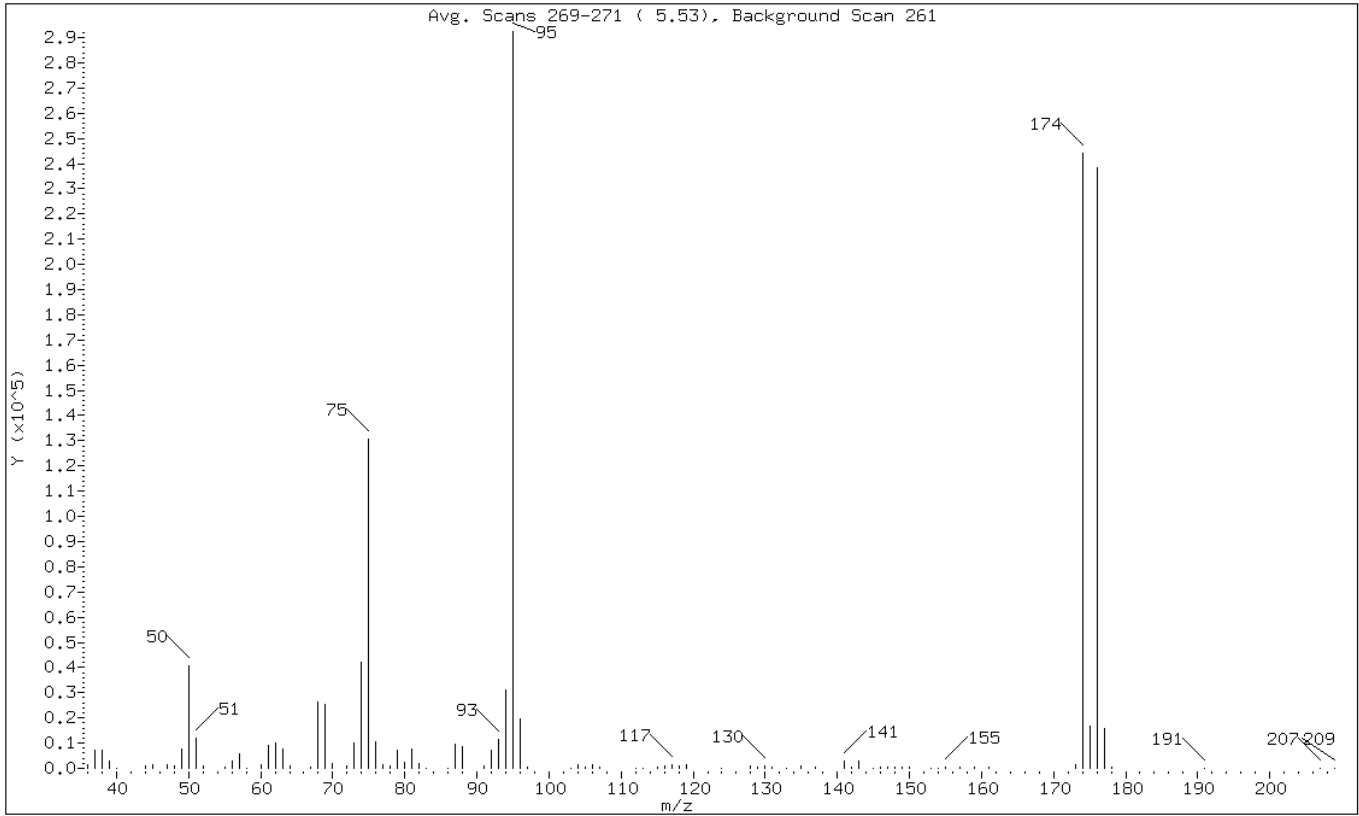
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
		ON-COL		FINAL		TARGET RANGE		RATIO
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====	=====
\$	1	bfb				CAS #:	460-00-4	
5.526	5.900	-0.374	95	292458		100.00-	100.00	100.00
5.526	5.900	-0.374	50	40864		8.00-	40.00	13.97
5.526	5.900	-0.374	75	130802		30.00-	66.00	44.73
5.526	5.900	-0.374	96	19741		5.00-	9.00	6.75
5.526	5.900	-0.374	173	1336		0.00-	2.00	0.55
5.526	5.900	-0.374	174	243904		50.00-	120.00	83.40
5.526	5.900	-0.374	175	16684		4.00-	9.00	6.84
5.526	5.900	-0.374	176	238144		93.00-	101.00	97.64
5.526	5.900	-0.374	177	15798		5.00-	9.00	6.63

Data File: gfgc001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 08-APR-2011 13:36
 Instrument: G.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	13.97
75	30.00 - 66.00% of mass 95	44.73
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.46 (0.55)
174	50.00 - 120.00% of mass 95	83.40
175	4.00 - 9.00% of mass 174	5.70 (6.84)
176	93.00 - 101.00% of mass 174	81.43 (97.64)
177	5.00 - 9.00% of mass 176	5.40 (6.63)

Data File: gfgc001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

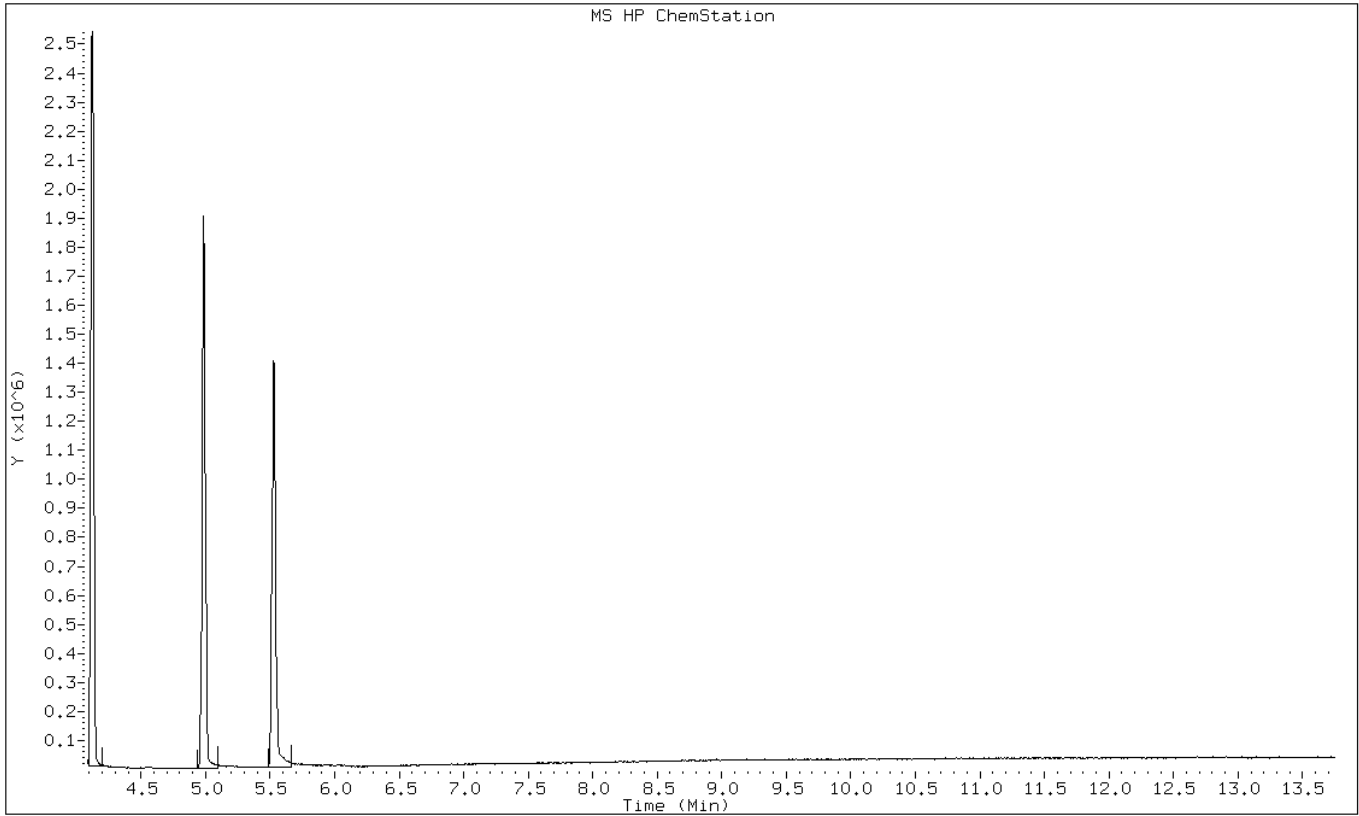
Date: 08-APR-2011 13:36
 Instrument: G.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfgcto15.b/gfgc001.d
 Spectrum: Avg. Scans 269-271 (5.53), Background Scan 261
 Location of Maximum: 95.00
 Number of points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1330	69.00	25472	103.00	94	146.00	376
37.00	7155	70.00	2153	104.00	1254	147.00	307
38.00	6987	72.00	1087	105.00	456	148.00	666
39.00	2726	73.00	9888	106.00	1203	149.00	255
40.00	215	74.00	42008	107.00	340	150.00	310
44.00	918	75.00	130800	112.00	68	153.00	146
45.00	1543	76.00	10746	113.00	166	154.00	136
47.00	1591	77.00	1221	115.00	388	155.00	643
48.00	1012	78.00	819	116.00	977	157.00	560
49.00	7523	79.00	7257	117.00	1580	159.00	250
50.00	40864	80.00	2426	118.00	1044	161.00	391
51.00	12053	81.00	7516	119.00	1387	173.00	1336
52.00	759	82.00	1797	124.00	69	174.00	243904
55.00	442	83.00	94	128.00	993	175.00	16680
56.00	3095	86.00	150	129.00	552	176.00	238144
57.00	5894	87.00	9387	130.00	1150	177.00	15798
58.00	81	88.00	8597	131.00	358	178.00	379
60.00	1600	91.00	1063	133.00	12	191.00	28
61.00	8952	92.00	7340	135.00	777	207.00	25
62.00	10030	93.00	11637	137.00	421	209.00	30
63.00	7845	94.00	30992	141.00	2989		
64.00	733	95.00	292416	142.00	243		
67.00	537	96.00	19736	143.00	2812		
68.00	26408	97.00	600	145.00	165		

Data File: gfgc001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 08-APR-2011 13:36
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



TestAmerica Burlington

Data file : /chem/G.i/Gsvr.p/gfgdto15.b/gfgd001.d
 Lab Smp Id: BFB Client Smp ID: BFB
 Inj Date : 11-APR-2011 09:40
 Operator : wrd Inst ID: G.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgdto15.b/bfbto15.m
 Meth Date : 24-Nov-2009 09:15 njr Quant Type: ESTD
 Cal Date : 23-JUL-2003 17:23 Cal File: ai0005i4.d
 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

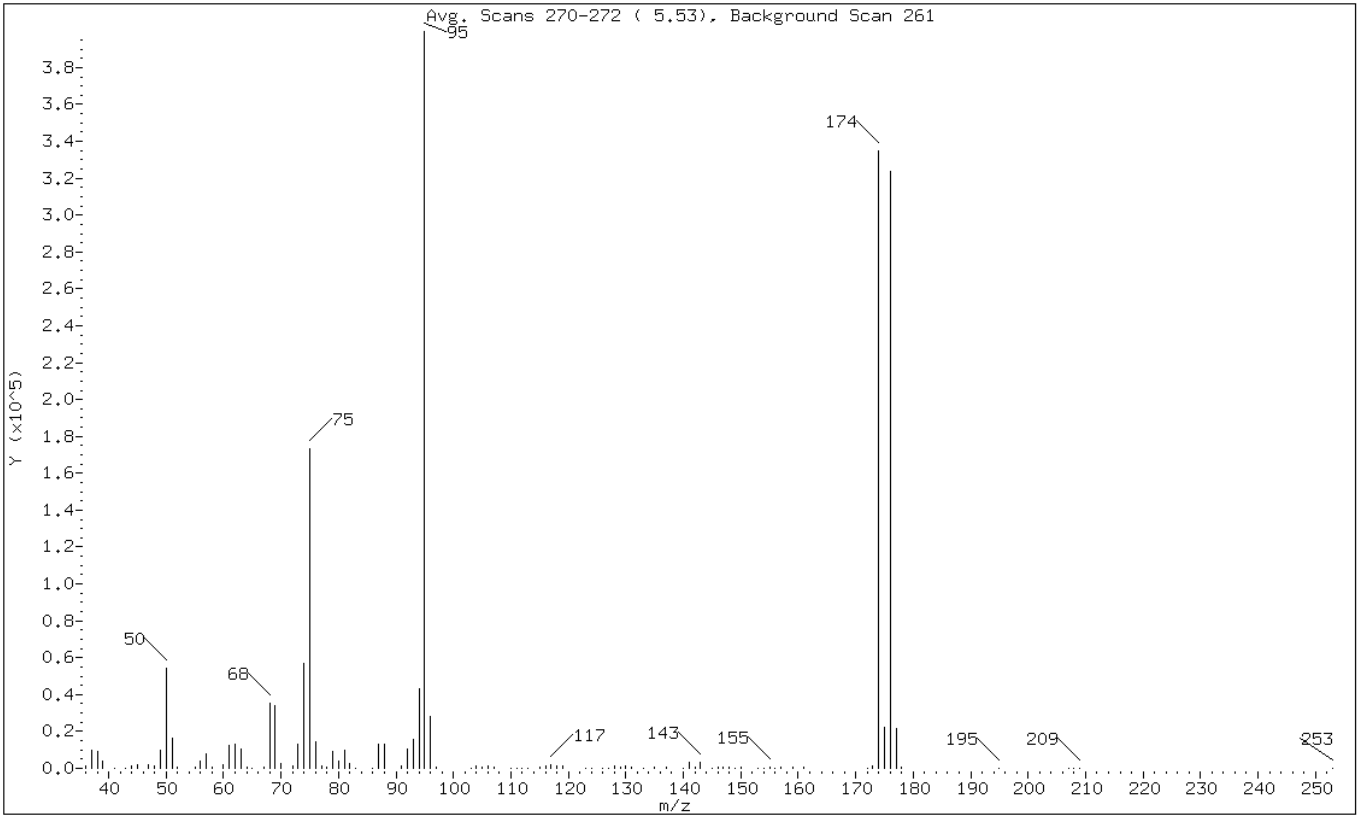
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor

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	
5.531	5.900	-0.369	95	399594		100.00- 100.00	100.00
5.531	5.900	-0.369	50	54101		8.00- 40.00	13.54
5.531	5.900	-0.369	75	173546		30.00- 66.00	43.43
5.531	5.900	-0.369	96	28266		5.00- 9.00	7.07
5.531	5.900	-0.369	173	1556		0.00- 2.00	0.46
5.531	5.900	-0.369	174	334848		50.00- 120.00	83.80
5.531	5.900	-0.369	175	22440		4.00- 9.00	6.70
5.531	5.900	-0.369	176	324010		93.00- 101.00	96.76
5.531	5.900	-0.369	177	21512		5.00- 9.00	6.64

Data File: gfgd001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB
 1 bfb

Date: 11-APR-2011 09:40
 Instrument: G.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	13.54
75	30.00 - 66.00% of mass 95	43.43
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	0.39 (0.46)
174	50.00 - 120.00% of mass 95	83.80
175	4.00 - 9.00% of mass 174	5.62 (6.70)
176	93.00 - 101.00% of mass 174	81.08 (96.76)
177	5.00 - 9.00% of mass 176	5.38 (6.64)

Data File: gfgd001.d
 Client ID: BFB
 Operator: wrd
 Column Type:
 Stationary Phase: RTX-624
 Sample Info: BFB
 Lab Sample ID: BFB

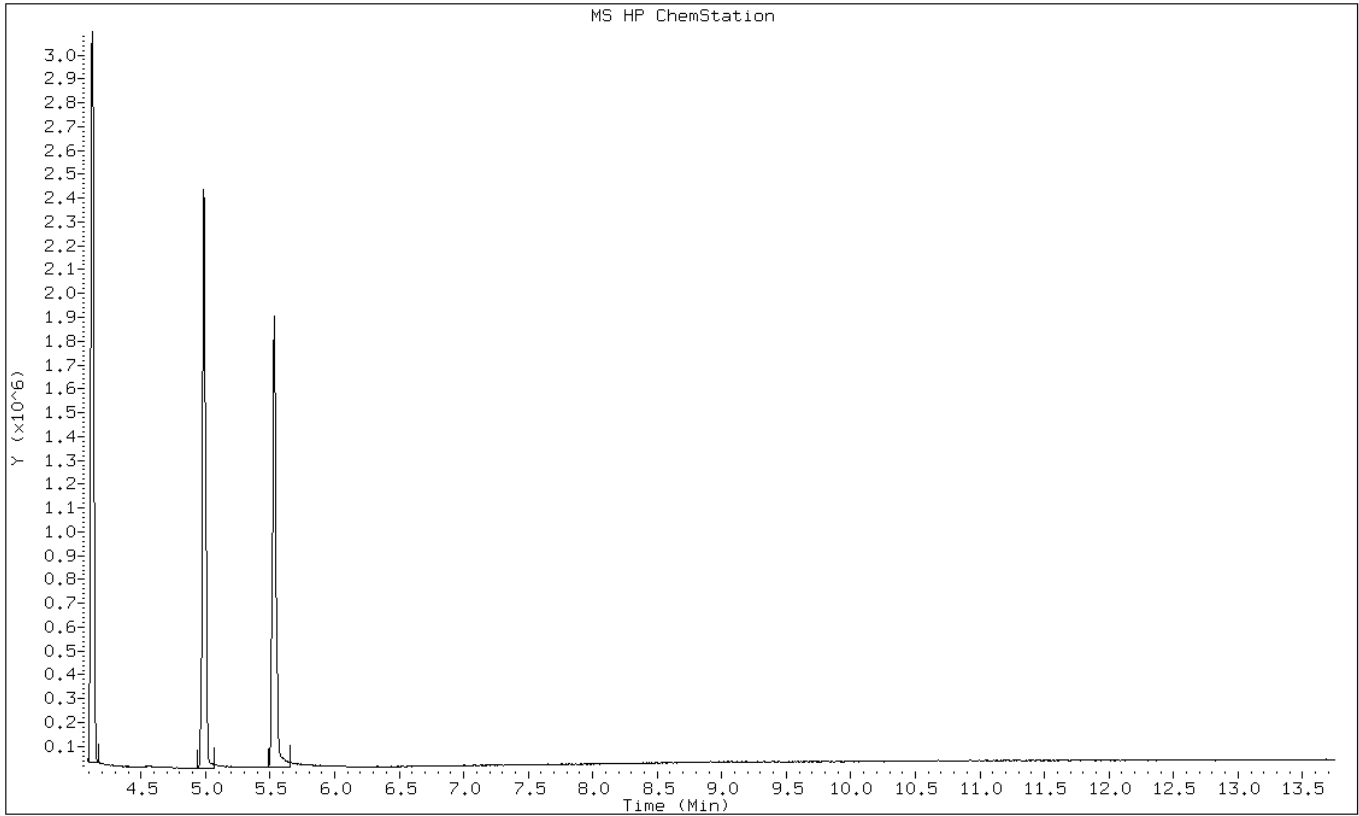
Date: 11-APR-2011 09:40
 Instrument: G.i
 Inj Vol: 0.0 (ul)
 Diameter: 0.32 (mm)

Data File: /chem/G.i/Gsvr.p/gfgdto15.b/gfgd001.d
 Spectrum: Avg. Scans 270-272 (5.53), Background Scan 261
 Location of Maximum: 95.00
 Number of points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1575	70.00	2757	107.00	431	147.00	404
37.00	9682	72.00	1302	110.00	183	148.00	935
38.00	9073	73.00	12859	111.00	212	149.00	311
39.00	3721	74.00	56568	112.00	76	150.00	370
41.00	156	75.00	173504	113.00	281	153.00	200
43.00	70	76.00	14173	115.00	517	154.00	258
44.00	1324	77.00	1557	116.00	1288	155.00	945
45.00	2154	78.00	703	117.00	1782	156.00	291
47.00	2130	79.00	9439	118.00	1454	157.00	762
48.00	1331	80.00	3739	119.00	1609	159.00	425
49.00	10006	81.00	9913	123.00	91	161.00	333
50.00	54096	82.00	2813	124.00	175	172.00	319
51.00	16077	83.00	247	126.00	146	173.00	1556
52.00	648	86.00	282	127.00	172	174.00	334848
55.00	654	87.00	13394	128.00	1413	175.00	22440
56.00	3868	88.00	12835	129.00	710	176.00	323968
57.00	8161	91.00	1222	130.00	1521	177.00	21512
58.00	402	92.00	10266	131.00	670	178.00	616
60.00	2255	93.00	15704	133.00	100	195.00	67
61.00	12637	94.00	42864	135.00	553	207.00	13
62.00	12915	95.00	399552	137.00	575	208.00	66
63.00	10462	96.00	28264	140.00	233	209.00	111
64.00	961	97.00	895	141.00	3424	253.00	281
65.00	164	103.00	312	142.00	408		
67.00	695	104.00	1530	143.00	3495		
68.00	35120	105.00	686	145.00	317		
69.00	33792	106.00	1590	146.00	577		

Data File: gfgd001.d
Client ID: BFB
Operator: wrd
Column Type:
Stationary Phase: RTX-624
Sample Info: BFB
Lab Sample ID: BFB

Date: 11-APR-2011 09:40
Instrument: G.i
Inj Vol: 0.0 (ul)
Diameter: 0.32 (mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16379/4
 Matrix: Air Lab File ID: gfgc004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/08/2011 16:11
 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.: 16379 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	ND		0.50	0.50
75-01-4	Vinyl chloride	62.50	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	ND		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	ND		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.20	0.20
110-54-3	n-Hexane	86.17	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	ND		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	ND		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16379/4
 Matrix: Air Lab File ID: gfgc004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/08/2011 16:11
 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.: 16379 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	ND		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	ND		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16379/4
 Matrix: Air Lab File ID: gfgc004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/08/2011 16:11
 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.: 16379 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		1.4	1.4
74-87-3	Chloromethane	50.49	ND		1.0	1.0
75-01-4	Vinyl chloride	62.50	ND		0.51	0.51
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-00-3	Chloroethane	64.52	ND		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	ND		1.1	1.1
76-13-1	Freon TF	187.38	ND		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
67-64-1	Acetone	58.08	ND		12	12
67-63-0	Isopropyl alcohol	60.10	ND		12	12
75-15-0	Carbon disulfide	76.14	ND		1.6	1.6
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.79	0.79
110-54-3	n-Hexane	86.17	ND		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	ND		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.79	0.79
67-66-3	Chloroform	119.38	ND		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	ND		15	15
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
71-43-2	Benzene	78.11	ND		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
142-82-5	n-Heptane	100.21	ND		0.82	0.82
79-01-6	Trichloroethene	131.39	ND		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16379/4
 Matrix: Air Lab File ID: gfgc004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/08/2011 16:11
 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.: 16379 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	ND		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	ND		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgcto15.b/gfgc004.d
 Lab Smp Id: mb Client Smp ID: mb
 Inj Date : 08-APR-2011 16:11
 Operator : wrd Inst ID: G.i
 Smp Info : mb
 Misc Info : 200,1,mb
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgcGRN.b/to15v5.m
 Meth Date : 11-Apr-2011 12:44 klp Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 3 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

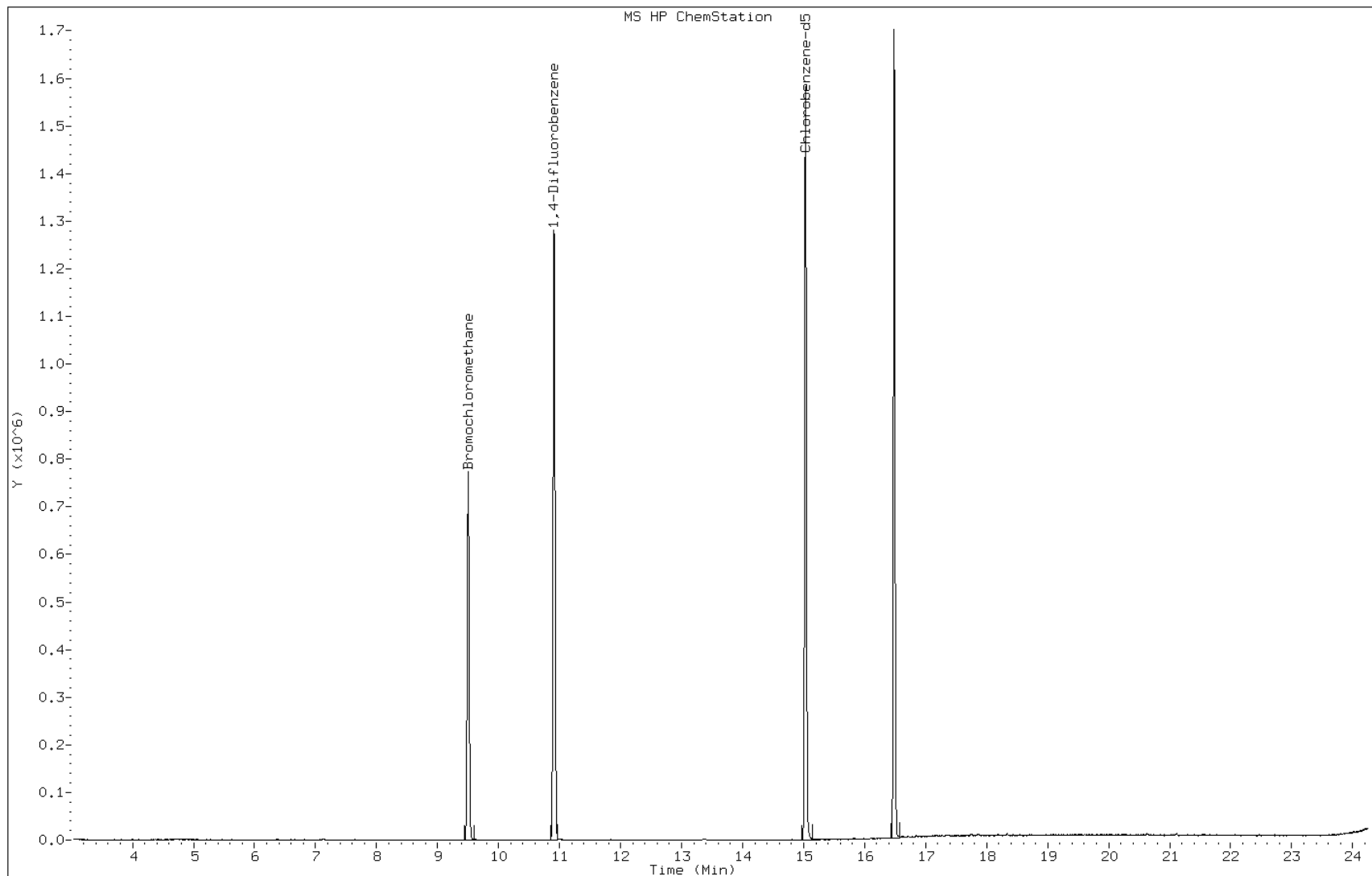
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50						
6 Butane	43						
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
11 2-Methylbutane	43						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
14 Pentane	43						

Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(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							Compound Not Detected.		
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		9.505	9.510	(1.000)		305880	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		10.912	10.912	(1.000)		1475570	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	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	15.031	15.031	(1.000)	1228929	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.		
199 1,1-Difluoroethane TIC	51				Compound Not Detected.		
200 Chlorotrifluoroethene TIC	116				Compound Not Detected.		
201 Pentafluoroethyl Chloride	85				Compound Not Detected.		
202 2,2-Dichloro-1,1,1-trifluoroethane	83				Compound Not Detected.		
203 Acetic Acid Methyl Ester	43				Compound Not Detected.		
204 Methylcyclohexane TIC	55				Compound Not Detected.		
205 1,2-Dibromo-3-chloropropane	75				Compound Not Detected.		

Data File: gfgc004.d
Client ID: mb
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 08-APR-2011 16:11
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.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16389/4
 Matrix: Air Lab File ID: gfgd004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/11/2011 12:16
 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.: 16389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.20	0.20
74-87-3	Chloromethane	50.49	ND		0.50	0.50
75-01-4	Vinyl chloride	62.50	ND		0.20	0.20
106-99-0	1,3-Butadiene	54.09	ND		0.20	0.20
74-83-9	Bromomethane	94.94	ND		0.20	0.20
75-00-3	Chloroethane	64.52	ND		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	ND		0.20	0.20
76-13-1	Freon TF	187.38	ND		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	ND		0.20	0.20
67-64-1	Acetone	58.08	ND		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	ND		5.0	5.0
75-15-0	Carbon disulfide	76.14	ND		0.50	0.50
107-05-1	3-Chloropropene	76.53	ND		0.50	0.50
75-09-2	Methylene Chloride	84.93	ND		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	ND		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.20	0.20
110-54-3	n-Hexane	86.17	ND		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	ND		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	ND		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.20	0.20
67-66-3	Chloroform	119.38	ND		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	ND		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.20	0.20
110-82-7	Cyclohexane	84.16	ND		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	ND		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	0.20
71-43-2	Benzene	78.11	ND		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	ND		0.20	0.20
142-82-5	n-Heptane	100.21	ND		0.20	0.20
79-01-6	Trichloroethene	131.39	ND		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16389/4
 Matrix: Air Lab File ID: gfgd004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/11/2011 12:16
 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.: 16389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		5.0	5.0
75-27-4	Bromodichloromethane	163.83	ND		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	ND		0.50	0.50
108-88-3	Toluene	92.14	ND		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.20	0.20
127-18-4	Tetrachloroethene	165.83	ND		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.50
124-48-1	Dibromochloromethane	208.29	ND		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	ND		0.20	0.20
108-90-7	Chlorobenzene	112.30	ND		0.20	0.20
100-41-4	Ethylbenzene	106.17	ND		0.20	0.20
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.50
95-47-6	Xylene, o-	106.17	ND		0.20	0.20
1330-20-7	Xylene (total)	106.17	ND		0.20	0.20
100-42-5	Styrene	104.15	ND		0.20	0.20
75-25-2	Bromoform	252.75	ND		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	ND		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	ND		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16389/4
 Matrix: Air Lab File ID: gfgd004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/11/2011 12:16
 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.: 16389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	ND		2.5	2.5
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		1.4	1.4
74-87-3	Chloromethane	50.49	ND		1.0	1.0
75-01-4	Vinyl chloride	62.50	ND		0.51	0.51
106-99-0	1,3-Butadiene	54.09	ND		0.44	0.44
74-83-9	Bromomethane	94.94	ND		0.78	0.78
75-00-3	Chloroethane	64.52	ND		1.3	1.3
593-60-2	Bromoethene (Vinyl Bromide)	106.96	ND		0.87	0.87
75-69-4	Trichlorofluoromethane	137.37	ND		1.1	1.1
76-13-1	Freon TF	187.38	ND		1.5	1.5
75-35-4	1,1-Dichloroethene	96.94	ND		0.79	0.79
67-64-1	Acetone	58.08	ND		12	12
67-63-0	Isopropyl alcohol	60.10	ND		12	12
75-15-0	Carbon disulfide	76.14	ND		1.6	1.6
107-05-1	3-Chloropropene	76.53	ND		1.6	1.6
75-09-2	Methylene Chloride	84.93	ND		1.7	1.7
75-65-0	tert-Butyl alcohol	74.12	ND		15	15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.72
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.79	0.79
110-54-3	n-Hexane	86.17	ND		0.70	0.70
75-34-3	1,1-Dichloroethane	98.96	ND		0.81	0.81
78-93-3	Methyl Ethyl Ketone	72.11	ND		1.5	1.5
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.79	0.79
540-59-0	1,2-Dichloroethene, Total	96.94	ND		0.79	0.79
67-66-3	Chloroform	119.38	ND		0.98	0.98
109-99-9	Tetrahydrofuran	72.11	ND		15	15
71-55-6	1,1,1-Trichloroethane	133.41	ND		1.1	1.1
110-82-7	Cyclohexane	84.16	ND		0.69	0.69
56-23-5	Carbon tetrachloride	153.81	ND		1.3	1.3
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	0.93
71-43-2	Benzene	78.11	ND		0.64	0.64
107-06-2	1,2-Dichloroethane	98.96	ND		0.81	0.81
142-82-5	n-Heptane	100.21	ND		0.82	0.82
79-01-6	Trichloroethene	131.39	ND		1.1	1.1
78-87-5	1,2-Dichloropropane	112.99	ND		0.92	0.92

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-16389/4
 Matrix: Air Lab File ID: gfgd004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/11/2011 12:16
 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.: 16389 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	ND		18	18
75-27-4	Bromodichloromethane	163.83	ND		1.3	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.91
108-10-1	methyl isobutyl ketone	100.16	ND		2.0	2.0
108-88-3	Toluene	92.14	ND		0.75	0.75
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.91	0.91
79-00-5	1,1,2-Trichloroethane	133.41	ND		1.1	1.1
127-18-4	Tetrachloroethene	165.83	ND		1.4	1.4
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	2.0
124-48-1	Dibromochloromethane	208.29	ND		1.7	1.7
106-93-4	1,2-Dibromoethane	187.87	ND		1.5	1.5
108-90-7	Chlorobenzene	112.30	ND		0.92	0.92
100-41-4	Ethylbenzene	106.17	ND		0.87	0.87
179601-23-1	m,p-Xylene	106.17	ND		2.2	2.2
95-47-6	Xylene, o-	106.17	ND		0.87	0.87
1330-20-7	Xylene (total)	106.17	ND		0.87	0.87
100-42-5	Styrene	104.15	ND		0.85	0.85
75-25-2	Bromoform	252.75	ND		2.1	2.1
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		1.4	1.4
622-96-8	4-Ethyltoluene	120.20	ND		0.98	0.98
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.98	0.98
95-49-8	2-Chlorotoluene	126.59	ND		1.0	1.0
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.98	0.98
541-73-1	1,3-Dichlorobenzene	147.00	ND		1.2	1.2
106-46-7	1,4-Dichlorobenzene	147.00	ND		1.2	1.2
95-50-1	1,2-Dichlorobenzene	147.00	ND		1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		3.7	3.7
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	2.1

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgdto15.b/gfgd004.d
 Lab Smp Id: mb Client Smp ID: mb
 Inj Date : 11-APR-2011 12:16
 Operator : wrd Inst ID: G.i
 Smp Info : mb
 Misc Info : 200,1,mb
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgdGRN.b/to15v5.m
 Meth Date : 11-Apr-2011 12:44 klp Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 3 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

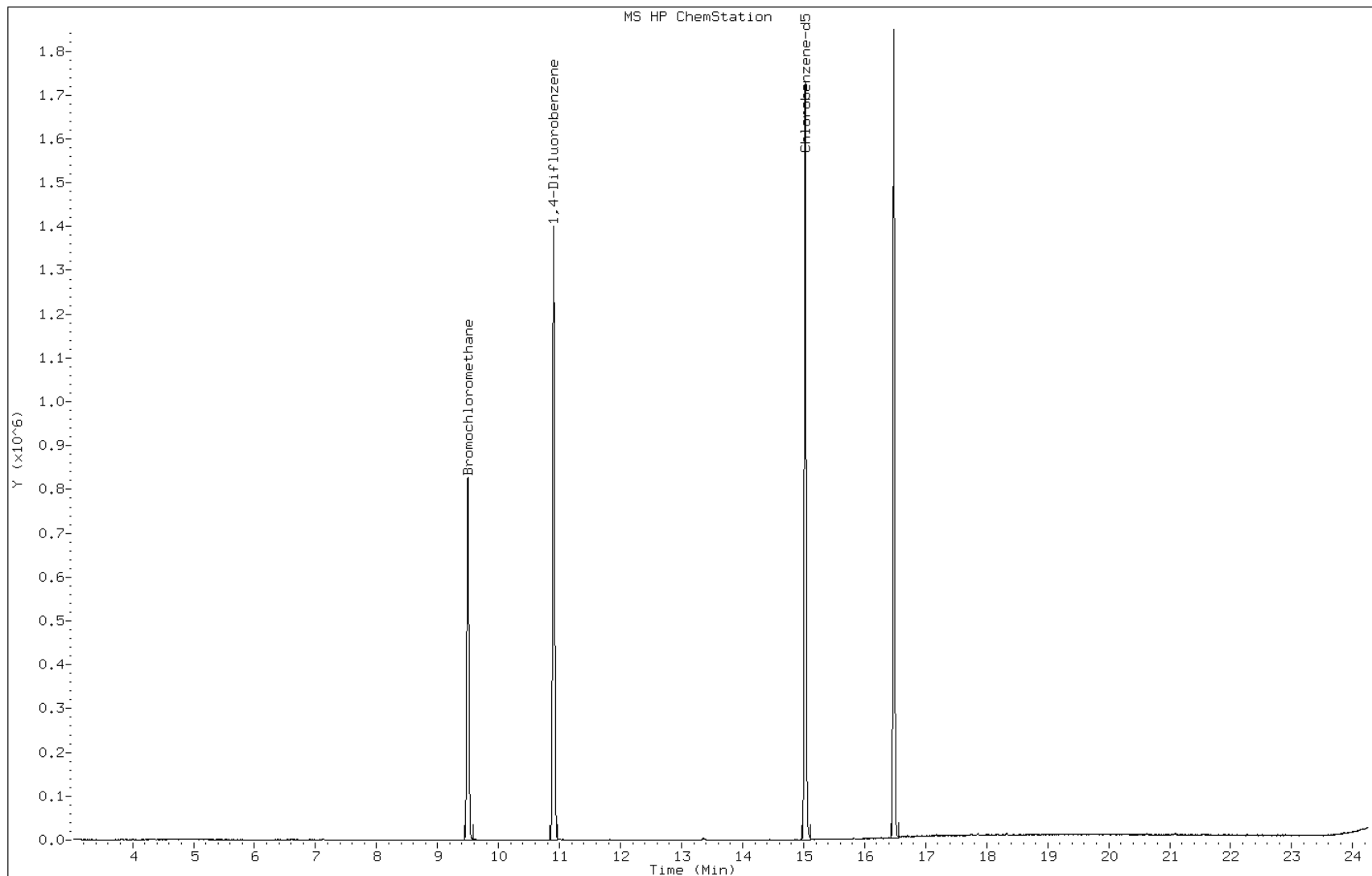
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41						
2 Dichlorodifluoromethane	85						
3 Chlorodifluoromethane	51						
4 1,2-Dichloro-1,1,2,2-tetraflu	85						
5 Chloromethane	50						
6 Butane	43						
7 Vinyl chloride	62						
8 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
11 2-Methylbutane	43						
12 Vinyl bromide	106						
13 Trichlorofluoromethane	101						
14 Pentane	43						

Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(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							Compound Not Detected.		
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		9.499	9.510	(1.000)		334523	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		10.901	10.912	(1.000)		1594345	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	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
	MASS								(ppb v/v)	(ppb v/v)
62 2-Hexanone	43									
63 Dibromochloromethane	129									
64 1,2-Dibromoethane	107									
* 65 Chlorobenzene-d5	117		15.025	15.031	(1.000)		1346077		10.0000	
66 Chlorobenzene	112									
67 n-Nonane	57									
68 Ethylbenzene	91									
69 Xylene (m,p)	106									
M 70 Xylenes, Total	106									
71 Xylene (o)	106									
72 Styrene	104									
73 Bromoform	173									
74 Isopropylbenzene	105									
75 1,1,2,2-Tetrachloroethane	83									
76 n-Propylbenzene	91									
77 1,2,3-Trichloropropane	75									
78 n-Decane	57									
79 4-Ethyltoluene	105									
80 2-Chlorotoluene	91									
81 1,3,5-Trimethylbenzene	105									
82 Alpha Methyl Styrene	118									
83 tert-butylbenzene	119									
84 1,2,4-Trimethylbenzene	105									
85 sec-Butylbenzene	105									
86 4-Isopropyltoluene	119									
87 1,3-Dichlorobenzene	146									
88 1,4-Dichlorobenzene	146									
89 Benzyl chloride	91									
90 Undecane	57									
91 n-Butylbenzene	91									
92 1,2-Dichlorobenzene	146									
93 Dodecane	57									
94 1,2,4-Trichlorobenzene	180									
95 1,3-Hexachlorobutadiene	225									
96 Naphthalene	128									
97 1,2,3-Trichlorobenzene	180									
199 1,1-Difluoroethane TIC	51									
200 Chlorotrifluoroethene TIC	116									
201 Pentafluoroethyl Chloride	85									
202 2,2-Dichloro-1,1,1-trifluoroethane	83									
203 Acetic Acid Methyl Ester	43									
204 Methylcyclohexane TIC	55									
205 1,2-Dibromo-3-chloropropane	75									

Data File: gfgd004.d
Client ID: mb
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: mb
Lab Sample ID: mb

Date: 11-APR-2011 12:16
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.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-16379/3
 Matrix: Air Lab File ID: gfgc003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/08/2011 15:20
 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.: 16379 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	11.5		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	11.3		0.20	0.20
74-87-3	Chloromethane	50.49	10.9		0.50	0.50
75-01-4	Vinyl chloride	62.50	11.0		0.20	0.20
106-99-0	1,3-Butadiene	54.09	11.3		0.20	0.20
74-83-9	Bromomethane	94.94	9.72		0.20	0.20
75-00-3	Chloroethane	64.52	10.1		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	10.5		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	10.7		0.20	0.20
76-13-1	Freon TF	187.38	11.2		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	11.3		0.20	0.20
67-64-1	Acetone	58.08	11.4		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	9.67		5.0	5.0
75-15-0	Carbon disulfide	76.14	9.23		0.50	0.50
107-05-1	3-Chloropropene	76.53	9.86		0.50	0.50
75-09-2	Methylene Chloride	84.93	11.0		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	10.0		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	11.3		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	10.6		0.20	0.20
110-54-3	n-Hexane	86.17	10.4		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	10.5		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	10.7		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	10.6		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	21.1		0.20	0.20
67-66-3	Chloroform	119.38	10.7		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	10.1		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	10.3		0.20	0.20
110-82-7	Cyclohexane	84.16	10.1		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	10.3		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	10.1		0.20	0.20
71-43-2	Benzene	78.11	9.81		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	10.5		0.20	0.20
142-82-5	n-Heptane	100.21	9.71		0.20	0.20
79-01-6	Trichloroethene	131.39	9.96		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	9.80		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-16379/3
 Matrix: Air Lab File ID: gfgc003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/08/2011 15:20
 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.: 16379 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	7.94		5.0	5.0
75-27-4	Bromodichloromethane	163.83	10.8		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	9.98		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	9.97		0.50	0.50
108-88-3	Toluene	92.14	9.81		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	10.0		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	9.58		0.20	0.20
127-18-4	Tetrachloroethene	165.83	9.91		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.85		0.50	0.50
124-48-1	Dibromochloromethane	208.29	11.0		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	10.0		0.20	0.20
108-90-7	Chlorobenzene	112.30	9.71		0.20	0.20
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.20
179601-23-1	m,p-Xylene	106.17	20.0		0.50	0.50
95-47-6	Xylene, o-	106.17	9.95		0.20	0.20
1330-20-7	Xylene (total)	106.17	29.9		0.20	0.20
100-42-5	Styrene	104.15	10.8		0.20	0.20
75-25-2	Bromoform	252.75	11.4		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.0		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	11.1		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	10.6		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	10.7		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	10.6		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	10.4		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	10.6		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	10.3		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	9.57		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	11.0		0.20	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgcto15.b/gfgc003.d
 Lab Smp Id: lcs 129403 Client Smp ID: lcs 129403
 Inj Date : 08-APR-2011 15:20
 Operator : wrd Inst ID: G.i
 Smp Info : lcs 129403
 Misc Info : 200,1,lcs
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgcto15.b/to15v5.m
 Meth Date : 08-Apr-2011 14:53 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 2 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41		3.101	3.096	(0.326)	68560	10.6998	11
2 Dichlorodifluoromethane	85		3.154	3.155	(0.332)	533276	11.4587	11
3 Chlorodifluoromethane	51		3.192	3.187	(0.336)	213046	11.3354	11
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.374	3.374	(0.355)	452059	11.3441	11
5 Chloromethane	50		3.502	3.497	(0.368)	88810	10.9412	11
6 Butane	43		3.673	3.673	(0.386)	128290	10.5891	11
7 Vinyl chloride	62		3.711	3.711	(0.390)	122533	10.9584	11
8 1,3-Butadiene	54		3.780	3.775	(0.398)	81637	11.2538	11
9 Bromomethane	94		4.438	4.438	(0.467)	247636	9.71759	9.7
10 Chloroethane	64		4.663	4.658	(0.490)	87306	10.1123	10
11 2-Methylbutane	43		4.738	4.738	(0.498)	150812	10.1048	10
12 Vinyl bromide	106		5.048	5.048	(0.531)	294410	10.4624	10
13 Trichlorofluoromethane	101		5.145	5.145	(0.541)	900967	10.7242	11
14 Pentane	43		5.273	5.273	(0.554)	248199	9.74478	9.7

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	=====	=====	=====	=====	=====	=====	=====	=====
15 Ethanol	45		5.583	5.583	(0.587)	79952	13.8786	14
16 Ethyl ether	59		5.733	5.728	(0.603)	116119	10.2750	10
17 1,1,2-Trichloro-1,2,2-trifluo	101		6.124	6.124	(0.644)	672695	11.1604	11
18 Acrolein	56		6.081	6.081	(0.639)	46492	8.58929	8.6
19 1,1-Dichloroethene	96		6.193	6.193	(0.651)	298125	11.3470	11
20 Acetone	43		6.348	6.348	(0.668)	267159	11.4233	11
21 Carbon disulfide	76		6.600	6.600	(0.694)	748468	9.22524	9.2
22 Isopropanol	45		6.557	6.557	(0.689)	152662	9.67472	9.7
23 Allyl chloride	41		6.878	6.873	(0.723)	177231	9.86267	9.9
24 Acetonitrile	41		6.947	6.947	(0.731)	93610	10.4021	10
25 Methylene chloride	49		7.124	7.124	(0.749)	226991	11.0333	11
26 Tert-butyl alcohol	59		7.242	7.242	(0.761)	291814	10.0075	10
27 Methyl tert-butyl ether	73		7.472	7.472	(0.786)	650042	11.2920	11
28 1,2-Dichloroethene (trans)	61		7.520	7.520	(0.791)	341700	10.5587	11
29 Acrylonitrile	53		7.605	7.605	(0.800)	108259	10.5301	11
30 n-Hexane	57		7.846	7.846	(0.825)	284178	10.4284	10
31 1,1-Dichloroethane	63		8.253	8.253	(0.868)	419051	10.5444	11
32 Vinyl acetate	43		8.269	8.269	(0.869)	357043	11.1201	11
M 33 1,2-Dichloroethene,Total	61					646490	21.1355	21
34 1,2-Dichloroethene (cis)	96		9.146	9.141	(0.962)	304789	10.5768	11
35 Ethyl acetate	88		9.162	9.168	(0.963)	17016	11.5821	12
36 Methyl Ethyl Ketone	72		9.146	9.146	(0.962)	91590	10.7312	11
* 37 Bromochloromethane	128		9.510	9.510	(1.000)	314558	10.0000	
38 Tetrahydrofuran	42		9.521	9.521	(0.873)	137824	10.0546	10
39 Chloroform	83		9.585	9.585	(1.008)	657409	10.7049	11
40 Cyclohexane	84		9.842	9.842	(0.902)	341283	10.0718	10
41 1,1,1-Trichloroethane	97		9.836	9.836	(0.901)	757308	10.3011	10
42 Carbon tetrachloride	117		10.040	10.040	(0.920)	889586	10.2732	10
43 2,2,4-Trimethylpentane	57		10.328	10.328	(0.947)	893610	10.0637	10
44 Benzene	78		10.366	10.366	(0.950)	724124	9.80790	9.8
45 1,2-Dichloroethane	62		10.468	10.468	(0.959)	390830	10.4880	10
46 n-Heptane	43		10.580	10.580	(0.970)	267861	9.71464	9.7
* 47 1,4-Difluorobenzene	114		10.912	10.912	(1.000)	1428946	10.0000	
48 n-Butanol	56		11.099	11.099	(1.017)	53737	6.83611	6.8(R)
49 Trichloroethene	95		11.270	11.270	(1.033)	425269	9.96174	10
50 1,2-Dichloropropane	63		11.644	11.645	(1.067)	230236	9.80464	9.8
51 Methyl methacrylate	69		11.698	11.698	(1.072)	198412	10.7117	11
52 Dibromomethane	174		11.826	11.826	(1.084)	386288	10.1112	10
53 1,4-Dioxane	88		11.778	11.778	(1.079)	81850	7.93827	7.9
54 Bromodichloromethane	83		12.003	12.003	(1.100)	724725	10.8250	11
55 1,3-Dichloropropene (cis)	75		12.634	12.634	(1.158)	426546	9.98419	10
56 Methyl isobutyl ketone	43		12.795	12.795	(1.173)	275861	9.96857	10
57 n-Octane	43		13.062	13.057	(1.197)	344384	9.90397	9.9
58 Toluene	92		13.062	13.068	(0.869)	532900	9.80609	9.8
59 1,3-Dichloropropene (trans)	75		13.431	13.431	(1.231)	444247	10.0100	10
60 1,1,2-Trichloroethane	83		13.699	13.699	(0.911)	288586	9.58263	9.6
61 Tetrachloroethene	166		13.832	13.833	(0.920)	566436	9.91136	9.9

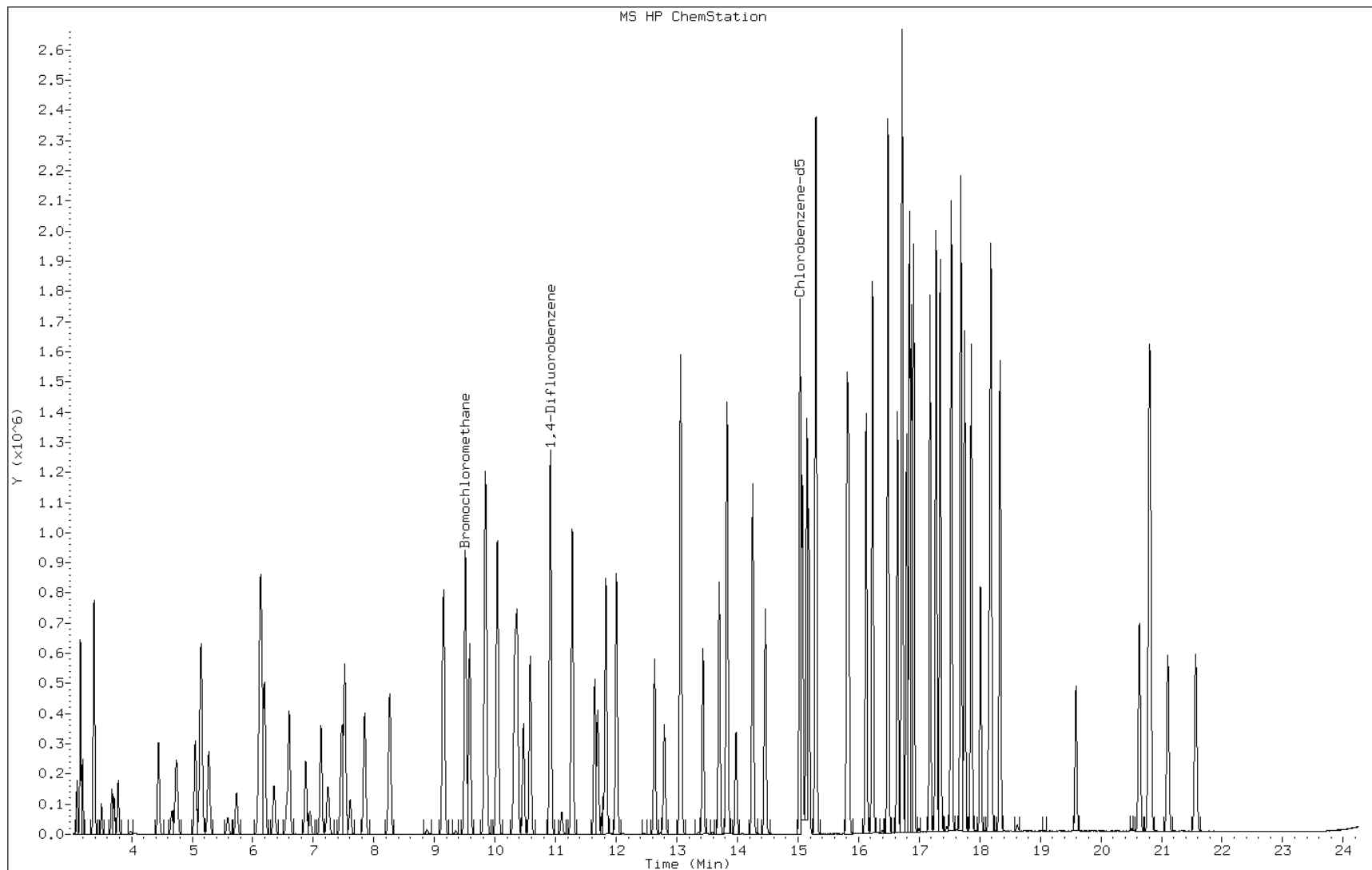
Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====		==	=====	=====	=====	=====	=====
62 2-Hexanone	43		13.977	13.972	(0.930)	255946	9.84544	9.8
63 Dibromochloromethane	129		14.255	14.255	(0.948)	839840	11.0327	11
64 1,2-Dibromoethane	107		14.458	14.458	(0.962)	622699	10.0327	10
* 65 Chlorobenzene-d5	117		15.031	15.031	(1.000)	1328121	10.0000	
66 Chlorobenzene	112		15.068	15.074	(1.002)	841062	9.70664	9.7
67 n-Nonane	57		15.181	15.181	(1.010)	392980	10.3566	10
68 Ethylbenzene	91		15.143	15.143	(1.007)	1222612	10.2293	10
69 Xylene (m,p)	106		15.298	15.298	(1.018)	948020	19.9849	20
M 70 Xylenes, Total	106					1443777	29.9342	30
71 Xylene (o)	106		15.812	15.812	(1.052)	495756	9.94933	9.9
72 Styrene	104		15.839	15.839	(1.054)	704108	10.8367	11
73 Bromoform	173		16.122	16.122	(1.073)	754705	11.4284	11
74 Isopropylbenzene	105		16.229	16.229	(1.080)	1507078	10.4180	10
75 1,1,2,2-Tetrachloroethane	83		16.641	16.641	(1.107)	747642	10.0288	10
76 n-Propylbenzene	91		16.711	16.716	(1.112)	1655624	10.8726	11
77 1,2,3-Trichloropropane	75		16.721	16.727	(1.112)	532501	10.9940	11
78 n-Decane	57		16.791	16.796	(1.117)	500122	11.3723	11
79 4-Ethyltoluene	105		16.839	16.844	(1.120)	1528011	11.1298	11
80 2-Chlorotoluene	91		16.876	16.876	(1.123)	1385530	10.7122	11
81 1,3,5-Trimethylbenzene	105		16.909	16.909	(1.125)	1257850	10.6099	11
82 Alpha Methyl Styrene	118		17.176	17.176	(1.143)	650343	12.2031	12
83 tert-butylbenzene	119		17.278	17.278	(1.149)	1263623	10.5673	11
84 1,2,4-Trimethylbenzene	105		17.347	17.347	(1.154)	1252750	10.5917	11
85 sec-Butylbenzene	105		17.534	17.535	(1.167)	1836708	10.6462	11
86 4-Isopropyltoluene	119		17.684	17.690	(1.177)	1584480	11.2006	11
87 1,3-Dichlorobenzene	146		17.748	17.749	(1.181)	856280	10.4333	10
88 1,4-Dichlorobenzene	146		17.861	17.861	(1.188)	834667	10.6387	11
89 Benzyl chloride	91		18.011	18.016	(1.198)	722244	8.96947	9.0
90 Undecane	57		18.160	18.160	(1.208)	296665	8.84210	8.8
91 n-Butylbenzene	91		18.182	18.187	(1.210)	1267968	11.9649	12
92 1,2-Dichlorobenzene	146		18.332	18.337	(1.220)	858748	10.2627	10
93 Dodecane	57		19.589	19.589	(1.303)	216862	9.62778	9.6
94 1,2,4-Trichlorobenzene	180		20.637	20.637	(1.373)	356638	9.57441	9.6
95 1,3-Hexachlorobutadiene	225		20.803	20.809	(1.384)	479382	10.9783	11
96 Naphthalene	128		21.103	21.108	(1.404)	831637	9.33720	9.3
97 1,2,3-Trichlorobenzene	180		21.563	21.568	(1.435)	333793	9.93127	9.9

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: gfgc003.d
Client ID: lcs 129403
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 129403
Lab Sample ID: lcs 129403

Date: 08-APR-2011 15:20
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.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-16389/3
 Matrix: Air Lab File ID: gfgd003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/11/2011 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.: 16389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
75-71-8	Dichlorodifluoromethane	120.91	10.5		0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	10.4		0.20	0.20
74-87-3	Chloromethane	50.49	10.2		0.50	0.50
75-01-4	Vinyl chloride	62.50	10.3		0.20	0.20
106-99-0	1,3-Butadiene	54.09	10.6		0.20	0.20
74-83-9	Bromomethane	94.94	9.65		0.20	0.20
75-00-3	Chloroethane	64.52	9.91		0.50	0.50
593-60-2	Bromoethene (Vinyl Bromide)	106.96	10.2		0.20	0.20
75-69-4	Trichlorofluoromethane	137.37	10.3		0.20	0.20
76-13-1	Freon TF	187.38	11.0		0.20	0.20
75-35-4	1,1-Dichloroethene	96.94	11.0		0.20	0.20
67-64-1	Acetone	58.08	10.3		5.0	5.0
67-63-0	Isopropyl alcohol	60.10	9.10		5.0	5.0
75-15-0	Carbon disulfide	76.14	9.13		0.50	0.50
107-05-1	3-Chloropropene	76.53	9.31		0.50	0.50
75-09-2	Methylene Chloride	84.93	10.5		0.50	0.50
75-65-0	tert-Butyl alcohol	74.12	9.74		5.0	5.0
1634-04-4	Methyl tert-butyl ether	88.15	9.93		0.20	0.20
156-60-5	trans-1,2-Dichloroethene	96.94	10.2		0.20	0.20
110-54-3	n-Hexane	86.17	10.0		0.20	0.20
75-34-3	1,1-Dichloroethane	98.96	10.1		0.20	0.20
78-93-3	Methyl Ethyl Ketone	72.11	9.51		0.50	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	10.3		0.20	0.20
540-59-0	1,2-Dichloroethene, Total	96.94	20.5		0.20	0.20
67-66-3	Chloroform	119.38	10.1		0.20	0.20
109-99-9	Tetrahydrofuran	72.11	9.37		5.0	5.0
71-55-6	1,1,1-Trichloroethane	133.41	10.3		0.20	0.20
110-82-7	Cyclohexane	84.16	10.2		0.20	0.20
56-23-5	Carbon tetrachloride	153.81	10.2		0.20	0.20
540-84-1	2,2,4-Trimethylpentane	114.23	10.0		0.20	0.20
71-43-2	Benzene	78.11	9.73		0.20	0.20
107-06-2	1,2-Dichloroethane	98.96	10.2		0.20	0.20
142-82-5	n-Heptane	100.21	9.74		0.20	0.20
79-01-6	Trichloroethene	131.39	10.1		0.20	0.20
78-87-5	1,2-Dichloropropane	112.99	9.61		0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 480-3345-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-16389/3
 Matrix: Air Lab File ID: gfgd003.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 04/11/2011 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.: 16389 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	RL
123-91-1	1,4-Dioxane	88.11	8.34		5.0	5.0
75-27-4	Bromodichloromethane	163.83	10.6		0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	9.73		0.20	0.20
108-10-1	methyl isobutyl ketone	100.16	9.96		0.50	0.50
108-88-3	Toluene	92.14	9.61		0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	110.97	9.87		0.20	0.20
79-00-5	1,1,2-Trichloroethane	133.41	9.39		0.20	0.20
127-18-4	Tetrachloroethene	165.83	9.63		0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.1		0.50	0.50
124-48-1	Dibromochloromethane	208.29	10.7		0.20	0.20
106-93-4	1,2-Dibromoethane	187.87	9.90		0.20	0.20
108-90-7	Chlorobenzene	112.30	9.62		0.20	0.20
100-41-4	Ethylbenzene	106.17	9.84		0.20	0.20
179601-23-1	m,p-Xylene	106.17	19.6		0.50	0.50
95-47-6	Xylene, o-	106.17	9.63		0.20	0.20
1330-20-7	Xylene (total)	106.17	29.2		0.20	0.20
100-42-5	Styrene	104.15	10.6		0.20	0.20
75-25-2	Bromoform	252.75	11.1		0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	9.79		0.20	0.20
622-96-8	4-Ethyltoluene	120.20	10.7		0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	10.2		0.20	0.20
95-49-8	2-Chlorotoluene	126.59	10.5		0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	120.20	10.1		0.20	0.20
541-73-1	1,3-Dichlorobenzene	147.00	10.3		0.20	0.20
106-46-7	1,4-Dichlorobenzene	147.00	10.4		0.20	0.20
95-50-1	1,2-Dichlorobenzene	147.00	9.99		0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	181.45	10.9		0.50	0.50
87-68-3	Hexachlorobutadiene	260.76	10.7		0.20	0.20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfgdto15.b/gfgd003.d
 Lab Smp Id: lcs 129435 Client Smp ID: lcs 129435
 Inj Date : 11-APR-2011 11:25
 Operator : wrd Inst ID: G.i
 Smp Info : lcs 129435
 Misc Info : 200,1,lcs
 Comment :
 Method : /chem/G.i/Gsvr.p/gfgdto15.b/to15v5.m
 Meth Date : 12-Apr-2011 15:03 wrd Quant Type: ISTD
 Cal Date : 05-APR-2011 18:15 Cal File: gfg009.d
 Als bottle: 2 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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

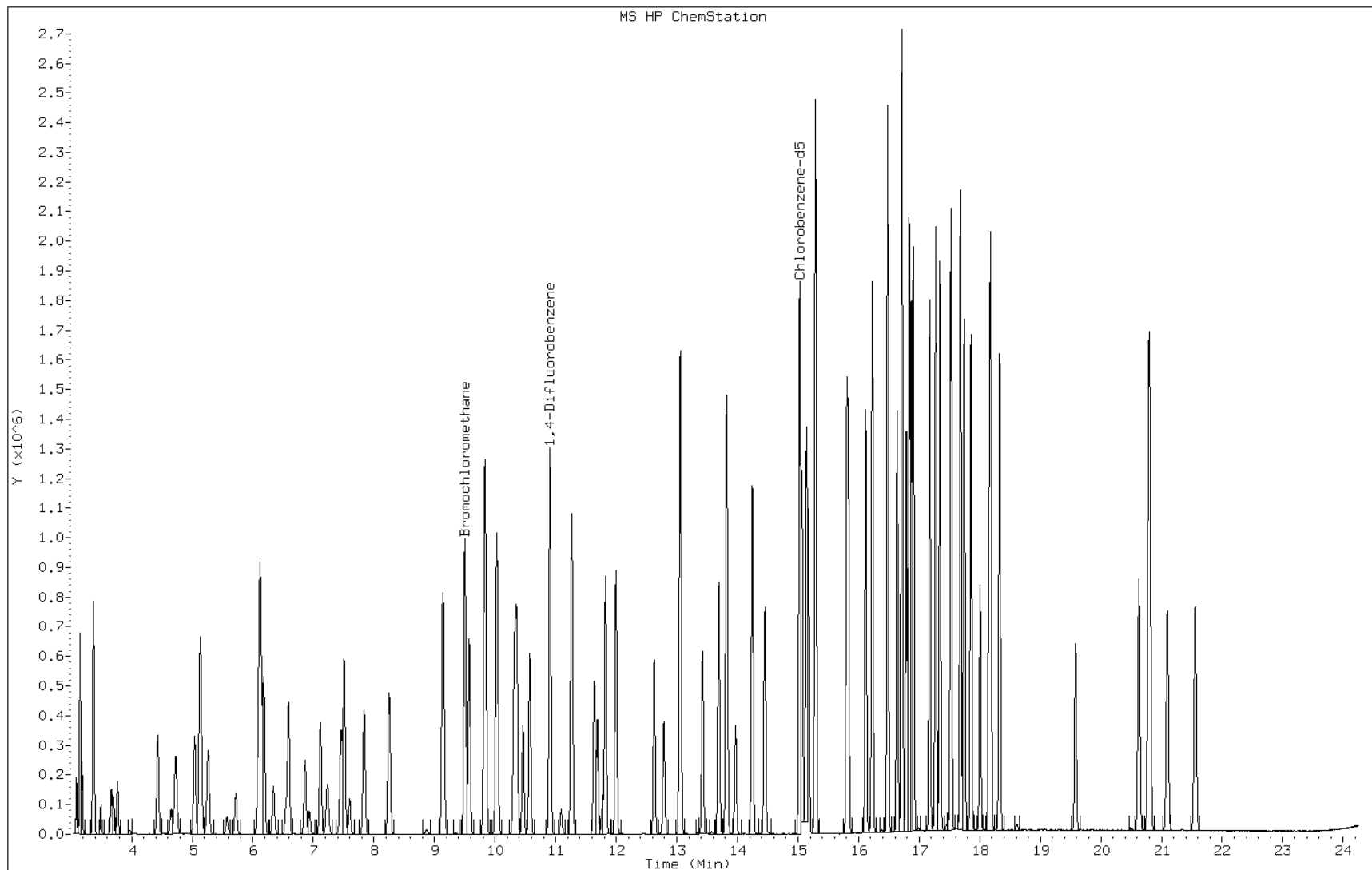
Compounds	QUANT	SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
								ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41		3.090	3.096	(0.325)	70252	9.99334	10	
2 Dichlorodifluoromethane	85		3.149	3.155	(0.332)	534141	10.4614	10	
3 Chlorodifluoromethane	51		3.181	3.187	(0.335)	212246	10.2932	10	
4 1,2-Dichloro-1,1,2,2-tetraflu	85		3.368	3.374	(0.355)	455274	10.4135	10	
5 Chloromethane	50		3.491	3.497	(0.368)	90938	10.2116	10	
6 Butane	43		3.668	3.673	(0.386)	130800	9.84059	9.8	
7 Vinyl chloride	62		3.705	3.711	(0.390)	126920	10.3460	10	
8 1,3-Butadiene	54		3.770	3.775	(0.397)	84035	10.5590	11	
9 Bromomethane	94		4.433	4.438	(0.467)	269901	9.65376	9.7	
10 Chloroethane	64		4.652	4.658	(0.490)	93896	9.91287	9.9	
11 2-Methylbutane	43		4.727	4.738	(0.498)	161092	9.83810	9.8	
12 Vinyl bromide	106		5.038	5.048	(0.530)	316418	10.2491	10	
13 Trichlorofluoromethane	101		5.134	5.145	(0.540)	949879	10.3056	10	
14 Pentane	43		5.268	5.273	(0.555)	261816	9.36946	9.4	

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
15 Ethanol	45	5.573	5.583	(0.587)	82016	12.9766	13
16 Ethyl ether	59	5.722	5.728	(0.602)	113560	9.15910	9.2
17 1,1,2-Trichloro-1,2,2-trifluo	101	6.118	6.124	(0.644)	724740	10.9595	11
18 Acrolein	56	6.070	6.081	(0.639)	45741	7.70252	7.7
19 1,1-Dichloroethene	96	6.182	6.193	(0.651)	317206	11.0045	11
20 Acetone	43	6.343	6.348	(0.668)	264342	10.3023	10
21 Carbon disulfide	76	6.589	6.600	(0.694)	812744	9.13074	9.1
22 Isopropanol	45	6.546	6.557	(0.689)	157496	9.09752	9.1
23 Allyl chloride	41	6.867	6.873	(0.723)	183610	9.31317	9.3
24 Acetonitrile	41	6.937	6.947	(0.730)	94259	9.54697	9.5
25 Methylene chloride	49	7.113	7.124	(0.749)	236341	10.4708	10
26 Tert-butyl alcohol	59	7.236	7.242	(0.762)	311730	9.74421	9.7
27 Methyl tert-butyl ether	73	7.461	7.472	(0.785)	627148	9.93000	9.9
28 1,2-Dichloroethene (trans)	61	7.514	7.520	(0.791)	361817	10.1906	10
29 Acrylonitrile	53	7.600	7.605	(0.800)	110823	9.82529	9.8
30 n-Hexane	57	7.841	7.846	(0.825)	299085	10.0039	10
31 1,1-Dichloroethane	63	8.242	8.253	(0.868)	438267	10.0518	10
32 Vinyl acetate	43	8.263	8.269	(0.870)	347961	9.87797	9.9
M 33 1,2-Dichloroethene,Total	61				688457	20.5223	21
34 1,2-Dichloroethene (cis)	96	9.135	9.141	(0.962)	326640	10.3317	10
35 Ethyl acetate	88	9.151	9.168	(0.963)	16434	10.1956	10
36 Methyl Ethyl Ketone	72	9.135	9.146	(0.962)	89050	9.50997	9.5
* 37 Bromochloromethane	128	9.499	9.510	(1.000)	345107	10.0000	
38 Tetrahydrofuran	42	9.515	9.521	(0.872)	133559	9.37386	9.4
39 Chloroform	83	9.574	9.585	(1.008)	682244	10.1259	10
40 Cyclohexane	84	9.842	9.842	(0.902)	358993	10.1926	10
41 1,1,1-Trichloroethane	97	9.826	9.836	(0.901)	785023	10.2731	10
42 Carbon tetrachloride	117	10.029	10.040	(0.920)	919375	10.2145	10
43 2,2,4-Trimethylpentane	57	10.318	10.328	(0.946)	924792	10.0198	10
44 Benzene	78	10.355	10.366	(0.949)	746696	9.72999	9.7
45 1,2-Dichloroethane	62	10.462	10.468	(0.959)	394333	10.1806	10
46 n-Heptane	43	10.575	10.580	(0.970)	279075	9.73742	9.7
* 47 1,4-Difluorobenzene	114	10.906	10.912	(1.000)	1485285	10.0000	
48 n-Butanol	56	11.093	11.099	(1.017)	58942	7.21382	7.2
49 Trichloroethene	95	11.265	11.270	(1.033)	447195	10.0780	10
50 1,2-Dichloropropane	63	11.639	11.645	(1.067)	234536	9.60891	9.6
51 Methyl methacrylate	69	11.693	11.698	(1.072)	189462	9.84053	9.8
52 Dibromomethane	174	11.821	11.826	(1.084)	394005	9.92198	9.9
53 1,4-Dioxane	88	11.768	11.778	(1.079)	89356	8.33745	8.3
54 Bromodichloromethane	83	11.992	12.003	(1.100)	740578	10.6422	11
55 1,3-Dichloropropene (cis)	75	12.629	12.634	(1.158)	431929	9.72670	9.7
56 Methyl isobutyl ketone	43	12.789	12.795	(1.173)	286550	9.96204	10
57 n-Octane	43	13.051	13.057	(1.197)	355008	9.82224	9.8
58 Toluene	92	13.057	13.068	(0.869)	546691	9.61336	9.6
59 1,3-Dichloropropene (trans)	75	13.421	13.431	(1.231)	455389	9.87182	9.9
60 1,1,2-Trichloroethane	83	13.693	13.699	(0.911)	295938	9.39061	9.4
61 Tetrachloroethene	166	13.827	13.833	(0.920)	575911	9.62987	9.6

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
=====	====	==	=====	=====	=====	=====	=====	=====
62 2-Hexanone	43		13.966	13.972	(0.930)	275274	10.1189	10
63 Dibromochloromethane	129		14.244	14.255	(0.948)	852731	10.7049	11
64 1,2-Dibromoethane	107		14.453	14.458	(0.962)	643011	9.90014	9.9
* 65 Chlorobenzene-d5	117		15.025	15.031	(1.000)	1389807	10.0000	
66 Chlorobenzene	112		15.063	15.074	(1.002)	872460	9.62210	9.6
67 n-Nonane	57		15.170	15.181	(1.010)	407070	10.2518	10
68 Ethylbenzene	91		15.138	15.143	(1.007)	1231155	9.84358	9.8
69 Xylene (m,p)	106		15.288	15.298	(1.017)	971982	19.5806	20
M 70 Xylenes, Total	106					1474252	29.2132	29
71 Xylene (o)	106		15.807	15.812	(1.052)	502270	9.63265	9.6
72 Styrene	104		15.833	15.839	(1.054)	723391	10.6394	11
73 Bromoform	173		16.117	16.122	(1.073)	766950	11.0984	11
74 Isopropylbenzene	105		16.224	16.229	(1.080)	1521409	10.0503	10
75 1,1,2,2-Tetrachloroethane	83		16.636	16.641	(1.107)	763800	9.79076	9.8
76 n-Propylbenzene	91		16.711	16.716	(1.112)	1675747	10.5164	11
77 1,2,3-Trichloropropane	75		16.716	16.727	(1.113)	542278	10.6989	11
78 n-Decane	57		16.786	16.796	(1.117)	510554	11.0943	11
79 4-Ethyltoluene	105		16.834	16.844	(1.120)	1533130	10.6714	11
80 2-Chlorotoluene	91		16.871	16.876	(1.123)	1415727	10.4599	10
81 1,3,5-Trimethylbenzene	105		16.903	16.909	(1.125)	1262046	10.1728	10
82 Alpha Methyl Styrene	118		17.171	17.176	(1.143)	660728	11.8477	12
83 tert-butylbenzene	119		17.272	17.278	(1.150)	1271142	10.1584	10
84 1,2,4-Trimethylbenzene	105		17.342	17.347	(1.154)	1253949	10.1313	10
85 sec-Butylbenzene	105		17.529	17.535	(1.167)	1848723	10.2403	10
86 4-Isopropyltoluene	119		17.679	17.690	(1.177)	1571437	10.6154	11
87 1,3-Dichlorobenzene	146		17.743	17.749	(1.181)	881744	10.2667	10
88 1,4-Dichlorobenzene	146		17.855	17.861	(1.188)	857598	10.4459	10
89 Benzyl chloride	91		18.005	18.016	(1.198)	741095	8.79508	8.8
90 Undecane	57		18.155	18.160	(1.208)	361459	10.2951	10
91 n-Butylbenzene	91		18.176	18.187	(1.210)	1283604	11.5748	12
92 1,2-Dichlorobenzene	146		18.326	18.337	(1.220)	874910	9.99178	10
93 Dodecane	57		19.583	19.589	(1.303)	288855	12.2548	12
94 1,2,4-Trichlorobenzene	180		20.627	20.637	(1.373)	426162	10.9331	11
95 1,3-Hexachlorobutadiene	225		20.798	20.809	(1.384)	487726	10.6737	11
96 Naphthalene	128		21.097	21.108	(1.404)	1044756	11.2094	11
97 1,2,3-Trichlorobenzene	180		21.552	21.568	(1.434)	425368	12.0942	12

Data File: gfgd003.d
Client ID: lcs 129435
Operator: wrd
Column Type: Capillary
Stationary Phase: RTX-624
Sample Info: lcs 129435
Lab Sample ID: lcs 129435

Date: 11-APR-2011 11:25
Instrument: G.i
Inj Vol: 200.0
Diameter: 0.32



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-3345-1

SDG No.: _____

Instrument ID: G.i Start Date: 04/05/2011 11:18

Analysis Batch Number: 16240 End Date: 04/06/2011 09:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-16240/1		04/05/2011 11:18	1	gfg001.d	RTX-624 0.32 (mm)
VIBLK 200-16240/2		04/05/2011 12:15	1		RTX-624 0.32 (mm)
IC 200-16240/3		04/05/2011 13:06	1	gfg003.d	RTX-624 0.32 (mm)
IC 200-16240/4		04/05/2011 13:57	1	gfg004.d	RTX-624 0.32 (mm)
IC 200-16240/5		04/05/2011 14:48	1	gfg005.d	RTX-624 0.32 (mm)
ICIS 200-16240/6		04/05/2011 15:39	1	gfg006.d	RTX-624 0.32 (mm)
IC 200-16240/7		04/05/2011 16:31	1	gfg007.d	RTX-624 0.32 (mm)
IC 200-16240/8		04/05/2011 17:23	1	gfg008.d	RTX-624 0.32 (mm)
IC 200-16240/9		04/05/2011 18:15	1	gfg009.d	RTX-624 0.32 (mm)
VIBLK 200-16240/10		04/05/2011 19:07	1		RTX-624 0.32 (mm)
ICV 200-16240/11		04/05/2011 20:00	1	gfg011.d	RTX-624 0.32 (mm)
VIBLK 200-16240/12		04/05/2011 20:51	1		RTX-624 0.32 (mm)
ZZZZZ		04/05/2011 21:44	1		RTX-624 0.32 (mm)
ZZZZZ		04/05/2011 22:36	1		RTX-624 0.32 (mm)
ZZZZZ		04/05/2011 23:29	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 00:21	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 01:14	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 02:06	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 02:59	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 03:51	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 04:44	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 05:38	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 06:31	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 07:25	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 08:18	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/06/2011 09:11	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-3345-1

SDG No.: _____

Instrument ID: G.i Start Date: 04/08/2011 13:36

Analysis Batch Number: 16379 End Date: 04/09/2011 10:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-16379/1		04/08/2011 13:36	1	gfgc001.d	RTX-624 0.32 (mm)
CCVIS 200-16379/2		04/08/2011 14:28	1	gfgc002.d	RTX-624 0.32 (mm)
LCS 200-16379/3		04/08/2011 15:20	1	gfgc003.d	RTX-624 0.32 (mm)
MB 200-16379/4		04/08/2011 16:11	1	gfgc004.d	RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 17:02	10		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 17:52	10		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 18:43	10		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 19:34	10		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 20:25	1		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 21:16	1		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 22:07	1		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 22:57	1		RTX-624 0.32 (mm)
ZZZZZ		04/08/2011 23:48	1		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 00:39	1		RTX-624 0.32 (mm)
480-3345-3	AS Effluent	04/09/2011 01:30	1	gfgc015.d	RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 02:21	40.2		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 03:12	1.6		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 04:03	10		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 04:54	10		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 05:45	10		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 06:36	10		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 07:27	10		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 08:18	10		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 09:11	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/09/2011 10:04	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 480-3345-1

SDG No.: _____

Instrument ID: G.i Start Date: 04/11/2011 09:40

Analysis Batch Number: 16389 End Date: 04/12/2011 07:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-16389/1		04/11/2011 09:40	1	gfgd001.d	RTX-624 0.32 (mm)
CCVIS 200-16389/2		04/11/2011 10:33	1	gfgd002.d	RTX-624 0.32 (mm)
LCS 200-16389/3		04/11/2011 11:25	1	gfgd003.d	RTX-624 0.32 (mm)
MB 200-16389/4		04/11/2011 12:16	1	gfgd004.d	RTX-624 0.32 (mm)
480-3345-4	LRP Effluent	04/11/2011 13:08	158	gfgd005.d	RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 13:59	10		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 14:50	53.5		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 15:42	25.3		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 16:33	24.7		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 17:25	1		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 18:17	1		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 19:08	450		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 20:00	17100		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 20:52	7200		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 21:44	2620		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 22:35	171		RTX-624 0.32 (mm)
ZZZZZ		04/11/2011 23:27	171		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 00:20	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 01:12	10		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 02:04	1		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 02:56	1		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 03:48	1		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 04:40	1		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 05:32	1		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 06:25	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/12/2011 07:16	20		RTX-624 0.32 (mm)

Client: AECOM, Inc.

TestAmerica Job ID: 480-3345-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
480-3345-4	1	-1.1	0.96	0.96	37.2	3.53	3.53	3.67	3.67	04/08/11 12:23	Daigle, Paul A
480-3345-4	1	0	1.00	1.00	33.6	3.29	3.29	3.29	12.07	04/08/11 12:24	Daigle, Paul A
480-3345-4	1	0	1.00	1.00	33.3	3.27	3.27	3.27	39.48	04/11/11 12:25	Desjardins, William R

Formulae:

- Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
- Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
- Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

- 29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
- 14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Subcontract Data

Shipping and Receiving Documents

3345

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 Phone 802-660-1900 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information Company: <u>AE Corp</u> Address: <u>100 Corporate Park Dr. S. 3rd</u> City/State/Zip: <u>Amherst, NY 14226</u> Phone: <u>76-836-4506</u> FAX: Project Name: <u>ScotH Acoustic</u> 3-23-11 Site: <u>ScotH Acoustic</u> PO #			Project Manager: <u>Dino Zuck</u> Phone: <u>76-836-4506</u> Email: <u>dino.zuck@ae.com</u> Site Contact: <u>Dino Zuck</u> TA Contact: <u>A. Fischer</u> Analysis Turnaround Time Standard (Specify) <u>STD</u> Rush (Specify)			Samples Collected By: <u>D-2</u> of <u>1</u> COCs															
Sample Identification <u>AS Effluent</u> <u>LRP Effluent</u>			Sample Date(s) <u>4/4/11</u> <u>4/4/11</u>	Time Start <u>0730</u> <u>0730</u>	Time Stop <u>0740</u> <u>0730</u>	Canister Vacuum in Field, "Hg (Start) <u>29.4</u> <u>29.4</u>	Canister Vacuum in Field, "Hg (Stop) <u>NA</u> <u>NA</u>	Flow Controller ID <u>NA</u> <u>NA</u>	Canister ID <u>3225</u> <u>4554</u>	TO-15 <input checked="" type="checkbox"/>	TO-14A <input type="checkbox"/>	EPA 30 <input type="checkbox"/>	EPA 250 <input type="checkbox"/>	ASTM D-1945 <input type="checkbox"/>	Other (Please specify in notes section)	Sample Type <input type="checkbox"/>	Indoor Air <input type="checkbox"/>	Ambient Air <input type="checkbox"/>	Soil Gas <input type="checkbox"/>	Landfill Gas <input type="checkbox"/>	Other (Please specify in notes section)
Special Instructions/QC Requirements & Comments:																					
Samples Shipped by: <u>Dino Zuck</u> Samples Relinquished by: <u>Michael Szymanski</u> Relinquished by: <u>Michael Szymanski</u>										Date/Time: <u>4/4/11 0745hrs</u> Date/Time: <u>4/4/11 1715</u> Date/Time: <u>4/4/11 1715</u> Sample Received by: <u>Dino Zuck</u> Received by: <u>Michael Szymanski</u> Received by: <u>Michael Szymanski</u>											
Lab Use Only							Shipper Name:							Condition:							

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-3345-1

Login Number: 3345
List Number: 1
Creator: Wienke, Robert

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
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	True	
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.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AE com
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-3345-1

Login Number: 3345
List Number: 1
Creator: Matot, Wade M

List Source: TestAmerica Burlington
List Creation: 04/06/11 03:32 PM

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.	True	789829, 830
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.	N/A	
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	Check done at department level as required.

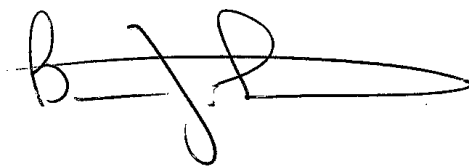
ANALYTICAL REPORT

Job Number: 480-3471-1

Job Description: Scott Aviation site - Groundwater

Sampling Event: Groundwater analysis

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226
Attention: Mr. Dino Zack



Approved for release.
Brian Fischer
Project Manager II
4/19/2011 2:22 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
04/19/2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant 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. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

TestAmerica Laboratories, Inc.

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Tel (716) 691-2600 Fax (716) 691-7991 www.testamericainc.com



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Job Narrative
480-3471-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: MW-15S (480-3471-10), MW-4 (480-3471-15), MW-8R (480-3471-17). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: Duplicate (480-3471-1), MW-13S (480-3471-6), MW-15D (480-3471-9), MW-16S (480-3471-12). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample submitted for volatiles analysis was received without HCL preservation (pH >2): MW-15S (480-3471-10). Analyzed within 7 days hold-time.

Method(s) 8260B: Several analytes were detected in the following samples at a concentration above the linear range of the initial calibration curve: Duplicate (480-3471-1), MW-13S (480-3471-6) and MW-16S (480-3471-12). Due to the high dilution dictated by other target compounds, these analyte were diluted out in the re-analysis of the sample. Therefore, the value being reported is from the original analysis and is qualified with an E flag.

Method(s) 8260B: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 11387: Methyl Acetate. This compound is not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported.

Method(s) 8260B: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 11454: Methyl Acetate. This compound is not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973C Analysis Batch Number: 9035Lab Sample ID: STD 480-9035/2 IC Client Sample ID: _____Date Analyzed: 03/21/11 16:50 Lab File ID: C9217.D GC Column: ZB-624 (30) ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromo-3-Chloropropane	15.19	Assign Peak	HillL	03/22/11 08:24

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973N Analysis Batch Number: 8779Lab Sample ID: STD 480-8779/2 IC Client Sample ID: _____Date Analyzed: 03/18/11 13:00 Lab File ID: N5527.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	1.95	Split Peak	HillL	03/18/11 15:53
Acetone	2.12	Wrong peak	HillL	03/18/11 15:53
Acetonitrile	2.35	Baseline	HillL	03/21/11 12:23
Methyl acetate	2.37	Wrong peak	HillL	03/18/11 15:53
tert-Butylbenzene	9.48	Baseline	HillL	03/21/11 12:23

Lab Sample ID: STD 480-8779/3 IC Client Sample ID: _____Date Analyzed: 03/18/11 13:23 Lab File ID: N5528.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	2.09	Split Peak	HillL	03/18/11 15:54

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973N Analysis Batch Number: 11387Lab Sample ID: 480-3471-1 Client Sample ID: DuplicateDate Analyzed: 04/09/11 16:46 Lab File ID: N6138.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	3.54	Split Peak	diasn	04/10/11 10:45
Trichloroethene	4.88	Split Peak	diasn	04/10/11 10:45

Lab Sample ID: 480-3471-6 Client Sample ID: MW-13SDate Analyzed: 04/09/11 18:42 Lab File ID: N6143.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	2.19	Split Peak	diasn	04/10/11 11:08
cis-1,2-Dichloroethene	3.55	Missed Peak	diasn	04/10/11 11:08
Trichloroethene	4.93	Split Peak	diasn	04/10/11 11:08

Lab Sample ID: 480-3471-12 Client Sample ID: MW-16SDate Analyzed: 04/09/11 21:00 Lab File ID: N6149.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	3.57	Split Peak	diasn	04/10/11 14:28
Trichloroethene	4.95	Missed Peak	diasn	04/10/11 14:28

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-3471-1FD	Duplicate	Water	04/06/2011 1250	04/07/2011 1610
480-3471-2	MW-10	Ground Water	04/04/2011 1510	04/07/2011 1610
480-3471-3	MW-11	Ground Water	04/05/2011 0955	04/07/2011 1610
480-3471-4	MW-12	Ground Water	04/04/2011 1325	04/07/2011 1610
480-3471-5	MW-13D	Ground Water	04/06/2011 1010	04/07/2011 1610
480-3471-6	MW-13S	Ground Water	04/06/2011 1105	04/07/2011 1610
480-3471-7	MW-14D	Ground Water	04/05/2011 1230	04/07/2011 1610
480-3471-8	MW-14S	Ground Water	04/05/2011 1120	04/07/2011 1610
480-3471-9	MW-15D	Ground Water	04/05/2011 1535	04/07/2011 1610
480-3471-10	MW-15S	Ground Water	04/07/2011 0845	04/07/2011 1610
480-3471-11	MW-16D	Ground Water	04/07/2011 1100	04/07/2011 1610
480-3471-12	MW-16S	Ground Water	04/07/2011 0955	04/07/2011 1610
480-3471-13	MW-2	Ground Water	04/04/2011 1115	04/07/2011 1610
480-3471-14	MW-3	Ground Water	04/04/2011 1225	04/07/2011 1610
480-3471-15	MW-4	Ground Water	04/06/2011 1200	04/07/2011 1610
480-3471-16	MW-6	Ground Water	04/04/2011 1420	04/07/2011 1610
480-3471-17	MW-8R	Ground Water	04/06/2011 1440	04/07/2011 1610
480-3471-18	MW-9	Ground Water	04/04/2011 1555	04/07/2011 1610
480-3471-19RB	Rinse Blank	Water	04/06/2011 1515	04/07/2011 1610

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
480-3471-1FD	DUPLICATE				
1,1,1-Trichloroethane		35	1.0	ug/L	8260B
1,1,2,2-Tetrachloroethane		4.5	1.0	ug/L	8260B
1,1,2-Trichloroethane		4.3	1.0	ug/L	8260B
1,1-Dichloroethane		640	500	ug/L	8260B
1,1-Dichloroethene		270 J	500	ug/L	8260B
1,2-Dichloroethane		23	1.0	ug/L	8260B
Benzene		4.1	1.0	ug/L	8260B
Chloroethane		28	1.0	ug/L	8260B
Chloroform		2.1	1.0	ug/L	8260B
cis-1,2-Dichloroethene		37000	500	ug/L	8260B
Methylene Chloride		2.9	1.0	ug/L	8260B
Tetrachloroethene		0.88 J	1.0	ug/L	8260B
Toluene		7.3	1.0	ug/L	8260B
trans-1,2-Dichloroethene		120 E	1.0	ug/L	8260B
Trichloroethene		12000	500	ug/L	8260B
Vinyl chloride		3700	500	ug/L	8260B
480-3471-3	MW-11				
1,1,1-Trichloroethane		4.6	1.0	ug/L	8260B
1,1-Dichloroethane		12	1.0	ug/L	8260B
1,1-Dichloroethene		2.4	1.0	ug/L	8260B
Chloroethane		20	1.0	ug/L	8260B
cis-1,2-Dichloroethene		64	1.0	ug/L	8260B
Trichloroethene		1.2	1.0	ug/L	8260B
Vinyl chloride		14	1.0	ug/L	8260B
480-3471-4	MW-12				
1,2-Dichloroethane		0.55 J	1.0	ug/L	8260B
Benzene		0.73 J	1.0	ug/L	8260B
Chloroethane		22	1.0	ug/L	8260B
Vinyl chloride		1.1	1.0	ug/L	8260B
480-3471-5	MW-13D				
cis-1,2-Dichloroethene		23	1.0	ug/L	8260B
Trichloroethene		22	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
480-3471-6	MW-13S				
1,1,1-Trichloroethane		1.6	1.0	ug/L	8260B
1,1-Dichloroethane		100 E	1.0	ug/L	8260B
1,1-Dichloroethene		170 E	1.0	ug/L	8260B
Carbon disulfide		2.7	1.0	ug/L	8260B
Chloroethane		4.7	1.0	ug/L	8260B
cis-1,2-Dichloroethene		23000	800	ug/L	8260B
Methylene Chloride		0.77 J	1.0	ug/L	8260B
Toluene		6.0	1.0	ug/L	8260B
Trichloroethene		40000	800	ug/L	8260B
480-3471-7	MW-14D				
cis-1,2-Dichloroethene		5.6	1.0	ug/L	8260B
Trichloroethene		0.97 J	1.0	ug/L	8260B
Vinyl chloride		2.6	1.0	ug/L	8260B
480-3471-8	MW-14S				
1,1-Dichloroethane		1.9	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.1	1.0	ug/L	8260B
480-3471-9	MW-15D				
1,1-Dichloroethane		13	8.0	ug/L	8260B
Chloroethane		400	8.0	ug/L	8260B
cis-1,2-Dichloroethene		38	8.0	ug/L	8260B
Vinyl chloride		26	8.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
480-3471-10	MW-15S				
1,1-Dichloroethane		850	20	ug/L	8260B
1,1-Dichloroethene		19	1.0	ug/L	8260B
1,2-Dichloroethane		1.3	1.0	ug/L	8260B
2-Hexanone		12	5.0	ug/L	8260B
2-Butanone (MEK)		310	10	ug/L	8260B
4-Methyl-2-pentanone (MIBK)		27	5.0	ug/L	8260B
Acetone		1700	200	ug/L	8260B
Benzene		2.7	1.0	ug/L	8260B
Chloroethane		330	20	ug/L	8260B
cis-1,2-Dichloroethene		1300	20	ug/L	8260B
Ethylbenzene		6.4	1.0	ug/L	8260B
Methylene Chloride		2.9	1.0	ug/L	8260B
Tetrachloroethene		0.73 J	1.0	ug/L	8260B
Toluene		140	20	ug/L	8260B
trans-1,2-Dichloroethene		5.5	1.0	ug/L	8260B
Trichloroethene		200	20	ug/L	8260B
Vinyl chloride		450	20	ug/L	8260B
Xylenes, Total		34	2.0	ug/L	8260B
480-3471-11	MW-16D				
1,1,1-Trichloroethane		1.2	1.0	ug/L	8260B
1,1,2,2-Tetrachloroethane		2.1	1.0	ug/L	8260B
1,1,2-Trichloroethane		0.89 J	1.0	ug/L	8260B
1,1-Dichloroethane		27	1.0	ug/L	8260B
1,2-Dichloroethane		2.0	1.0	ug/L	8260B
Carbon disulfide		1.1	1.0	ug/L	8260B
Chloroethane		59	1.0	ug/L	8260B
cis-1,2-Dichloroethene		59	1.0	ug/L	8260B
Methylene Chloride		1.6	1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.8	1.0	ug/L	8260B
Trichloroethene		22	1.0	ug/L	8260B
Vinyl chloride		33	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Sample ID	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
480-3471-12	MW-16S					
1,1,1-Trichloroethane		5600		4000	ug/L	8260B
1,1,2,2-Tetrachloroethane		7.7		1.0	ug/L	8260B
1,1,2-Trichloroethane		27		1.0	ug/L	8260B
1,1-Dichloroethane		1200	E	1.0	ug/L	8260B
1,1-Dichloroethene		2500	E	1.0	ug/L	8260B
1,2-Dichloroethane		8.5		1.0	ug/L	8260B
Benzene		1.2		1.0	ug/L	8260B
Carbon disulfide		11		1.0	ug/L	8260B
Chloroethane		890	E	1.0	ug/L	8260B
Chloroform		8.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		74000		4000	ug/L	8260B
Ethylbenzene		2.6		1.0	ug/L	8260B
Methylene Chloride		1.0		1.0	ug/L	8260B
Tetrachloroethene		49		1.0	ug/L	8260B
Toluene		460	E	1.0	ug/L	8260B
trans-1,2-Dichloroethene		320	E	1.0	ug/L	8260B
Trichloroethene		250000		4000	ug/L	8260B
Vinyl chloride		7100		4000	ug/L	8260B
Xylenes, Total		9.2		2.0	ug/L	8260B
480-3471-13	MW-2					
Benzene		0.76	J	1.0	ug/L	8260B
Chloroethane		5.4		1.0	ug/L	8260B
480-3471-14	MW-3					
1,1-Dichloroethane		11		1.0	ug/L	8260B
Chloroethane		4.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.1		1.0	ug/L	8260B
Vinyl chloride		19		1.0	ug/L	8260B
480-3471-15	MW-4					
1,1,1-Trichloroethane		45		40	ug/L	8260B
1,1-Dichloroethane		700		40	ug/L	8260B
1,1-Dichloroethene		300		40	ug/L	8260B
cis-1,2-Dichloroethene		39000		800	ug/L	8260B
trans-1,2-Dichloroethene		130		40	ug/L	8260B
Trichloroethene		13000		800	ug/L	8260B
Vinyl chloride		3500		40	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
480-3471-17	MW-8R				
1,1-Dichloroethane		470 J	800	ug/L	8260B
cis-1,2-Dichloroethene		49000	800	ug/L	8260B
Trichloroethene		89000	2000	ug/L	8260B
Vinyl chloride		2500	800	ug/L	8260B
480-3471-18	MW-9				
1,1-Dichloroethane		78	1.0	ug/L	8260B
1,2-Dichloroethane		2.3	1.0	ug/L	8260B
Chloroethane		17	1.0	ug/L	8260B
cis-1,2-Dichloroethene		21	1.0	ug/L	8260B
Vinyl chloride		34	1.0	ug/L	8260B

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-3471-1

Description	Lab Location	Method	Preparation Method
Matrix Ground Water			
Volatile Organic Compounds (GC/MS)	TAL BUF	SW846 8260B	
Purge and Trap	TAL BUF		SW846 5030B
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL BUF	SW846 8260B	
Purge and Trap	TAL BUF		SW846 5030B

Lab References:

TAL BUF = TestAmerica Buffalo

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AECOM, Inc.

Job Number: 480-3471-1

Method	Analyst	Analyst ID
SW846 8260B	Dias, Nicole	ND
SW846 8260B	Hill, Leah	LH

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: Duplicate

Lab Sample ID: 480-3471-1FD

Date Sampled: 04/06/2011 1250

Client Matrix: Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6138.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1646			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1646				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	35		0.82	1.0
1,1,2,2-Tetrachloroethane	4.5		0.21	1.0
1,1,2-Trichloroethane	4.3		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	520	E	0.38	1.0
1,1-Dichloroethene	240	E	0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	23		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	4.1		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	28		0.32	1.0
Chloroform	2.1		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	5100	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	2.9		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	0.88	J	0.36	1.0
Toluene	7.3		0.51	1.0
trans-1,2-Dichloroethene	120	E	0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	3500	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: Duplicate

Lab Sample ID: 480-3471-1FD

Date Sampled: 04/06/2011 1250

Client Matrix: Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6138.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1646			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1646				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2500	E	0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: Duplicate

Lab Sample ID: 480-3471-1FD

Date Sampled: 04/06/2011 1250

Client Matrix: Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9843.D
Dilution:	500			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1541	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1541				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		410	500
1,1,2,2-Tetrachloroethane	ND		110	500
1,1,2-Trichloroethane	ND		120	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		160	500
1,1-Dichloroethane	640		190	500
1,1-Dichloroethene	270	J	150	500
1,2,4-Trichlorobenzene	ND		210	500
1,2-Dibromo-3-Chloropropane	ND		200	500
1,2-Dibromoethane	ND		370	500
1,2-Dichlorobenzene	ND		400	500
1,2-Dichloroethane	ND		110	500
1,2-Dichloropropane	ND		360	500
1,3-Dichlorobenzene	ND		390	500
1,4-Dichlorobenzene	ND		420	500
2-Hexanone	ND		620	2500
2-Butanone (MEK)	ND		660	5000
4-Methyl-2-pentanone (MIBK)	ND		1100	2500
Acetone	ND		1500	5000
Benzene	ND		210	500
Bromodichloromethane	ND		200	500
Bromoform	ND		130	500
Bromomethane	ND		350	500
Carbon disulfide	ND		95	500
Carbon tetrachloride	ND		140	500
Chlorobenzene	ND		380	500
Dibromochloromethane	ND		160	500
Chloroethane	ND		160	500
Chloroform	ND		170	500
Chloromethane	ND		180	500
cis-1,2-Dichloroethene	37000		410	500
cis-1,3-Dichloropropene	ND		180	500
Cyclohexane	ND		90	500
Dichlorodifluoromethane	ND		340	500
Ethylbenzene	ND		370	500
Isopropylbenzene	ND		400	500
Methyl acetate	ND		250	500
Methyl tert-butyl ether	ND		80	500
Methylcyclohexane	ND		80	500
Methylene Chloride	ND		220	500
Styrene	ND		370	500
Tetrachloroethene	ND		180	500
Toluene	ND		260	500
trans-1,2-Dichloroethene	ND		450	500
trans-1,3-Dichloropropene	ND		190	500
Trichloroethene	12000		230	500
Trichlorofluoromethane	ND		440	500

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: Duplicate

Lab Sample ID: 480-3471-1FD

Date Sampled: 04/06/2011 1250

Client Matrix: Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9843.D
Dilution:	500			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1541	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1541				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3700		450	500
Xylenes, Total	ND		330	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	93		71 - 126
4-Bromofluorobenzene (Surr)	83		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-10

Lab Sample ID: 480-3471-2

Date Sampled: 04/04/2011 1510

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6171.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 1834			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-10

Lab Sample ID: 480-3471-2

Date Sampled: 04/04/2011 1510

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6171.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 1834			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-11

Lab Sample ID: 480-3471-3

Date Sampled: 04/05/2011 0955

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6172.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 1856			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 1856				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	4.6		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	12		0.38	1.0
1,1-Dichloroethene	2.4		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	20		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	64		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	1.2		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-11

Lab Sample ID: 480-3471-3

Date Sampled: 04/05/2011 0955

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6172.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 1856			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 1856				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	14		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-12

Lab Sample ID: 480-3471-4

Date Sampled: 04/04/2011 1325

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6141.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1755			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	0.55	J	0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	0.73	J	0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	22		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-12

Lab Sample ID: 480-3471-4

Date Sampled: 04/04/2011 1325

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6141.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1755			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	1.1		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-13D

Lab Sample ID: 480-3471-5

Date Sampled: 04/06/2011 1010

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6142.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1818			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1818				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	23		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	22		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-13D

Lab Sample ID: 480-3471-5

Date Sampled: 04/06/2011 1010

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6142.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1818			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1818				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-13S

Lab Sample ID: 480-3471-6

Date Sampled: 04/06/2011 1105

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6143.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1842			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1842				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.6		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	100	E	0.38	1.0
1,1-Dichloroethene	170	E	0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	2.7		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	4.7		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	4500	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	0.77	J	0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	6.0		0.51	1.0
trans-1,2-Dichloroethene	140	E	0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	5700	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-13S

Lab Sample ID: 480-3471-6

Date Sampled: 04/06/2011 1105

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6143.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1842			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1842				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	400	E	0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-13S

Lab Sample ID: 480-3471-6

Date Sampled: 04/06/2011 1105

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9844.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1607	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1607				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	ND		300	800
1,1-Dichloroethene	ND		230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	23000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	40000		370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-13S

Lab Sample ID: 480-3471-6

Date Sampled: 04/06/2011 1105

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9844.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1607	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1607				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	85		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-14D

Lab Sample ID: 480-3471-7

Date Sampled: 04/05/2011 1230

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6174.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 1942			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 1942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	5.6		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	0.97	J	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-14D

Lab Sample ID: 480-3471-7

Date Sampled: 04/05/2011 1230

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6174.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 1942			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 1942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2.6		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-14S

Lab Sample ID: 480-3471-8

Date Sampled: 04/05/2011 1120

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6175.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2006			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2006				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	1.9		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	1.1		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-14S

Lab Sample ID: 480-3471-8

Date Sampled: 04/05/2011 1120

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6175.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2006			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2006				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-15D

Lab Sample ID: 480-3471-9

Date Sampled: 04/05/2011 1535

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9845.D
Dilution:	8.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1632			Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1632				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		6.6	8.0
1,1,2,2-Tetrachloroethane	ND		1.7	8.0
1,1,2-Trichloroethane	ND		1.8	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	8.0
1,1-Dichloroethane	13		3.0	8.0
1,1-Dichloroethene	ND		2.3	8.0
1,2,4-Trichlorobenzene	ND		3.3	8.0
1,2-Dibromo-3-Chloropropane	ND		3.1	8.0
1,2-Dibromoethane	ND		5.8	8.0
1,2-Dichlorobenzene	ND		6.3	8.0
1,2-Dichloroethane	ND		1.7	8.0
1,2-Dichloropropane	ND		5.8	8.0
1,3-Dichlorobenzene	ND		6.2	8.0
1,4-Dichlorobenzene	ND		6.7	8.0
2-Hexanone	ND		9.9	40
2-Butanone (MEK)	ND		11	80
4-Methyl-2-pentanone (MIBK)	ND		17	40
Acetone	ND		24	80
Benzene	ND		3.3	8.0
Bromodichloromethane	ND		3.1	8.0
Bromoform	ND		2.1	8.0
Bromomethane	ND		5.5	8.0
Carbon disulfide	ND		1.5	8.0
Carbon tetrachloride	ND		2.2	8.0
Chlorobenzene	ND		6.0	8.0
Dibromochloromethane	ND		2.6	8.0
Chloroethane	400		2.6	8.0
Chloroform	ND		2.7	8.0
Chloromethane	ND		2.8	8.0
cis-1,2-Dichloroethene	38		6.5	8.0
cis-1,3-Dichloropropene	ND		2.9	8.0
Cyclohexane	ND		1.4	8.0
Dichlorodifluoromethane	ND		5.4	8.0
Ethylbenzene	ND		5.9	8.0
Isopropylbenzene	ND		6.3	8.0
Methyl acetate	ND		4.0	8.0
Methyl tert-butyl ether	ND		1.3	8.0
Methylcyclohexane	ND		1.3	8.0
Methylene Chloride	ND		3.5	8.0
Styrene	ND		5.8	8.0
Tetrachloroethene	ND		2.9	8.0
Toluene	ND		4.1	8.0
trans-1,2-Dichloroethene	ND		7.2	8.0
trans-1,3-Dichloropropene	ND		3.0	8.0
Trichloroethene	ND		3.7	8.0
Trichlorofluoromethane	ND		7.0	8.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-15D

Lab Sample ID: 480-3471-9

Date Sampled: 04/05/2011 1535

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9845.D
Dilution:	8.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1632			Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1632				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	26		7.2	8.0
Xylenes, Total	ND		5.3	16

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	89		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-15S

Lab Sample ID: 480-3471-10

Date Sampled: 04/07/2011 0845

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6147.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 2014			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 2014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	670	E	0.38	1.0
1,1-Dichloroethene	19		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	1.3		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	12		1.2	5.0
2-Butanone (MEK)	310		1.3	10
4-Methyl-2-pentanone (MIBK)	27		2.1	5.0
Acetone	1600	E	3.0	10
Benzene	2.7		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	280	E	0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	960	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	6.4		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	2.9		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	0.73	J	0.36	1.0
Toluene	120	E	0.51	1.0
trans-1,2-Dichloroethene	5.5		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	180	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-15S

Lab Sample ID: 480-3471-10

Date Sampled: 04/07/2011 0845

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6147.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 2014			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 2014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	370	E	0.90	1.0
Xylenes, Total	34		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-15S

Lab Sample ID: 480-3471-10

Date Sampled: 04/07/2011 0845

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6177.D
Dilution:	20			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2052	Run Type:	DL	Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2052				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		16	20
1,1,2,2-Tetrachloroethane	ND		4.2	20
1,1,2-Trichloroethane	ND		4.6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	20
1,1-Dichloroethane	850		7.6	20
1,1-Dichloroethene	20		5.8	20
1,2,4-Trichlorobenzene	ND		8.2	20
1,2-Dibromo-3-Chloropropane	ND		7.8	20
1,2-Dibromoethane	ND		15	20
1,2-Dichlorobenzene	ND		16	20
1,2-Dichloroethane	ND		4.2	20
1,2-Dichloropropane	ND		14	20
1,3-Dichlorobenzene	ND		16	20
1,4-Dichlorobenzene	ND		17	20
2-Hexanone	ND		25	100
2-Butanone (MEK)	290		26	200
4-Methyl-2-pentanone (MIBK)	ND		42	100
Acetone	1700		60	200
Benzene	ND		8.2	20
Bromodichloromethane	ND		7.8	20
Bromoform	ND		5.2	20
Bromomethane	ND		14	20
Carbon disulfide	ND		3.8	20
Carbon tetrachloride	ND		5.4	20
Chlorobenzene	ND		15	20
Dibromochloromethane	ND		6.4	20
Chloroethane	330		6.4	20
Chloroform	ND		6.8	20
Chloromethane	ND		7.0	20
cis-1,2-Dichloroethene	1300		16	20
cis-1,3-Dichloropropene	ND		7.2	20
Cyclohexane	ND		3.6	20
Dichlorodifluoromethane	ND		14	20
Ethylbenzene	ND		15	20
Isopropylbenzene	ND		16	20
Methyl acetate	ND		10	20
Methyl tert-butyl ether	ND		3.2	20
Methylcyclohexane	ND		3.2	20
Methylene Chloride	ND		8.8	20
Styrene	ND		15	20
Tetrachloroethene	ND		7.2	20
Toluene	140		10	20
trans-1,2-Dichloroethene	ND		18	20
trans-1,3-Dichloropropene	ND		7.4	20
Trichloroethene	200		9.2	20
Trichlorofluoromethane	ND		18	20

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-15S

Lab Sample ID: 480-3471-10

Date Sampled: 04/07/2011 0845

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6177.D
Dilution:	20			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2052	Run Type:	DL	Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2052				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	450		18	20
Xylenes, Total	22	J	13	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-16D

Lab Sample ID: 480-3471-11

Date Sampled: 04/07/2011 1100

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6178.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2115			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.2		0.82	1.0
1,1,2,2-Tetrachloroethane	2.1		0.21	1.0
1,1,2-Trichloroethane	0.89	J	0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	27		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	2.0		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	1.1		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	59		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	59		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	1.6		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	3.8		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	22		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-16D

Lab Sample ID: 480-3471-11

Date Sampled: 04/07/2011 1100

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6178.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2115			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	33		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-16S

Lab Sample ID: 480-3471-12

Date Sampled: 04/07/2011 0955

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6149.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 2100			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 2100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1900	E	0.82	1.0
1,1,2,2-Tetrachloroethane	7.7		0.21	1.0
1,1,2-Trichloroethane	27		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	1200	E	0.38	1.0
1,1-Dichloroethene	2500	E	0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	8.5		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	1.2		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	11		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	890	E	0.32	1.0
Chloroform	8.2		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	8400	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	2.6		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	1.0		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	49		0.36	1.0
Toluene	460	E	0.51	1.0
trans-1,2-Dichloroethene	320	E	0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	14000	E	0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-16S

Lab Sample ID: 480-3471-12

Date Sampled: 04/07/2011 0955

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6149.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 2100			Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 2100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	4200	E	0.90	1.0
Xylenes, Total	9.2		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	129		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-16S

Lab Sample ID: 480-3471-12

Date Sampled: 04/07/2011 0955

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9846.D
Dilution:	4000			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1657	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1657				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	5600		3300	4000
1,1,2,2-Tetrachloroethane	ND		840	4000
1,1,2-Trichloroethane	ND		920	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1200	4000
1,1-Dichloroethane	ND		1500	4000
1,1-Dichloroethene	ND		1200	4000
1,2,4-Trichlorobenzene	ND		1600	4000
1,2-Dibromo-3-Chloropropane	ND		1600	4000
1,2-Dibromoethane	ND		2900	4000
1,2-Dichlorobenzene	ND		3200	4000
1,2-Dichloroethane	ND		840	4000
1,2-Dichloropropane	ND		2900	4000
1,3-Dichlorobenzene	ND		3100	4000
1,4-Dichlorobenzene	ND		3400	4000
2-Hexanone	ND		5000	20000
2-Butanone (MEK)	ND		5300	40000
4-Methyl-2-pentanone (MIBK)	ND		8400	20000
Acetone	ND		12000	40000
Benzene	ND		1600	4000
Bromodichloromethane	ND		1600	4000
Bromoform	ND		1000	4000
Bromomethane	ND		2800	4000
Carbon disulfide	ND		760	4000
Carbon tetrachloride	ND		1100	4000
Chlorobenzene	ND		3000	4000
Dibromochloromethane	ND		1300	4000
Chloroethane	ND		1300	4000
Chloroform	ND		1400	4000
Chloromethane	ND		1400	4000
cis-1,2-Dichloroethene	74000		3200	4000
cis-1,3-Dichloropropene	ND		1400	4000
Cyclohexane	ND		720	4000
Dichlorodifluoromethane	ND		2700	4000
Ethylbenzene	ND		3000	4000
Isopropylbenzene	ND		3200	4000
Methyl acetate	ND		2000	4000
Methyl tert-butyl ether	ND		640	4000
Methylcyclohexane	ND		640	4000
Methylene Chloride	ND		1800	4000
Styrene	ND		2900	4000
Tetrachloroethene	ND		1400	4000
Toluene	ND		2000	4000
trans-1,2-Dichloroethene	ND		3600	4000
trans-1,3-Dichloropropene	ND		1500	4000
Trichloroethene	250000		1800	4000
Trichlorofluoromethane	ND		3500	4000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-16S

Lab Sample ID: 480-3471-12

Date Sampled: 04/07/2011 0955

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9846.D
Dilution:	4000			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1657	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1657				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	7100		3600	4000
Xylenes, Total	ND		2600	8000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	86		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-2

Lab Sample ID: 480-3471-13

Date Sampled: 04/04/2011 1115

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6180.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2201			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2201				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	0.76	J	0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	5.4		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-2

Lab Sample ID: 480-3471-13

Date Sampled: 04/04/2011 1115

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6180.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2201			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2201				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	107		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-3

Lab Sample ID: 480-3471-14

Date Sampled: 04/04/2011 1225

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6181.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2224			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2224				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	11		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	4.2		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	3.1		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-3

Lab Sample ID: 480-3471-14

Date Sampled: 04/04/2011 1225

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6181.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2224			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2224				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	19		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-4

Lab Sample ID: 480-3471-15

Date Sampled: 04/06/2011 1200

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6182.D
Dilution:	40			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2248			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	45		33	40
1,1,2,2-Tetrachloroethane	ND		8.4	40
1,1,2-Trichloroethane	ND		9.2	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	40
1,1-Dichloroethane	700		15	40
1,1-Dichloroethene	300		12	40
1,2,4-Trichlorobenzene	ND		16	40
1,2-Dibromo-3-Chloropropane	ND		16	40
1,2-Dibromoethane	ND		29	40
1,2-Dichlorobenzene	ND		32	40
1,2-Dichloroethane	ND		8.4	40
1,2-Dichloropropane	ND		29	40
1,3-Dichlorobenzene	ND		31	40
1,4-Dichlorobenzene	ND		34	40
2-Hexanone	ND		50	200
2-Butanone (MEK)	ND		53	400
4-Methyl-2-pentanone (MIBK)	ND		84	200
Acetone	ND		120	400
Benzene	ND		16	40
Bromodichloromethane	ND		16	40
Bromoform	ND		10	40
Bromomethane	ND		28	40
Carbon disulfide	ND		7.6	40
Carbon tetrachloride	ND		11	40
Chlorobenzene	ND		30	40
Dibromochloromethane	ND		13	40
Chloroethane	ND		13	40
Chloroform	ND		14	40
Chloromethane	ND		14	40
cis-1,2-Dichloroethene	41000	E	32	40
cis-1,3-Dichloropropene	ND		14	40
Cyclohexane	ND		7.2	40
Dichlorodifluoromethane	ND		27	40
Ethylbenzene	ND		30	40
Isopropylbenzene	ND		32	40
Methyl acetate	ND		20	40
Methyl tert-butyl ether	ND		6.4	40
Methylcyclohexane	ND		6.4	40
Methylene Chloride	ND		18	40
Styrene	ND		29	40
Tetrachloroethene	ND		14	40
Toluene	ND		20	40
trans-1,2-Dichloroethene	130		36	40
trans-1,3-Dichloropropene	ND		15	40
Trichloroethene	15000	E	18	40
Trichlorofluoromethane	ND		35	40

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-4

Lab Sample ID: 480-3471-15

Date Sampled: 04/06/2011 1200

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6182.D
Dilution:	40			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2248			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3500		36	40
Xylenes, Total	ND		26	80

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-4

Lab Sample ID: 480-3471-15

Date Sampled: 04/06/2011 1200

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9847.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1722	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1722				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	660	J	300	800
1,1-Dichloroethene	340	J	230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	39000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	13000		370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-4

Lab Sample ID: 480-3471-15

Date Sampled: 04/06/2011 1200

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9847.D
Dilution:	800			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1722	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1722				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3900		720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		66 - 137
Toluene-d8 (Surr)	99		71 - 126
4-Bromofluorobenzene (Surr)	86		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-6

Lab Sample ID: 480-3471-16

Date Sampled: 04/04/2011 1420

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6183.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2315			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2315				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-6

Lab Sample ID: 480-3471-16

Date Sampled: 04/04/2011 1420

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6183.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2315			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2315				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		66 - 137
Toluene-d8 (Surr)	100		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-8R

Lab Sample ID: 480-3471-17

Date Sampled: 04/06/2011 1440

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6184.D
Dilution:	800			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2338			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		660	800
1,1,2,2-Tetrachloroethane	ND		170	800
1,1,2-Trichloroethane	ND		180	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	800
1,1-Dichloroethane	470	J	300	800
1,1-Dichloroethene	ND		230	800
1,2,4-Trichlorobenzene	ND		330	800
1,2-Dibromo-3-Chloropropane	ND		310	800
1,2-Dibromoethane	ND		580	800
1,2-Dichlorobenzene	ND		630	800
1,2-Dichloroethane	ND		170	800
1,2-Dichloropropane	ND		580	800
1,3-Dichlorobenzene	ND		620	800
1,4-Dichlorobenzene	ND		670	800
2-Hexanone	ND		990	4000
2-Butanone (MEK)	ND		1100	8000
4-Methyl-2-pentanone (MIBK)	ND		1700	4000
Acetone	ND		2400	8000
Benzene	ND		330	800
Bromodichloromethane	ND		310	800
Bromoform	ND		210	800
Bromomethane	ND		550	800
Carbon disulfide	ND		150	800
Carbon tetrachloride	ND		220	800
Chlorobenzene	ND		600	800
Dibromochloromethane	ND		260	800
Chloroethane	ND		260	800
Chloroform	ND		270	800
Chloromethane	ND		280	800
cis-1,2-Dichloroethene	49000		650	800
cis-1,3-Dichloropropene	ND		290	800
Cyclohexane	ND		140	800
Dichlorodifluoromethane	ND		540	800
Ethylbenzene	ND		590	800
Isopropylbenzene	ND		630	800
Methyl acetate	ND		400	800
Methyl tert-butyl ether	ND		130	800
Methylcyclohexane	ND		130	800
Methylene Chloride	ND		350	800
Styrene	ND		580	800
Tetrachloroethene	ND		290	800
Toluene	ND		410	800
trans-1,2-Dichloroethene	ND		720	800
trans-1,3-Dichloropropene	ND		300	800
Trichloroethene	91000	E	370	800
Trichlorofluoromethane	ND		700	800

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-8R

Lab Sample ID: 480-3471-17

Date Sampled: 04/06/2011 1440

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6184.D
Dilution:	800			Initial Weight/Volume:	1 uL
Analysis Date:	04/10/2011 2338			Final Weight/Volume:	1 uL
Prep Date:	04/10/2011 2338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2500		720	800
Xylenes, Total	ND		530	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-8R

Lab Sample ID: 480-3471-17

Date Sampled: 04/06/2011 1440

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9848.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1747	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1747				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		1600	2000
1,1,2,2-Tetrachloroethane	ND		420	2000
1,1,2-Trichloroethane	ND		460	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	2000
1,1-Dichloroethane	ND		760	2000
1,1-Dichloroethene	ND		580	2000
1,2,4-Trichlorobenzene	ND		820	2000
1,2-Dibromo-3-Chloropropane	ND		780	2000
1,2-Dibromoethane	ND		1500	2000
1,2-Dichlorobenzene	ND		1600	2000
1,2-Dichloroethane	ND		420	2000
1,2-Dichloropropane	ND		1400	2000
1,3-Dichlorobenzene	ND		1600	2000
1,4-Dichlorobenzene	ND		1700	2000
2-Hexanone	ND		2500	10000
2-Butanone (MEK)	ND		2600	20000
4-Methyl-2-pentanone (MIBK)	ND		4200	10000
Acetone	ND		6000	20000
Benzene	ND		820	2000
Bromodichloromethane	ND		780	2000
Bromoform	ND		520	2000
Bromomethane	ND		1400	2000
Carbon disulfide	ND		380	2000
Carbon tetrachloride	ND		540	2000
Chlorobenzene	ND		1500	2000
Dibromochloromethane	ND		640	2000
Chloroethane	ND		640	2000
Chloroform	ND		680	2000
Chloromethane	ND		700	2000
cis-1,2-Dichloroethene	51000		1600	2000
cis-1,3-Dichloropropene	ND		720	2000
Cyclohexane	ND		360	2000
Dichlorodifluoromethane	ND		1400	2000
Ethylbenzene	ND		1500	2000
Isopropylbenzene	ND		1600	2000
Methyl acetate	ND		1000	2000
Methyl tert-butyl ether	ND		320	2000
Methylcyclohexane	ND		320	2000
Methylene Chloride	ND		880	2000
Styrene	ND		1500	2000
Tetrachloroethene	ND		720	2000
Toluene	ND		1000	2000
trans-1,2-Dichloroethene	ND		1800	2000
trans-1,3-Dichloropropene	ND		740	2000
Trichloroethene	89000		920	2000
Trichlorofluoromethane	ND		1800	2000

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-8R

Lab Sample ID: 480-3471-17

Date Sampled: 04/06/2011 1440

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9848.D
Dilution:	2000			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1747	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1747				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3300		1800	2000
Xylenes, Total	ND		1300	4000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
Toluene-d8 (Surr)	94		71 - 126
4-Bromofluorobenzene (Surr)	82		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-9

Lab Sample ID: 480-3471-18

Date Sampled: 04/04/2011 1555

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6185.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/11/2011 0001			Final Weight/Volume:	1 uL
Prep Date:	04/11/2011 0001				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	78		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	2.3		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	17		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	21		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: MW-9

Lab Sample ID: 480-3471-18

Date Sampled: 04/04/2011 1555

Client Matrix: Ground Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N6185.D
Dilution:	1.0			Initial Weight/Volume:	1 uL
Analysis Date:	04/11/2011 0001			Final Weight/Volume:	1 uL
Prep Date:	04/11/2011 0001				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	34		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	105		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-3471-19RB

Date Sampled: 04/06/2011 1515

Client Matrix: Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9849.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1812			Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-3471-1

Client Sample ID: Rinse Blank

Lab Sample ID: 480-3471-19RB

Date Sampled: 04/06/2011 1515

Client Matrix: Water

Date Received: 04/07/2011 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-11663	Instrument ID:	HP5973C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C9849.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/12/2011 1812			Final Weight/Volume:	5 mL
Prep Date:	04/12/2011 1812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	93		71 - 126
4-Bromofluorobenzene (Surr)	82		73 - 120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-3471-1 DL	Duplicate DL	96	93	83
480-3471-1	Duplicate	123	102	101
480-3471-2	MW-10	120	100	102
480-3471-3	MW-11	122	100	105
480-3471-4	MW-12	116	102	105
480-3471-5	MW-13D	120	103	102
480-3471-6 DL	MW-13S DL	105	97	85
480-3471-6	MW-13S	124	101	104
480-3471-7	MW-14D	122	102	103
480-3471-8	MW-14S	123	100	102
480-3471-9	MW-15D	106	99	89
480-3471-10	MW-15S	123	102	106
480-3471-10 DL	MW-15S DL	124	101	106
480-3471-11	MW-16D	124	100	106
480-3471-12 DL	MW-16S DL	106	97	86
480-3471-12	MW-16S	129	99	103
480-3471-13	MW-2	123	101	107
480-3471-14	MW-3	125	102	106
480-3471-15 DL	MW-4 DL	104	99	86
480-3471-15	MW-4	126	100	103
480-3471-16	MW-6	127	100	103
480-3471-17 DL	MW-8R DL	101	94	82
480-3471-17	MW-8R	124	101	105
480-3471-18	MW-9	122	101	105
480-3471-19	Rinse Blank	102	93	82
MB 480-11387/5		117	102	101
MB 480-11454/5		118	101	106
MB 480-11663/5		102	98	89
LCS 480-11387/4		115	103	105

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Client: AECOM, Inc.

Job Number: 480-3471-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
LCS 480-11454/4		121	100	108
LCS 480-11663/4		102	99	89

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Method Blank - Batch: 480-11387

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-11387/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/09/2011 1303
 Prep Date: 04/09/2011 1303
 Leach Date: N/A

Analysis Batch: 480-11387
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973N
 Lab File ID: N6131.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Method Blank - Batch: 480-11387

**Method: 8260B
Preparation: 5030B**

Lab Sample ID:	MB 480-11387/5	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N6131.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1303	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1303				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	66 - 137
Toluene-d8 (Surr)	102	71 - 126
4-Bromofluorobenzene (Surr)	101	73 - 120

Lab Control Sample - Batch: 480-11387

**Method: 8260B
Preparation: 5030B**

Lab Sample ID:	LCS 480-11387/4	Analysis Batch:	480-11387	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N6130.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/09/2011 1239	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/09/2011 1239				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	20.6	82	71 - 129	
1,1-Dichloroethene	25.0	17.0	68	65 - 138	
1,2-Dichlorobenzene	25.0	23.1	92	77 - 120	
1,2-Dichloroethane	25.0	25.6	102	75 - 127	
Benzene	25.0	20.0	80	71 - 124	
Chlorobenzene	25.0	22.8	91	72 - 120	
cis-1,2-Dichloroethene	25.0	21.3	85	74 - 124	
Ethylbenzene	25.0	22.7	91	77 - 123	
Methyl tert-butyl ether	25.0	20.6	83	64 - 127	
Tetrachloroethene	25.0	23.3	93	74 - 122	
Toluene	25.0	21.1	85	70 - 122	
trans-1,2-Dichloroethene	25.0	20.9	84	73 - 127	
Trichloroethene	25.0	21.6	86	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	66 - 137
Toluene-d8 (Surr)	103	71 - 126
4-Bromofluorobenzene (Surr)	105	73 - 120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Method Blank - Batch: 480-11454

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-11454/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/10/2011 1423
 Prep Date: 04/10/2011 1423
 Leach Date: N/A

Analysis Batch: 480-11454
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973N
 Lab File ID: N6161.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Method Blank - Batch: 480-11454

**Method: 8260B
Preparation: 5030B**

Lab Sample ID:	MB 480-11454/5	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N6161.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/10/2011 1423	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/10/2011 1423				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	66 - 137
Toluene-d8 (Surr)	101	71 - 126
4-Bromofluorobenzene (Surr)	106	73 - 120

Lab Control Sample - Batch: 480-11454

**Method: 8260B
Preparation: 5030B**

Lab Sample ID:	LCS 480-11454/4	Analysis Batch:	480-11454	Instrument ID:	HP5973N
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N6160.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/10/2011 1359	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/10/2011 1359				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	22.2	89	71 - 129	
1,1-Dichloroethene	25.0	18.7	75	65 - 138	
1,2-Dichlorobenzene	25.0	23.6	94	77 - 120	
1,2-Dichloroethane	25.0	27.9	112	75 - 127	
Benzene	25.0	21.6	87	71 - 124	
Chlorobenzene	25.0	23.6	94	72 - 120	
cis-1,2-Dichloroethene	25.0	22.6	90	74 - 124	
Ethylbenzene	25.0	24.2	97	77 - 123	
Methyl tert-butyl ether	25.0	22.8	91	64 - 127	
Tetrachloroethene	25.0	25.0	100	74 - 122	
Toluene	25.0	22.5	90	70 - 122	
trans-1,2-Dichloroethene	25.0	23.2	93	73 - 127	
Trichloroethene	25.0	23.7	95	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	66 - 137
Toluene-d8 (Surr)	100	71 - 126
4-Bromofluorobenzene (Surr)	108	73 - 120

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Method Blank - Batch: 480-11663

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-11663/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/12/2011 1232
 Prep Date: 04/12/2011 1232
 Leach Date: N/A

Analysis Batch: 480-11663
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: HP5973C
 Lab File ID: C9836.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	ND		1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Method Blank - Batch: 480-11663

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 480-11663/5	Analysis Batch: 480-11663	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C9836.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 04/12/2011 1232	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 04/12/2011 1232		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
Trichlorofluoromethane	ND		0.88	1.0
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	66 - 137
Toluene-d8 (Surr)	98	71 - 126
4-Bromofluorobenzene (Surr)	89	73 - 120

Lab Control Sample - Batch: 480-11663

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 480-11663/4	Analysis Batch: 480-11663	Instrument ID: HP5973C
Client Matrix: Water	Prep Batch: N/A	Lab File ID: C9835.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 04/12/2011 1131	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 04/12/2011 1131		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethane	25.0	26.7	107	71 - 129	
1,1-Dichloroethene	25.0	24.2	97	65 - 138	
1,2-Dichlorobenzene	25.0	24.9	100	77 - 120	
1,2-Dichloroethane	25.0	25.8	103	75 - 127	
Benzene	25.0	25.7	103	71 - 124	
Chlorobenzene	25.0	25.5	102	72 - 120	
cis-1,2-Dichloroethene	25.0	24.8	99	74 - 124	
Ethylbenzene	25.0	24.6	99	77 - 123	
Methyl tert-butyl ether	25.0	24.7	99	64 - 127	
Tetrachloroethene	25.0	26.0	104	74 - 122	
Toluene	25.0	24.8	99	70 - 122	
trans-1,2-Dichloroethene	25.0	24.7	99	73 - 127	
Trichloroethene	25.0	24.1	96	74 - 123	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	66 - 137
Toluene-d8 (Surr)	99	71 - 126
4-Bromofluorobenzene (Surr)	89	73 - 120

DATA REPORTING QUALIFIERS

Client: AECOM, Inc.

Job Number: 480-3471-1

Lab Section	Qualifier	Description
GC/MS VOA		
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:480-11387					
LCS 480-11387/4	Lab Control Sample	T	Water	8260B	
MB 480-11387/5	Method Blank	T	Water	8260B	
480-3471-1FD	Duplicate	T	Water	8260B	
480-3471-4	MW-12	T	Water	8260B	
480-3471-5	MW-13D	T	Water	8260B	
480-3471-6	MW-13S	T	Water	8260B	
480-3471-10	MW-15S	T	Water	8260B	
480-3471-12	MW-16S	T	Water	8260B	
Analysis Batch:480-11454					
LCS 480-11454/4	Lab Control Sample	T	Water	8260B	
MB 480-11454/5	Method Blank	T	Water	8260B	
480-3471-2	MW-10	T	Water	8260B	
480-3471-3	MW-11	T	Water	8260B	
480-3471-7	MW-14D	T	Water	8260B	
480-3471-8	MW-14S	T	Water	8260B	
480-3471-10DL	MW-15S	T	Water	8260B	
480-3471-11	MW-16D	T	Water	8260B	
480-3471-13	MW-2	T	Water	8260B	
480-3471-14	MW-3	T	Water	8260B	
480-3471-15	MW-4	T	Water	8260B	
480-3471-16	MW-6	T	Water	8260B	
480-3471-17	MW-8R	T	Water	8260B	
480-3471-18	MW-9	T	Water	8260B	
Analysis Batch:480-11663					
LCS 480-11663/4	Lab Control Sample	T	Water	8260B	
MB 480-11663/5	Method Blank	T	Water	8260B	
480-3471-1FDDL	Duplicate	T	Water	8260B	
480-3471-6DL	MW-13S	T	Water	8260B	
480-3471-9	MW-15D	T	Water	8260B	
480-3471-12DL	MW-16S	T	Water	8260B	
480-3471-15DL	MW-4	T	Water	8260B	
480-3471-17DL	MW-8R	T	Water	8260B	
480-3471-19RB	Rinse Blank	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Laboratory Chronicle

Lab ID: 480-3471-1

Client ID: Duplicate

Sample Date/Time: 04/06/2011 12:50

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-1		480-11387		04/09/2011	16:46	1	TAL BUF	ND
A:8260B	480-3471-A-1		480-11387		04/09/2011	16:46	1	TAL BUF	ND
P:5030B	480-3471-B-1	DL	480-11663		04/12/2011	15:41	500	TAL BUF	LH
A:8260B	480-3471-B-1	DL	480-11663		04/12/2011	15:41	500	TAL BUF	LH

Lab ID: 480-3471-2

Client ID: MW-10

Sample Date/Time: 04/04/2011 15:10

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-2		480-11454		04/10/2011	18:34	1	TAL BUF	LH
A:8260B	480-3471-A-2		480-11454		04/10/2011	18:34	1	TAL BUF	LH

Lab ID: 480-3471-3

Client ID: MW-11

Sample Date/Time: 04/05/2011 09:55

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-3		480-11454		04/10/2011	18:56	1	TAL BUF	LH
A:8260B	480-3471-A-3		480-11454		04/10/2011	18:56	1	TAL BUF	LH

Lab ID: 480-3471-4

Client ID: MW-12

Sample Date/Time: 04/04/2011 13:25

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-4		480-11387		04/09/2011	17:55	1	TAL BUF	ND
A:8260B	480-3471-A-4		480-11387		04/09/2011	17:55	1	TAL BUF	ND

Lab ID: 480-3471-5

Client ID: MW-13D

Sample Date/Time: 04/06/2011 10:10

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-5		480-11387		04/09/2011	18:18	1	TAL BUF	ND
A:8260B	480-3471-A-5		480-11387		04/09/2011	18:18	1	TAL BUF	ND

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Laboratory Chronicle

Lab ID: 480-3471-6

Client ID: MW-13S

Sample Date/Time: 04/06/2011 11:05

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-6		480-11387		04/09/2011	18:42	1	TAL BUF	ND
A:8260B	480-3471-A-6		480-11387		04/09/2011	18:42	1	TAL BUF	ND
P:5030B	480-3471-B-6	DL	480-11663		04/12/2011	16:07	800	TAL BUF	LH
A:8260B	480-3471-B-6	DL	480-11663		04/12/2011	16:07	800	TAL BUF	LH

Lab ID: 480-3471-7

Client ID: MW-14D

Sample Date/Time: 04/05/2011 12:30

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-7		480-11454		04/10/2011	19:42	1	TAL BUF	LH
A:8260B	480-3471-A-7		480-11454		04/10/2011	19:42	1	TAL BUF	LH

Lab ID: 480-3471-8

Client ID: MW-14S

Sample Date/Time: 04/05/2011 11:20

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-8		480-11454		04/10/2011	20:06	1	TAL BUF	LH
A:8260B	480-3471-A-8		480-11454		04/10/2011	20:06	1	TAL BUF	LH

Lab ID: 480-3471-9

Client ID: MW-15D

Sample Date/Time: 04/05/2011 15:35

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-B-9		480-11663		04/12/2011	16:32	8	TAL BUF	LH
A:8260B	480-3471-B-9		480-11663		04/12/2011	16:32	8	TAL BUF	LH

Lab ID: 480-3471-10

Client ID: MW-15S

Sample Date/Time: 04/07/2011 08:45

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5030B	480-3471-A-10		480-11387		04/09/2011	20:14	1	TAL BUF	ND
A:8260B	480-3471-A-10		480-11387		04/09/2011	20:14	1	TAL BUF	ND
P:5030B	480-3471-A-10	DL	480-11454		04/10/2011	20:52	20	TAL BUF	LH
A:8260B	480-3471-A-10	DL	480-11454		04/10/2011	20:52	20	TAL BUF	LH

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Laboratory Chronicle

Lab ID: 480-3471-11

Client ID: MW-16D

Sample Date/Time: 04/07/2011 11:00

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-11		480-11454		04/10/2011 21:15	1	TAL BUF	LH
A:8260B	480-3471-A-11		480-11454		04/10/2011 21:15	1	TAL BUF	LH

Lab ID: 480-3471-12

Client ID: MW-16S

Sample Date/Time: 04/07/2011 09:55

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-12		480-11387		04/09/2011 21:00	1	TAL BUF	ND
A:8260B	480-3471-A-12		480-11387		04/09/2011 21:00	1	TAL BUF	ND
P:5030B	480-3471-B-12	DL	480-11663		04/12/2011 16:57	4000	TAL BUF	LH
A:8260B	480-3471-B-12	DL	480-11663		04/12/2011 16:57	4000	TAL BUF	LH

Lab ID: 480-3471-13

Client ID: MW-2

Sample Date/Time: 04/04/2011 11:15

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-13		480-11454		04/10/2011 22:01	1	TAL BUF	LH
A:8260B	480-3471-A-13		480-11454		04/10/2011 22:01	1	TAL BUF	LH

Lab ID: 480-3471-14

Client ID: MW-3

Sample Date/Time: 04/04/2011 12:25

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-14		480-11454		04/10/2011 22:24	1	TAL BUF	LH
A:8260B	480-3471-A-14		480-11454		04/10/2011 22:24	1	TAL BUF	LH

Lab ID: 480-3471-15

Client ID: MW-4

Sample Date/Time: 04/06/2011 12:00

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-15		480-11454		04/10/2011 22:48	40	TAL BUF	LH
A:8260B	480-3471-A-15		480-11454		04/10/2011 22:48	40	TAL BUF	LH
P:5030B	480-3471-B-15	DL	480-11663		04/12/2011 17:22	800	TAL BUF	LH
A:8260B	480-3471-B-15	DL	480-11663		04/12/2011 17:22	800	TAL BUF	LH

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Laboratory Chronicle

Lab ID: 480-3471-16

Client ID: MW-6

Sample Date/Time: 04/04/2011 14:20

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-16		480-11454		04/10/2011 23:15	1	TAL BUF	LH
A:8260B	480-3471-A-16		480-11454		04/10/2011 23:15	1	TAL BUF	LH

Lab ID: 480-3471-17

Client ID: MW-8R

Sample Date/Time: 04/06/2011 14:40

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-17		480-11454		04/10/2011 23:38	800	TAL BUF	LH
A:8260B	480-3471-A-17		480-11454		04/10/2011 23:38	800	TAL BUF	LH
P:5030B	480-3471-B-17	DL	480-11663		04/12/2011 17:47	2000	TAL BUF	LH
A:8260B	480-3471-B-17	DL	480-11663		04/12/2011 17:47	2000	TAL BUF	LH

Lab ID: 480-3471-18

Client ID: MW-9

Sample Date/Time: 04/04/2011 15:55

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-A-18		480-11454		04/11/2011 00:01	1	TAL BUF	LH
A:8260B	480-3471-A-18		480-11454		04/11/2011 00:01	1	TAL BUF	LH

Lab ID: 480-3471-19

Client ID: Rinse Blank

Sample Date/Time: 04/06/2011 15:15

Received Date/Time: 04/07/2011 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	480-3471-B-19		480-11663		04/12/2011 18:12	1	TAL BUF	LH
A:8260B	480-3471-B-19		480-11663		04/12/2011 18:12	1	TAL BUF	LH

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:5030B	MB 480-11387/5		480-11387		04/09/2011 13:03	1	TAL BUF	ND
A:8260B	MB 480-11387/5		480-11387		04/09/2011 13:03	1	TAL BUF	ND
P:5030B	MB 480-11454/5		480-11454		04/10/2011 14:23	1	TAL BUF	LH
A:8260B	MB 480-11454/5		480-11454		04/10/2011 14:23	1	TAL BUF	LH
P:5030B	MB 480-11663/5		480-11663		04/12/2011 12:32	1	TAL BUF	LH
A:8260B	MB 480-11663/5		480-11663		04/12/2011 12:32	1	TAL BUF	LH

Quality Control Results

Client: AECOM, Inc.

Job Number: 480-3471-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 480-11387/4		480-11387		04/09/2011 12:39	1	TAL BUF	ND
A:8260B	LCS 480-11387/4		480-11387		04/09/2011 12:39	1	TAL BUF	ND
P:5030B	LCS 480-11454/4		480-11454		04/10/2011 13:59	1	TAL BUF	LH
A:8260B	LCS 480-11454/4		480-11454		04/10/2011 13:59	1	TAL BUF	LH
P:5030B	LCS 480-11663/4		480-11663		04/12/2011 11:31	1	TAL BUF	LH
A:8260B	LCS 480-11663/4		480-11663		04/12/2011 11:31	1	TAL BUF	LH

Lab References:

TAL BUF = TestAmerica Buffalo

Certification Summary

Client: AECOM, Inc.

TestAmerica Job ID: 480-3471-1

Project/Site: Scott Aviation site - Groundwater

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo		USDA		P330-08-00242
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

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 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-3471-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
Duplicate	480-3471-1	123	102	101
Duplicate DL	480-3471-1 DL	96	93	83
MW-10	480-3471-2	120	100	102
MW-11	480-3471-3	122	100	105
MW-12	480-3471-4	116	102	105
MW-13D	480-3471-5	120	103	102
MW-13S	480-3471-6	124	101	104
MW-13S DL	480-3471-6 DL	105	97	85
MW-14D	480-3471-7	122	102	103
MW-14S	480-3471-8	123	100	102
MW-15D	480-3471-9	106	99	89
MW-15S	480-3471-10	123	102	106
MW-15S DL	480-3471-10 DL	124	101	106
MW-16D	480-3471-11	124	100	106
MW-16S	480-3471-12	129	99	103
MW-16S DL	480-3471-12 DL	106	97	86
MW-2	480-3471-13	123	101	107
MW-3	480-3471-14	125	102	106
MW-4	480-3471-15	126	100	103
MW-4 DL	480-3471-15 DL	104	99	86
MW-6	480-3471-16	127	100	103
MW-8R	480-3471-17	124	101	105
MW-8R DL	480-3471-17 DL	101	94	82
MW-9	480-3471-18	122	101	105
Rinse Blank	480-3471-19	102	93	82
	MB 480-11387/5	117	102	101
	MB 480-11454/5	118	101	106
	MB 480-11663/5	102	98	89
	LCS 480-11387/4	115	103	105
	LCS 480-11454/4	121	100	108
	LCS 480-11663/4	102	99	89

QC LIMITS

DCA = 1,2-Dichloroethane-d4 (Surr)

66-137

TOL = Toluene-d8 (Surr)

71-126

BFB = 4-Bromofluorobenzene (Surr)

73-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N6130.D
 Lab ID: LCS 480-11387/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	20.6	82	71-129	
1,1-Dichloroethene	25.0	17.0	68	65-138	
1,2-Dichlorobenzene	25.0	23.1	92	77-120	
1,2-Dichloroethane	25.0	25.6	102	75-127	
Benzene	25.0	20.0	80	71-124	
Chlorobenzene	25.0	22.8	91	72-120	
cis-1,2-Dichloroethene	25.0	21.3	85	74-124	
Ethylbenzene	25.0	22.7	91	77-123	
Methyl tert-butyl ether	25.0	20.6	83	64-127	
Tetrachloroethene	25.0	23.3	93	74-122	
Toluene	25.0	21.1	85	70-122	
trans-1,2-Dichloroethene	25.0	20.9	84	73-127	
Trichloroethene	25.0	21.6	86	74-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N6160.D
 Lab ID: LCS 480-11454/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	22.2	89	71-129	
1,1-Dichloroethene	25.0	18.7	75	65-138	
1,2-Dichlorobenzene	25.0	23.6	94	77-120	
1,2-Dichloroethane	25.0	27.9	112	75-127	
Benzene	25.0	21.6	87	71-124	
Chlorobenzene	25.0	23.6	94	72-120	
cis-1,2-Dichloroethene	25.0	22.6	90	74-124	
Ethylbenzene	25.0	24.2	97	77-123	
Methyl tert-butyl ether	25.0	22.8	91	64-127	
Tetrachloroethene	25.0	25.0	100	74-122	
Toluene	25.0	22.5	90	70-122	
trans-1,2-Dichloroethene	25.0	23.2	93	73-127	
Trichloroethene	25.0	23.7	95	74-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C9835.D
 Lab ID: LCS 480-11663/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	25.0	26.7	107	71-129	
1,1-Dichloroethene	25.0	24.2	97	65-138	
1,2-Dichlorobenzene	25.0	24.9	100	77-120	
1,2-Dichloroethane	25.0	25.8	103	75-127	
Benzene	25.0	25.7	103	71-124	
Chlorobenzene	25.0	25.5	102	72-120	
cis-1,2-Dichloroethene	25.0	24.8	99	74-124	
Ethylbenzene	25.0	24.6	99	77-123	
Methyl tert-butyl ether	25.0	24.7	99	64-127	
Tetrachloroethene	25.0	26.0	104	74-122	
Toluene	25.0	24.8	99	70-122	
trans-1,2-Dichloroethene	25.0	24.7	99	73-127	
Trichloroethene	25.0	24.1	96	74-123	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: N6131.D Lab Sample ID: MB 480-11387/5
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973N Date Analyzed: 04/09/2011 13:03
 GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-11387/4	N6130.D	04/09/2011 12:39
Duplicate	480-3471-1	N6138.D	04/09/2011 16:46
MW-12	480-3471-4	N6141.D	04/09/2011 17:55
MW-13D	480-3471-5	N6142.D	04/09/2011 18:18
MW-13S	480-3471-6	N6143.D	04/09/2011 18:42
MW-15S	480-3471-10	N6147.D	04/09/2011 20:14
MW-16S	480-3471-12	N6149.D	04/09/2011 21:00

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: N6161.D Lab Sample ID: MB 480-11454/5
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973N Date Analyzed: 04/10/2011 14:23
 GC Column: ZB-624 (60) ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-11454/4	N6160.D	04/10/2011 13:59
MW-10	480-3471-2	N6171.D	04/10/2011 18:34
MW-11	480-3471-3	N6172.D	04/10/2011 18:56
MW-14D	480-3471-7	N6174.D	04/10/2011 19:42
MW-14S	480-3471-8	N6175.D	04/10/2011 20:06
MW-15S DL	480-3471-10 DL	N6177.D	04/10/2011 20:52
MW-16D	480-3471-11	N6178.D	04/10/2011 21:15
MW-2	480-3471-13	N6180.D	04/10/2011 22:01
MW-3	480-3471-14	N6181.D	04/10/2011 22:24
MW-4	480-3471-15	N6182.D	04/10/2011 22:48
MW-6	480-3471-16	N6183.D	04/10/2011 23:15
MW-8R	480-3471-17	N6184.D	04/10/2011 23:38
MW-9	480-3471-18	N6185.D	04/11/2011 00:01

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: C9836.D Lab Sample ID: MB 480-11663/5
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: HP5973C Date Analyzed: 04/12/2011 12:32
 GC Column: ZB-624 (30) ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-11663/4	C9835.D	04/12/2011 11:31
Duplicate DL	480-3471-1 DL	C9843.D	04/12/2011 15:41
MW-13S DL	480-3471-6 DL	C9844.D	04/12/2011 16:07
MW-15D	480-3471-9	C9845.D	04/12/2011 16:32
MW-16S DL	480-3471-12 DL	C9846.D	04/12/2011 16:57
MW-4 DL	480-3471-15 DL	C9847.D	04/12/2011 17:22
MW-8R DL	480-3471-17 DL	C9848.D	04/12/2011 17:47
Rinse Blank	480-3471-19	C9849.D	04/12/2011 18:12

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: C9215.D BFB Injection Date: 03/21/2011
 Instrument ID: HP5973C BFB Injection Time: 15:55
 Analysis Batch No.: 9035

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.2	
75	30.0 - 60.0 % of mass 95	52.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	50.0 - 120.00 % of mass 95	84.5	
175	5.0 - 9.0 % of mass 174	6.2	(7.3) 1
176	95.0 - 101.0 % of mass 174	80.9	(95.8) 1
177	5.0 - 9.0 % of mass 176	5.1	(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
	STD 480-9035/2	C9217.D	03/21/2011	16:50
	STD 480-9035/3	C9218.D	03/21/2011	17:16
	STD 480-9035/4	C9219.D	03/21/2011	17:41
	STD 480-9035/5	C9220.D	03/21/2011	18:07
	STD 480-9035/6	C9221.D	03/21/2011	18:32
	STD 480-9035/7	C9222.D	03/21/2011	18:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: C9832.D BFB Injection Date: 04/12/2011
 Instrument ID: HP5973C BFB Injection Time: 09:57
 Analysis Batch No.: 11663

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.7
75	30.0 - 60.0 % of mass 95	54.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.2
173	Less than 2.0 % of mass 174	0.5 (0.6) 1
174	50.0 - 120.00 % of mass 95	80.8
175	5.0 - 9.0 % of mass 174	6.8 (8.4) 1
176	95.0 - 101.0 % of mass 174	79.1 (97.9) 1
177	5.0 - 9.0 % of mass 176	5.3 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-11663/2	C9833.D	04/12/2011	10:28
	LCS 480-11663/4	C9835.D	04/12/2011	11:31
	MB 480-11663/5	C9836.D	04/12/2011	12:32
Duplicate DL	480-3471-1 DL	C9843.D	04/12/2011	15:41
MW-13S DL	480-3471-6 DL	C9844.D	04/12/2011	16:07
MW-15D	480-3471-9	C9845.D	04/12/2011	16:32
MW-16S DL	480-3471-12 DL	C9846.D	04/12/2011	16:57
MW-4 DL	480-3471-15 DL	C9847.D	04/12/2011	17:22
MW-8R DL	480-3471-17 DL	C9848.D	04/12/2011	17:47
Rinse Blank	480-3471-19	C9849.D	04/12/2011	18:12

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: N5525.D BFB Injection Date: 03/18/2011
 Instrument ID: HP5973N BFB Injection Time: 12:14
 Analysis Batch No.: 8779

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.5
75	30.0 - 60.0 % of mass 95	51.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	79.2
175	5.0 - 9.0 % of mass 174	6.3 (8.0) 1
176	95.0 - 101.0 % of mass 174	78.5 (99.1) 1
177	5.0 - 9.0 % of mass 176	5.1 (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
	STD 480-8779/2	N5527.D	03/18/2011	13:00
	STD 480-8779/3	N5528.D	03/18/2011	13:23
	STD 480-8779/4	N5529.D	03/18/2011	13:46
	STD 480-8779/5	N5530.D	03/18/2011	14:09
	STD 480-8779/6	N5531.D	03/18/2011	14:32
	STD 480-8779/7	N5532.D	03/18/2011	14:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: N6124.D BFB Injection Date: 04/09/2011
 Instrument ID: HP5973N BFB Injection Time: 10:08
 Analysis Batch No.: 11387

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.8	
75	30.0 - 60.0 % of mass 95	54.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	50.0 - 120.00 % of mass 95	84.6	
175	5.0 - 9.0 % of mass 174	6.1	(7.2) 1
176	95.0 - 101.0 % of mass 174	81.2	(96.0) 1
177	5.0 - 9.0 % of mass 176	5.0	(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 480-11387/2	N6129.D	04/09/2011	12:16
	LCS 480-11387/4	N6130.D	04/09/2011	12:39
	MB 480-11387/5	N6131.D	04/09/2011	13:03
Duplicate	480-3471-1	N6138.D	04/09/2011	16:46
MW-12	480-3471-4	N6141.D	04/09/2011	17:55
MW-13D	480-3471-5	N6142.D	04/09/2011	18:18
MW-13S	480-3471-6	N6143.D	04/09/2011	18:42
MW-15S	480-3471-10	N6147.D	04/09/2011	20:14
MW-16S	480-3471-12	N6149.D	04/09/2011	21:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab File ID: N6157.D BFB Injection Date: 04/10/2011
 Instrument ID: HP5973N BFB Injection Time: 12:49
 Analysis Batch No.: 11454

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.9
75	30.0 - 60.0 % of mass 95	54.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	81.1
175	5.0 - 9.0 % of mass 174	6.8 (8.4) 1
176	95.0 - 101.0 % of mass 174	79.3 (97.8) 1
177	5.0 - 9.0 % of mass 176	5.0 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-11454/2	N6158.D	04/10/2011	13:13
	LCS 480-11454/4	N6160.D	04/10/2011	13:59
	MB 480-11454/5	N6161.D	04/10/2011	14:23
MW-10	480-3471-2	N6171.D	04/10/2011	18:34
MW-11	480-3471-3	N6172.D	04/10/2011	18:56
MW-14D	480-3471-7	N6174.D	04/10/2011	19:42
MW-14S	480-3471-8	N6175.D	04/10/2011	20:06
MW-15S DL	480-3471-10 DL	N6177.D	04/10/2011	20:52
MW-16D	480-3471-11	N6178.D	04/10/2011	21:15
MW-2	480-3471-13	N6180.D	04/10/2011	22:01
MW-3	480-3471-14	N6181.D	04/10/2011	22:24
MW-4	480-3471-15	N6182.D	04/10/2011	22:48
MW-6	480-3471-16	N6183.D	04/10/2011	23:15
MW-8R	480-3471-17	N6184.D	04/10/2011	23:38
MW-9	480-3471-18	N6185.D	04/11/2011	00:01

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Sample No.: STD 480-9035/5 Date Analyzed: 03/21/2011 18:07
 Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm)
 Lab File ID (Standard): C9220.D Heated Purge: (Y/N) N
 Calibration ID: 1008

	DFB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	700502	9.47	385338	11.84	381690	13.87
UPPER LIMIT	1401004	9.97	770676	12.34	763380	14.37
LOWER LIMIT	350251	8.97	192669	11.34	190845	13.37
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-11663/2	600520	9.47	335141	11.84	331000	13.87

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Sample No.: CCVIS 480-11663/2 Date Analyzed: 04/12/2011 10:28
 Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm)
 Lab File ID (Standard): C9833.D Heated Purge: (Y/N) N
 Calibration ID: 1009

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	600520	9.47	335141	11.84	331000	13.87	
UPPER LIMIT	1201040	9.97	670282	12.34	662000	14.37	
LOWER LIMIT	300260	8.97	167571	11.34	165500	13.37	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-11663/4		577945	9.47	321429	11.84	322714	13.87
MB 480-11663/5		554832	9.47	305807	11.84	292336	13.87
480-3471-1 DL	Duplicate DL	557053	9.47	304450	11.84	290371	13.87
480-3471-6 DL	MW-13S DL	530022	9.47	295581	11.84	277430	13.87
480-3471-9	MW-15D	512241	9.47	281562	11.84	267999	13.87
480-3471-12 DL	MW-16S DL	531258	9.47	295894	11.84	276860	13.87
480-3471-15 DL	MW-4 DL	526154	9.47	291711	11.84	274669	13.87
480-3471-17 DL	MW-8R DL	540299	9.47	299931	11.84	285943	13.87
480-3471-19	Rinse Blank	523304	9.47	290516	11.84	275974	13.87

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Sample No.: STD 480-8779/5 Date Analyzed: 03/18/2011 14:09
 Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)
 Lab File ID (Standard): N5530.D Heated Purge: (Y/N) N
 Calibration ID: 1004

	DFB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	746541	4.64	655958	7.44	342462	9.90
UPPER LIMIT	1493082	5.14	1311916	7.94	684924	10.40
LOWER LIMIT	373271	4.14	327979	6.94	171231	9.40
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCVIS 480-11387/2	537059	4.64	481916	7.44	257464	9.90
CCVIS 480-11454/2	482150	4.64	439164	7.44	234422	9.90

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Sample No.: CCVIS 480-11387/2 Date Analyzed: 04/09/2011 12:16
 Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)
 Lab File ID (Standard): N6129.D Heated Purge: (Y/N) N
 Calibration ID: 1006

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	537059	4.64	481916	7.44	257464	9.90	
UPPER LIMIT	1074118	5.14	963832	7.94	514928	10.40	
LOWER LIMIT	268530	4.14	240958	6.94	128732	9.40	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-11387/4		549038	4.63	487018	7.44	258826	9.90
MB 480-11387/5		545575	4.63	482874	7.44	244384	9.90
480-3471-1	Duplicate	500800	4.65	443805	7.44	235315	9.90
480-3471-4	MW-12	493997	4.64	432762	7.44	229385	9.90
480-3471-5	MW-13D	495443	4.64	442222	7.44	227124	9.90
480-3471-6	MW-13S	501667	4.65	440169	7.44	234152	9.90
480-3471-10	MW-15S	496959	4.64	442570	7.44	235716	9.90
480-3471-12	MW-16S	435535	4.70	379453	7.45	201860	9.90

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Sample No.: CCVIS 480-11454/2 Date Analyzed: 04/10/2011 13:13
 Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25(mm)
 Lab File ID (Standard): N6158.D Heated Purge: (Y/N) N
 Calibration ID: 1006

	DFB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	482150	4.64	439164	7.44	234422	9.90	
UPPER LIMIT	964300	5.14	878328	7.94	468844	10.40	
LOWER LIMIT	241075	4.14	219582	6.94	117211	9.40	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-11454/4	468195	4.64	420740	7.44	226001	9.90	
MB 480-11454/5	462180	4.64	408967	7.44	209814	9.90	
480-3471-2	MW-10	446475	4.64	402083	7.44	209674	9.90
480-3471-3	MW-11	440390	4.64	396513	7.44	203291	9.90
480-3471-7	MW-14D	436615	4.64	389787	7.44	201576	9.90
480-3471-8	MW-14S	441834	4.64	402652	7.44	203987	9.90
480-3471-10 DL	MW-15S DL	421443	4.64	380740	7.44	198725	9.90
480-3471-11	MW-16D	430580	4.64	388891	7.44	205494	9.90
480-3471-13	MW-2	437901	4.64	389212	7.44	203920	9.90
480-3471-14	MW-3	430373	4.64	385371	7.44	203743	9.90
480-3471-15	MW-4	443136	4.64	398181	7.44	207152	9.90
480-3471-16	MW-6	438961	4.63	397886	7.44	202585	9.90
480-3471-17	MW-8R	434948	4.64	395200	7.44	201830	9.90
480-3471-18	MW-9	439667	4.64	387088	7.44	199735	9.90

DFB = 1,4-Difluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-3471-1
 Matrix: Water Lab File ID: N6138.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:50
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 16:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	35		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	4.5		1.0	0.21
79-00-5	1,1,2-Trichloroethane	4.3		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	520	E	1.0	0.38
75-35-4	1,1-Dichloroethene	240	E	1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	23		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	4.1		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	28		1.0	0.32
67-66-3	Chloroform	2.1		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	5100	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: Duplicate Lab Sample ID: 480-3471-1
 Matrix: Water Lab File ID: N6138.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:50
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 16:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	2.9		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	0.88	J	1.0	0.36
108-88-3	Toluene	7.3		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	120	E	1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	3500	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2500	E	1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6138.D
 Lims ID: 480-3471-A-1 Client ID: Duplicate
 Inject. Date: 09-Apr-2011 16:46:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-1
 Misc. Info.: 480-0002148-012
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 35
 Lims Batch ID: 11387 Lims Sample ID: 12
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 10-Apr-2011 10:45:54 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: jonesr

Date: 10-Apr-2011 10:46:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.646	4.640	0.006	93	500800	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	84	443805	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	235315	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.257	4.251	0.006	0	202949	30.8	
\$ 6 Toluene-d8 (Surr)	98	5.997	5.991	0.007	80	554319	25.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	85	174717	25.3	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62	1.203	1.172	0.031	77	11317801	2492.4	5
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.452	1.428	0.024	99	68740	28.4	
18 Trichlorofluoromethane	101		1.635					
22 1,1-Dichloroethene	96	2.024	2.000	0.024	86	1249910	240.7	5
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.334					
30 Methylene Chloride	84	2.450	2.438	0.012	86	16127	2.86	
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96	2.651	2.626	0.025	97	665361	123.9	5
36 1,1-Dichloroethane	63	3.028	3.003	0.025	82	5164248	515.6	5
43 cis-1,2-Dichloroethene	96	3.539	3.521	0.018	55	30264308	5141.4	5M
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83	3.831	3.819	0.012	79	20555	2.10	
51 1,1,1-Trichloroethane	97	3.934	3.928	0.006	98	221542	34.9	
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78	4.263	4.251	0.012	94	98614	4.13	
57 1,2-Dichloroethane	62	4.324	4.318	0.006	99	178078	23.5	
60 Trichloroethene	95	4.877	4.853	0.024	91	20252417	3496.8	5M
62 Methylcyclohexane	83		4.968					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.364					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92	6.057	6.051	0.006	98	108443	7.27	
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	94	18116	4.32	
79 Tetrachloroethene	166	6.581	6.575	0.006	86	5441	0.8823	
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.108					
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83	8.917	8.917	0.0	98	29524	4.46	
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

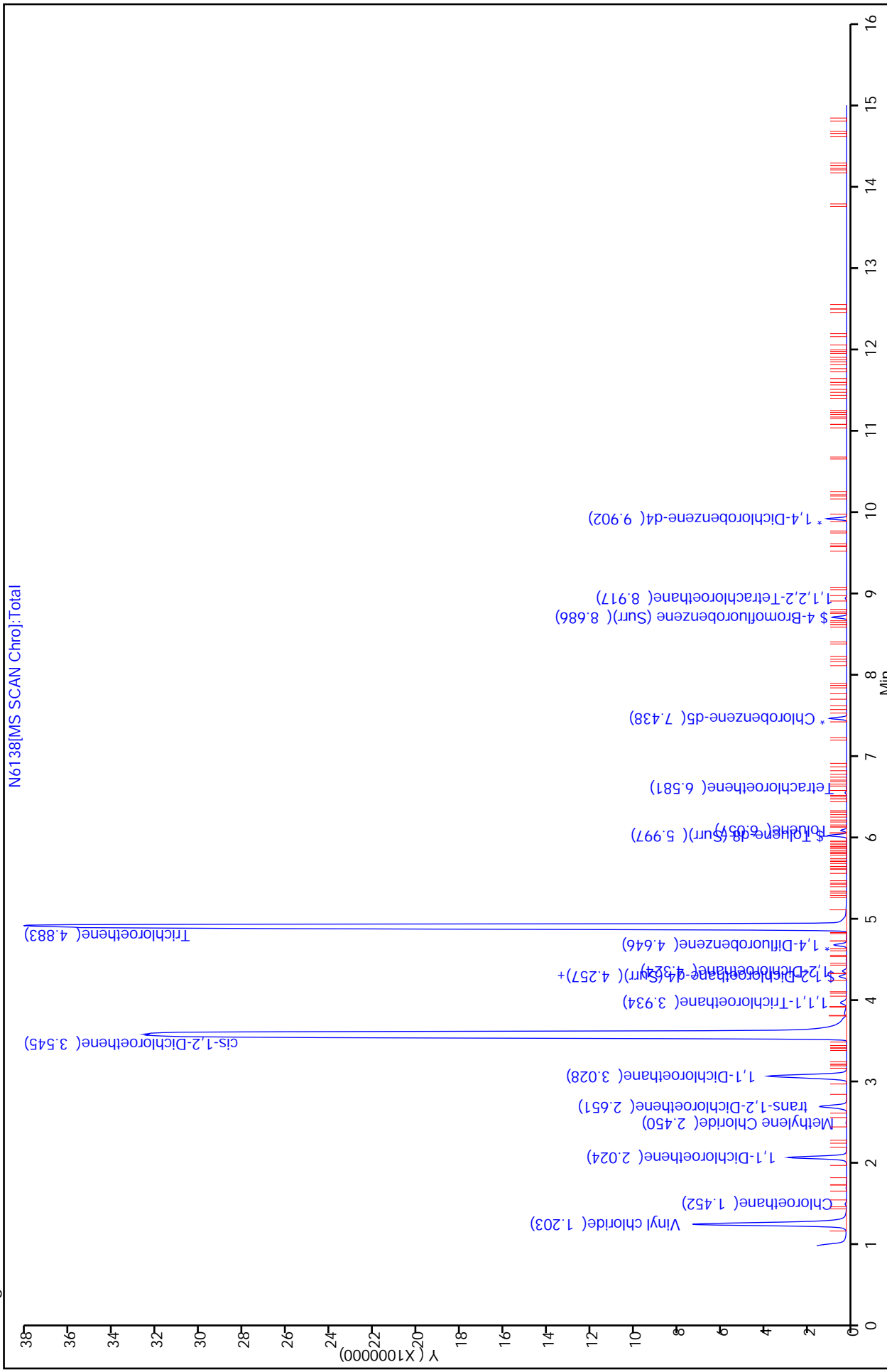
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7 - Failed Limit of Detection

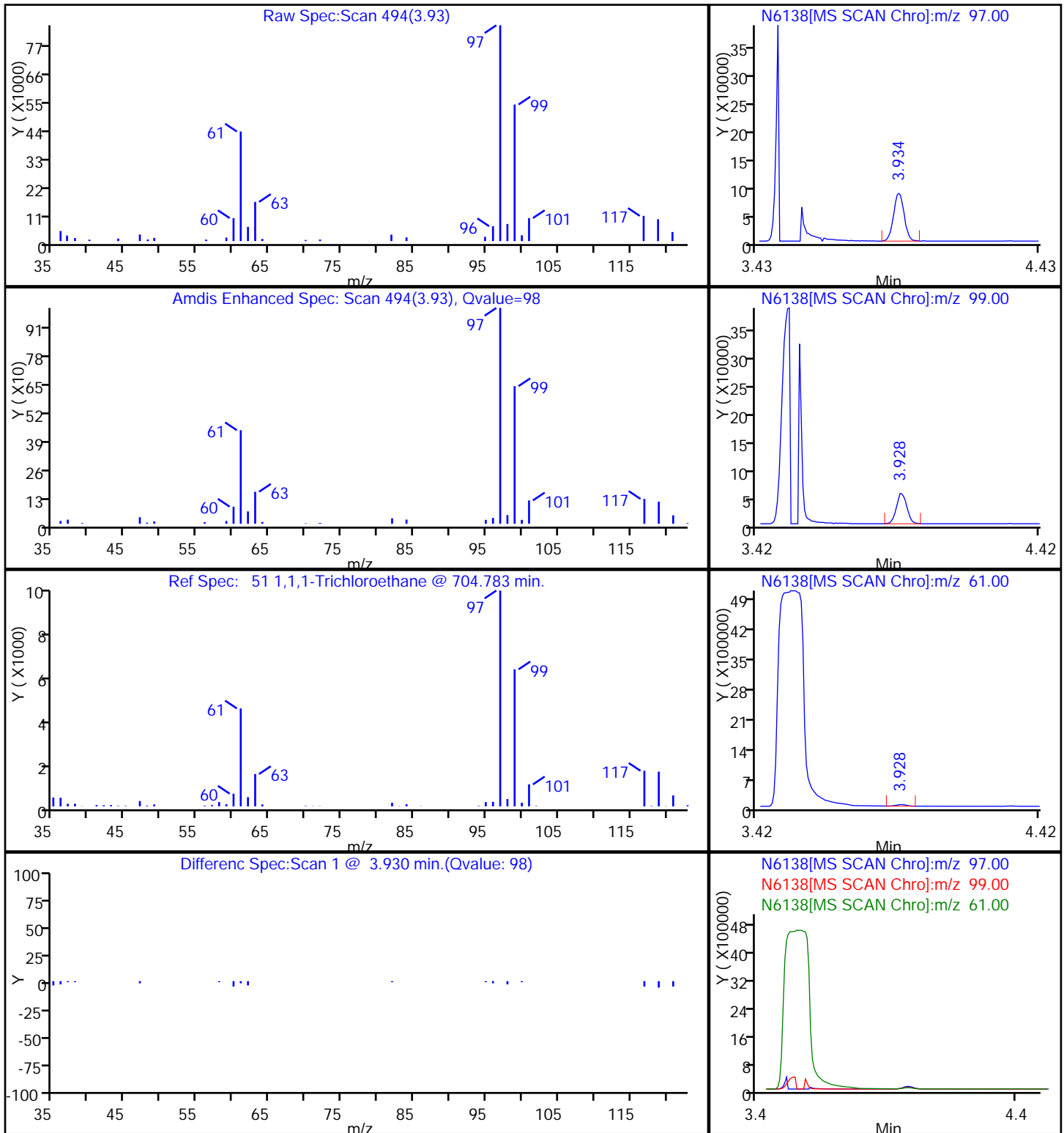
Review Flags

M - Manually Integrated

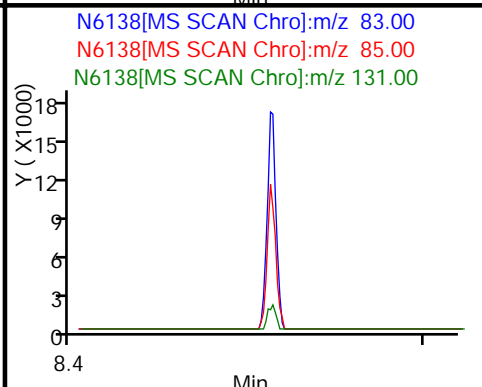
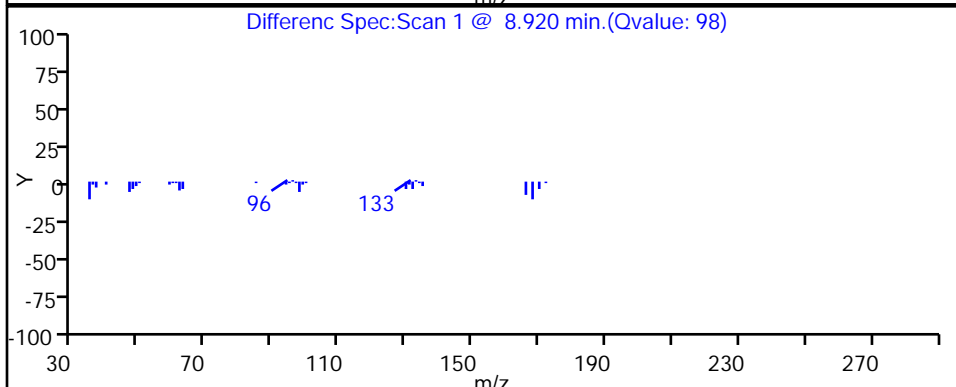
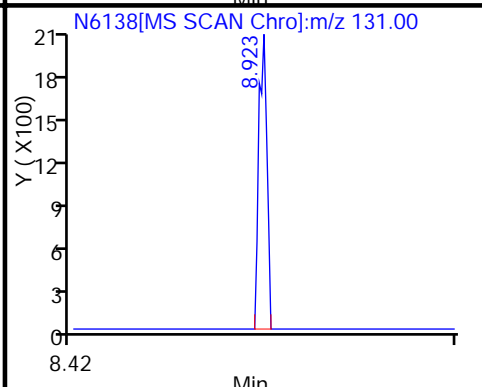
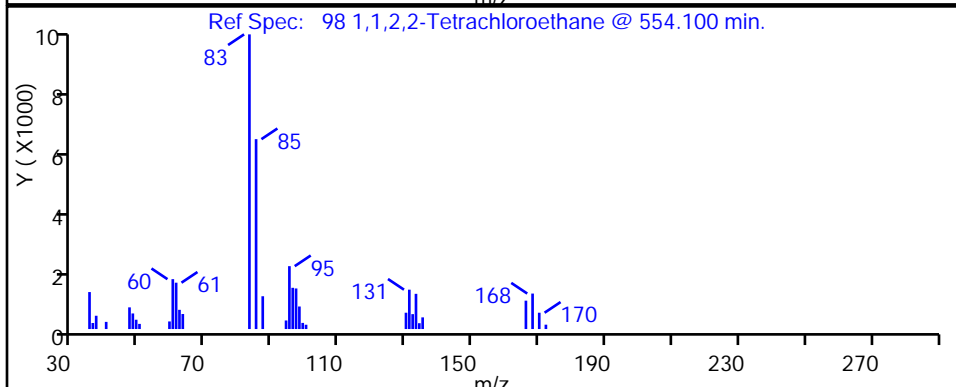
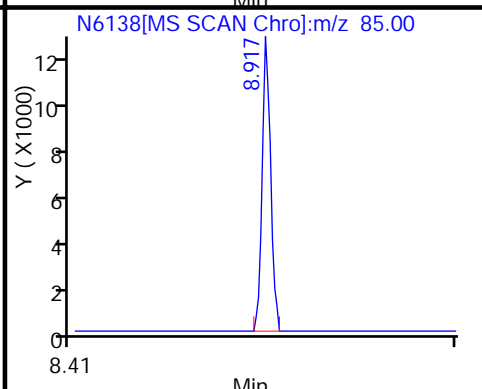
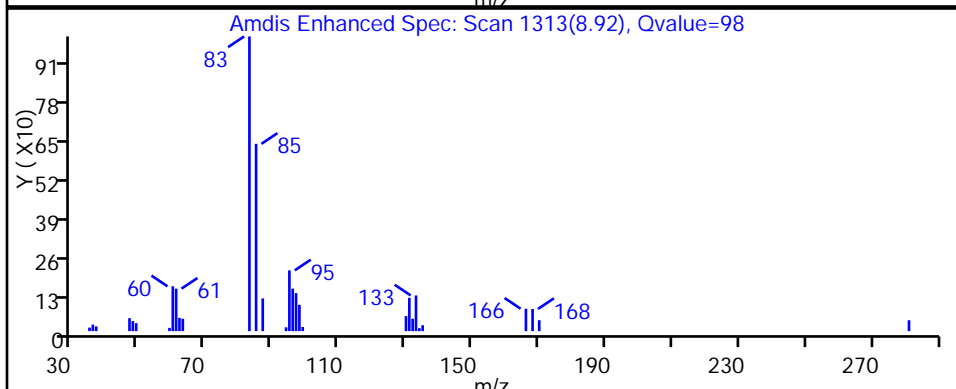
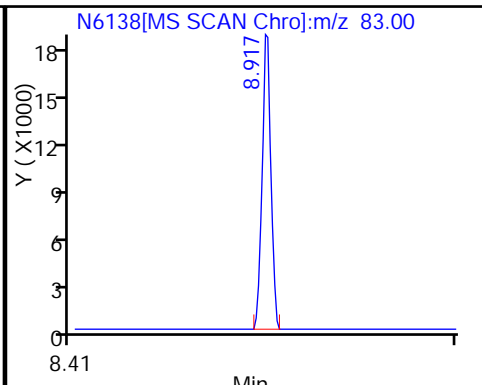
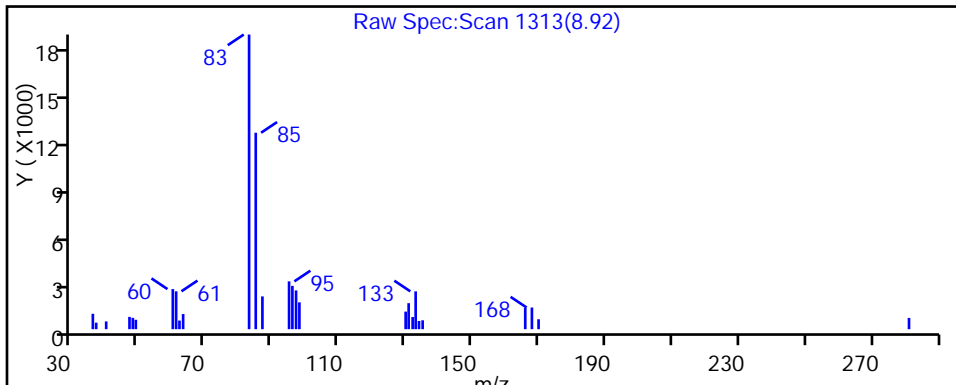
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 Injection Date: 09-Apr-2011 16:46:30
 Client ID: Duplicate
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 12



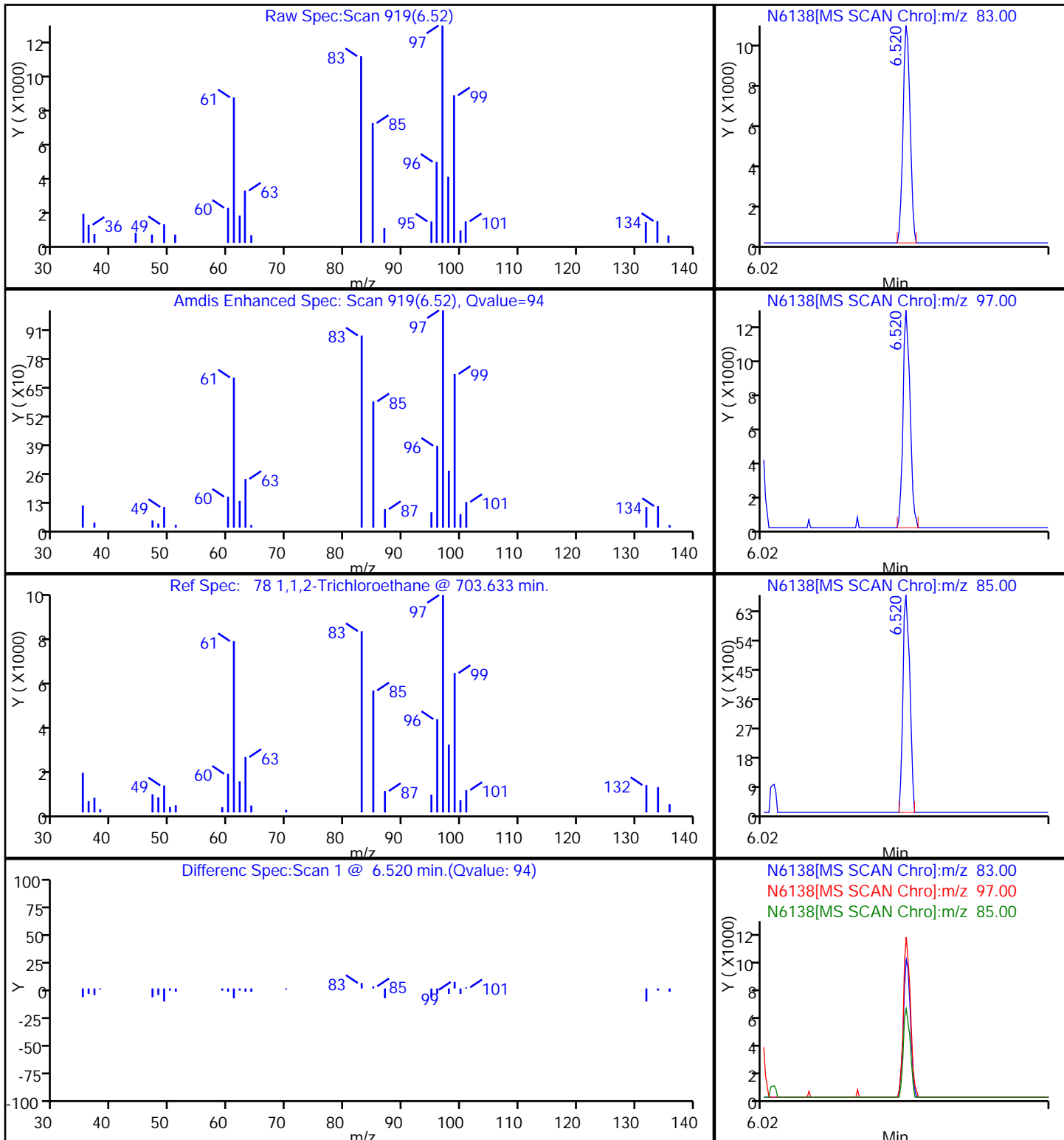
51 1,1,1-Trichloroethane



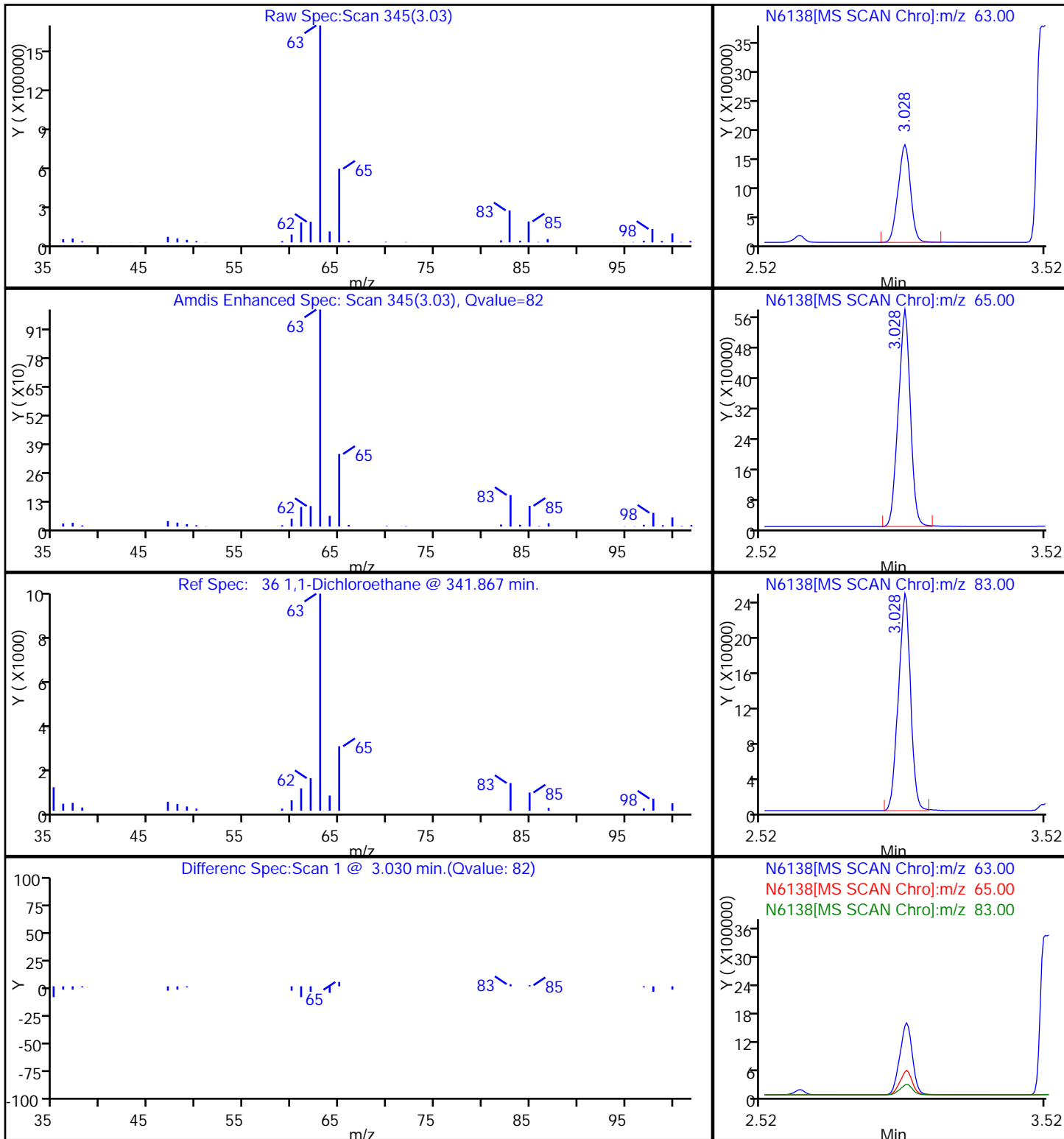
98 1,1,2,2-Tetrachloroethane



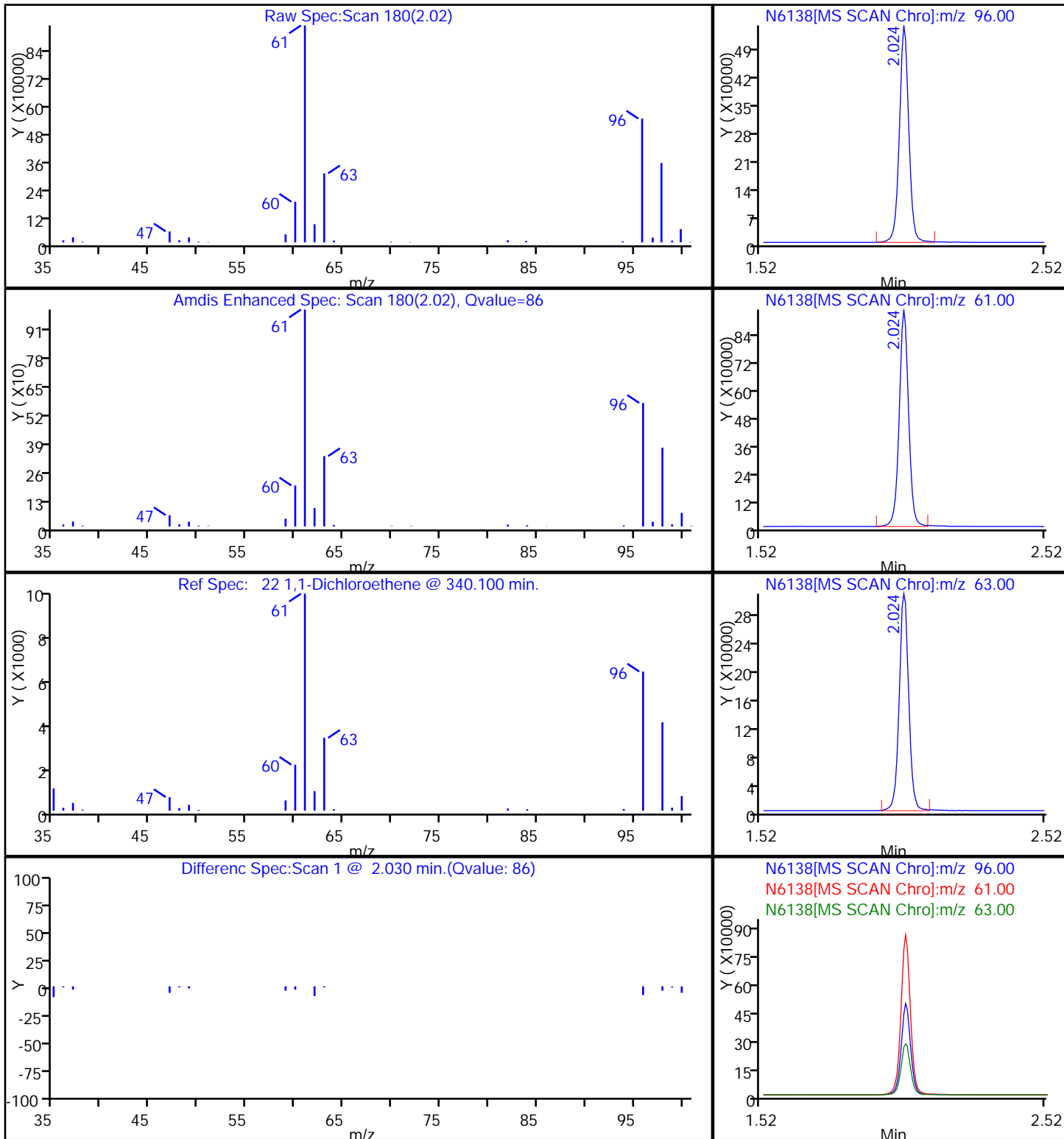
78 1,1,2-Trichloroethane



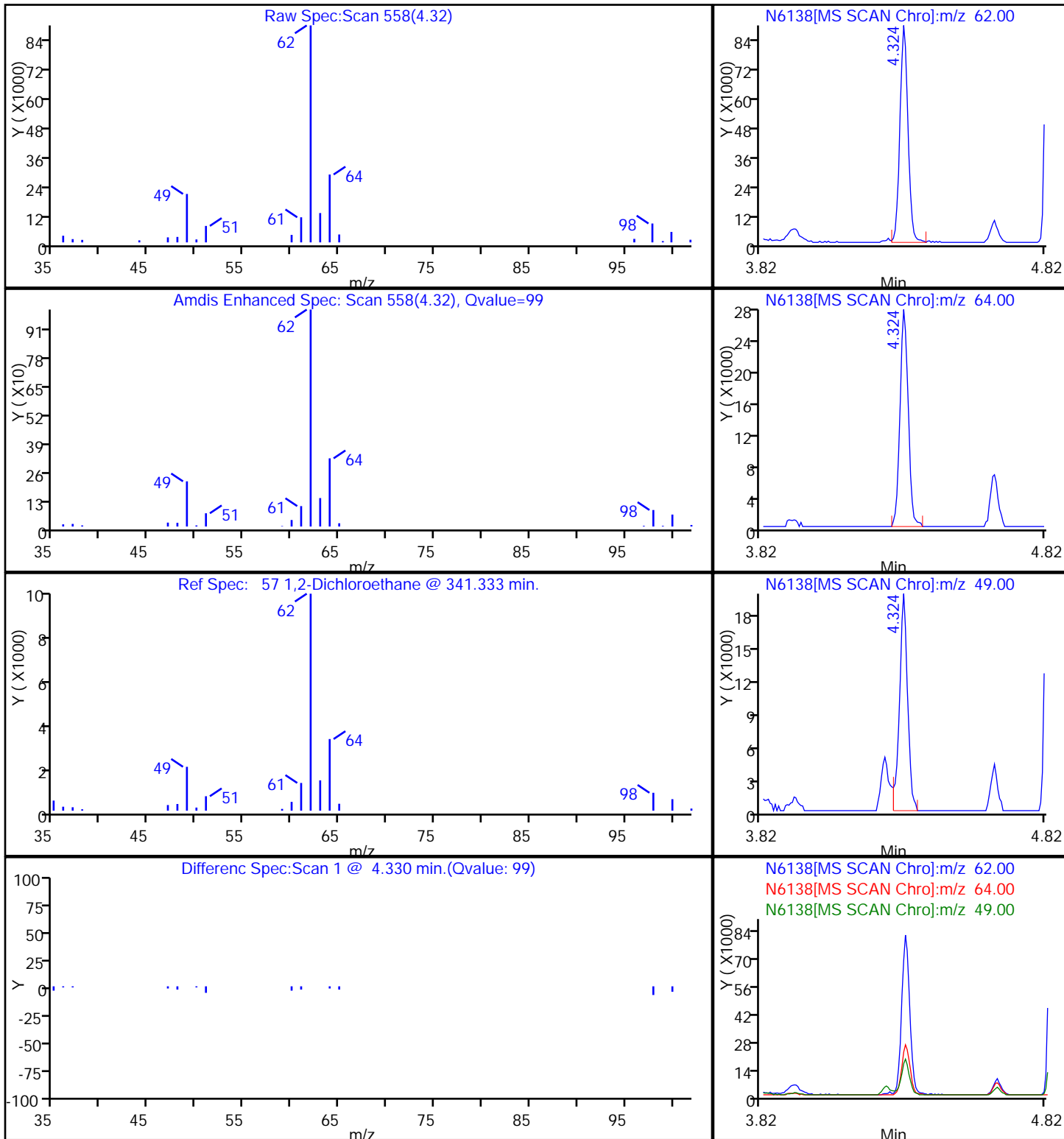
36 1,1-Dichloroethane



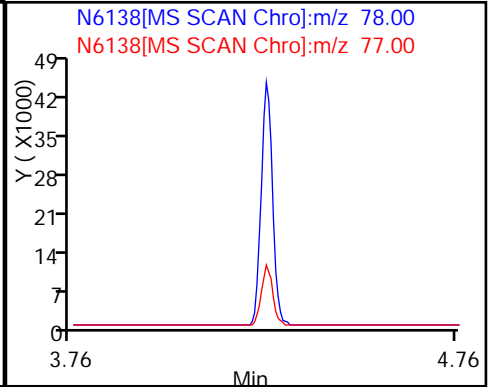
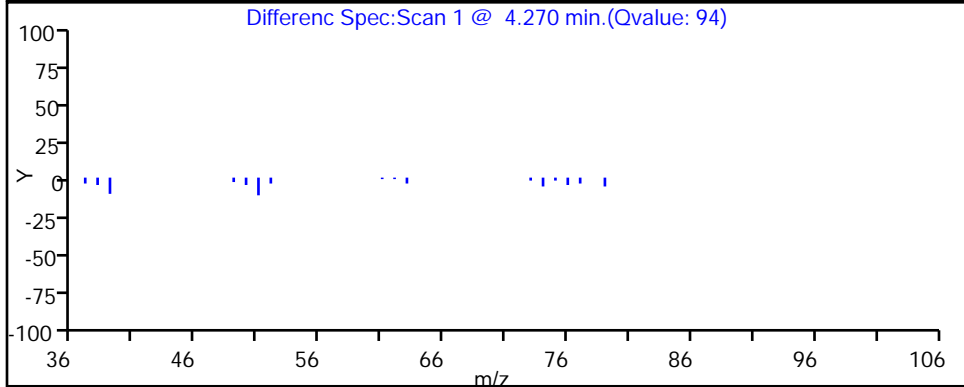
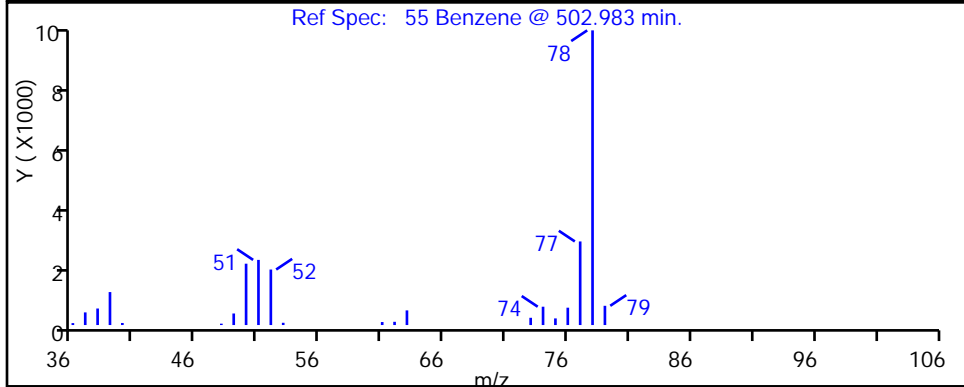
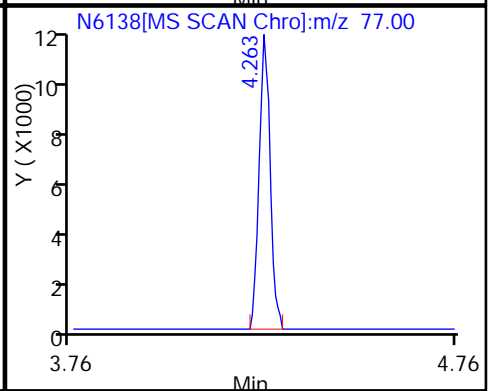
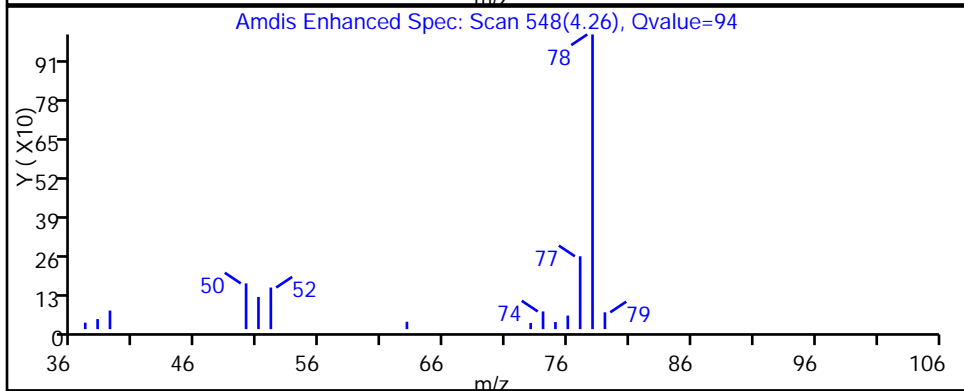
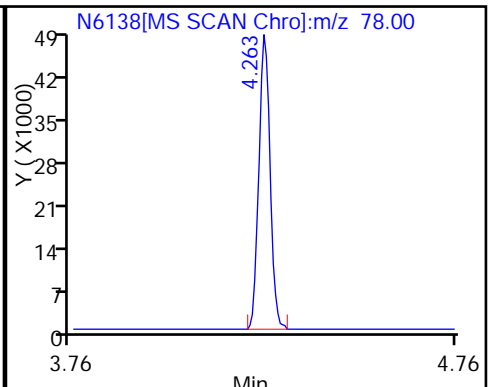
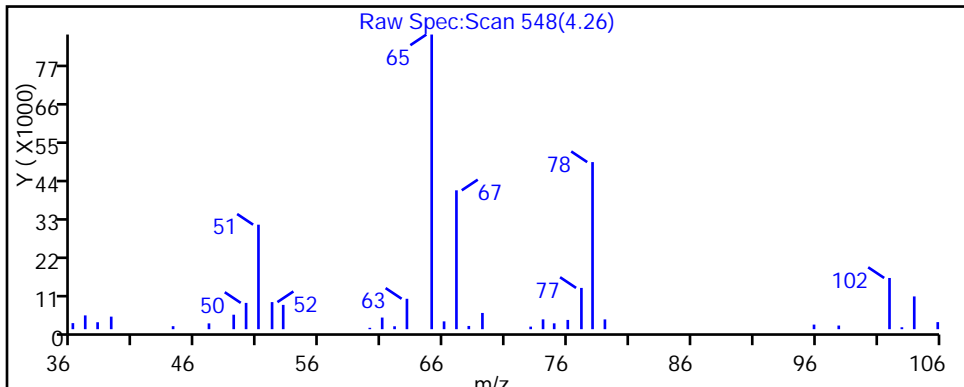
22 1,1-Dichloroethene



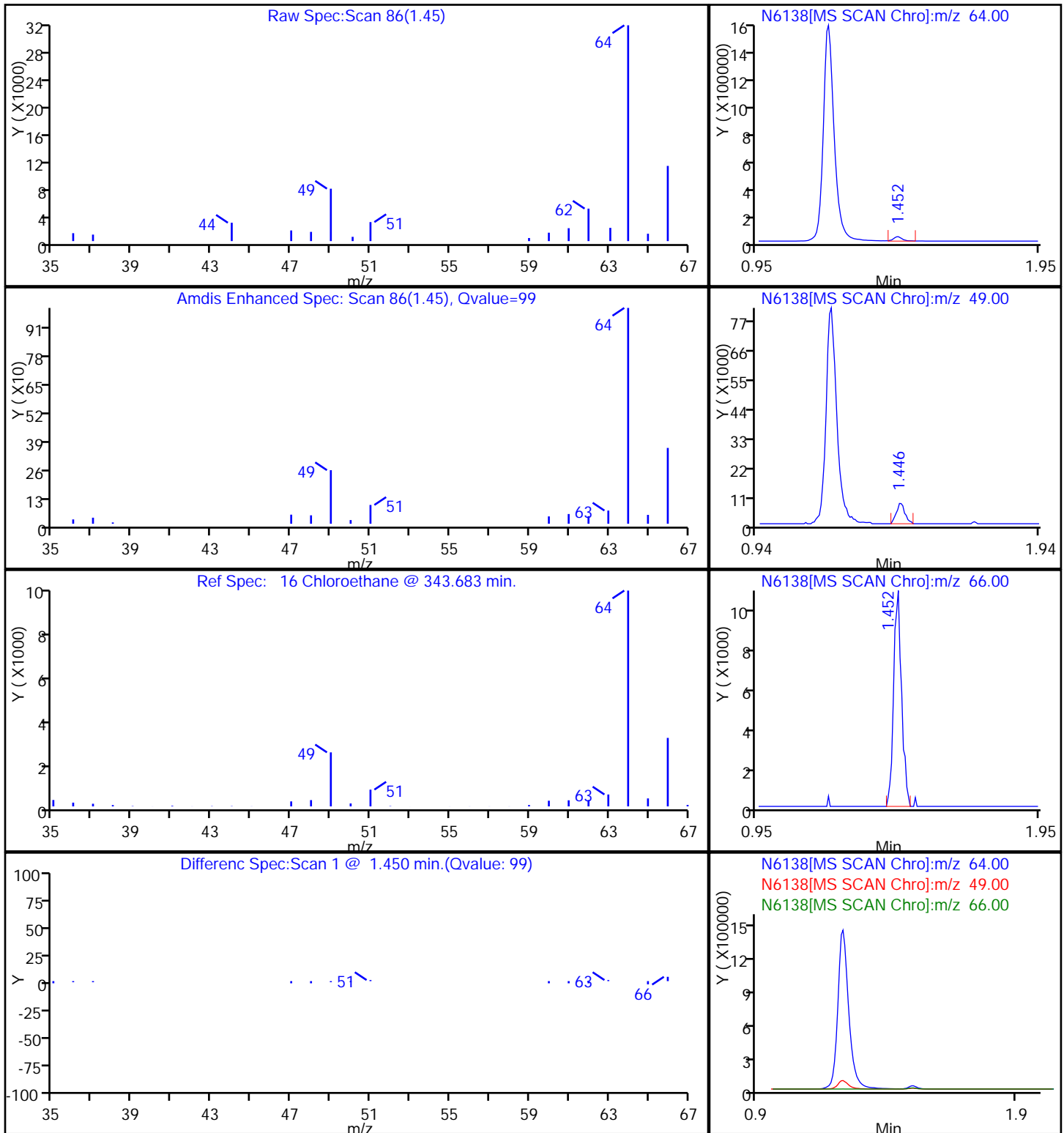
57 1,2-Dichloroethane



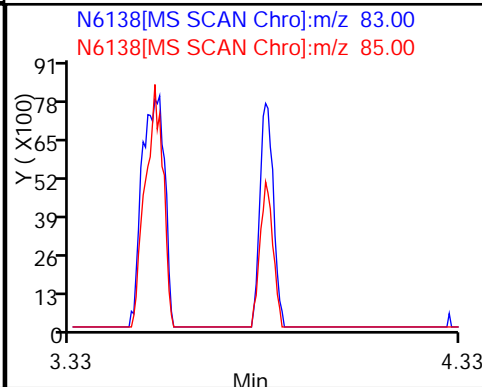
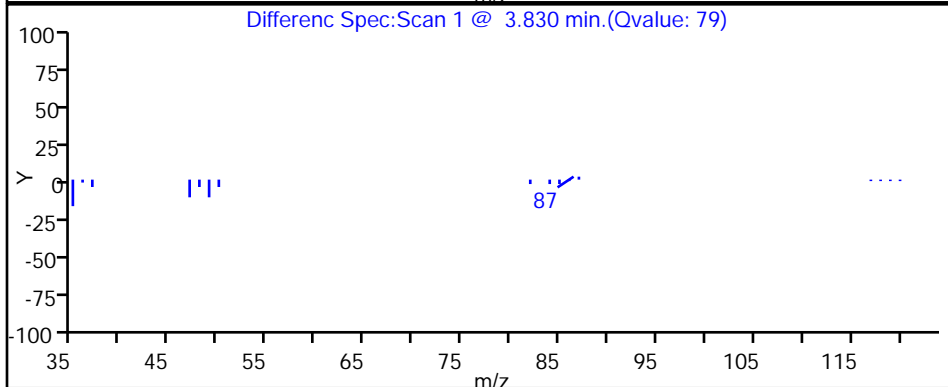
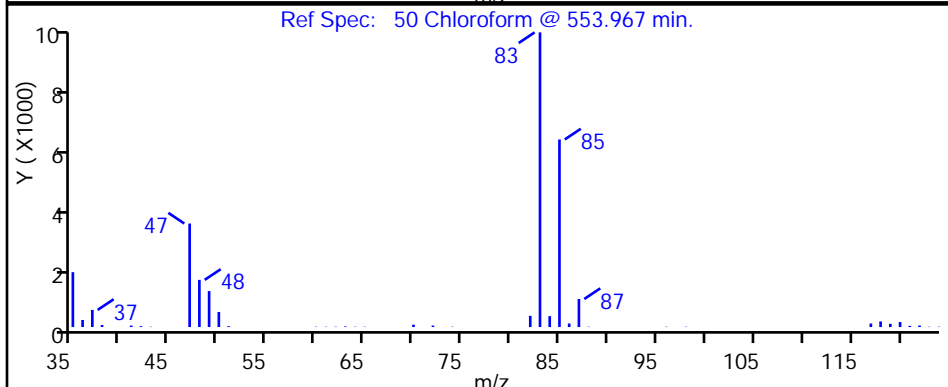
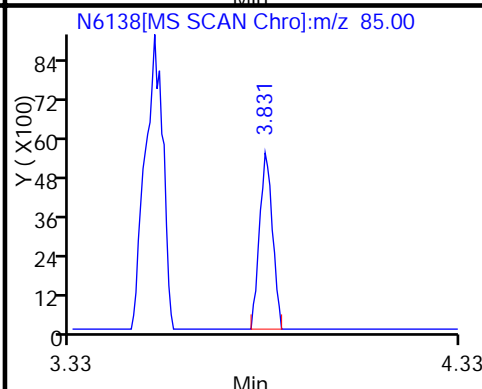
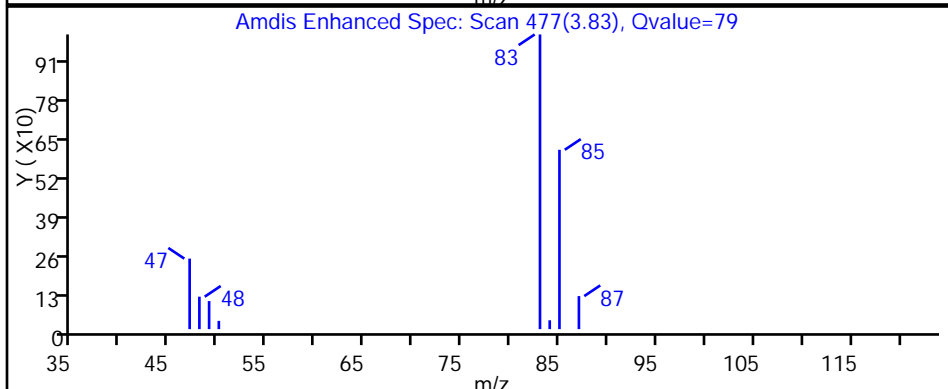
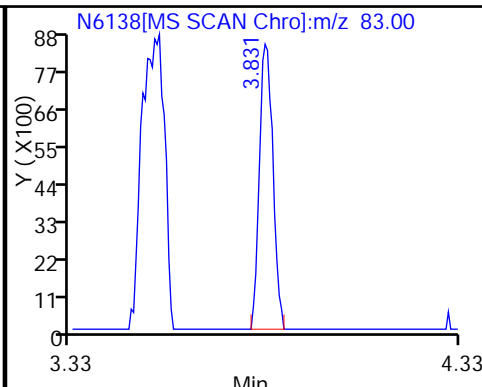
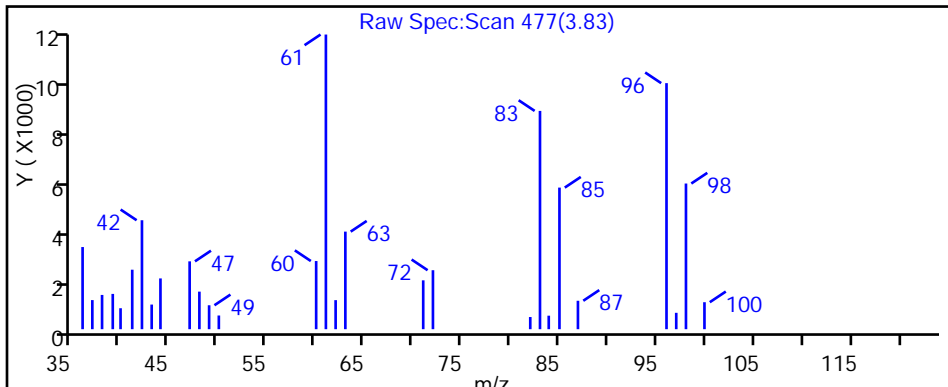
55 Benzene



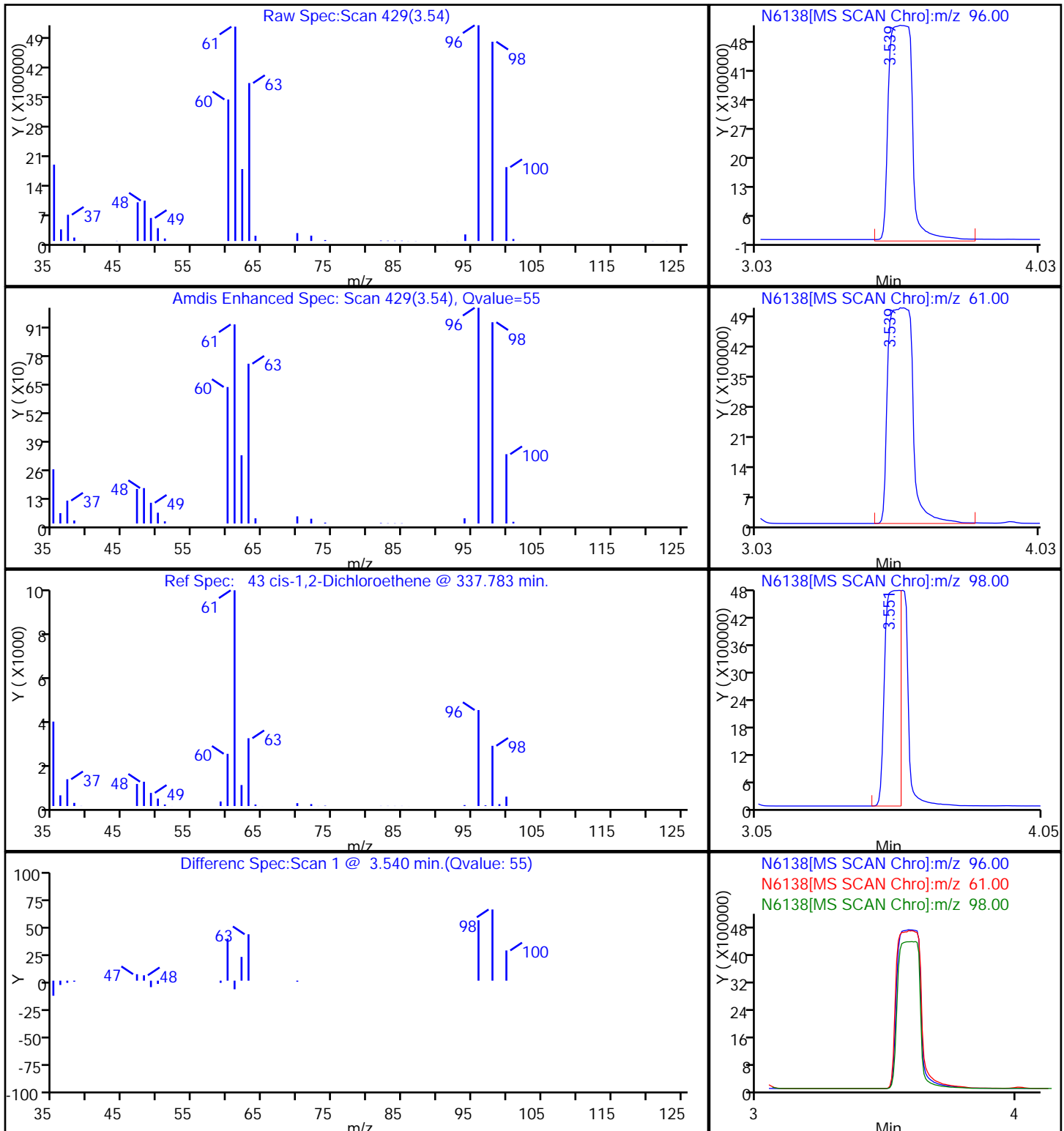
16 Chloroethane

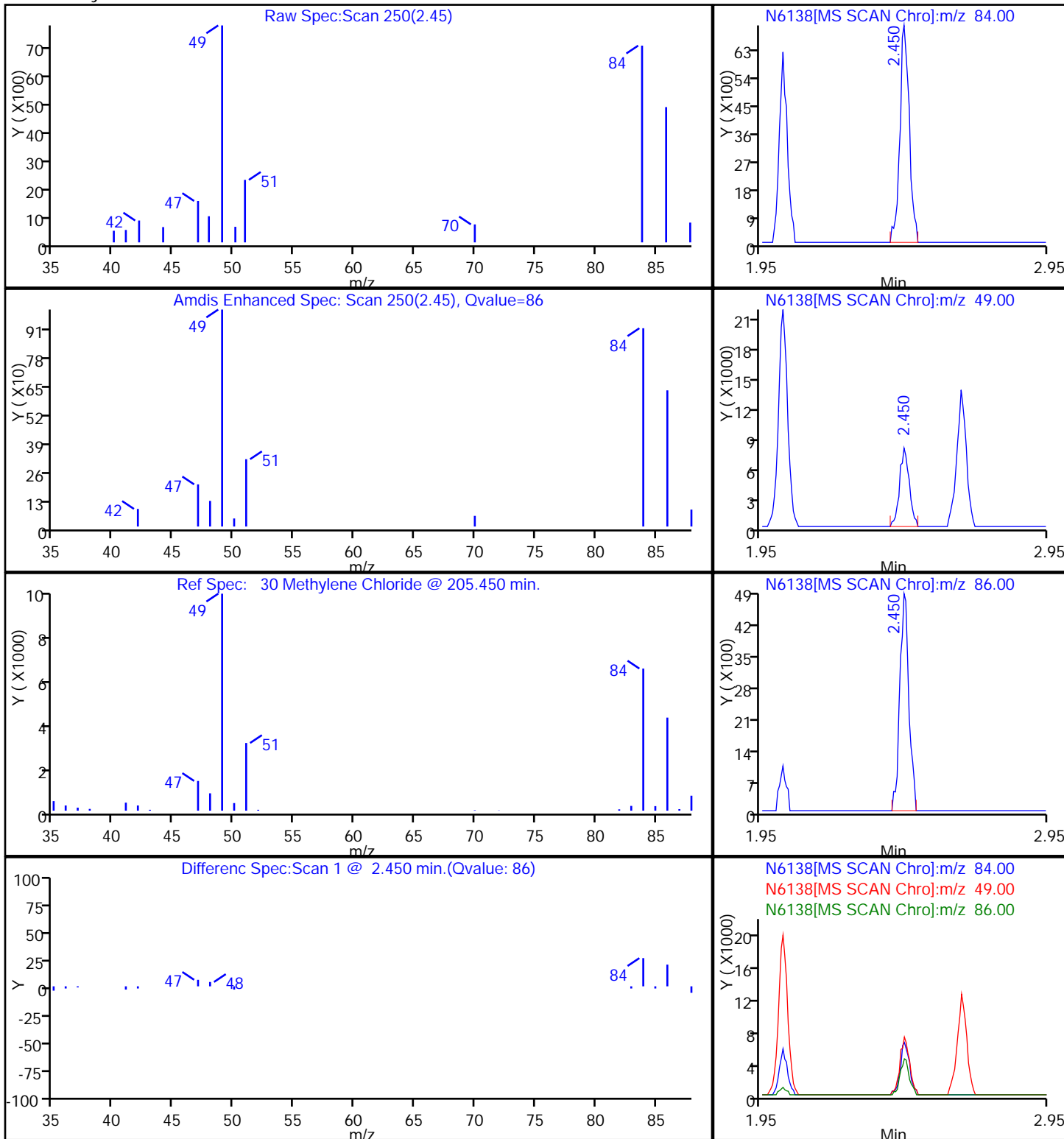


50 Chloroform

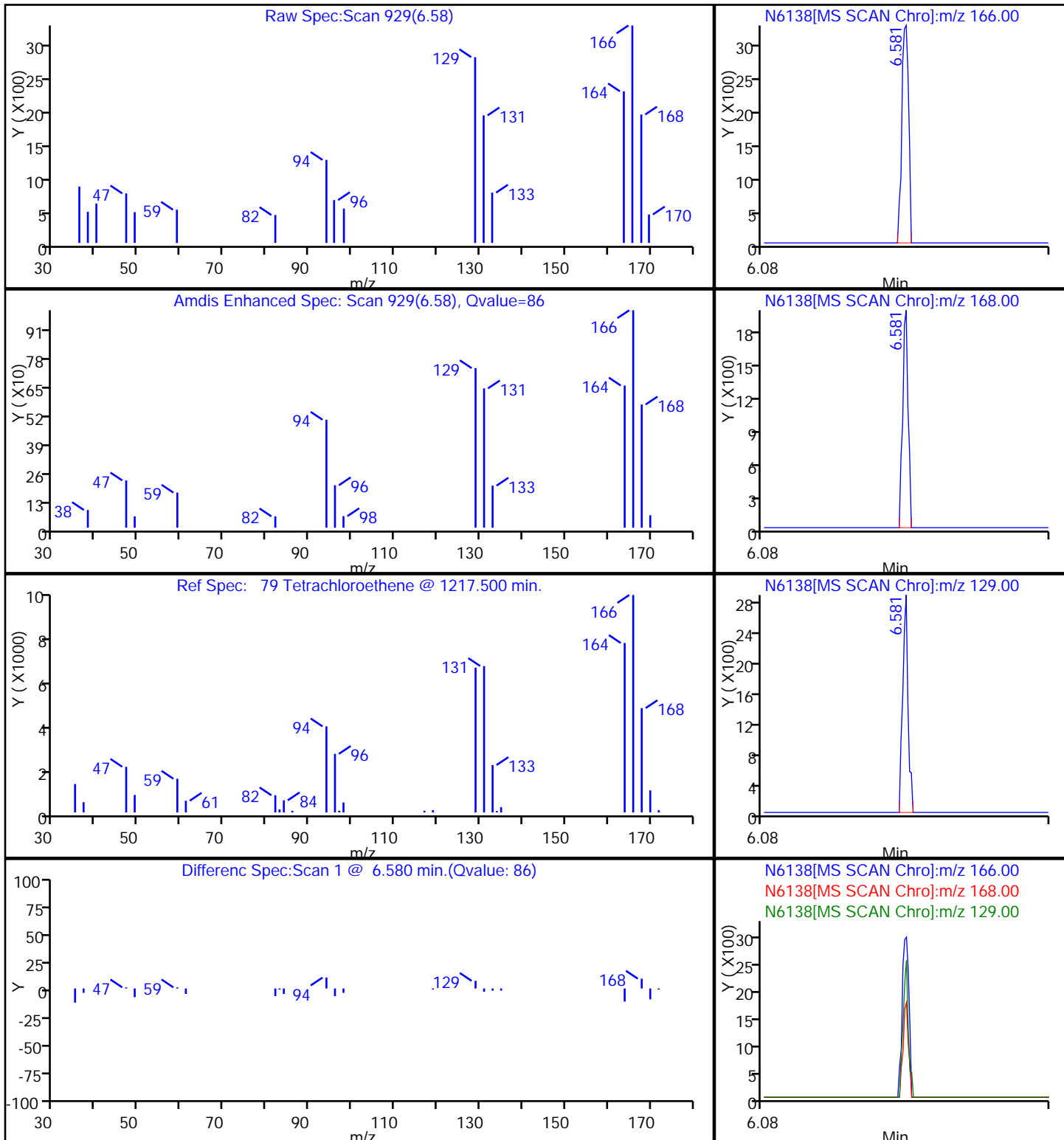


43 cis-1,2-Dichloroethene

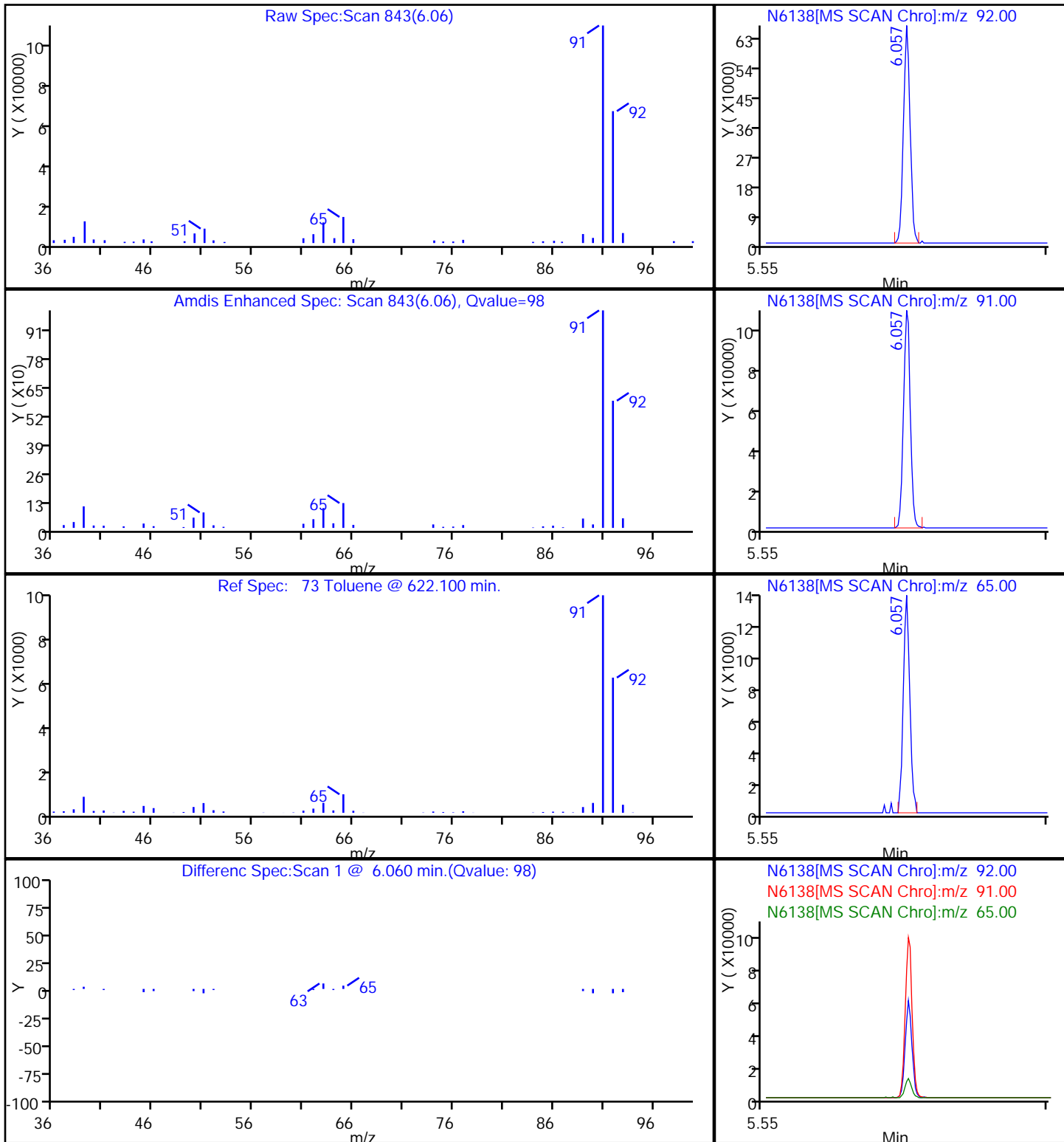




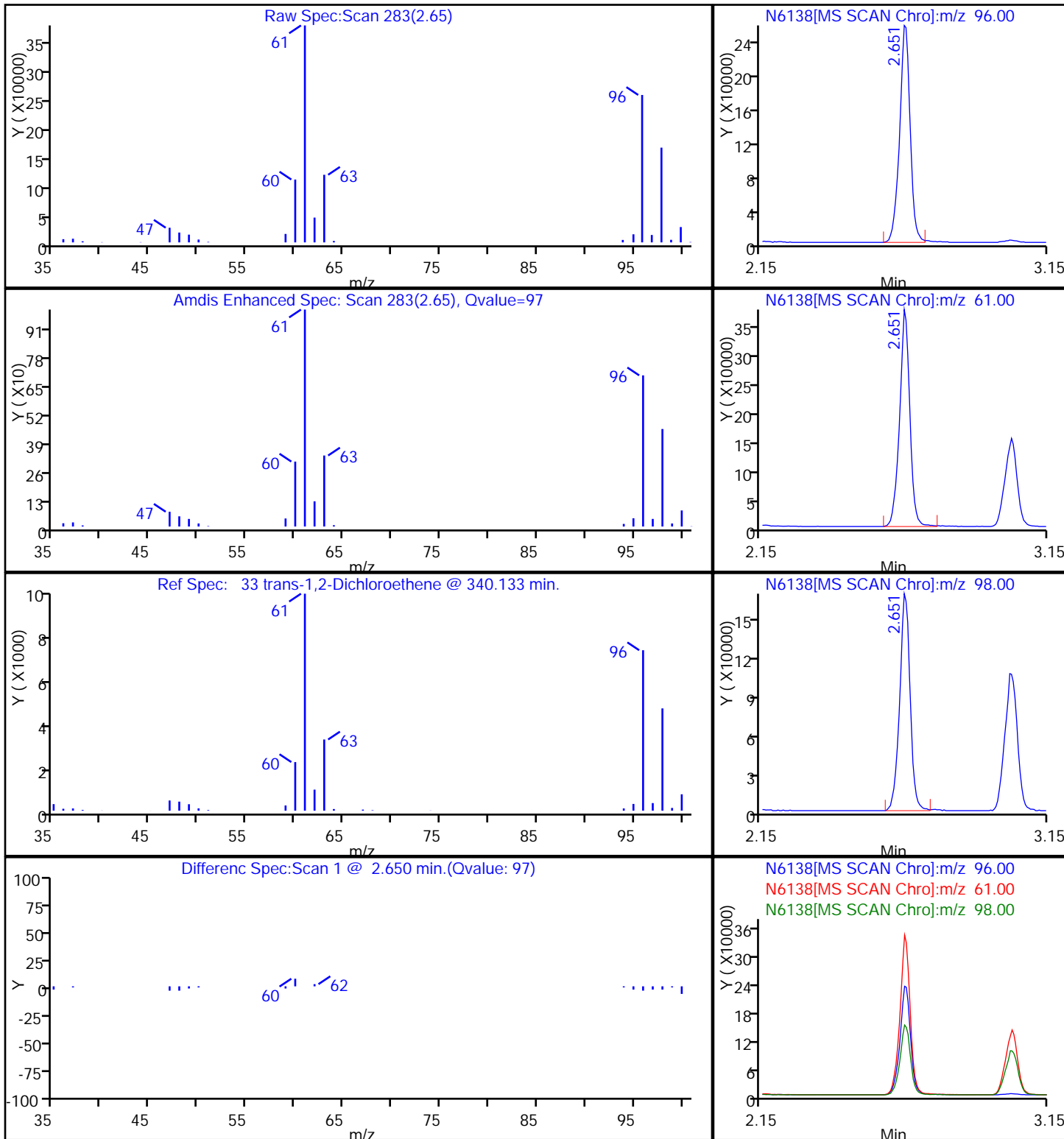
79 Tetrachloroethene



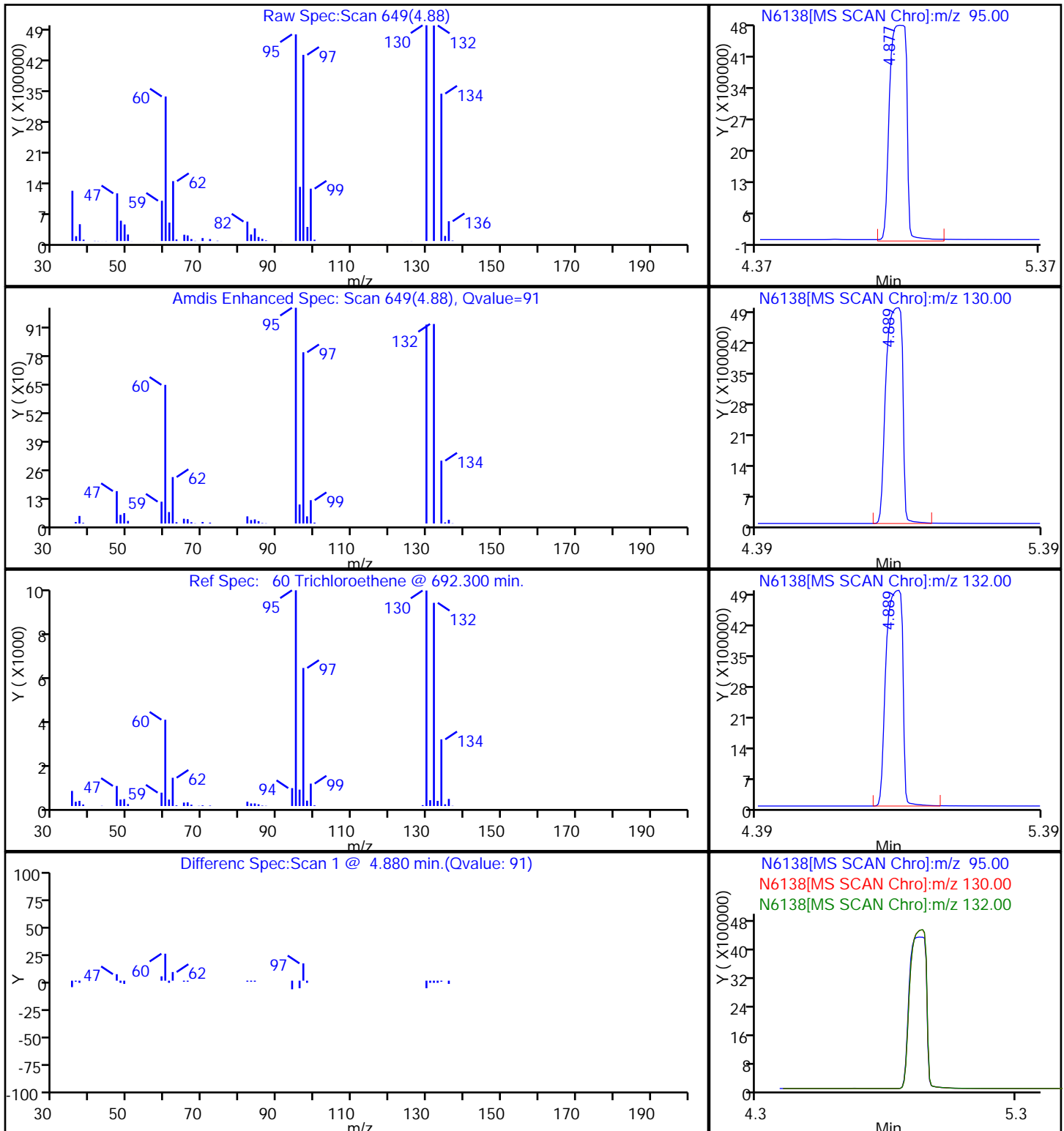
73 Toluene



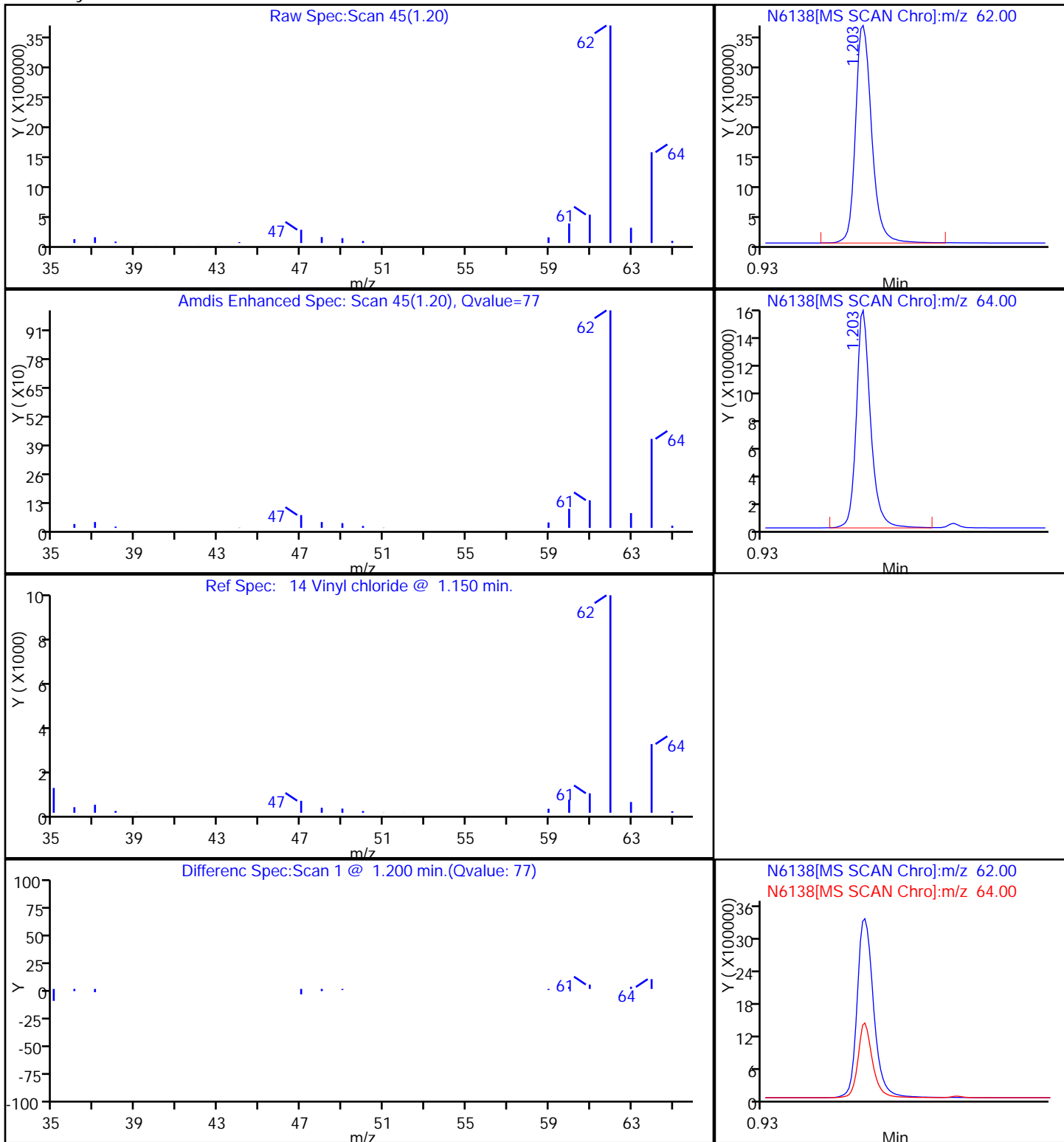
33 trans-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride

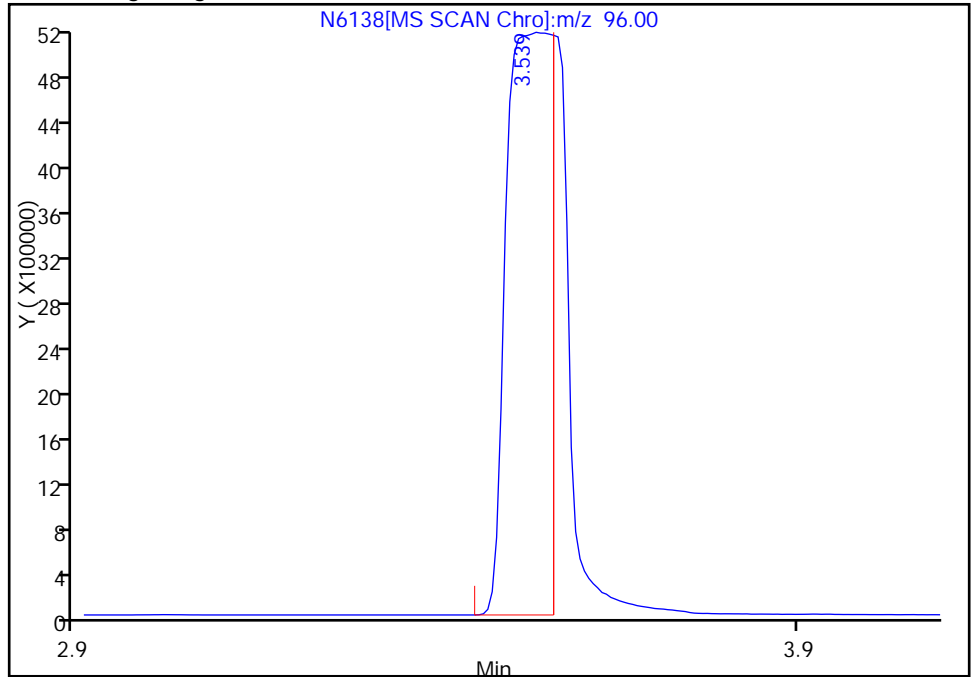


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Injection Date: 09-Apr-2011 16:46:30 Limit Group: MV - 8260B ICAL
Client ID: Duplicate Instrument ID: HP5973N
Lims Batch ID: 11387 Lims Sample ID: 12
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

43 cis-1,2-Dichloroethene, Signal: 1, m/z: 96.0 Type: quant, RT: 3.52

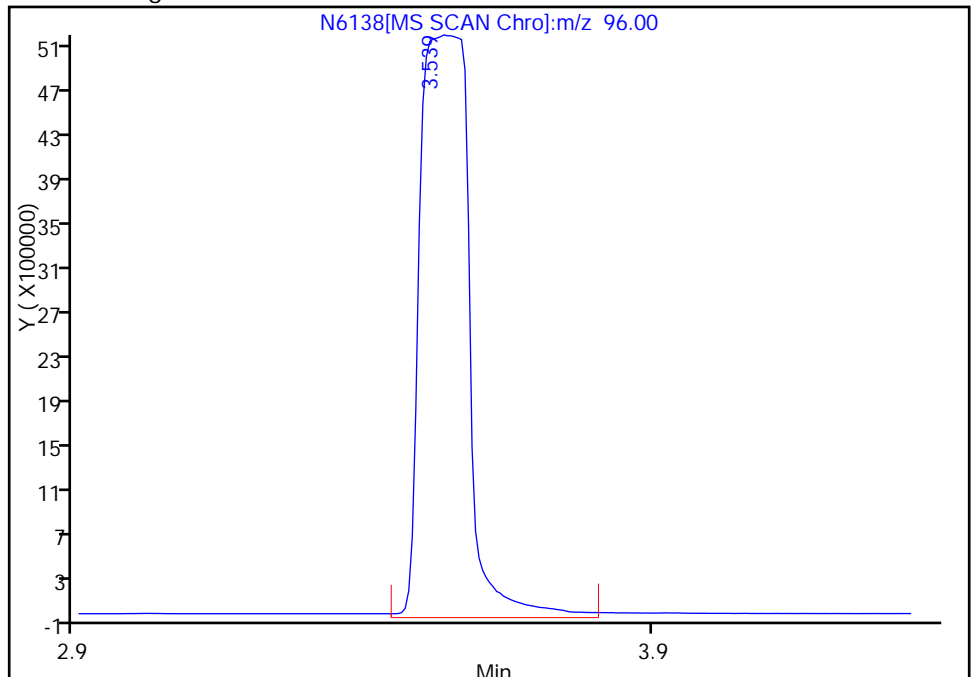
RT: 3.54
Response: 22505550
Amount: 3823.2943

Processing Integration Results



RT: 3.54
Response: 30264308
Amount: 5141.3698

Manual Integration Results



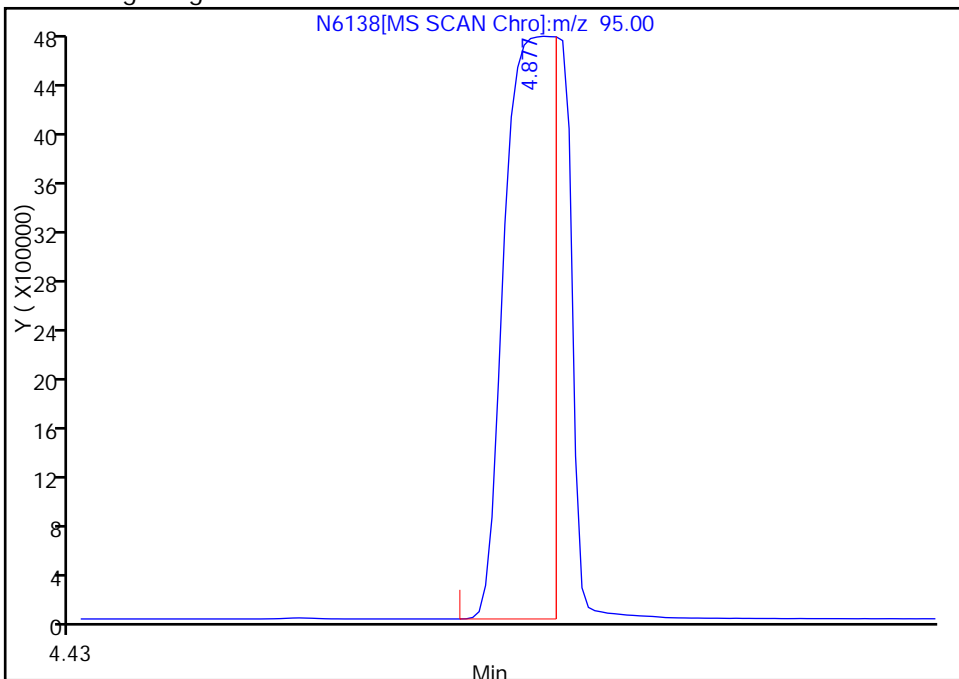
Reviewer: diasn, 10-Apr-2011 10:45:54
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: jonesr, Date: 10-Apr-2011 10:46:35

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6138.D
Injection Date: 09-Apr-2011 16:46:30 Limit Group: MV - 8260B ICAL
Client ID: Duplicate Instrument ID: HP5973N
Lims Batch ID: 11387 Lims Sample ID: 12
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

60 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 4.85

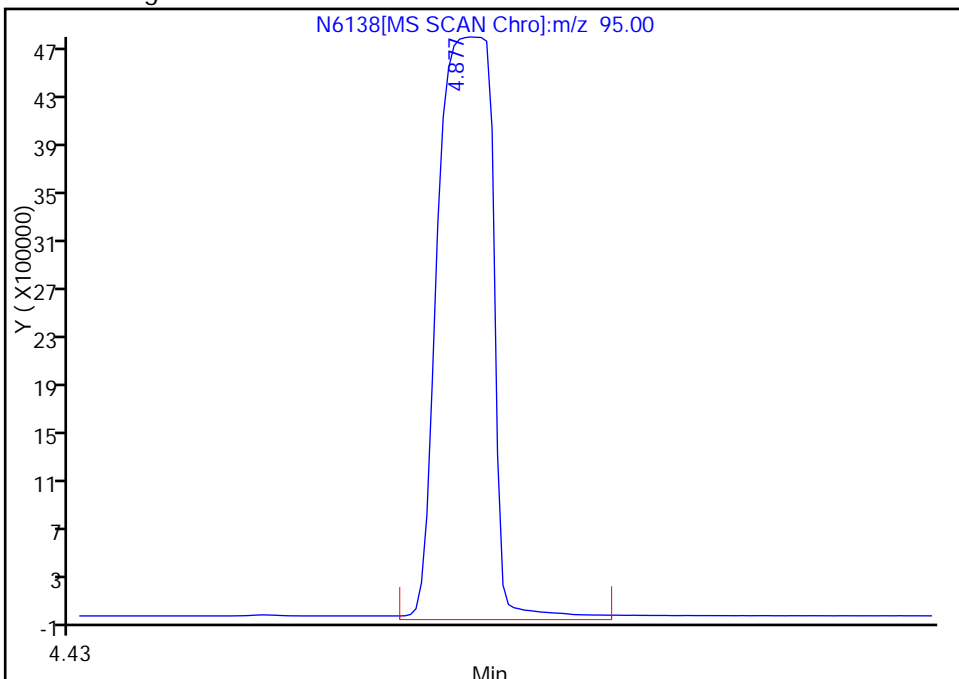
RT: 4.88
Response: 15843491
Amount: 2735.5458

Processing Integration Results



RT: 4.88
Response: 20252417
Amount: 3496.7934

Manual Integration Results



Reviewer: diasn, 10-Apr-2011 10:45:54
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: jonesr, Date: 10-Apr-2011 10:46:35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: Duplicate DL Lab Sample ID: 480-3471-1 DL
 Matrix: Water Lab File ID: C9843.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:50
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 15:41
 Soil Aliquot Vol: _____ Dilution Factor: 500
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		500	410
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	110
79-00-5	1,1,2-Trichloroethane	ND		500	120
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	160
75-34-3	1,1-Dichloroethane	640		500	190
75-35-4	1,1-Dichloroethene	270	J	500	150
120-82-1	1,2,4-Trichlorobenzene	ND		500	210
96-12-8	1,2-Dibromo-3-Chloropropane	ND		500	200
106-93-4	1,2-Dibromoethane	ND		500	370
95-50-1	1,2-Dichlorobenzene	ND		500	400
107-06-2	1,2-Dichloroethane	ND		500	110
78-87-5	1,2-Dichloropropane	ND		500	360
541-73-1	1,3-Dichlorobenzene	ND		500	390
106-46-7	1,4-Dichlorobenzene	ND		500	420
591-78-6	2-Hexanone	ND		2500	620
78-93-3	2-Butanone (MEK)	ND		5000	660
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2500	1100
67-64-1	Acetone	ND		5000	1500
71-43-2	Benzene	ND		500	210
75-27-4	Bromodichloromethane	ND		500	200
75-25-2	Bromoform	ND		500	130
74-83-9	Bromomethane	ND		500	350
75-15-0	Carbon disulfide	ND		500	95
56-23-5	Carbon tetrachloride	ND		500	140
108-90-7	Chlorobenzene	ND		500	380
124-48-1	Dibromochloromethane	ND		500	160
75-00-3	Chloroethane	ND		500	160
67-66-3	Chloroform	ND		500	170
74-87-3	Chloromethane	ND		500	180
156-59-2	cis-1,2-Dichloroethene	37000		500	410
10061-01-5	cis-1,3-Dichloropropene	ND		500	180
110-82-7	Cyclohexane	ND		500	90
75-71-8	Dichlorodifluoromethane	ND		500	340
100-41-4	Ethylbenzene	ND		500	370
98-82-8	Isopropylbenzene	ND		500	400

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: Duplicate DL Lab Sample ID: 480-3471-1 DL
 Matrix: Water Lab File ID: C9843.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:50
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 15:41
 Soil Aliquot Vol: _____ Dilution Factor: 500
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		500	250
1634-04-4	Methyl tert-butyl ether	ND		500	80
108-87-2	Methylcyclohexane	ND		500	80
75-09-2	Methylene Chloride	ND		500	220
100-42-5	Styrene	ND		500	370
127-18-4	Tetrachloroethene	ND		500	180
108-88-3	Toluene	ND		500	260
156-60-5	trans-1,2-Dichloroethene	ND		500	450
10061-02-6	trans-1,3-Dichloropropene	ND		500	190
79-01-6	Trichloroethene	12000		500	230
75-69-4	Trichlorofluoromethane	ND		500	440
75-01-4	Vinyl chloride	3700		500	450
1330-20-7	Xylenes, Total	ND		1000	330

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		66-137
2037-26-5	Toluene-d8 (Surr)	93		71-126
460-00-4	4-Bromofluorobenzene (Surr)	83		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9843.D
 Lims ID: 480-3471-B-1 Client ID: Duplicate
 Inject. Date: 12-Apr-2011 15:41:30 Dil. Factor: 500.0000
 Sample Type: Client
 Sample ID: 480-3471-B-1
 Misc. Info.: 480-0002205-013
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 36
 Lims Batch ID: 11663 Lims Sample ID: 13
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 11:52:12 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 17:55:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	557053	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	304450	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	290371	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	107941	24.1	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	595427	23.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	178554	20.7	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.114	5.114	0.0	98	68320	7.35	
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96	6.857	6.858	-0.001	70	3612	0.5437	
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63	8.020	8.020	0.0	95	16682	1.29	
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	83	606221	74.0	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95	9.715	9.716	-0.001	97	186450	24.5	
64 Methylcyclohexane	83		9.870					

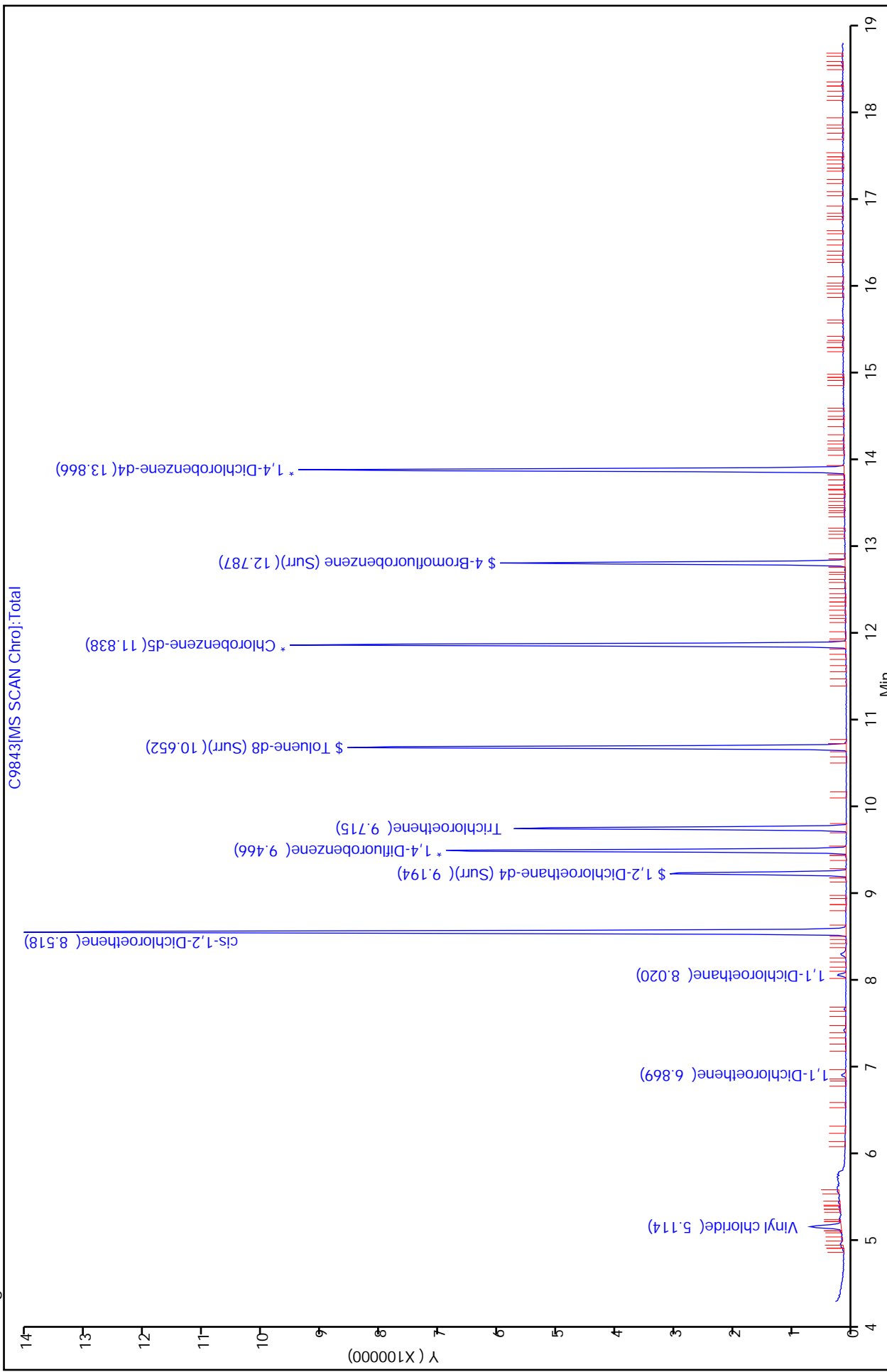
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

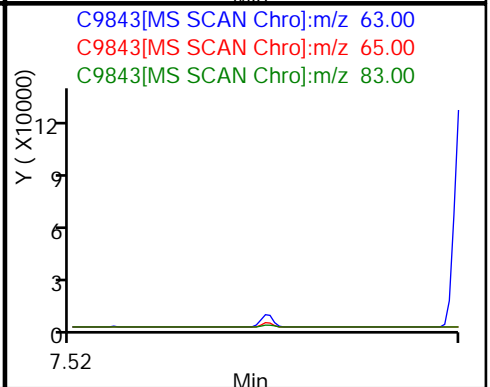
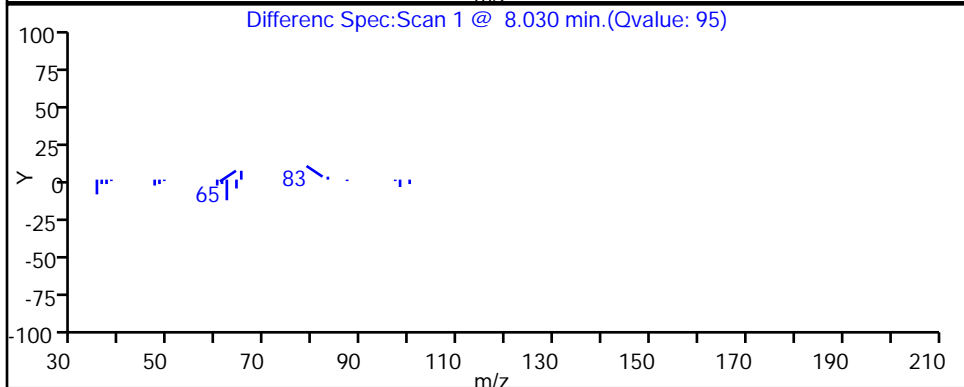
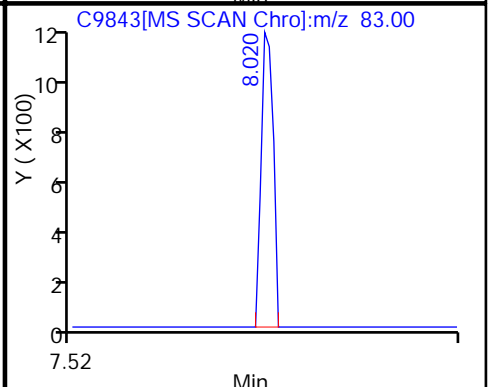
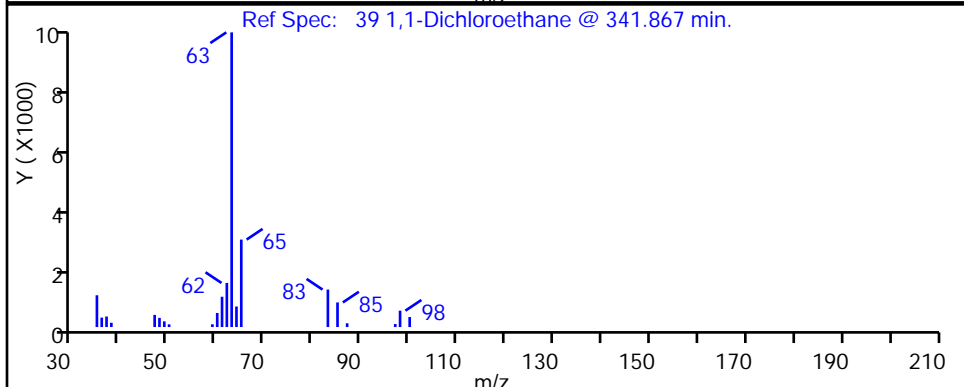
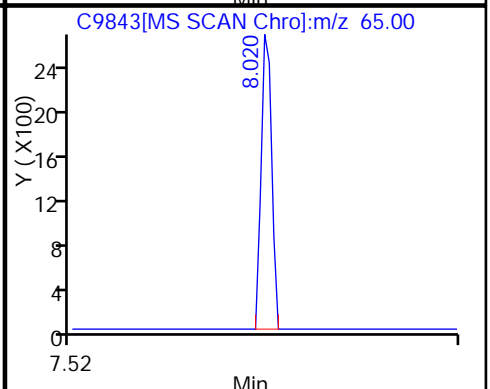
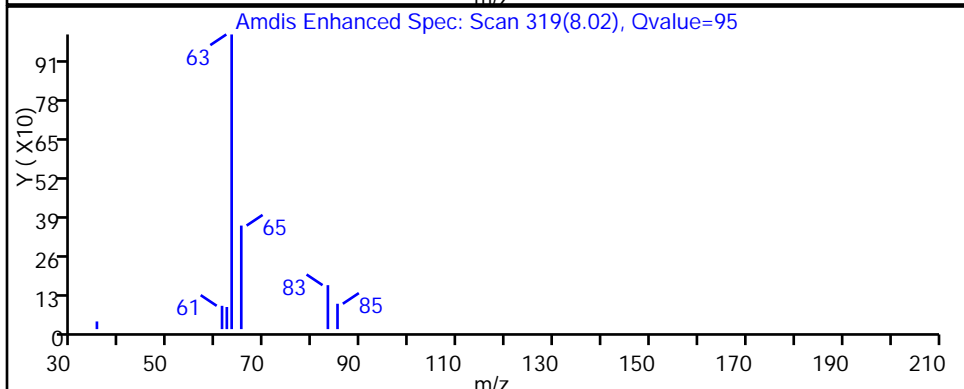
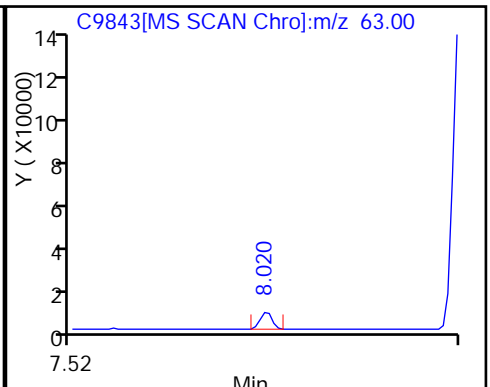
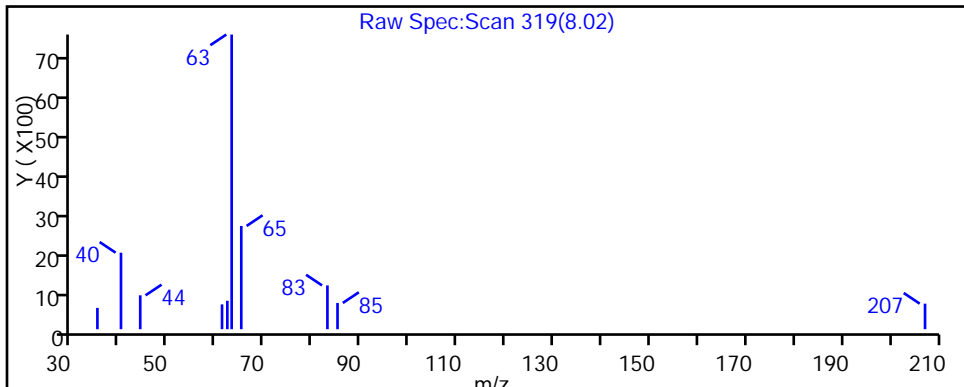
Processing Flags

7 - Failed Limit of Detection

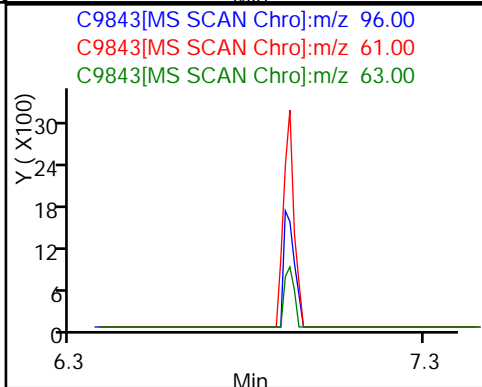
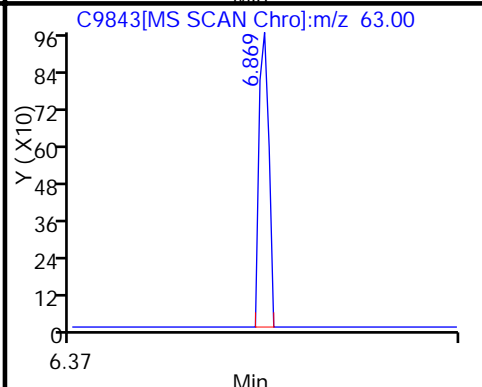
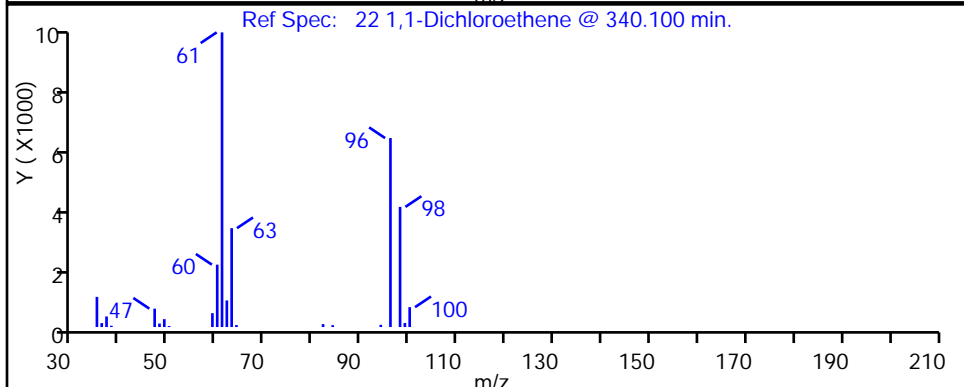
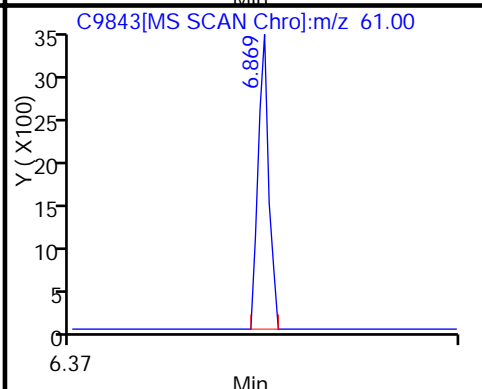
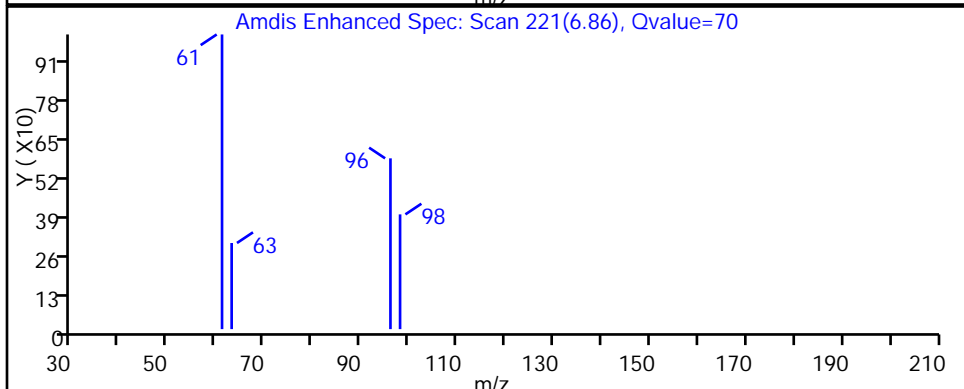
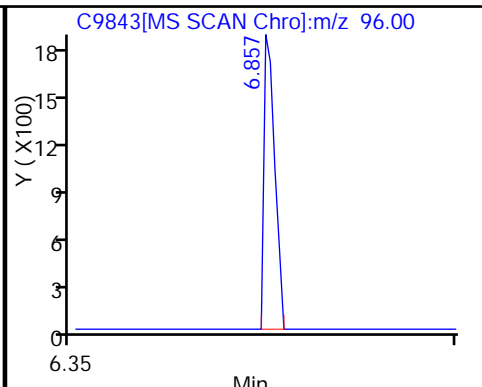
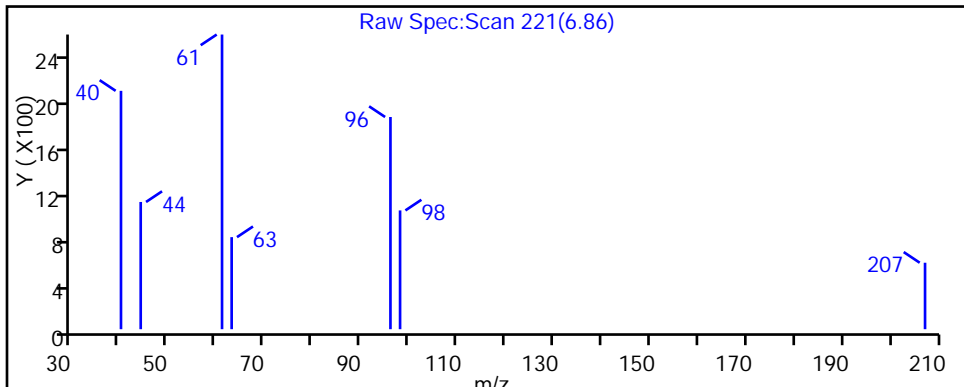
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 Injection Date: 12-Apr-2011 15:41:30
 Client ID: Duplicate
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 13



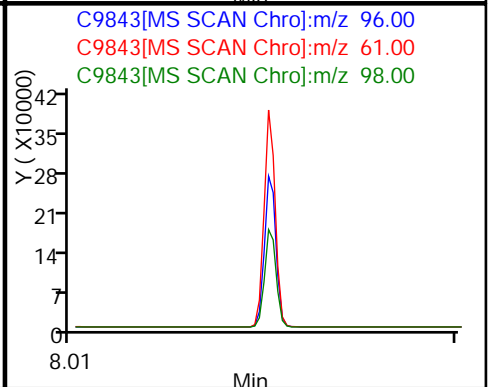
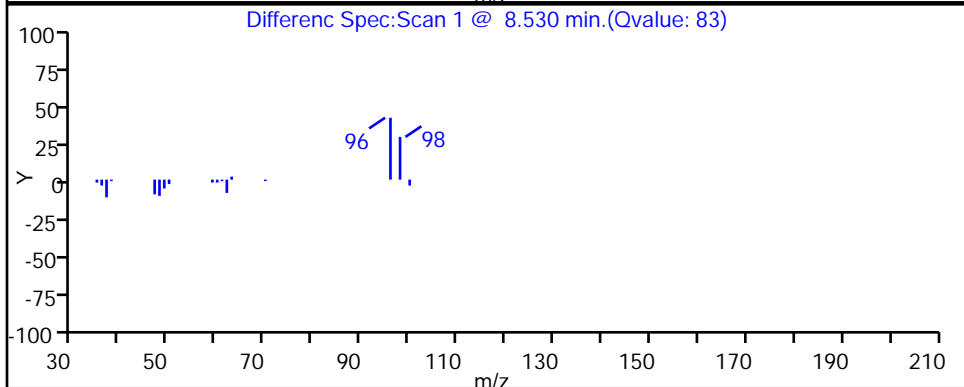
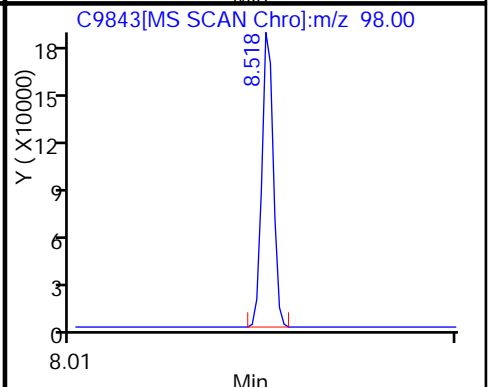
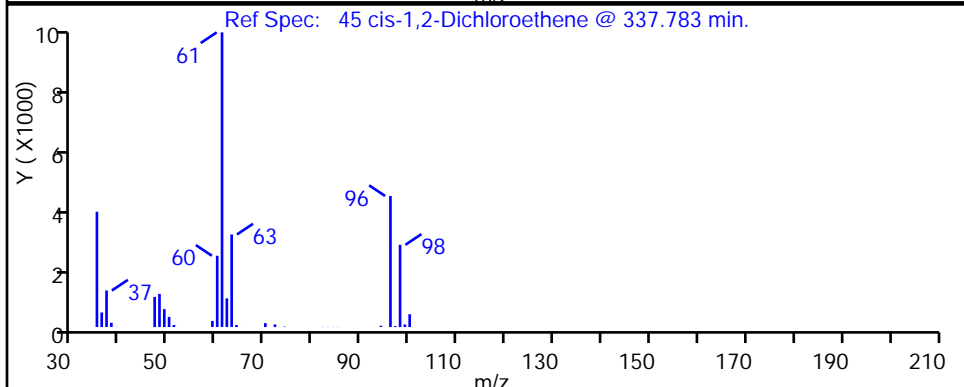
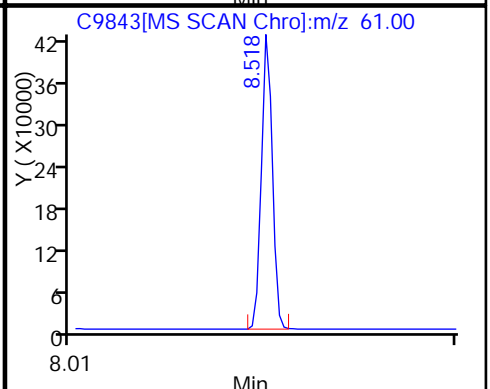
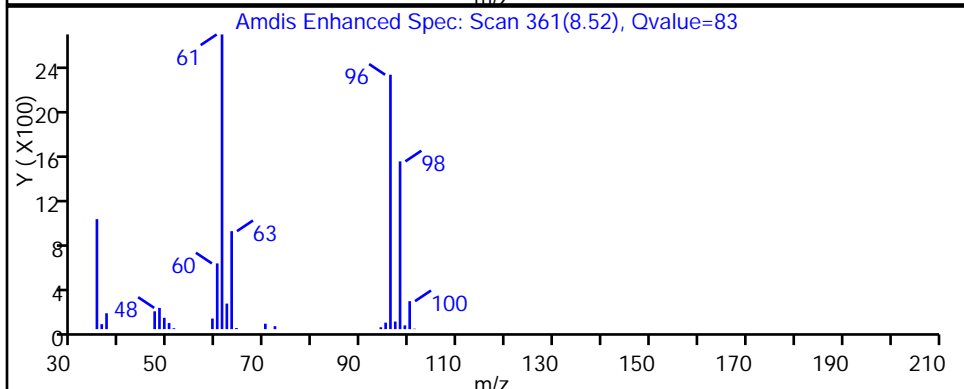
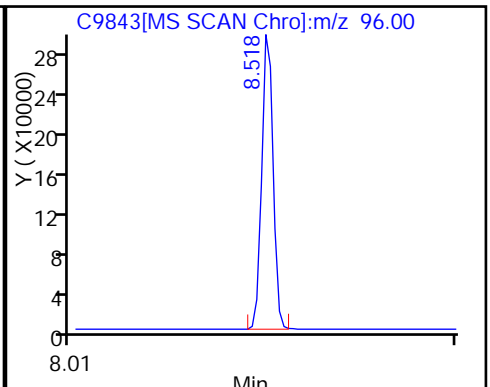
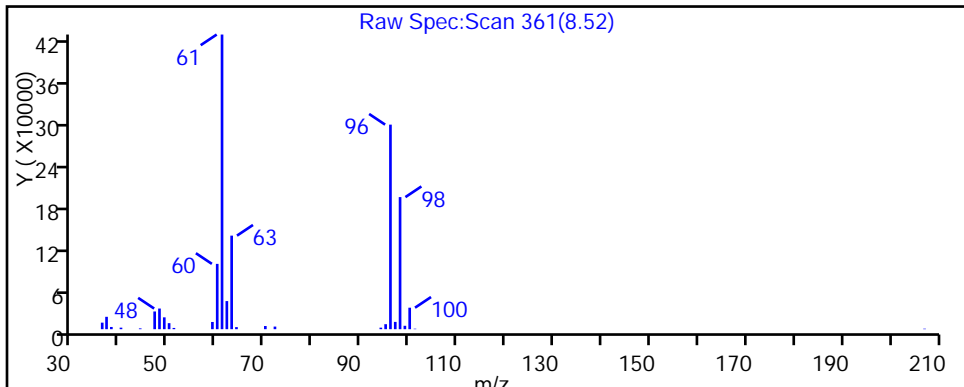
39 1,1-Dichloroethane



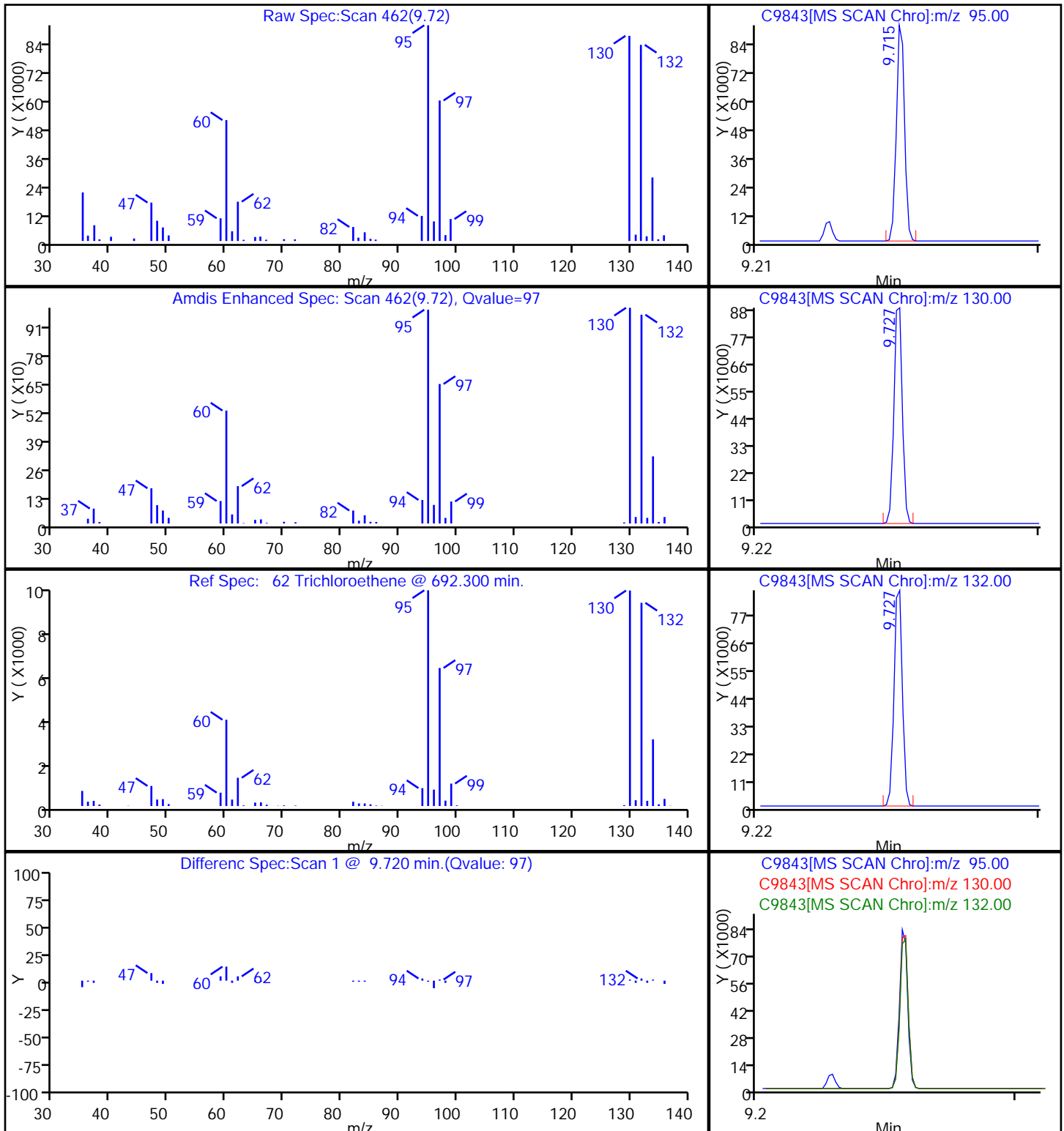
22 1,1-Dichloroethene



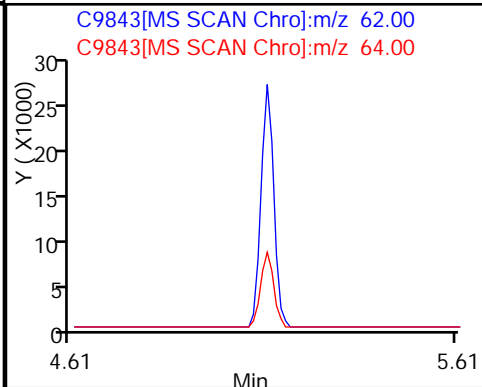
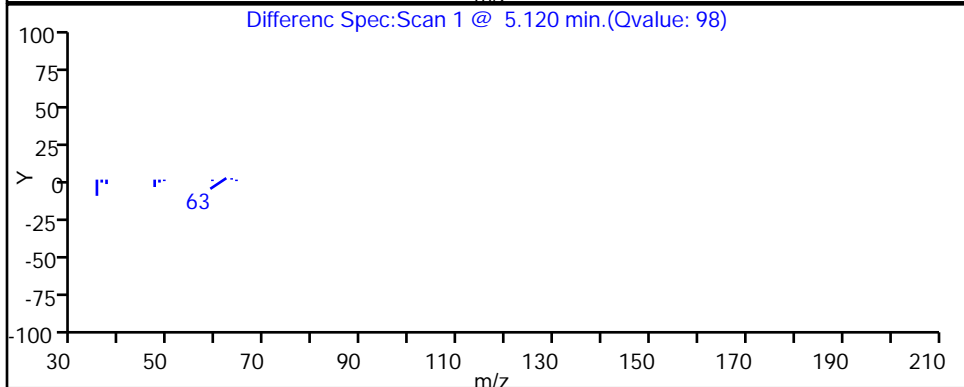
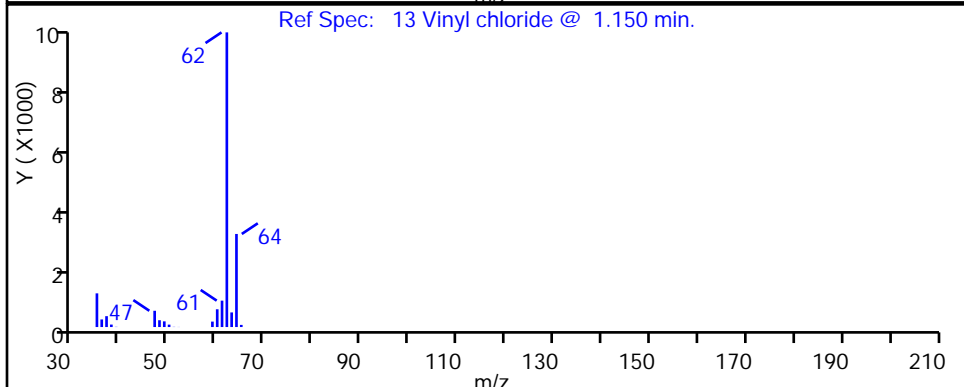
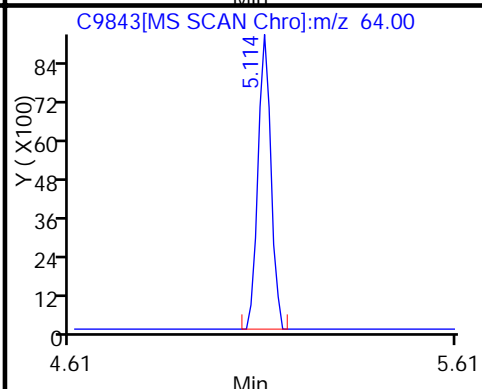
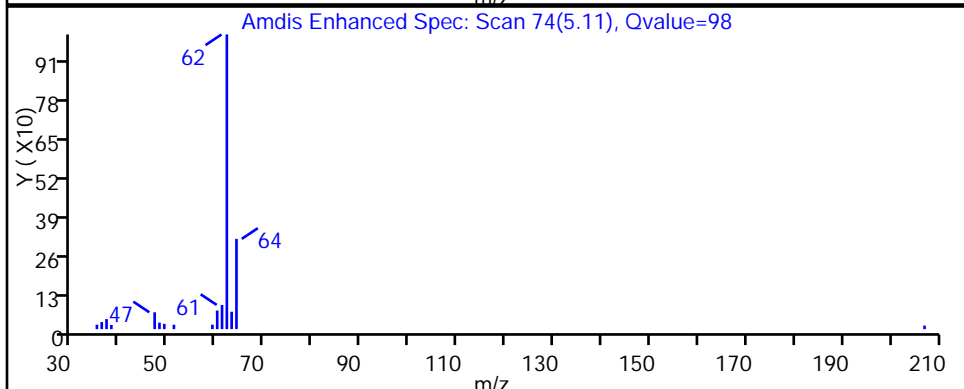
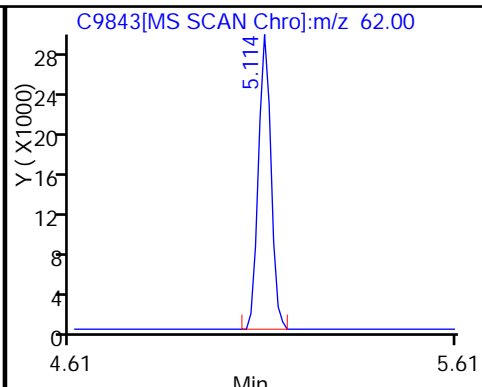
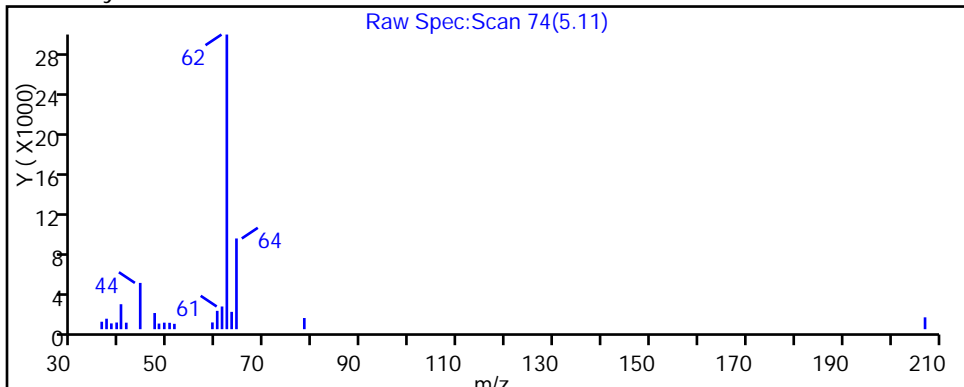
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-3471-2
 Matrix: Ground Water Lab File ID: N6171.D
 Analysis Method: 8260B Date Collected: 04/04/2011 15:10
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 18:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 480-3471-2
 Matrix: Ground Water Lab File ID: N6171.D
 Analysis Method: 8260B Date Collected: 04/04/2011 15:10
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 18:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6171.D
 Lims ID: 480-3471-A-2 Client ID: MW-10
 Inject. Date: 10-Apr-2011 18:34:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-2
 Misc. Info.: 480-0002160-015
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 15
 Lims Batch ID: 11454 Lims Sample ID: 15
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 10-Apr-2011 20:51:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	446475	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	402083	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	209674	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	176599	30.0	
\$ 6 Toluene-d8 (Surr)	98	5.990	5.991	-0.001	80	490722	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.685	8.686	-0.001	95	159419	25.5	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63		3.004					
43 cis-1,2-Dichloroethene	96		3.521					
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.975					

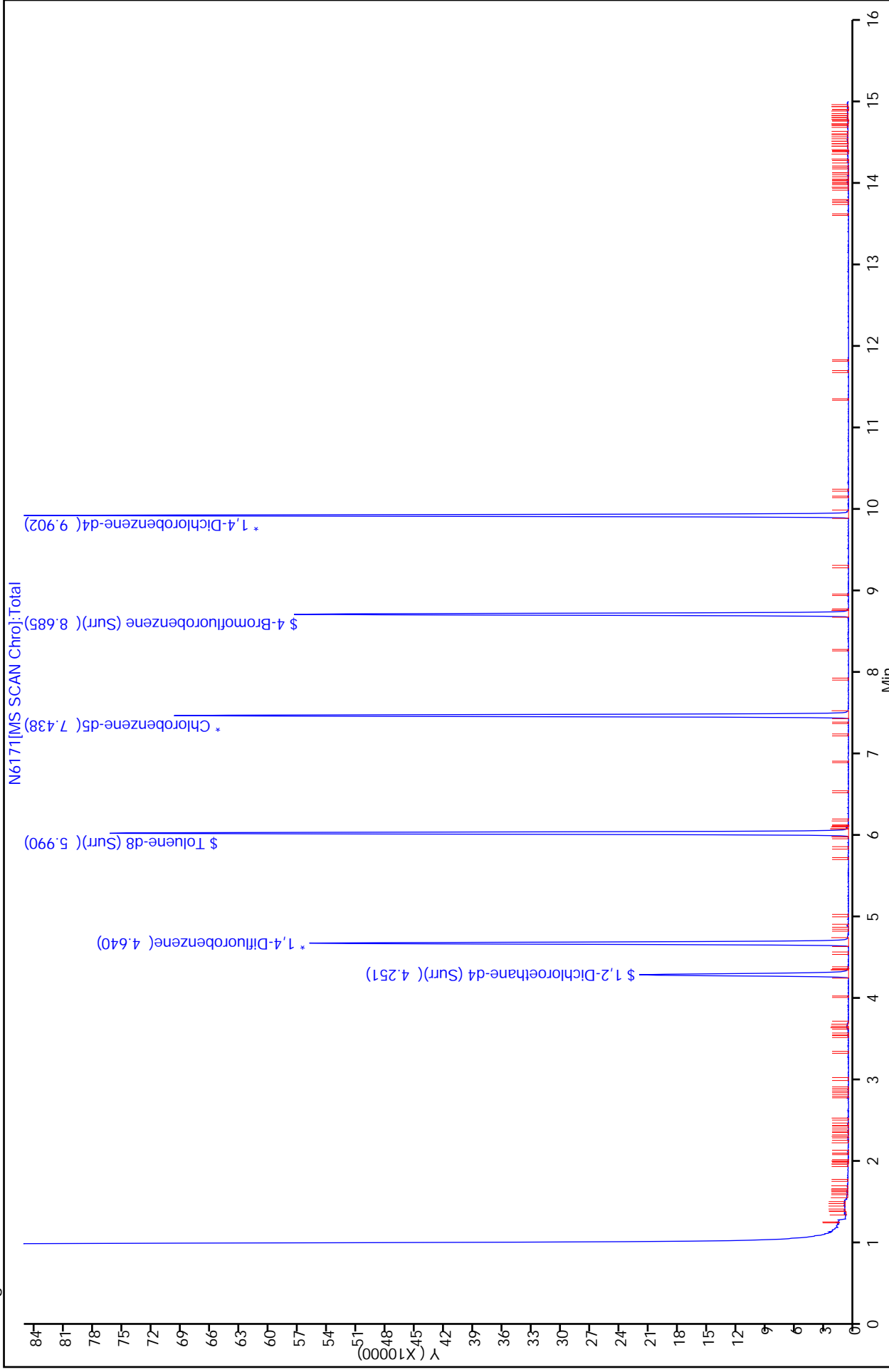
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 10-Apr-2011 20:51:59
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6171.D
 Injection Date: 10-Apr-2011 18:34:30
 Client ID: MW-10
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 15



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-3471-3
 Matrix: Ground Water Lab File ID: N6172.D
 Analysis Method: 8260B Date Collected: 04/05/2011 09:55
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 18:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	4.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	12		1.0	0.38
75-35-4	1,1-Dichloroethene	2.4		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	20		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	64		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 480-3471-3
 Matrix: Ground Water Lab File ID: N6172.D
 Analysis Method: 8260B Date Collected: 04/05/2011 09:55
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 18:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	1.2		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	14		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6172.D
 Lims ID: 480-3471-A-3 Client ID: MW-11
 Inject. Date: 10-Apr-2011 18:56:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-3
 Misc. Info.: 480-0002160-016
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 16
 Lims Batch ID: 11454 Lims Sample ID: 16
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: Hilll

Date: 10-Apr-2011 20:52:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	440390	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	396513	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	203291	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	176516	30.4	
\$ 6 Toluene-d8 (Surr)	98	5.990	5.991	-0.001	80	485570	25.1	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.685	8.686	-0.001	86	161201	26.2	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.172	1.172	0.0	81	54924	13.8	
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.428	1.428	0.0	99	42427	19.9	
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96	1.994	2.012	-0.018	98	10927	2.39	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96	2.626	2.626	0.0	84	2088	0.4422	
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	2.997	3.004	-0.007	82	108578	12.3	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	66	333612	64.4	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	96	25937	4.65	
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.853	4.853	0.0	88	6202	1.22	
62 Methylcyclohexane	83		4.975					

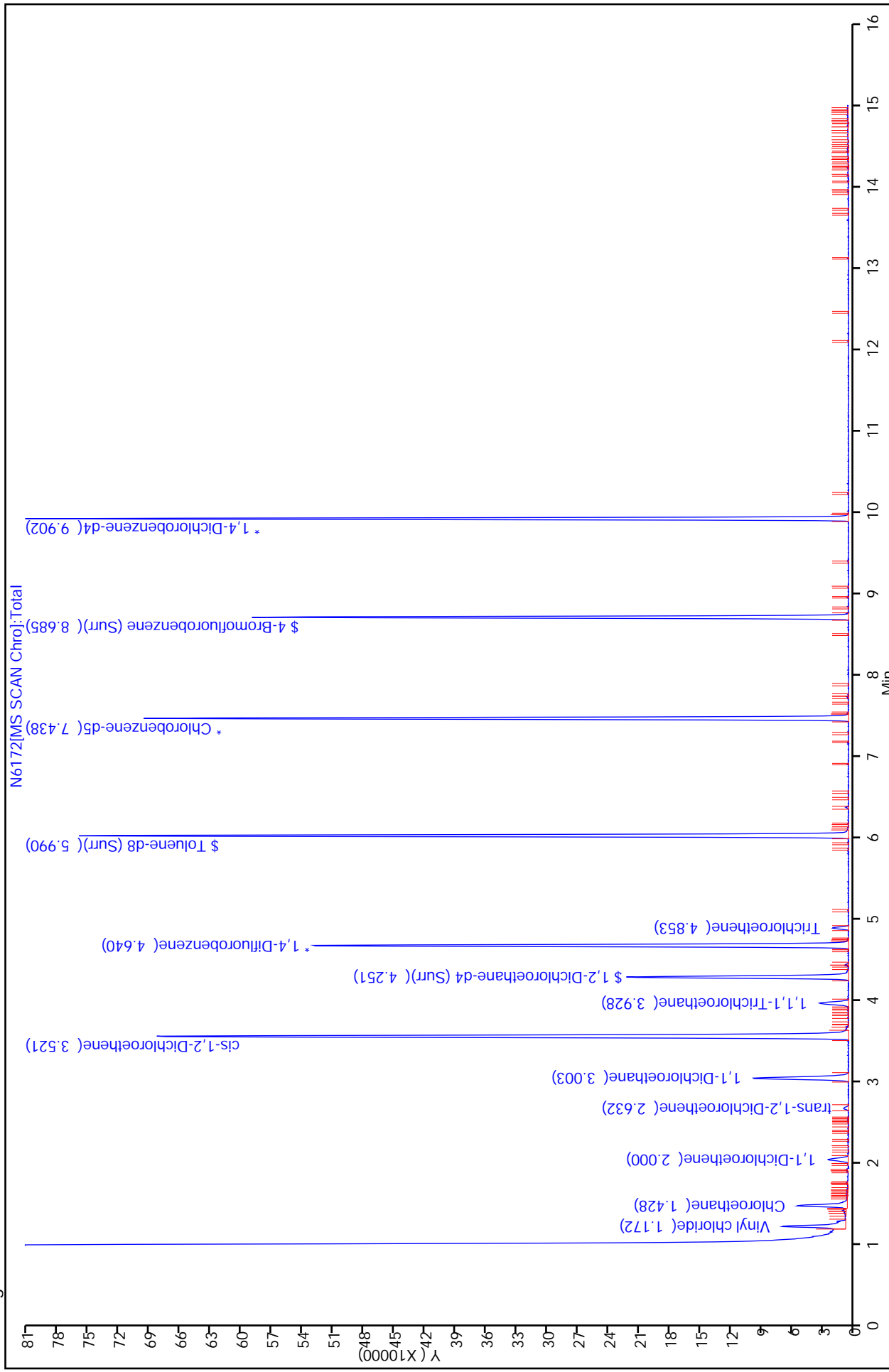
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

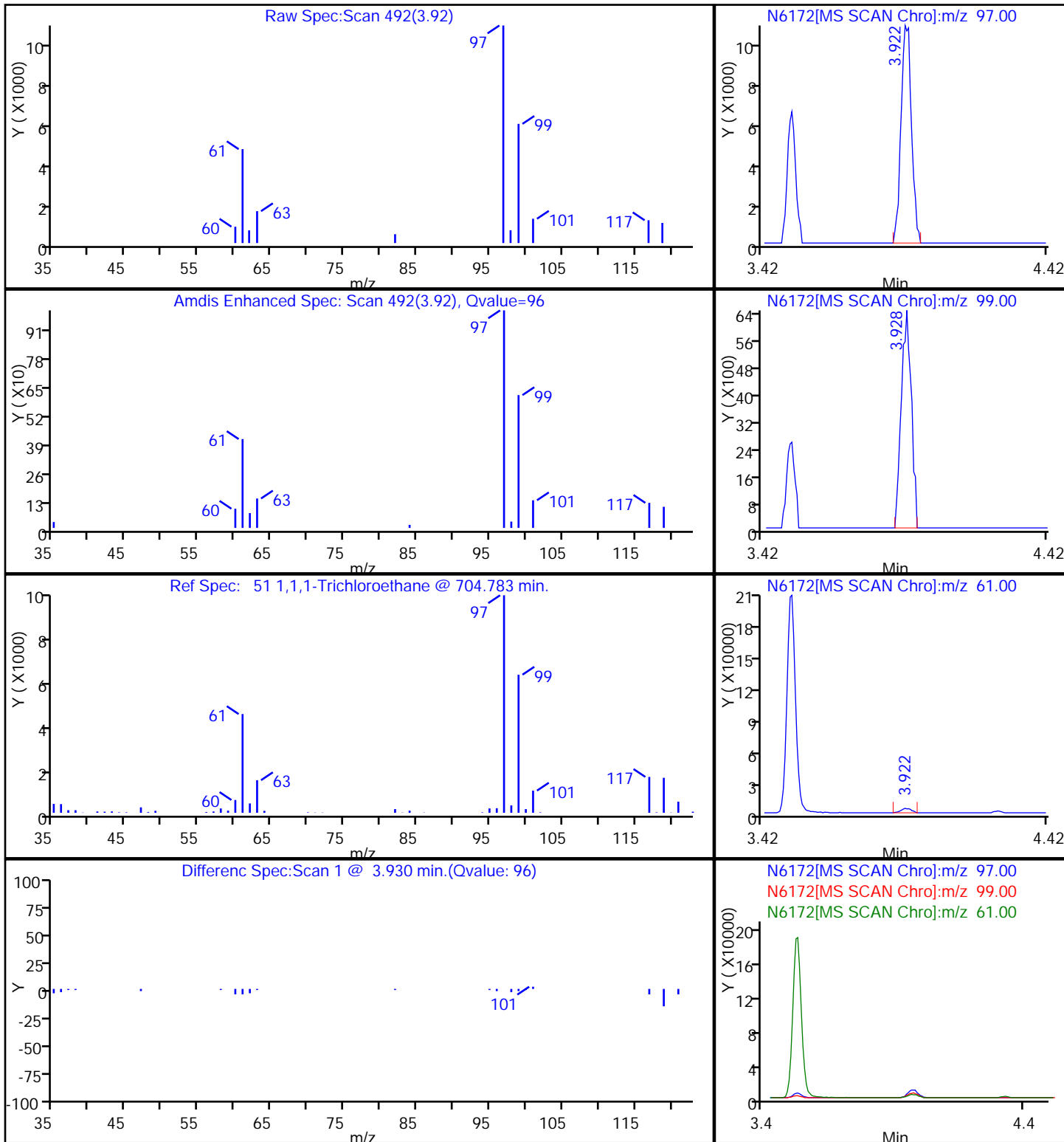
Processing Flags

7 - Failed Limit of Detection

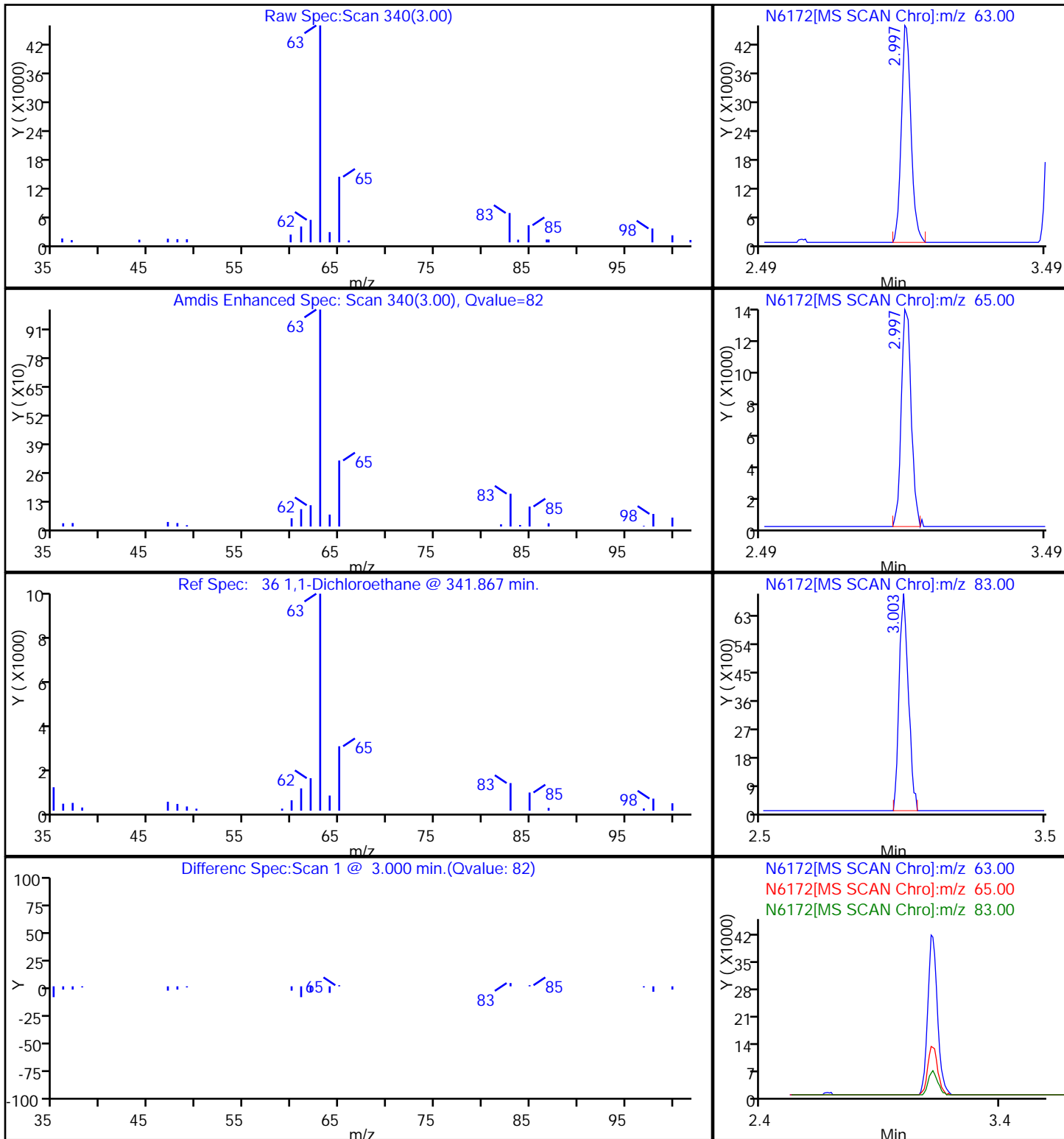
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 Data File: \\Bfchrom\ChromData\HP5973N\20110410-2160.b\N6172.D
 Injection Date: 10-Apr-2011 18:56:30
 Client ID: MW-11
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 16



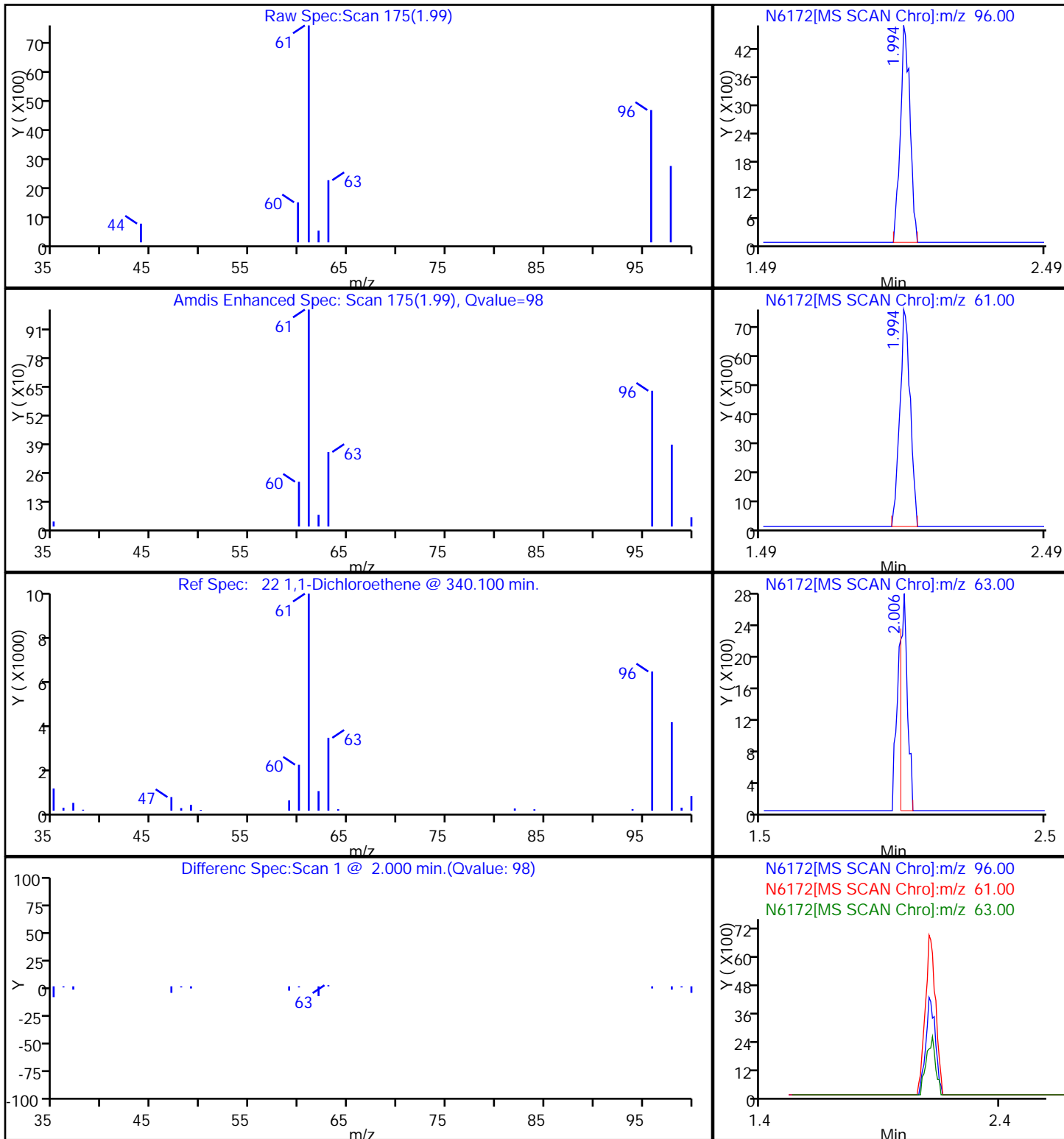
51 1,1,1-Trichloroethane



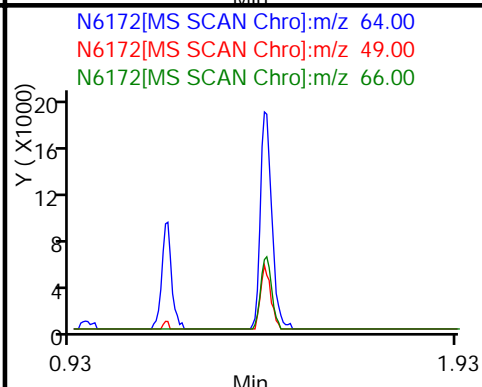
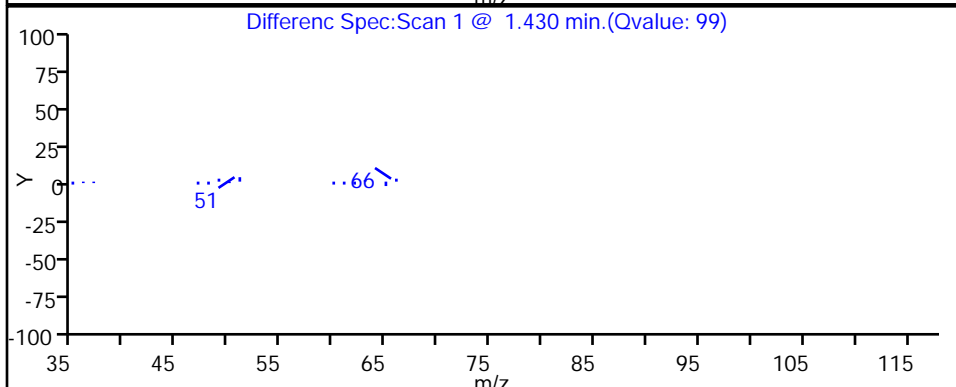
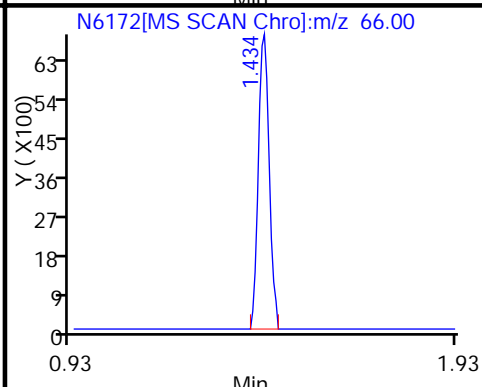
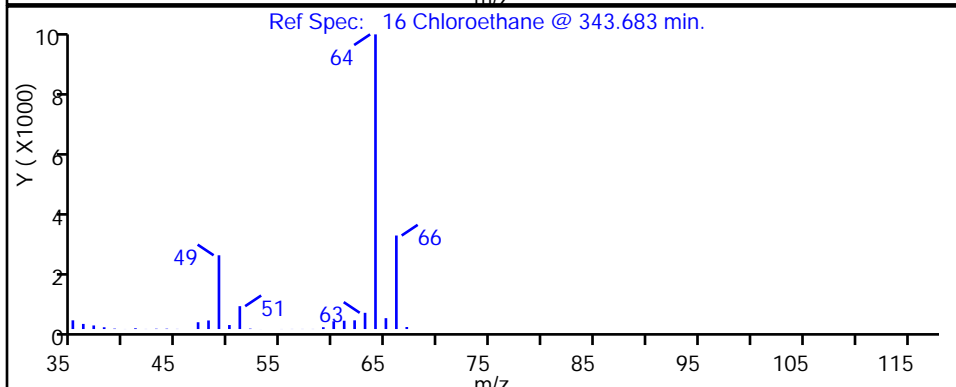
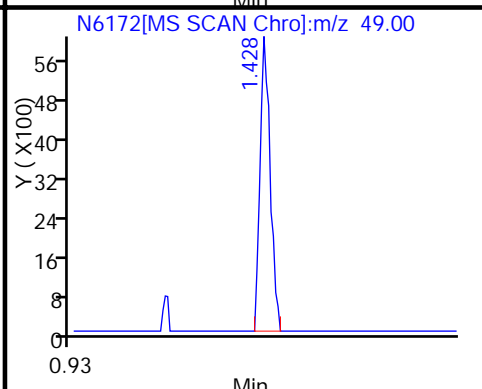
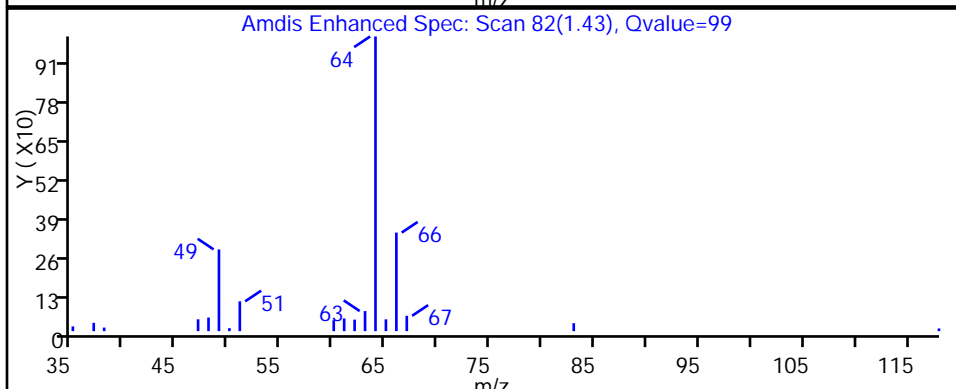
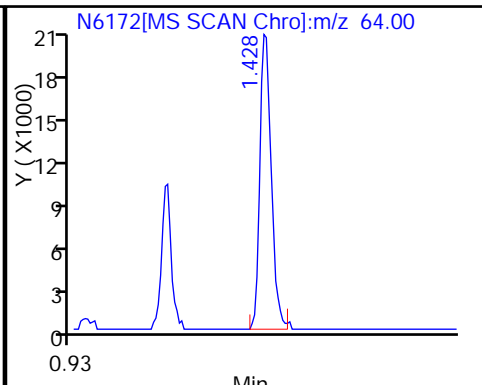
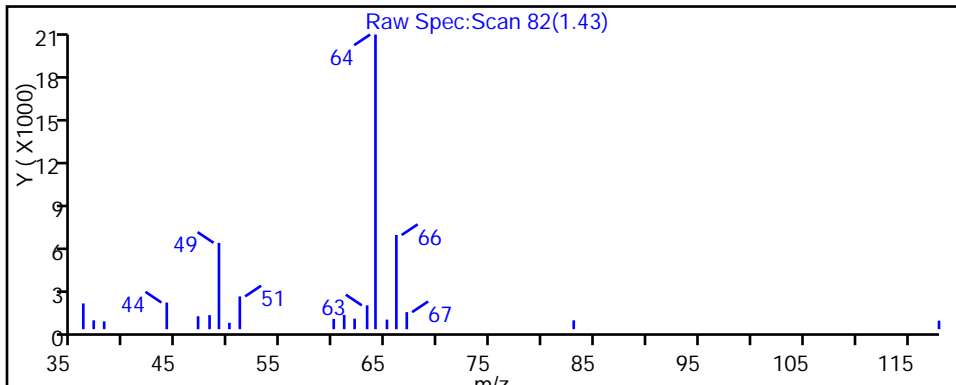
36 1,1-Dichloroethane



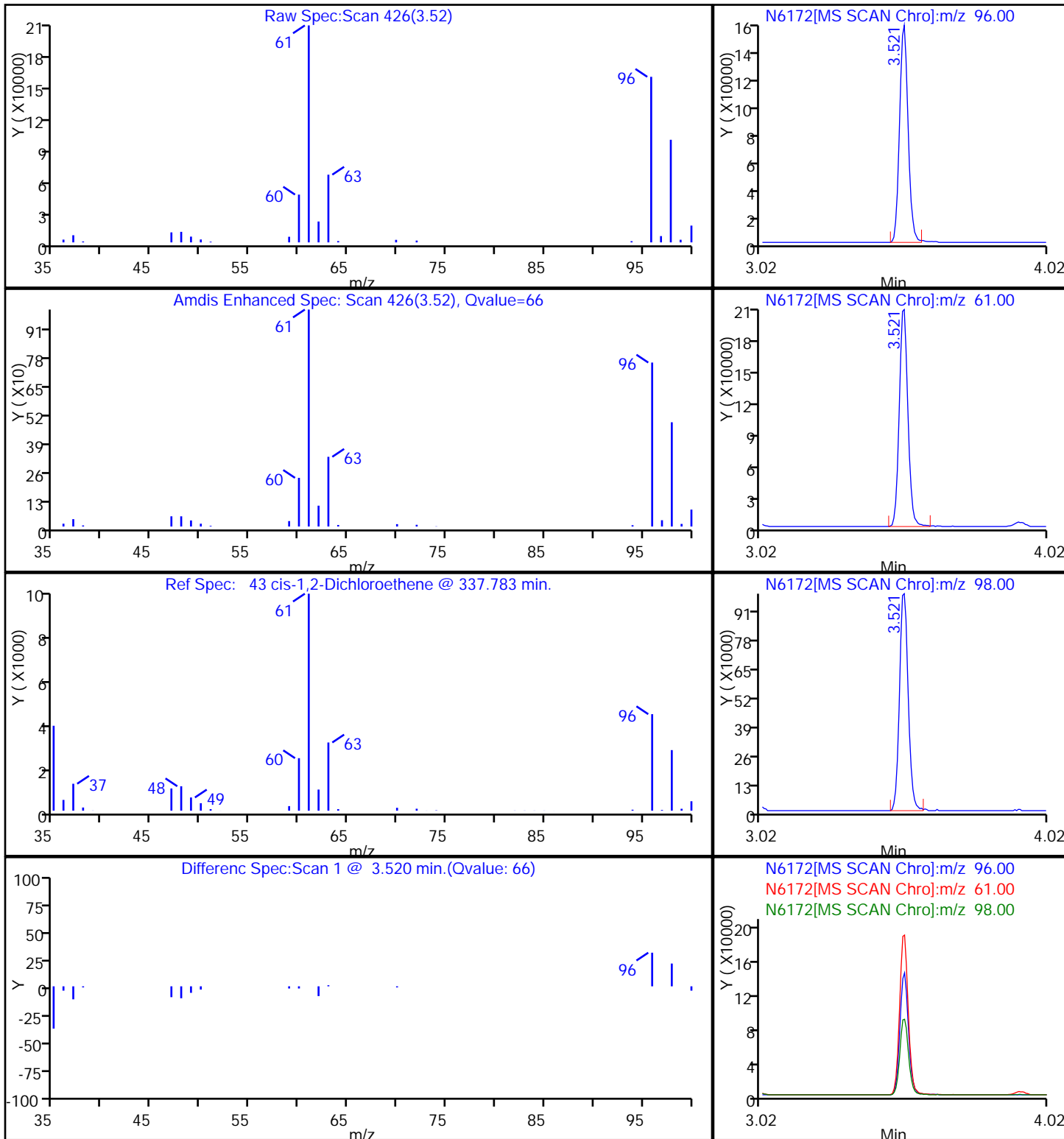
22 1,1-Dichloroethene



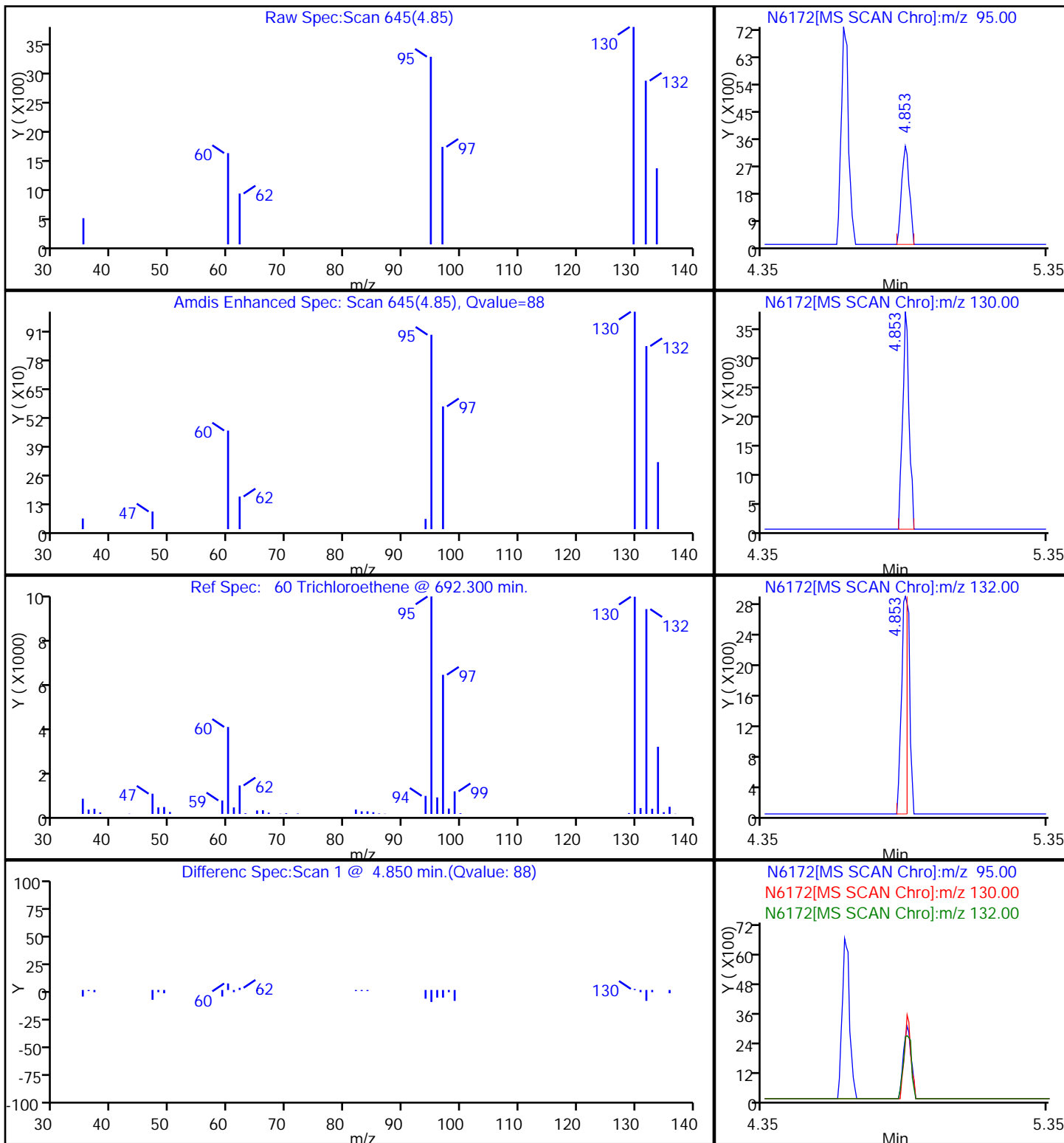
16 Chloroethane



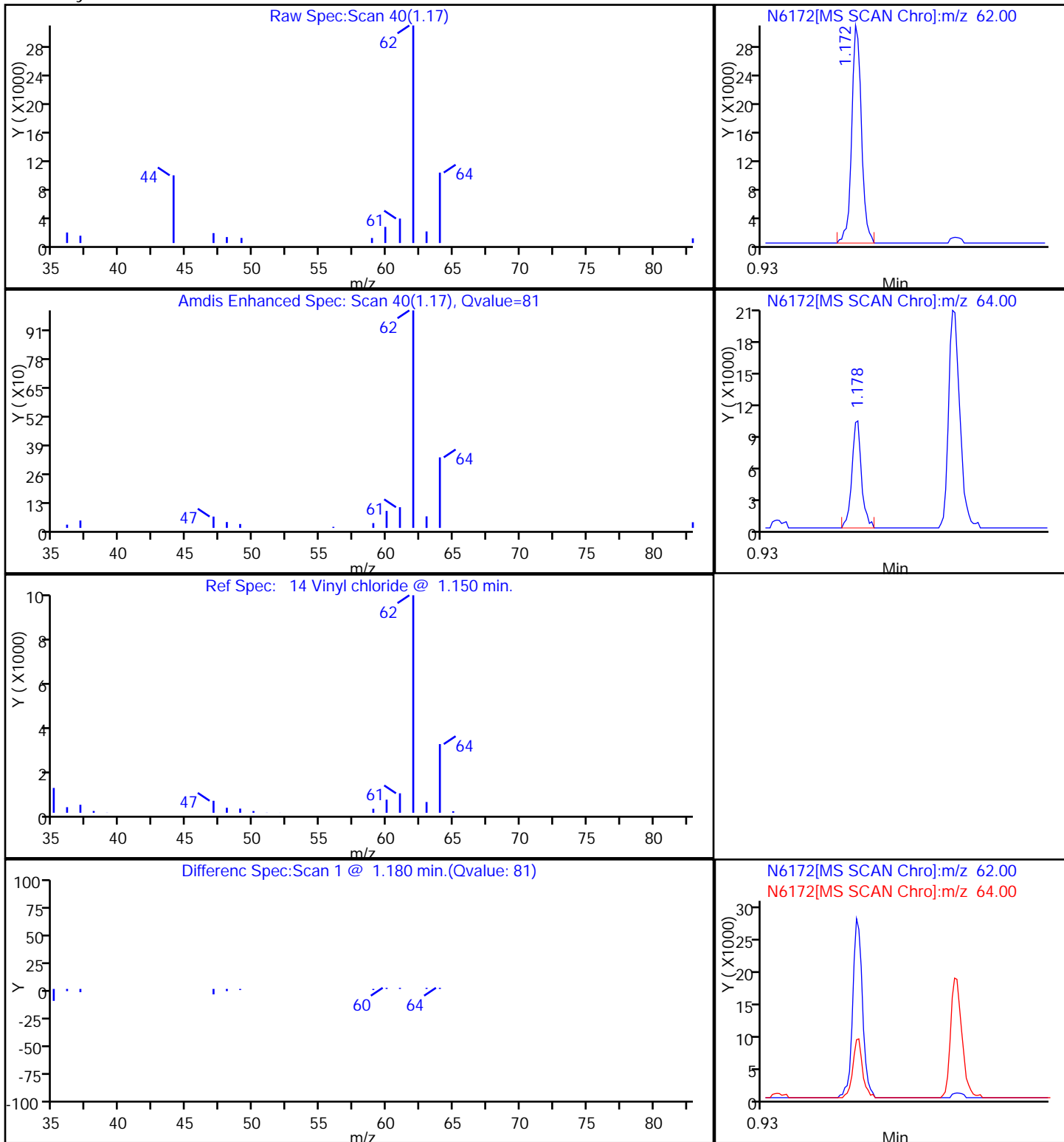
43 cis-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-3471-4
 Matrix: Ground Water Lab File ID: N6141.D
 Analysis Method: 8260B Date Collected: 04/04/2011 13:25
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 17:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	0.55	J	1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.73	J	1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	22		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 480-3471-4
 Matrix: Ground Water Lab File ID: N6141.D
 Analysis Method: 8260B Date Collected: 04/04/2011 13:25
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 17:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1.1		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6141.D
 Lims ID: 480-3471-A-4 Client ID: MW-12
 Inject. Date: 09-Apr-2011 17:55:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-4
 Misc. Info.: 480-0002148-015
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 38
 Lims Batch ID: 11387 Lims Sample ID: 15
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 10-Apr-2011 10:45:54 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 10-Apr-2011 10:54:26

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	92	493997	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	83	432762	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	229385	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	189552	29.1	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.001	79	536453	25.4	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	175857	26.2	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62	1.178	1.172	0.006	52	4886	1.09	
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.428	1.428	0.0	99	51405	21.5	
18 Trichlorofluoromethane	101		1.635					
22 1,1-Dichloroethene	96		2.000					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.334					
30 Methylene Chloride	84		2.438					
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96		2.626					
36 1,1-Dichloroethane	63		3.003					
43 cis-1,2-Dichloroethene	96		3.521					
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78	4.257	4.251	0.006	37	17181	0.7298	
57 1,2-Dichloroethane	62	4.330	4.318	0.012	60	4155	0.5549	
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.968					

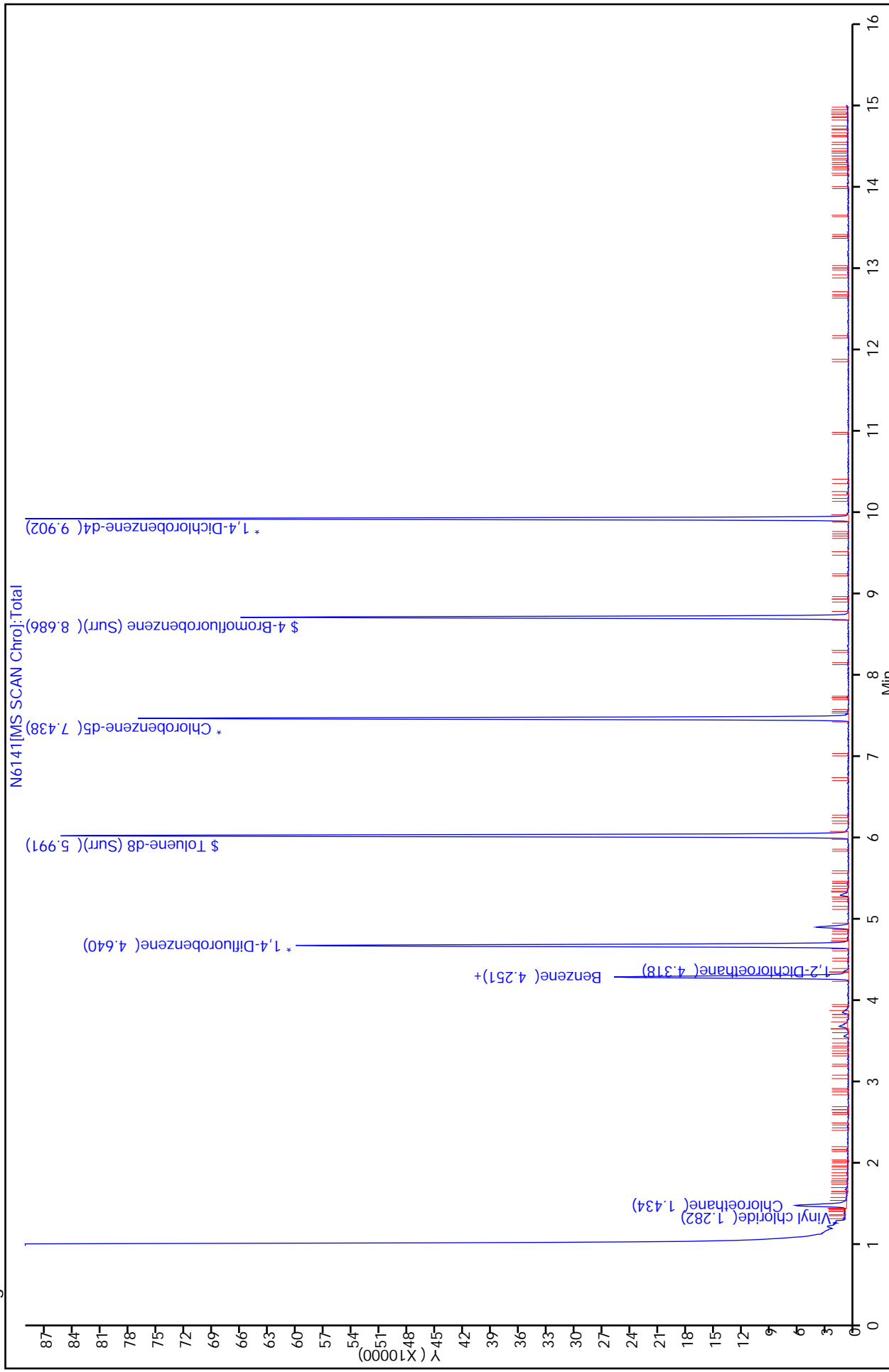
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.364					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.051					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.108					
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.917					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

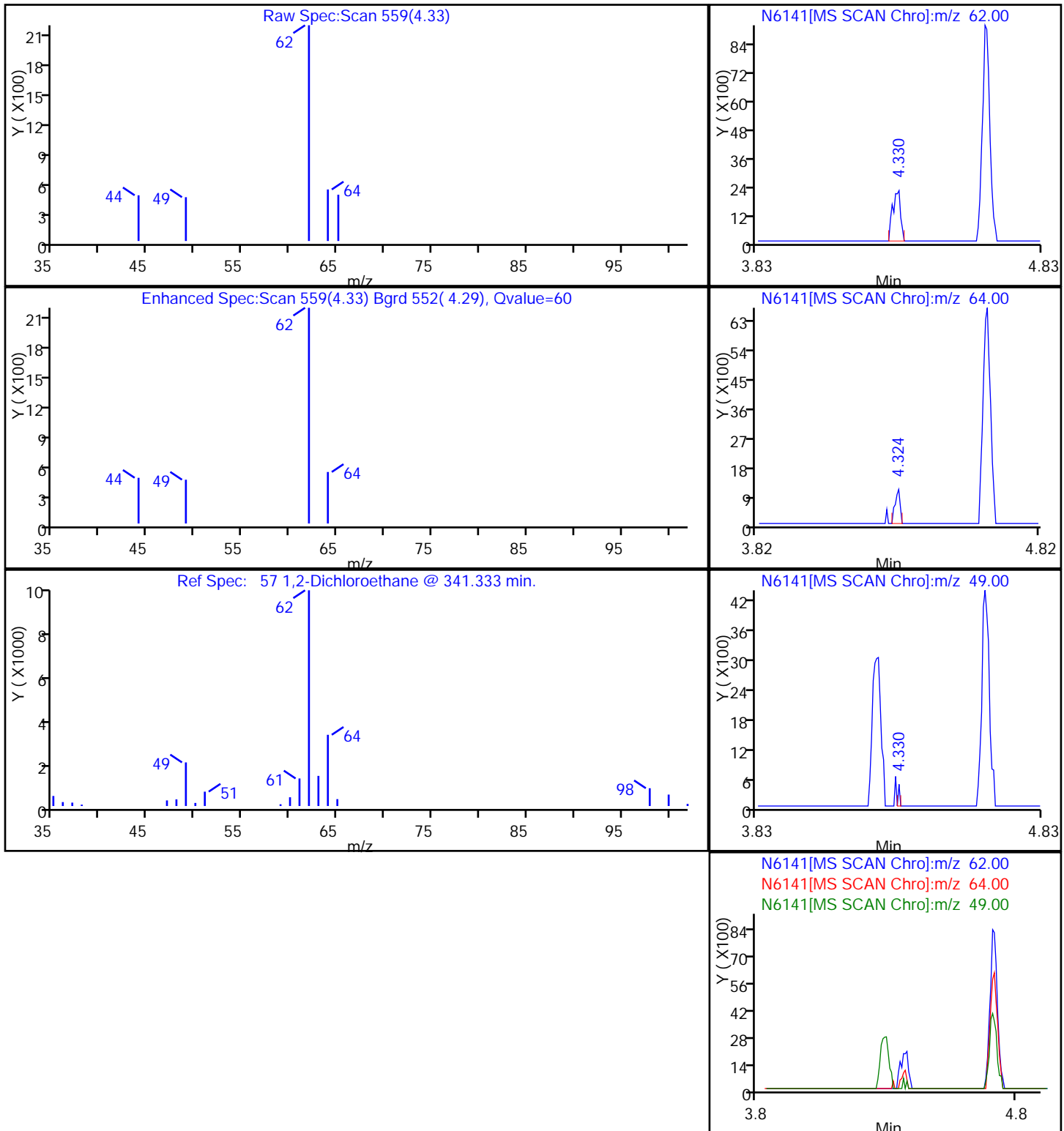
Processing Flags

7 - Failed Limit of Detection

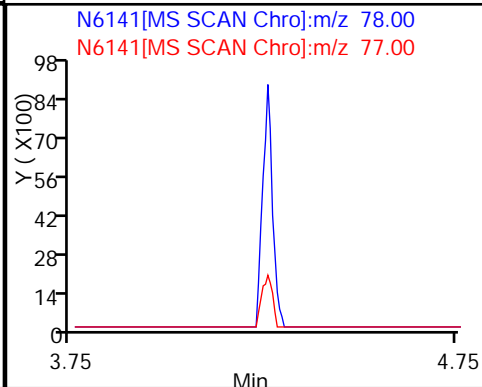
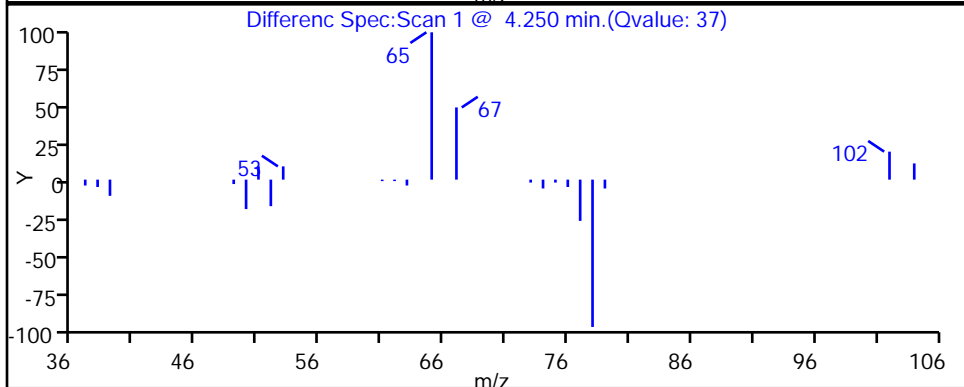
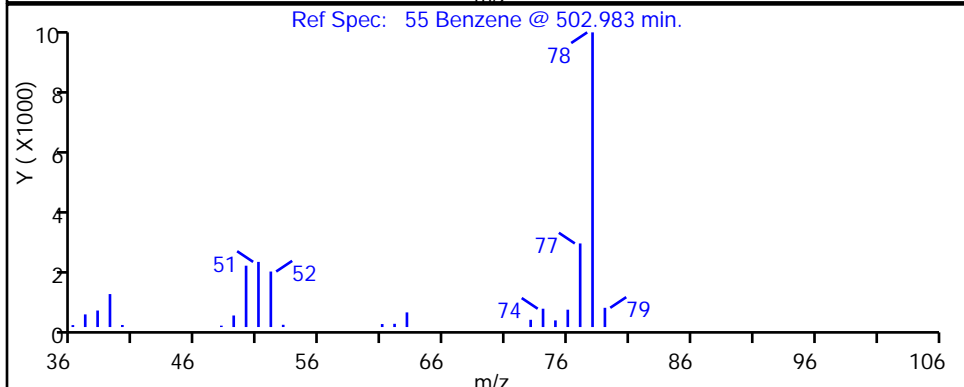
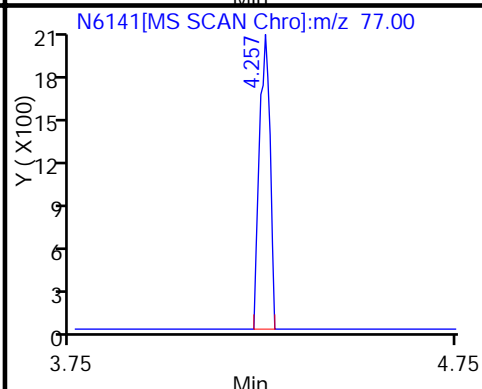
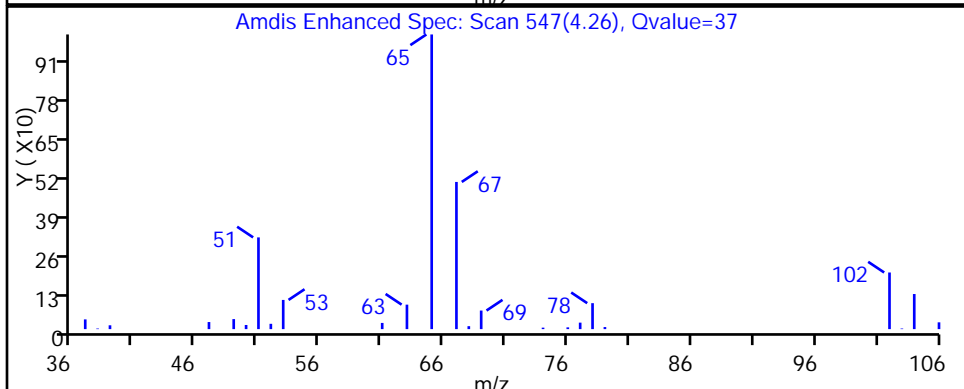
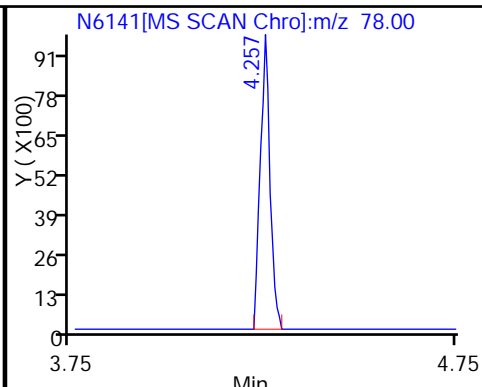
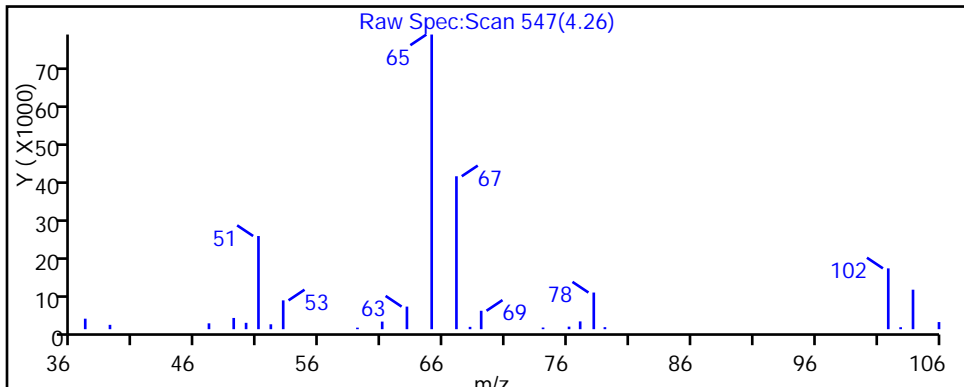
Report Date: 10-Apr-2011 10:54:26
 Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6141.D
 Injection Date: 09-Apr-2011 17:55:30
 Client ID: MW-12
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 15



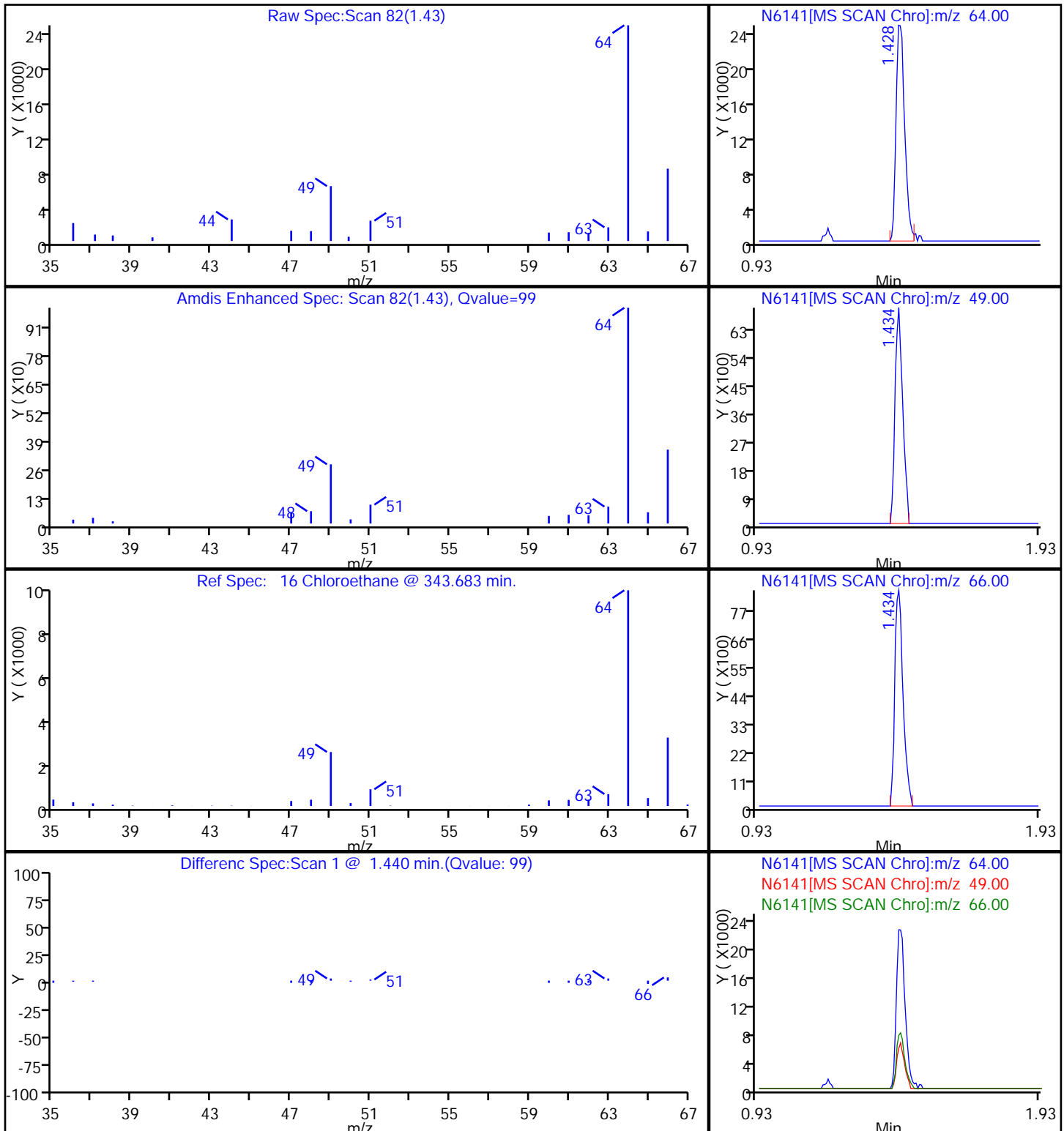
57 1,2-Dichloroethane



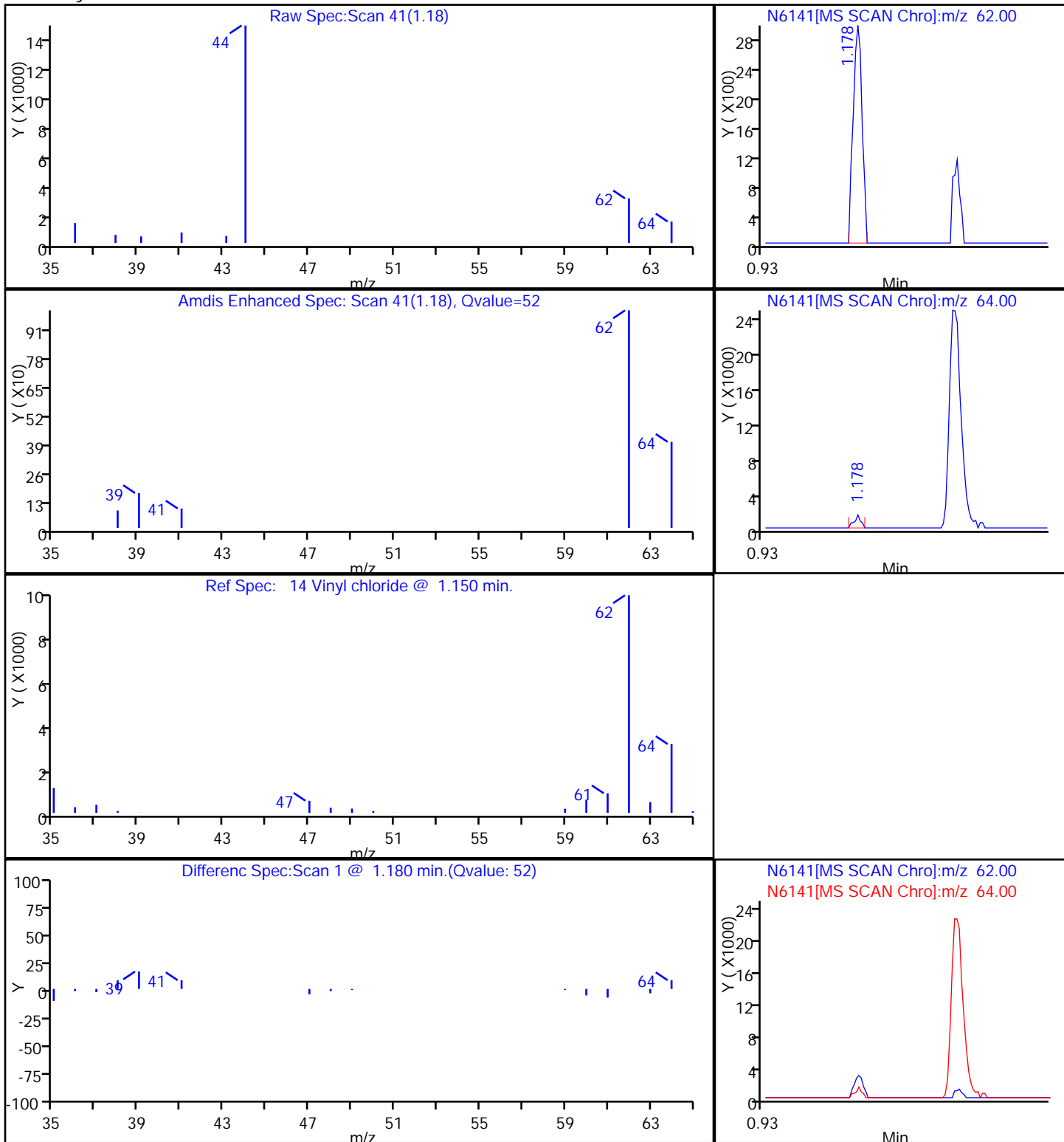
55 Benzene



16 Chloroethane



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-13D Lab Sample ID: 480-3471-5
 Matrix: Ground Water Lab File ID: N6142.D
 Analysis Method: 8260B Date Collected: 04/06/2011 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 18:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	23		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-13D Lab Sample ID: 480-3471-5
 Matrix: Ground Water Lab File ID: N6142.D
 Analysis Method: 8260B Date Collected: 04/06/2011 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 18:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	22		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		66-137
2037-26-5	Toluene-d8 (Surr)	103		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6142.D
 Lims ID: 480-3471-A-5 Client ID: MW-13D
 Inject. Date: 09-Apr-2011 18:18:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-5
 Misc. Info.: 480-0002148-016
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 39
 Lims Batch ID: 11387 Lims Sample ID: 16
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 10-Apr-2011 10:45:54 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 10-Apr-2011 10:54:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	93	495443	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.438	0.0	83	442222	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	227124	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	196636	30.1	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.001	91	555801	25.8	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	175997	25.6	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.635					
22 1,1-Dichloroethene	96		2.000					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.334					
30 Methylene Chloride	84		2.438					
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96		2.626					
36 1,1-Dichloroethane	63		3.003					
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	66	133445	22.9	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.251					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.853	4.853	0.0	93	124542	21.7	
62 Methylcyclohexane	83		4.968					

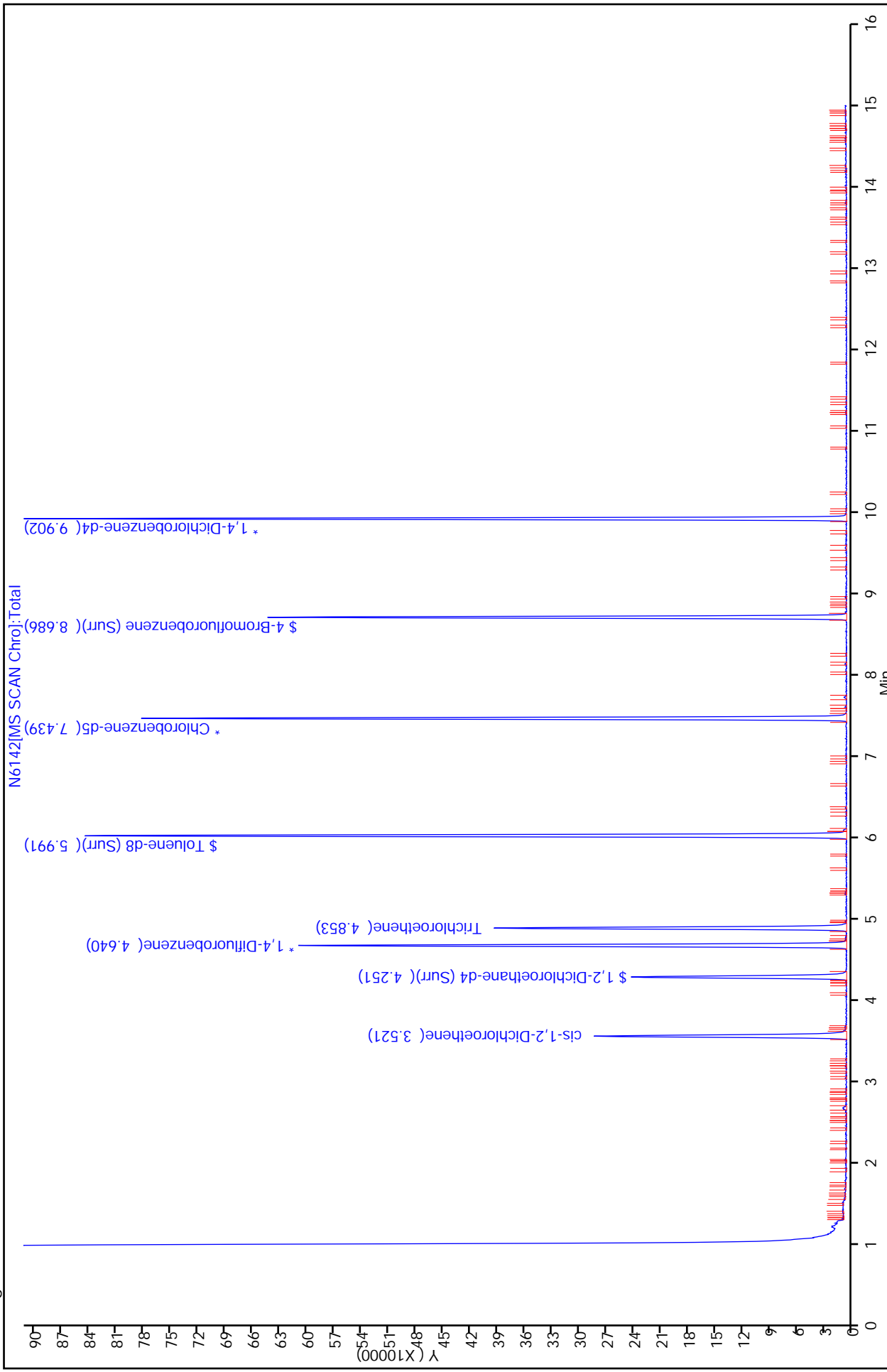
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.364					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.051					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.108					
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.917					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

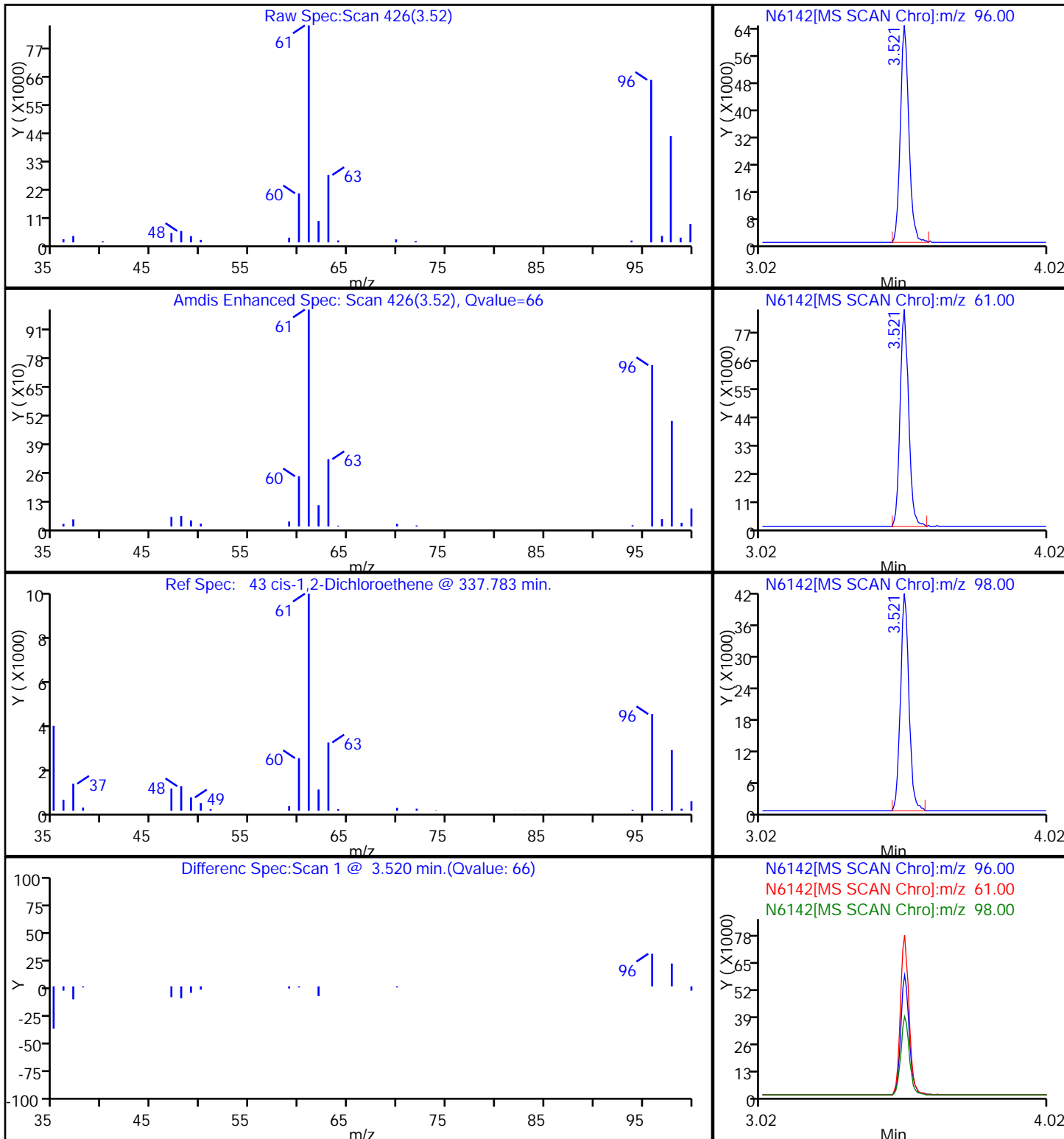
Processing Flags

7 - Failed Limit of Detection

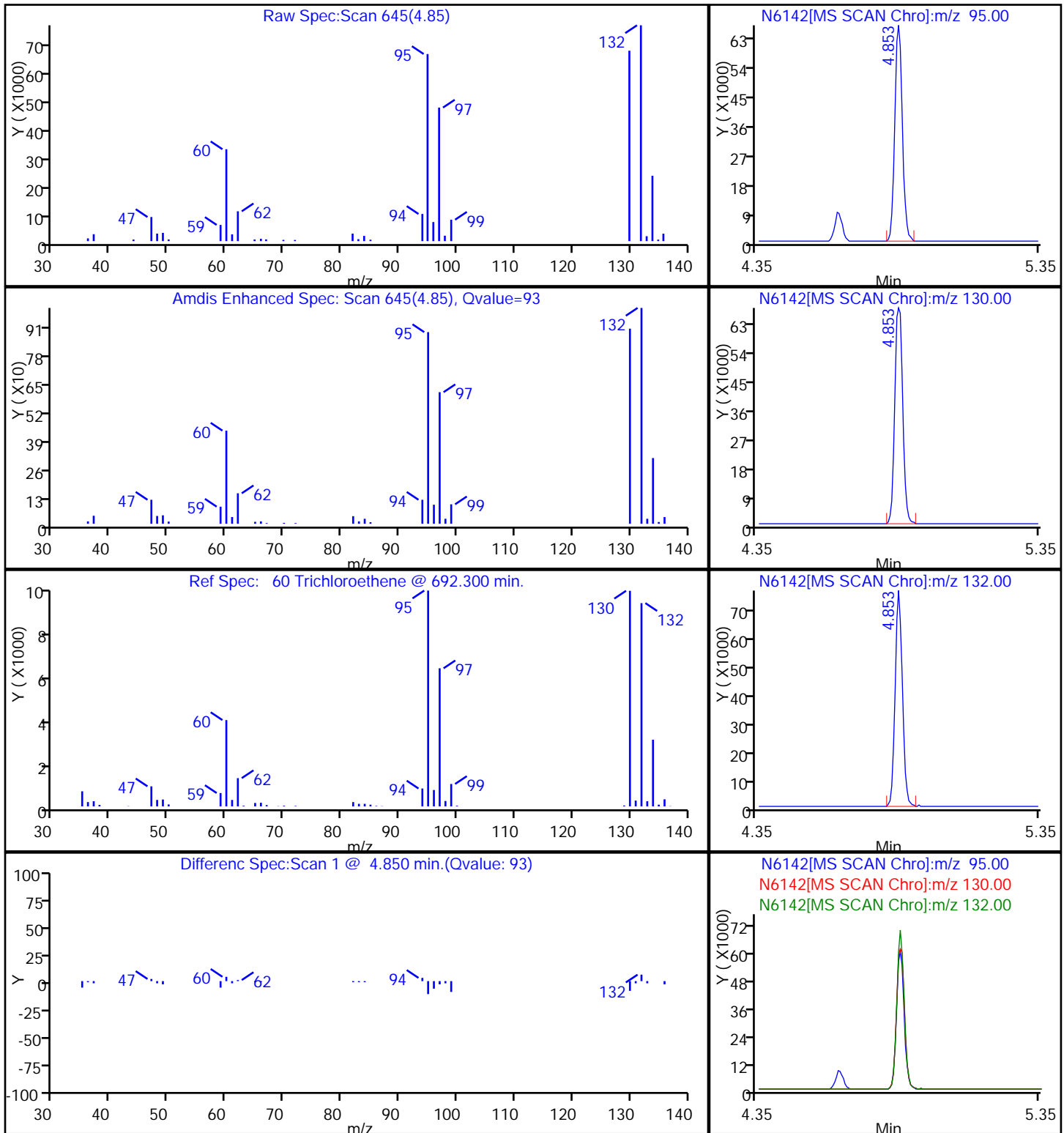
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 Injection Date: 09-Apr-2011 18:18:30
 Client ID: MW-13D
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 16



43 cis-1,2-Dichloroethene



60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-3471-6
 Matrix: Ground Water Lab File ID: N6143.D
 Analysis Method: 8260B Date Collected: 04/06/2011 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 18:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.6		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	100	E	1.0	0.38
75-35-4	1,1-Dichloroethene	170	E	1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	2.7		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	4.7		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	4500	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-13S Lab Sample ID: 480-3471-6
 Matrix: Ground Water Lab File ID: N6143.D
 Analysis Method: 8260B Date Collected: 04/06/2011 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 18:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	0.77	J	1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	6.0		1.0	0.51
156-60-5	<i>trans</i> -1,2-Dichloroethene	140	E	1.0	0.90
10061-02-6	<i>trans</i> -1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	5700	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	<i>Vinyl chloride</i>	400	E	1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6143.D
 Lims ID: 480-3471-A-6 Client ID: MW-13S
 Inject. Date: 09-Apr-2011 18:42:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-6
 Misc. Info.: 480-0002148-017
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 40
 Lims Batch ID: 11387 Lims Sample ID: 17
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 10-Apr-2011 17:32:45 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: jonesr

Date: 10-Apr-2011 17:32:45

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.652	4.640	0.012	93	501667	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	84	440169	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	234152	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.257	4.251	0.006	0	204567	30.9	
\$ 6 Toluene-d8 (Surr)	98	5.997	5.991	0.007	80	543212	25.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	86	177305	25.9	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62	1.178	1.172	0.006	81	1836522	403.7	5
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.440	1.428	0.012	90	11487	4.73	
18 Trichlorofluoromethane	101		1.635					
22 1,1-Dichloroethene	96	2.018	2.000	0.018	87	867077	166.7	5
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43		2.085					
25 Carbon disulfide	76	2.194	2.182	0.012	82	36949	2.66	M
28 Methyl acetate	43		2.334					
30 Methylene Chloride	84	2.444	2.438	0.006	85	4348	0.7707	
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96	2.651	2.626	0.025	97	758567	141.0	5
36 1,1-Dichloroethane	63	3.022	3.003	0.019	82	1014992	101.2	5
43 cis-1,2-Dichloroethene	96	3.551	3.521	0.030	58	26359086	4470.2	5
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97	3.928	3.928	0.0	94	9909	1.56	
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.251					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.926	4.853	0.073	83	33101294	5705.4	5M
62 Methylcyclohexane	83		4.968					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.364					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92	6.058	6.051	0.007	99	88727	6.00	
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.108					
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.917					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

5 - Exceeded Maximum Amount

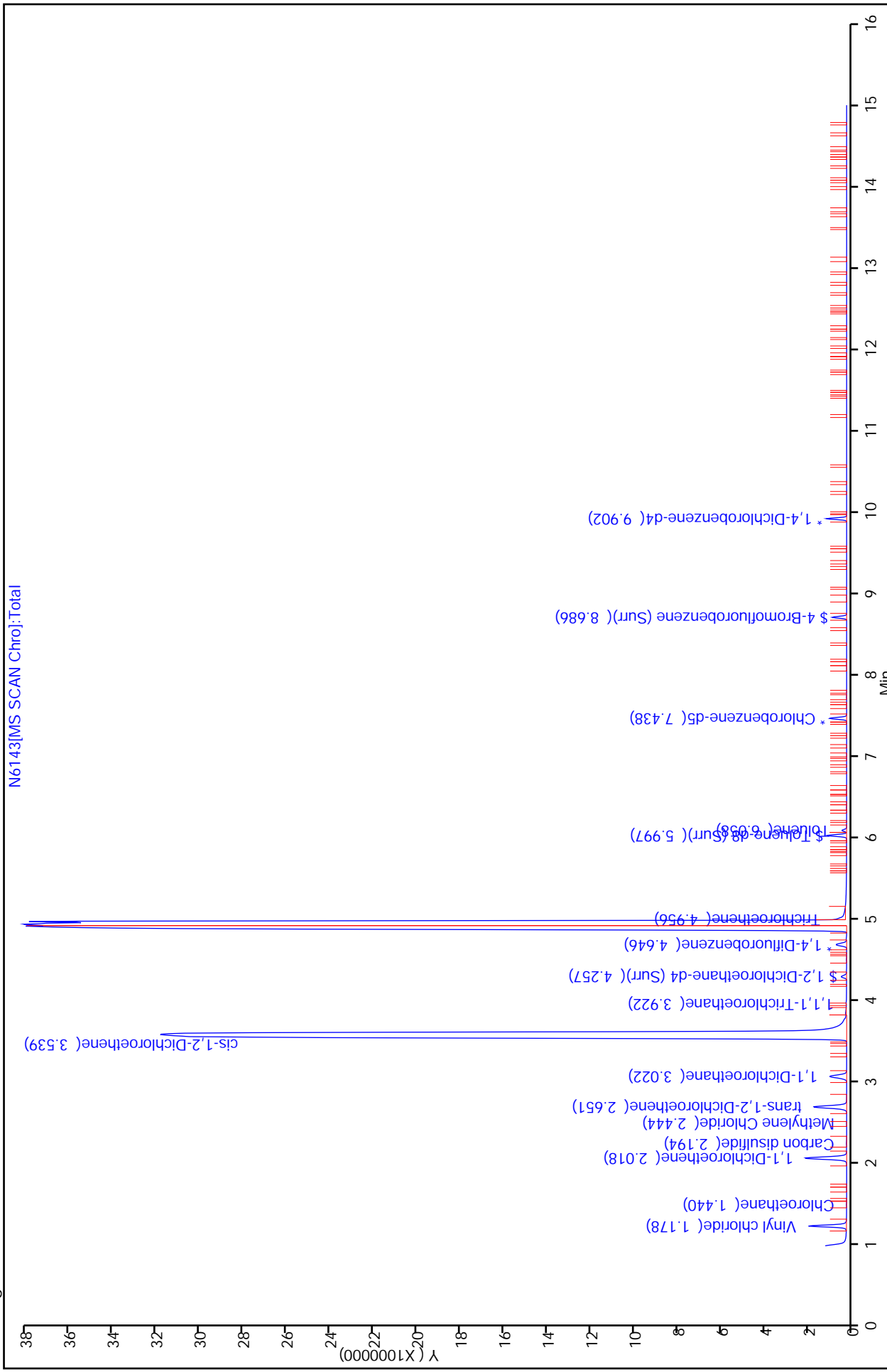
7 - Failed Limit of Detection

Review Flags

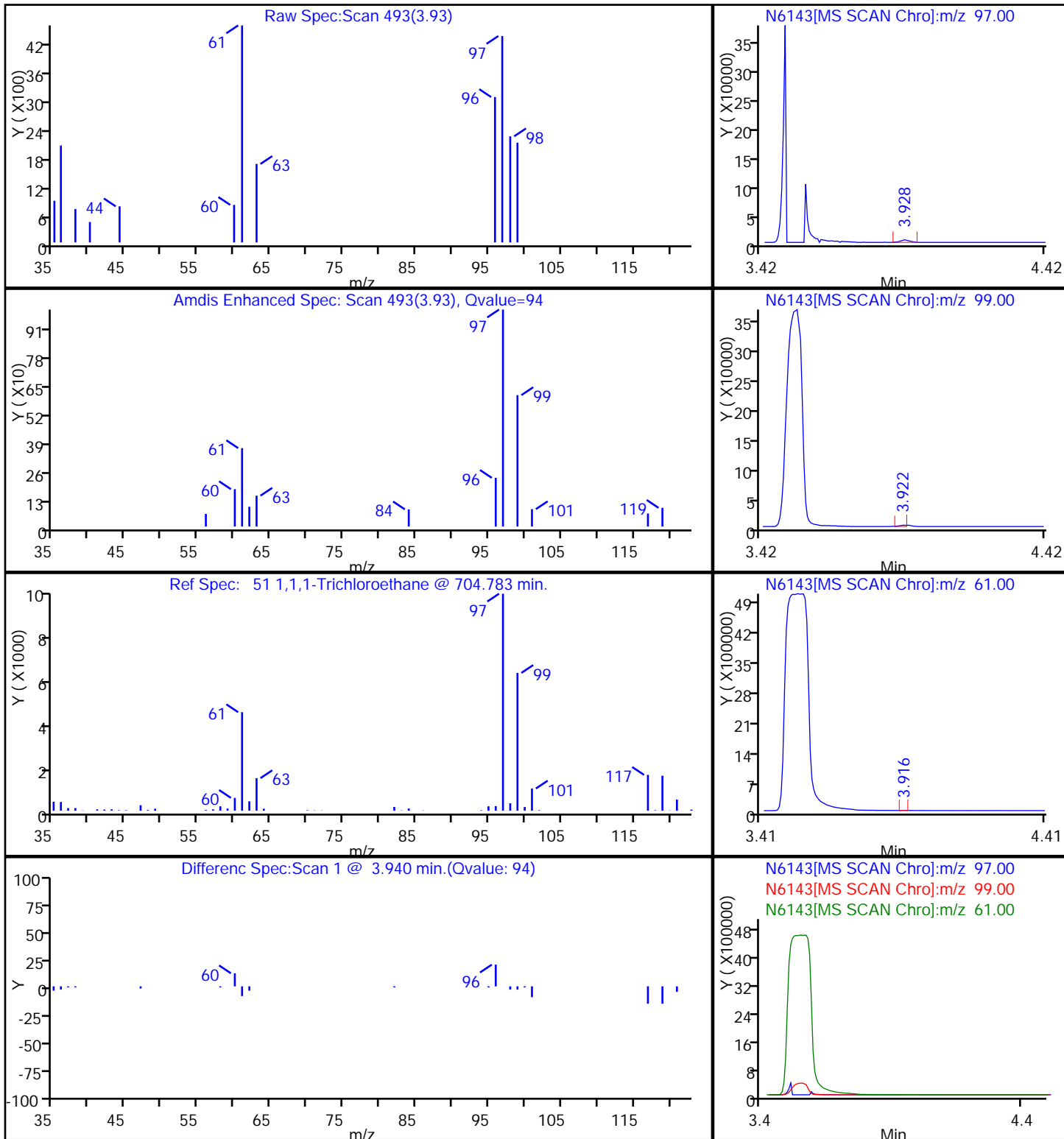
M - Manually Integrated

Report Date: 10-Apr-2011 17:32:46
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 Injection Date: 09-Apr-2011 18:42:30
 Client ID: MW-13S
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Y Scaling:

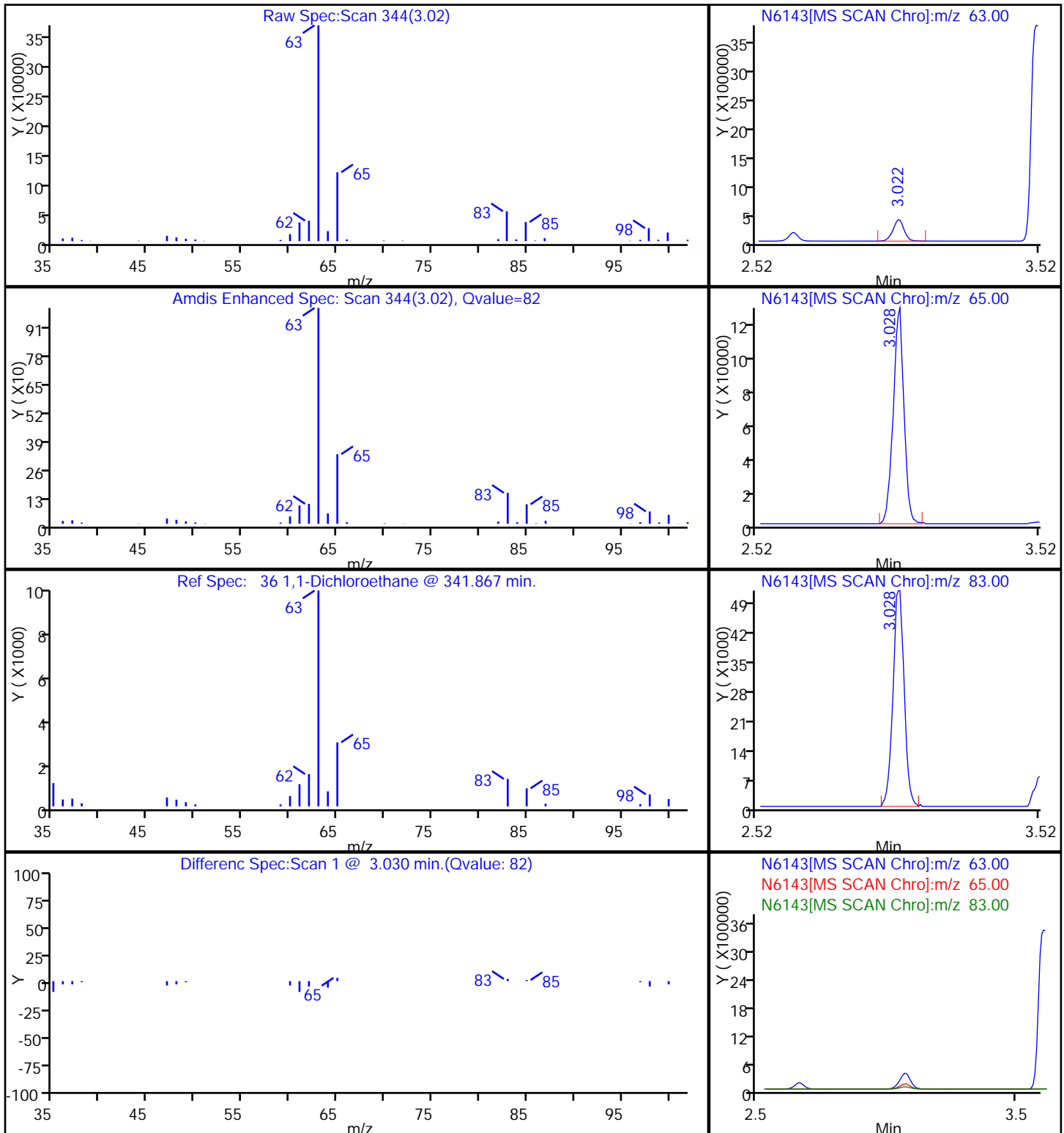
Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 17



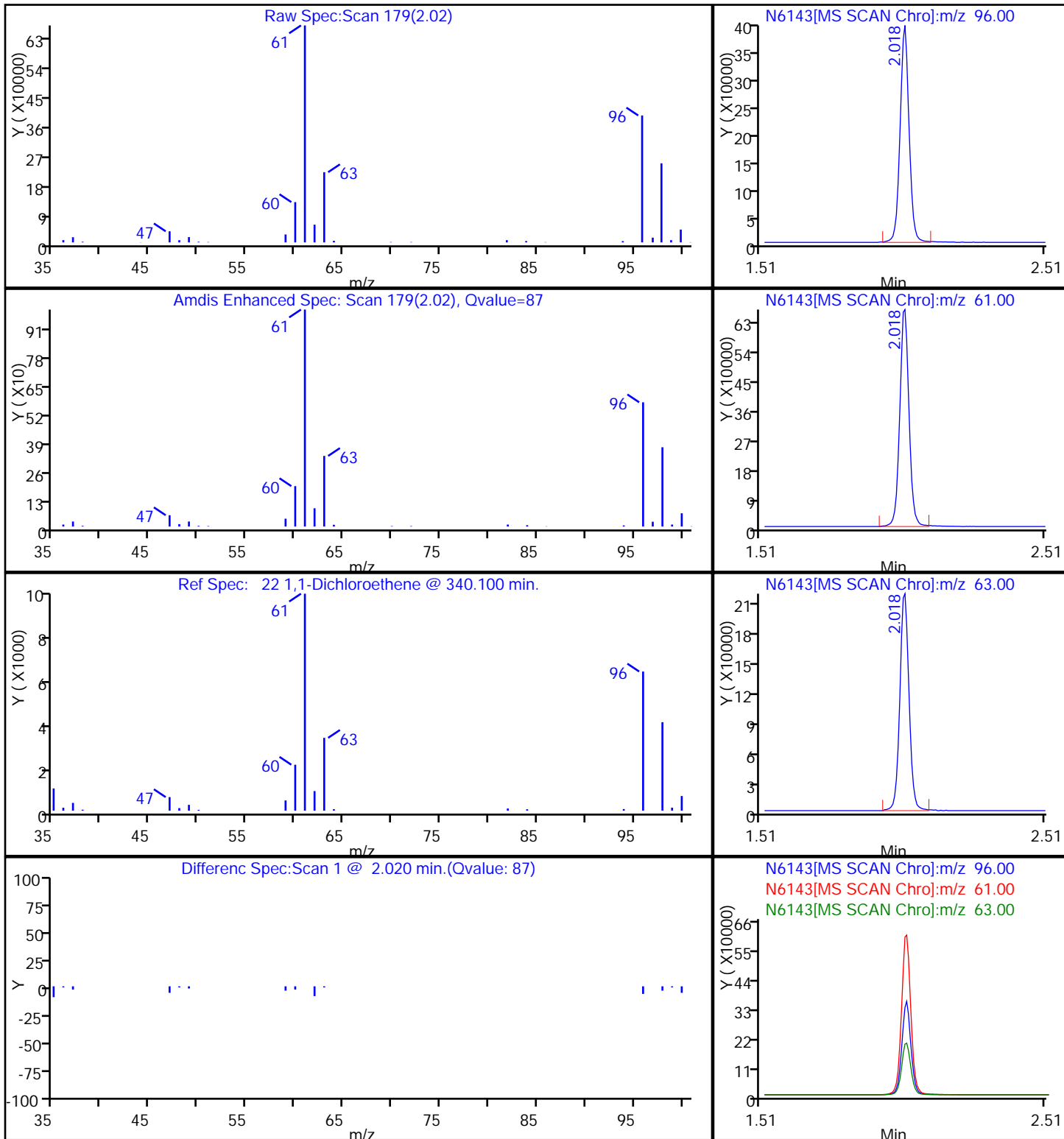
51 1,1,1-Trichloroethane



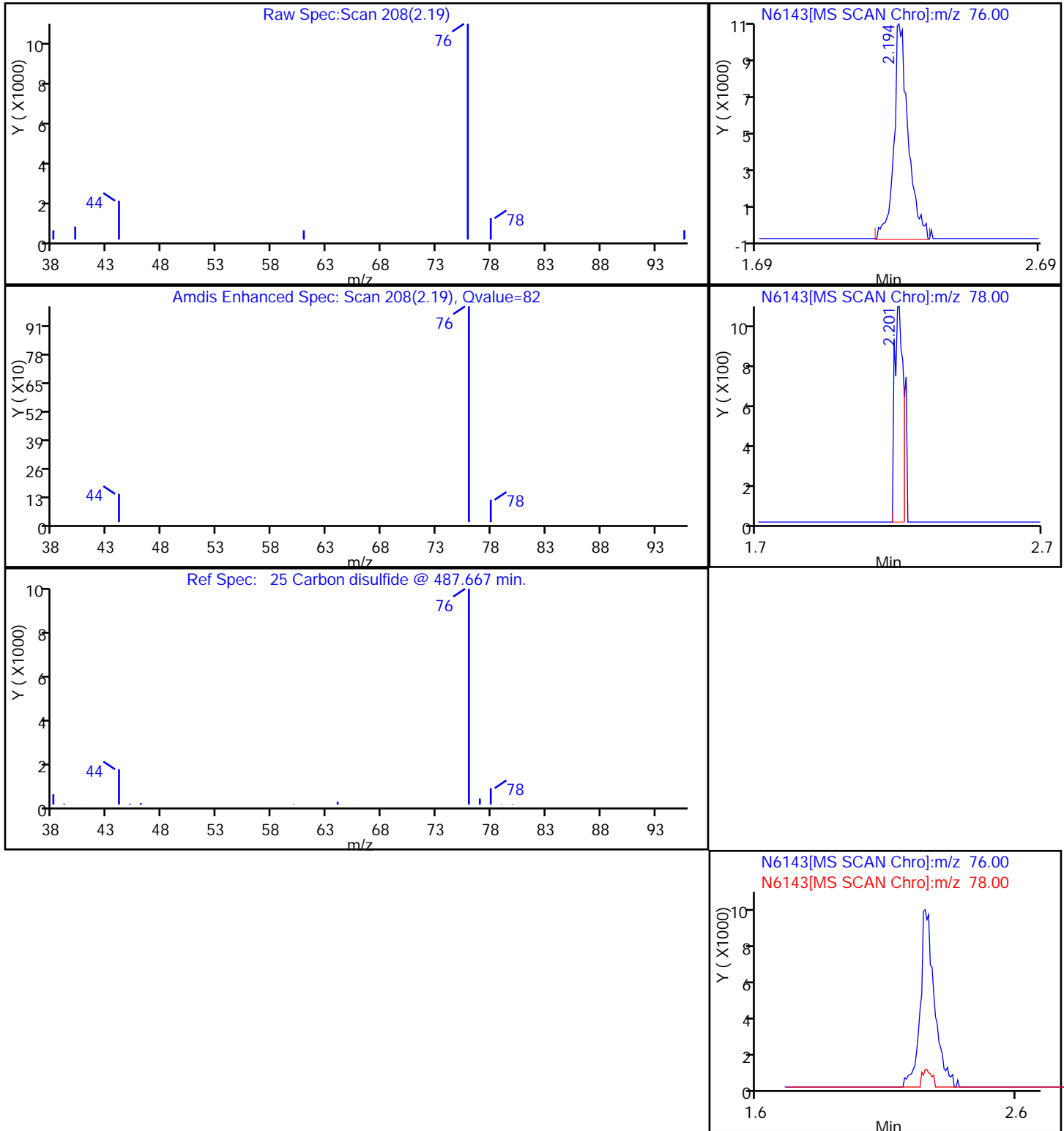
36 1,1-Dichloroethane



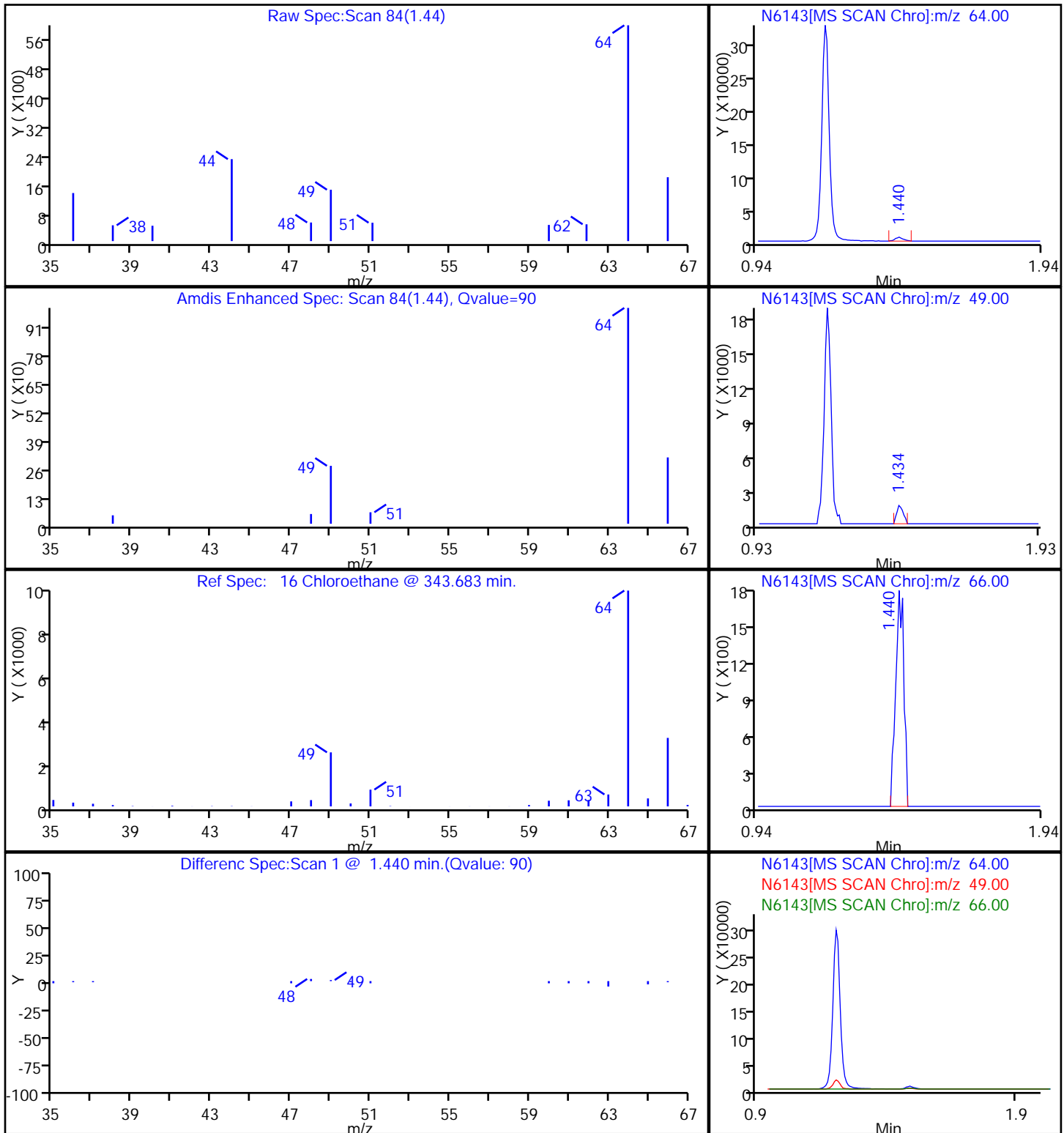
22 1,1-Dichloroethene



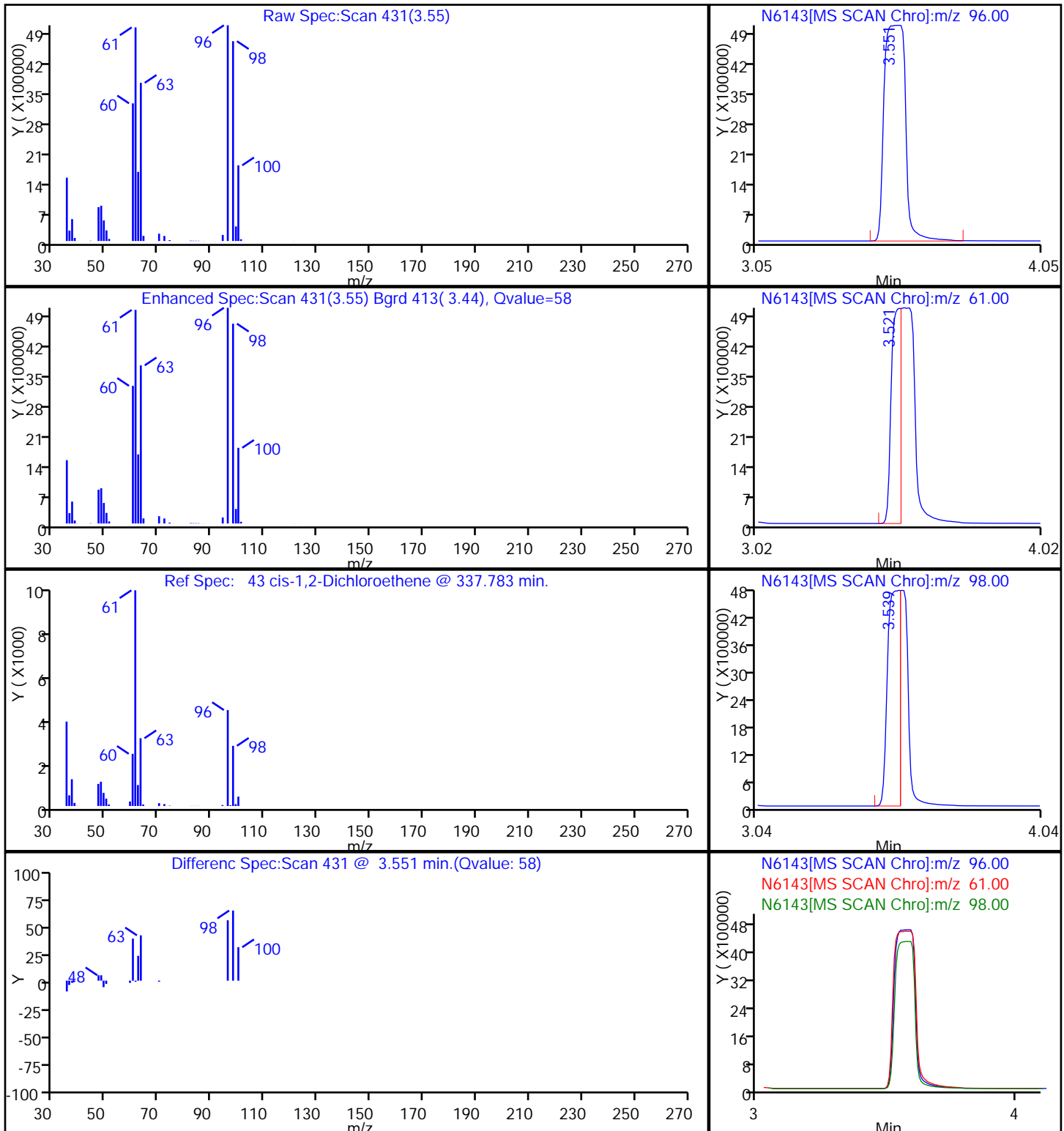
25 Carbon disulfide



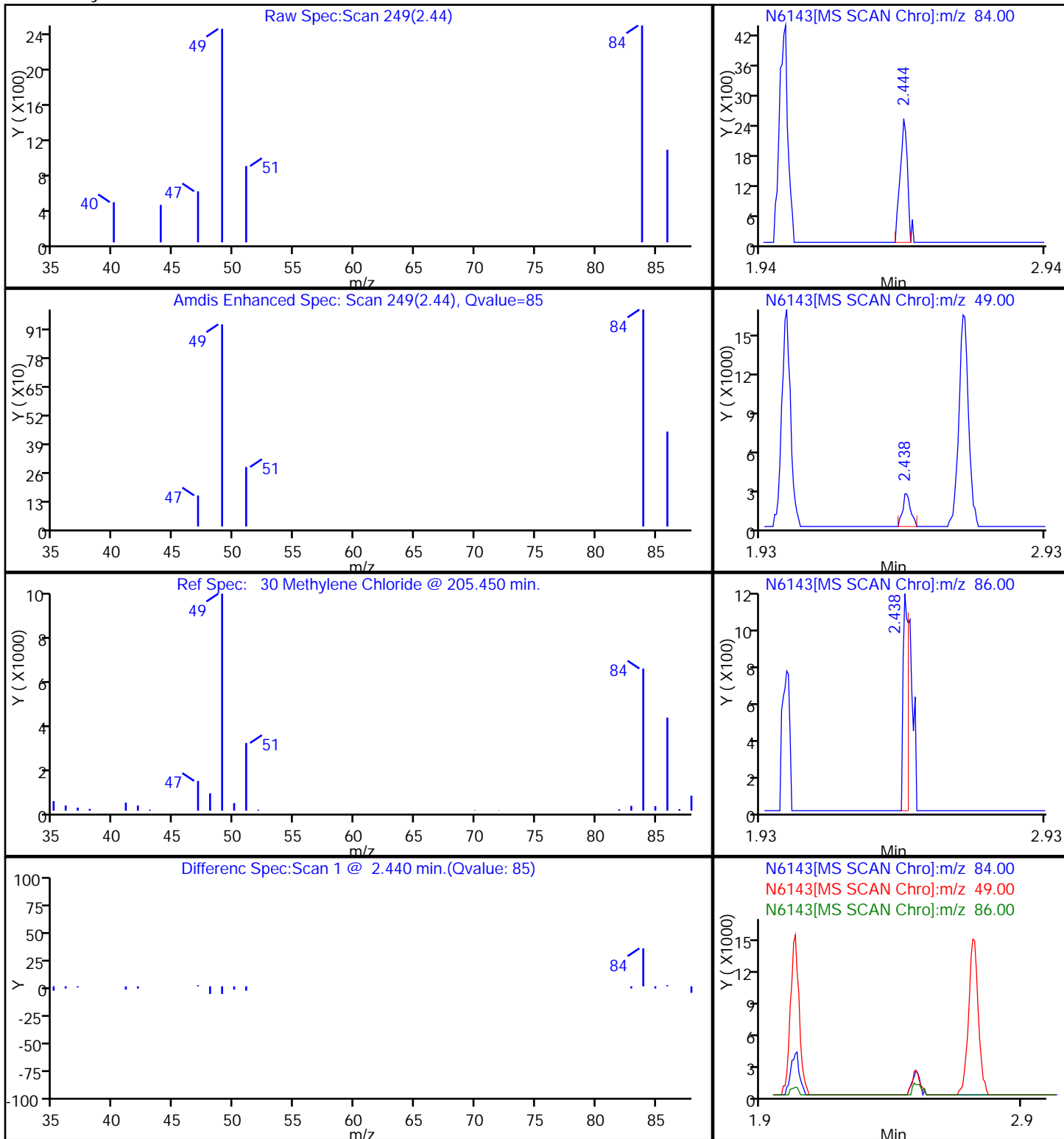
16 Chloroethane



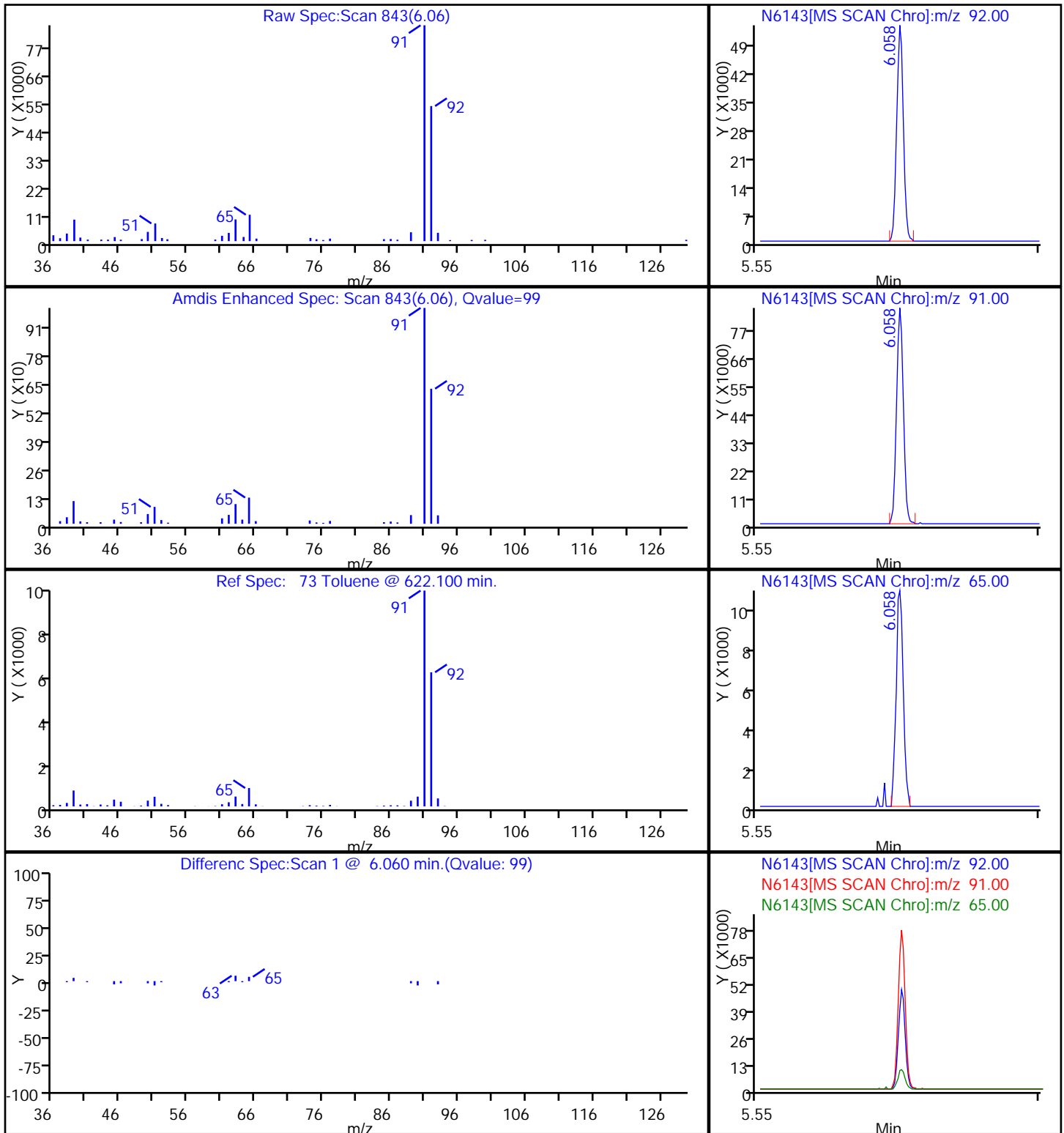
43 cis-1,2-Dichloroethene



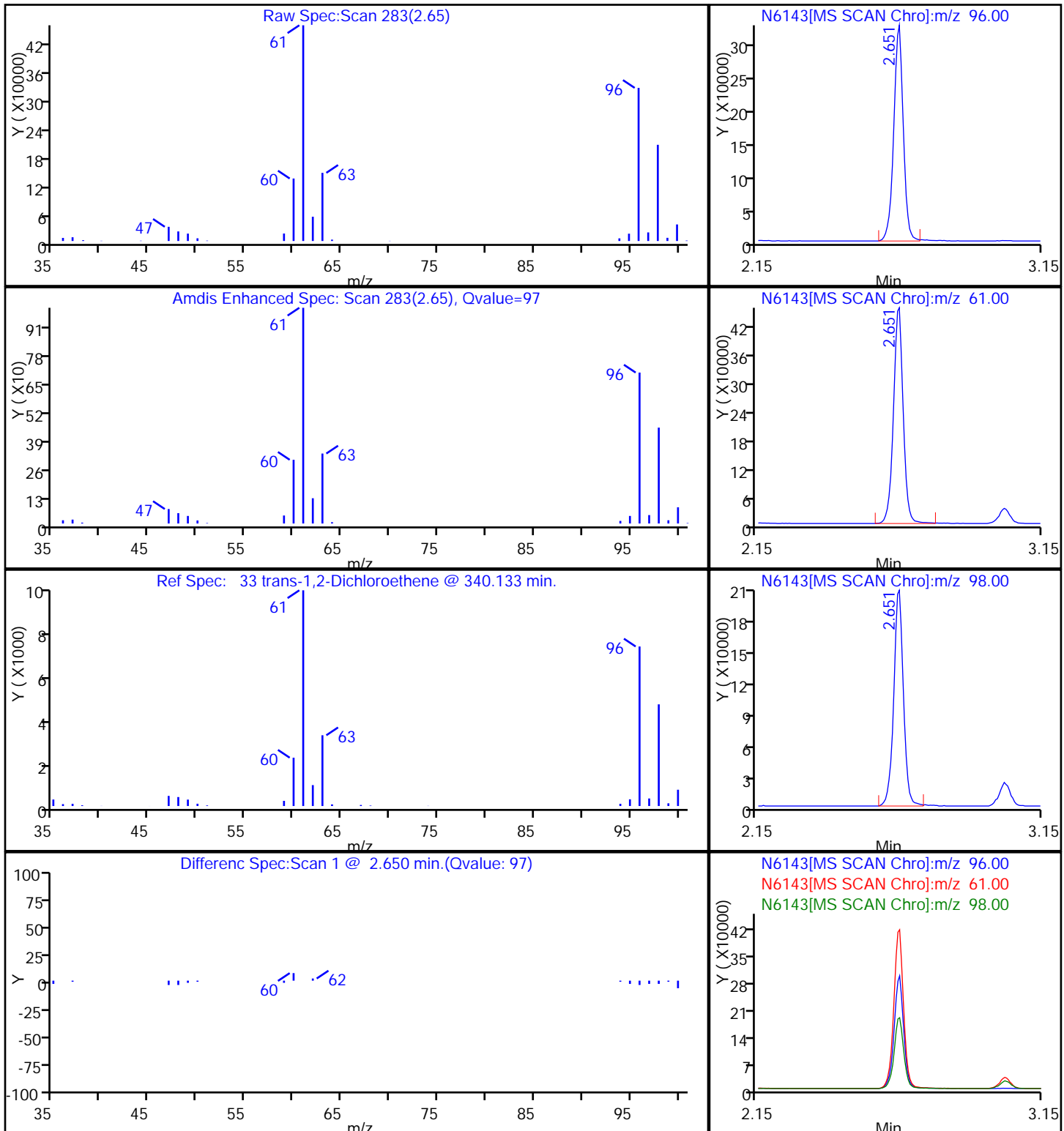
30 Methylene Chloride



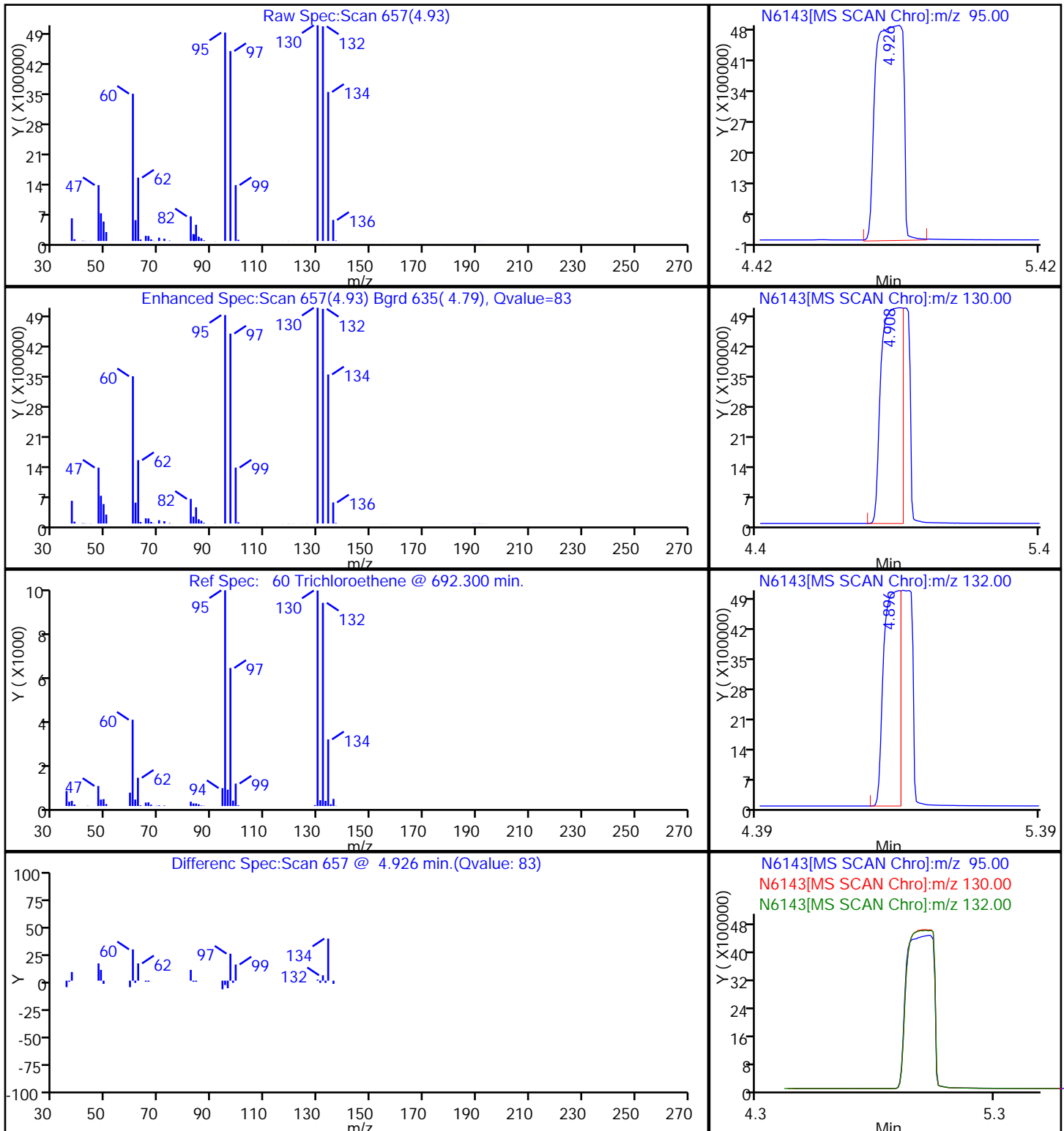
73 Toluene



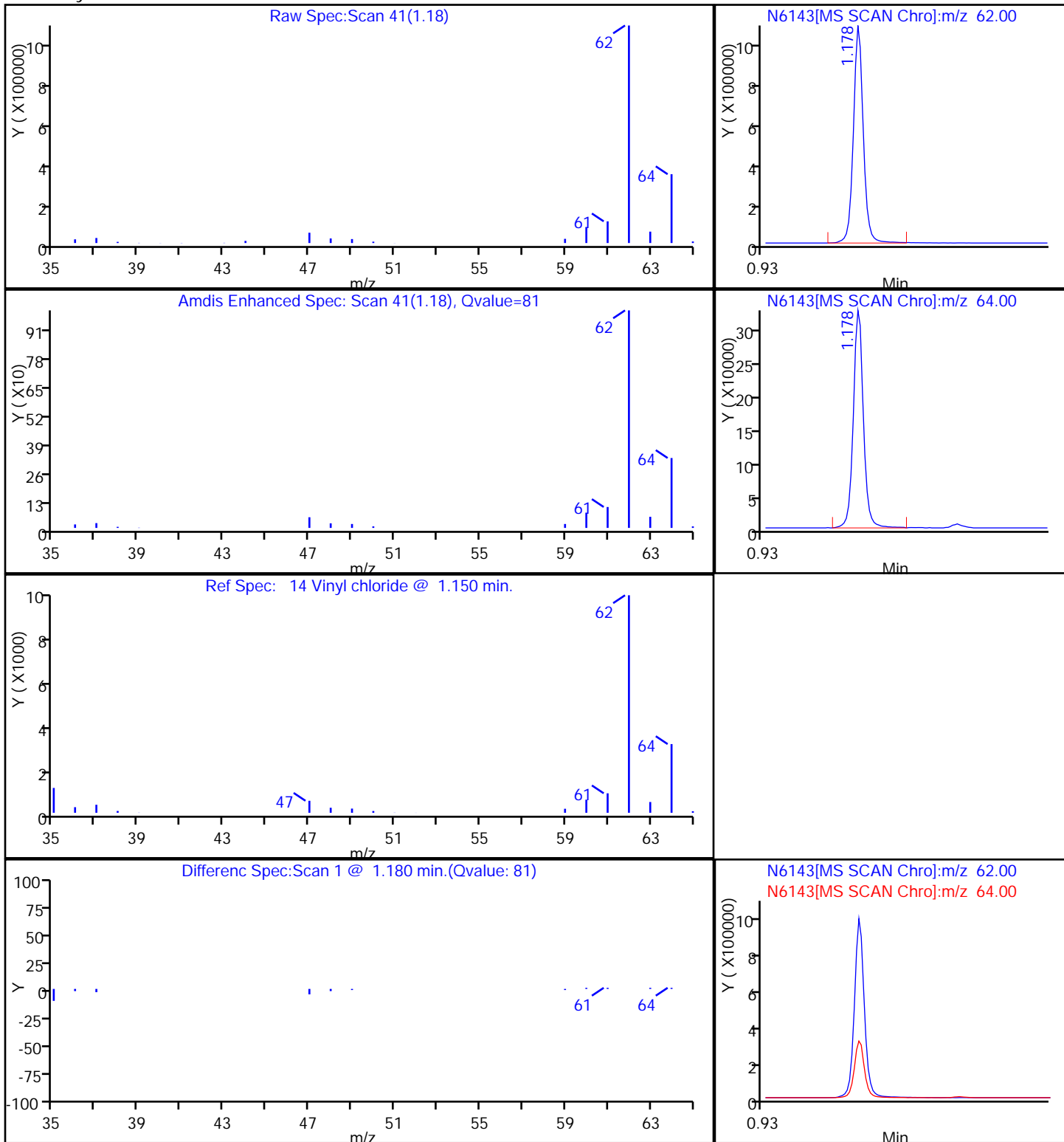
33 trans-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride

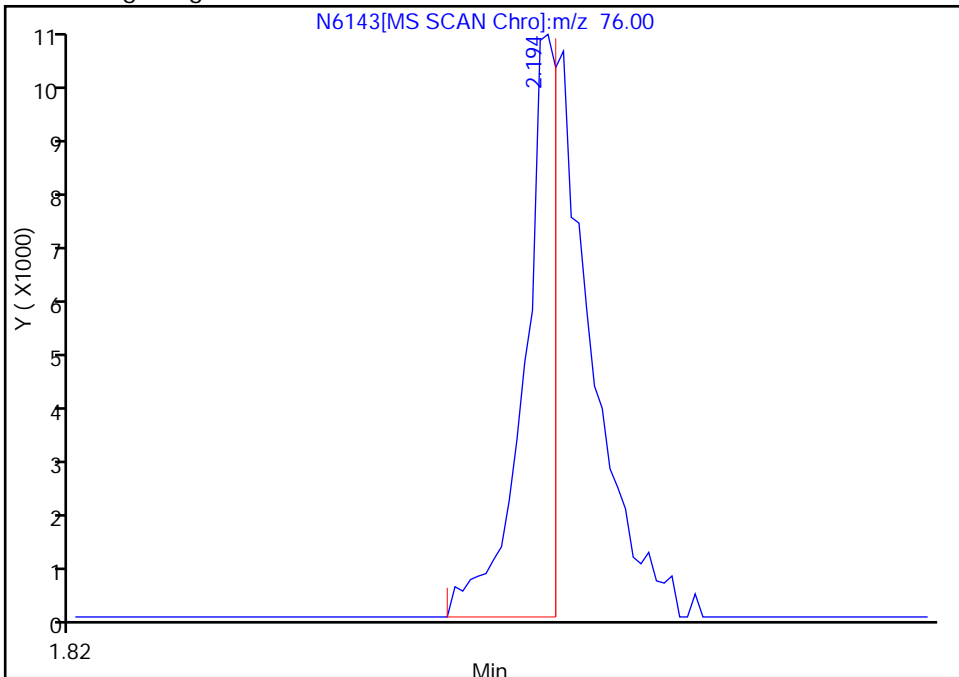


Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6143.D
Injection Date: 09-Apr-2011 18:42:30 Limit Group: MV - 8260B ICAL
Client ID: MW-13S Instrument ID: HP5973N
Lims Batch ID: 11387 Lims Sample ID: 17
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

25 Carbon disulfide, Signal: 1, m/z: 76.0 Type: quant, RT: 2.18

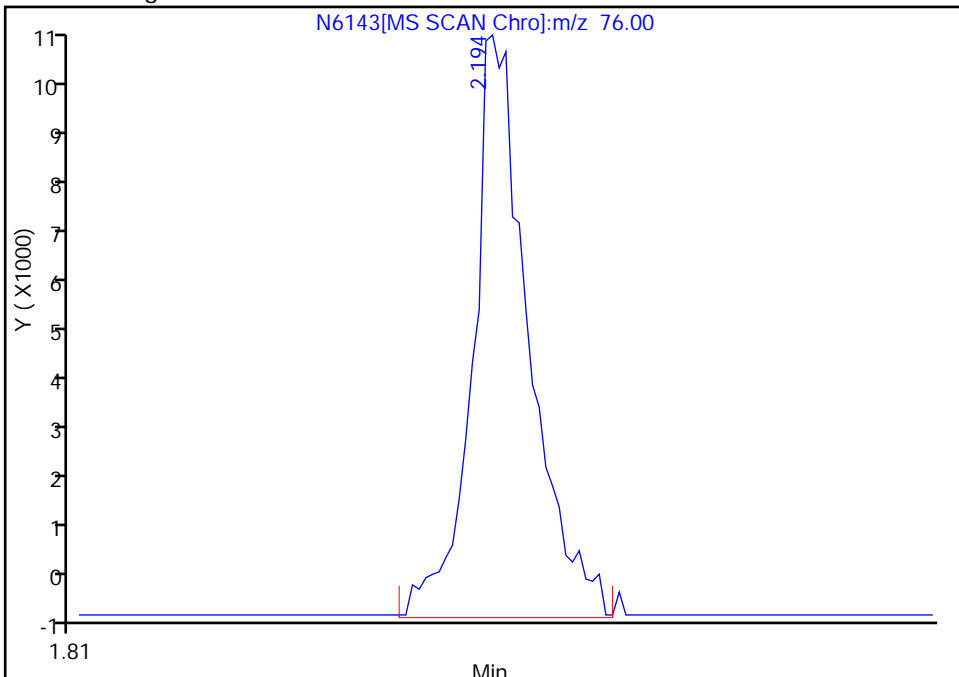
RT: 2.19
Response: 18476
Amount: 1.327738

Processing Integration Results



RT: 2.19
Response: 36949
Amount: 2.655260

Manual Integration Results



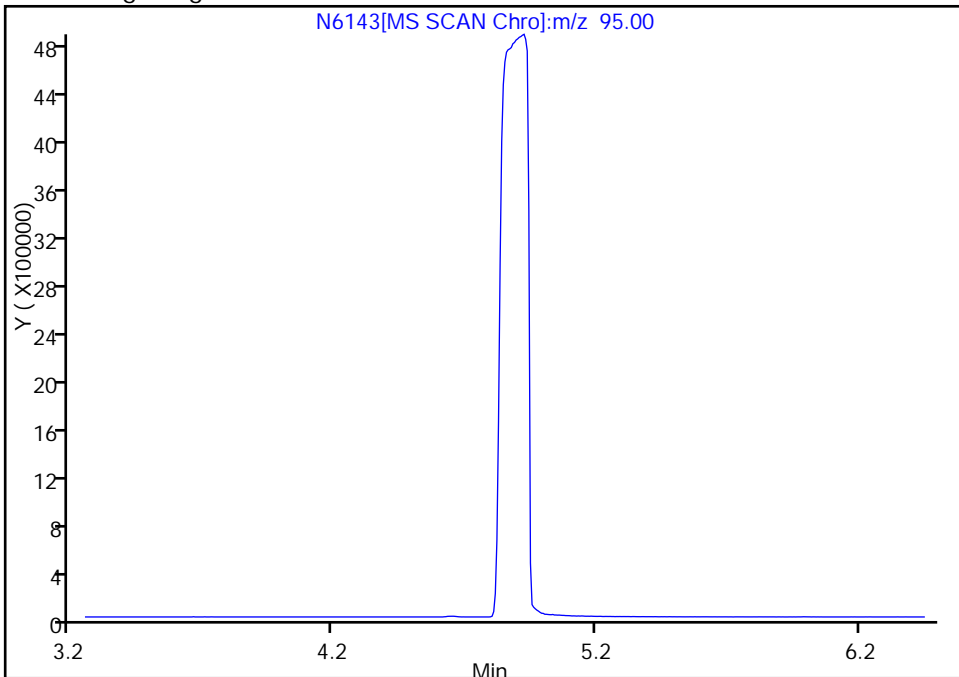
Reviewer: diasn, 10-Apr-2011 11:08:27
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: jonesr, Date: 10-Apr-2011 17:32:45

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6143.D
Injection Date: 09-Apr-2011 18:42:30 Limit Group: MV - 8260B ICAL
Client ID: MW-13S Instrument ID: HP5973N
Lims Batch ID: 11387 Lims Sample ID: 17
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

60 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 4.85

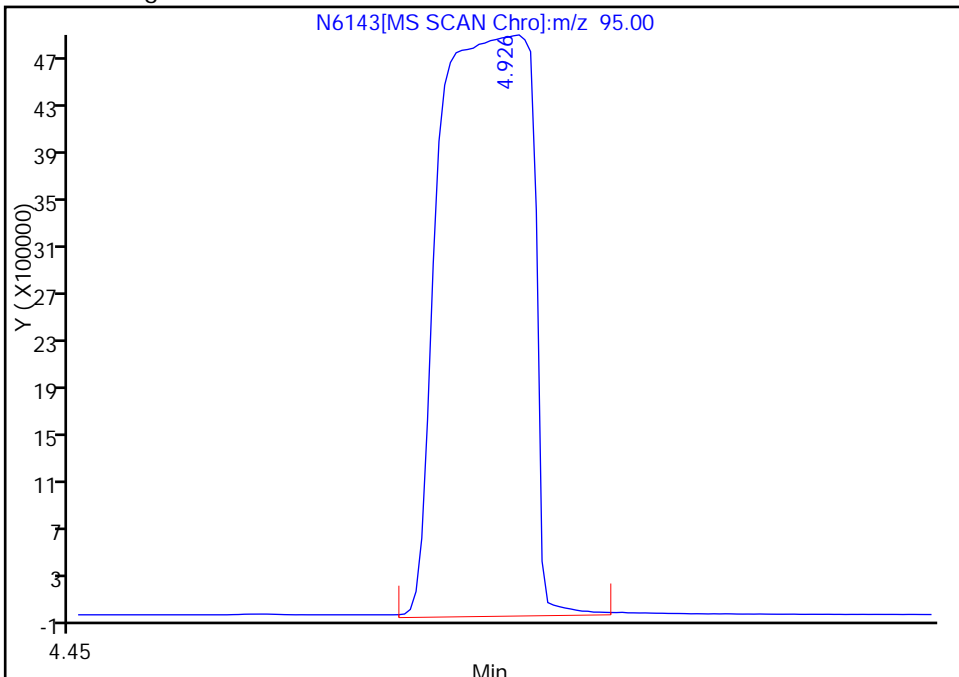
Not Detected
Expected RT: 4.85

Processing Integration Results



RT: 4.93
Response: 33101294
Amount: 5705.4102

Manual Integration Results



Reviewer: diasn, 10-Apr-2011 11:08:27
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: jonesr, Date: 10-Apr-2011 17:32:45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-13S DL Lab Sample ID: 480-3471-6 DL
 Matrix: Ground Water Lab File ID: C9844.D
 Analysis Method: 8260B Date Collected: 04/06/2011 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 16:07
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	ND		800	300
75-35-4	1,1-Dichloroethene	ND		800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	23000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-13S DL Lab Sample ID: 480-3471-6 DL
 Matrix: Ground Water Lab File ID: C9844.D
 Analysis Method: 8260B Date Collected: 04/06/2011 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 16:07
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	40000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	ND		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		66-137
2037-26-5	Toluene-d8 (Surr)	97		71-126
460-00-4	4-Bromofluorobenzene (Surr)	85		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9844.D
 Lims ID: 480-3471-B-6 Client ID: MW-13S
 Inject. Date: 12-Apr-2011 16:07:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-3471-B-6
 Misc. Info.: 480-0002205-014
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 37
 Lims Batch ID: 11663 Lims Sample ID: 14
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 11:52:12 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 17:56:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	530022	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	87	295581	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	277430	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	112041	26.3	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	606804	24.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	178538	21.4	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.102	5.114	-0.012	53	6777	0.7667	
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96		6.858					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63		8.020					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	68	222769	28.6	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95	9.715	9.716	-0.001	97	361171	49.8	
64 Methylcyclohexane	83		9.870					

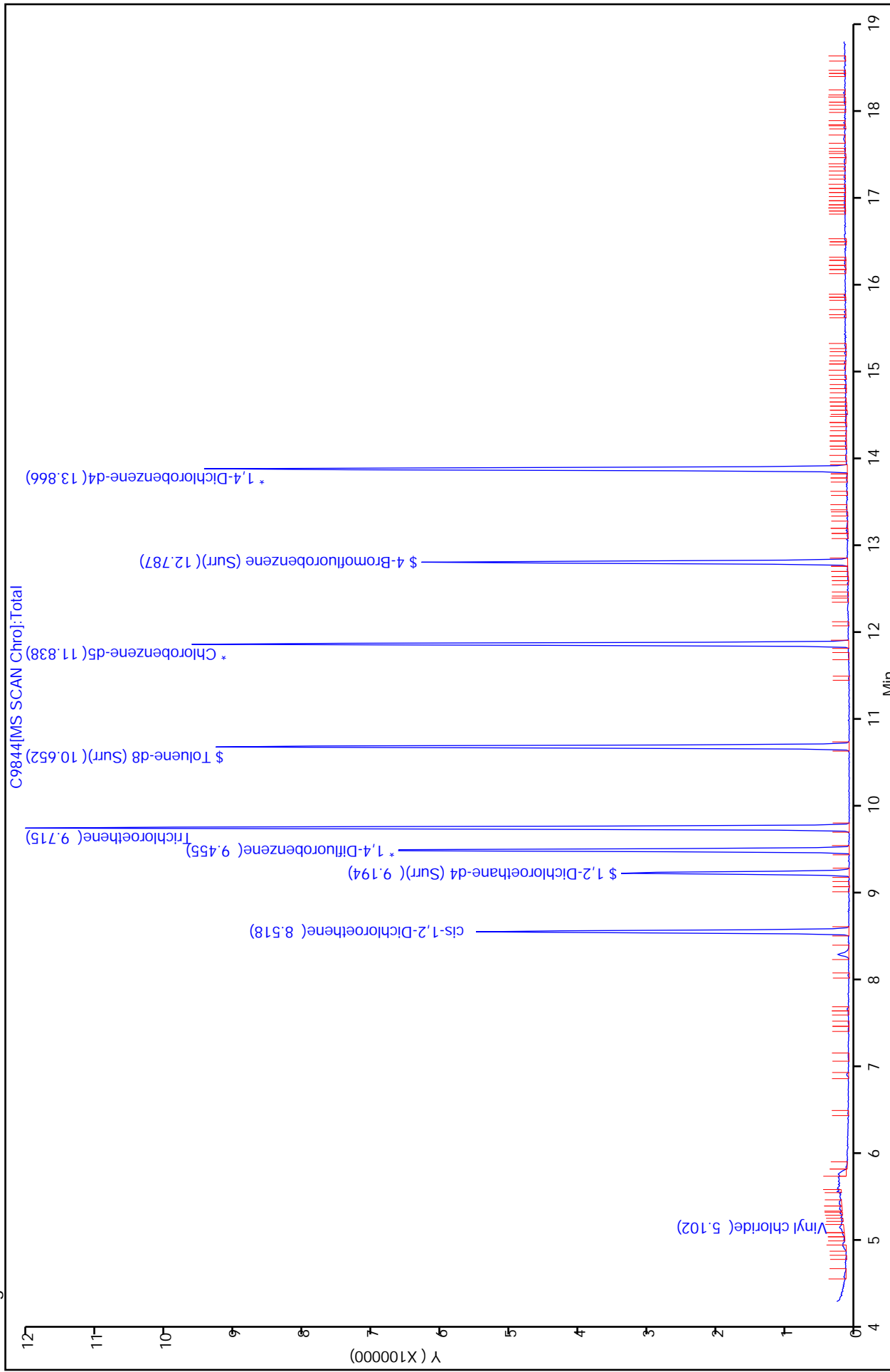
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

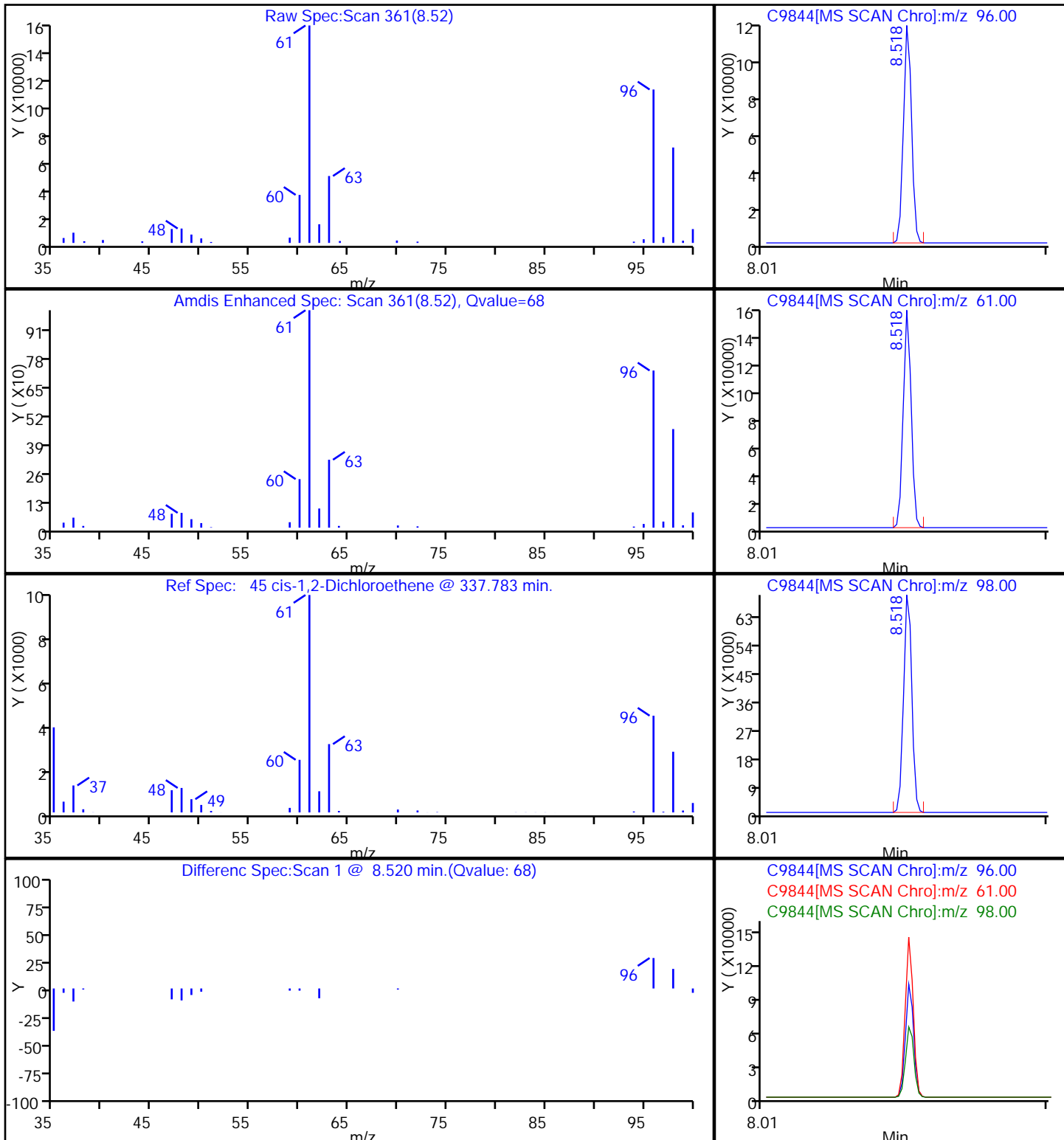
Processing Flags

7 - Failed Limit of Detection

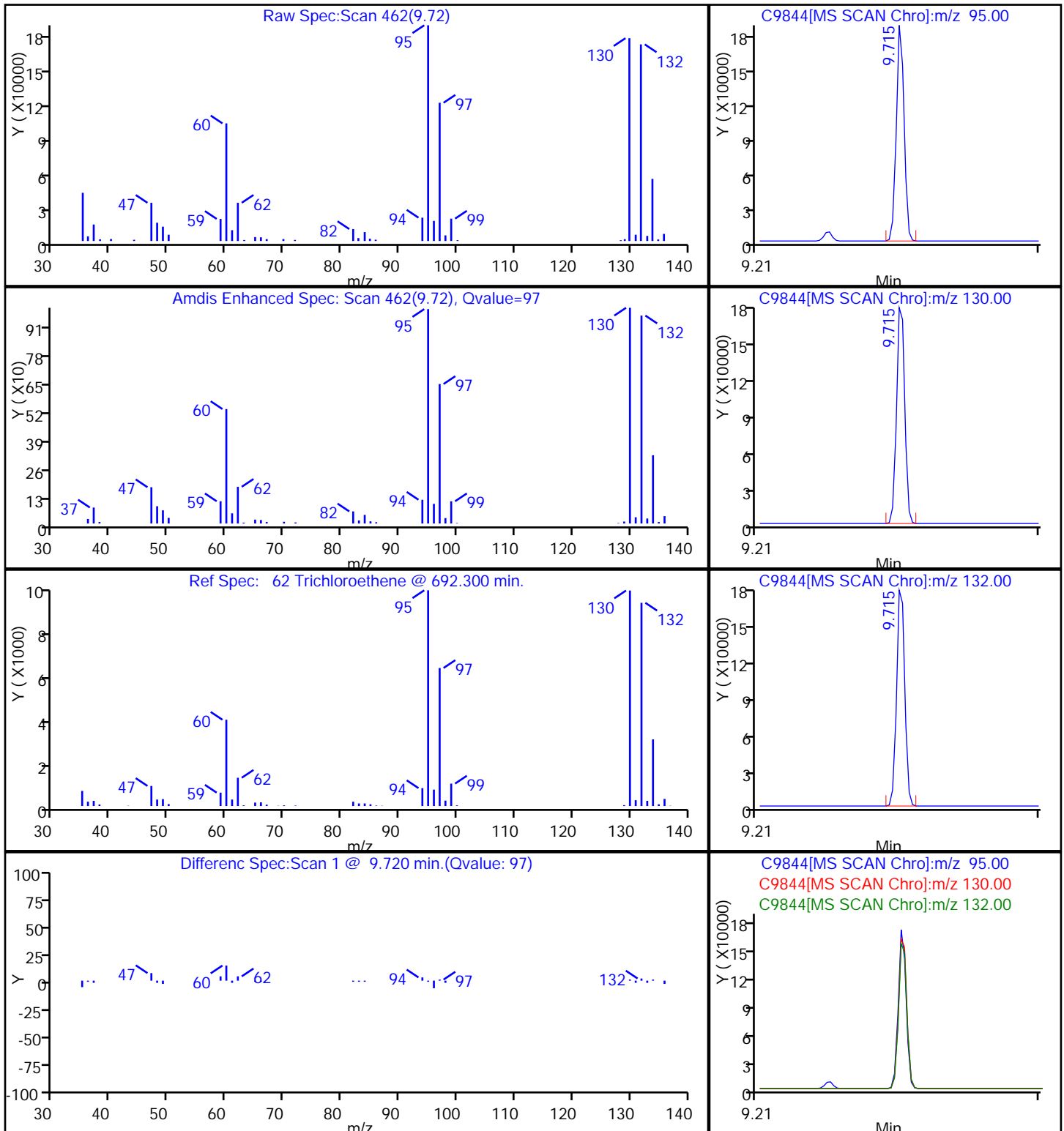
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 Injection Date: 12-Apr-2011 16:07:30
 Client ID: MW-13S
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 14
 Chrom Revision: 1.2 17-Feb-2011 18:05:56



45 cis-1,2-Dichloroethene



62 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-14D Lab Sample ID: 480-3471-7
 Matrix: Ground Water Lab File ID: N6174.D
 Analysis Method: 8260B Date Collected: 04/05/2011 12:30
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 19:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	5.6		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-14D Lab Sample ID: 480-3471-7
 Matrix: Ground Water Lab File ID: N6174.D
 Analysis Method: 8260B Date Collected: 04/05/2011 12:30
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 19:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.97	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.6		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6174.D
 Lims ID: 480-3471-A-7 Client ID: MW-14D
 Inject. Date: 10-Apr-2011 19:42:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-7
 Misc. Info.: 480-0002160-018
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 18
 Lims Batch ID: 11454 Lims Sample ID: 18
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 10-Apr-2011 20:56:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	436615	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.439	-0.001	84	389787	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	201576	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	175472	30.5	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	485953	25.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	156328	25.8	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.179	1.172	0.006	80	10127	2.56	
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63		3.004					
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	65	28846	5.62	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.859	4.853	0.006	86	4914	0.9732	
62 Methylcyclohexane	83		4.975					

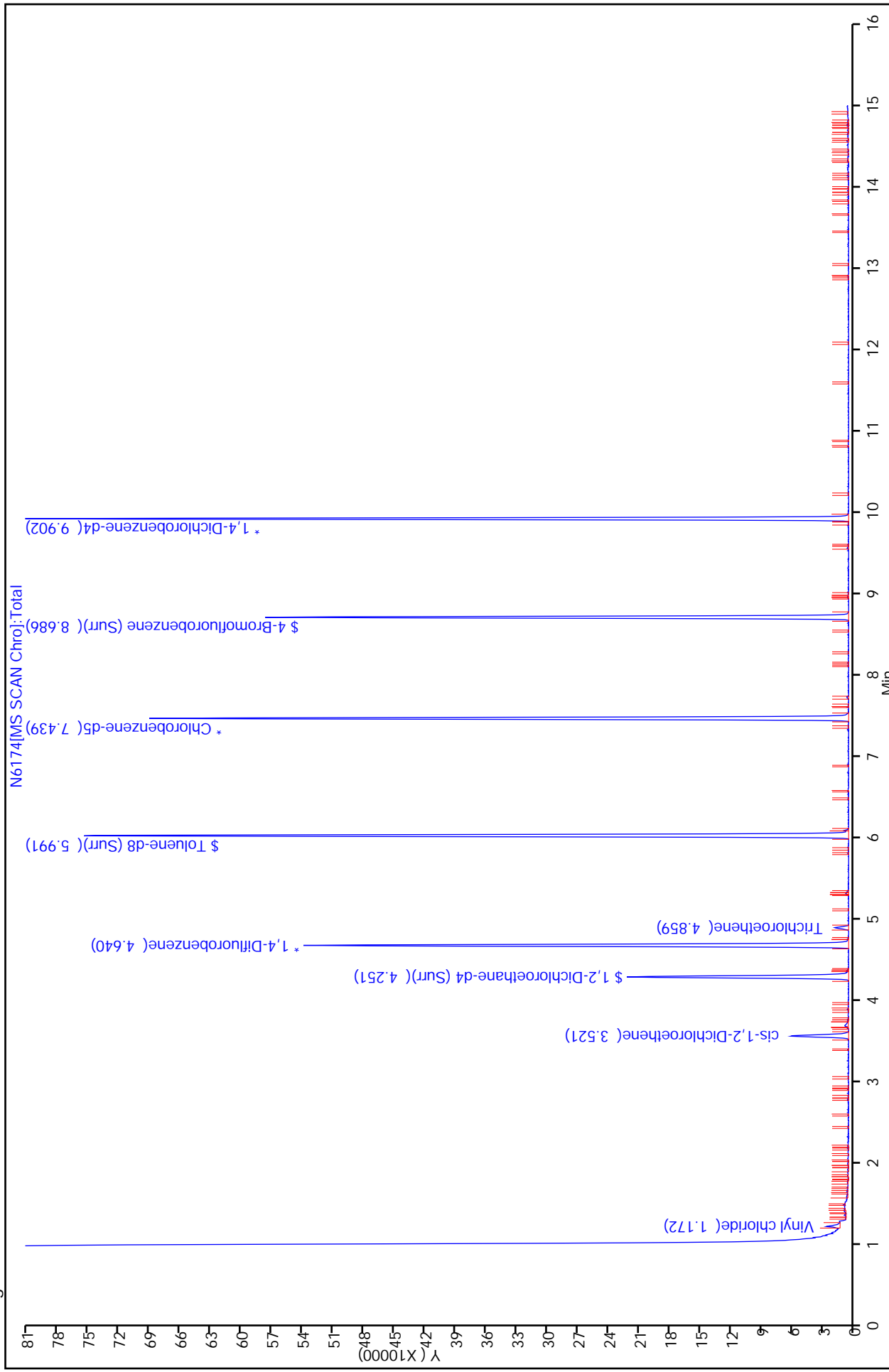
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

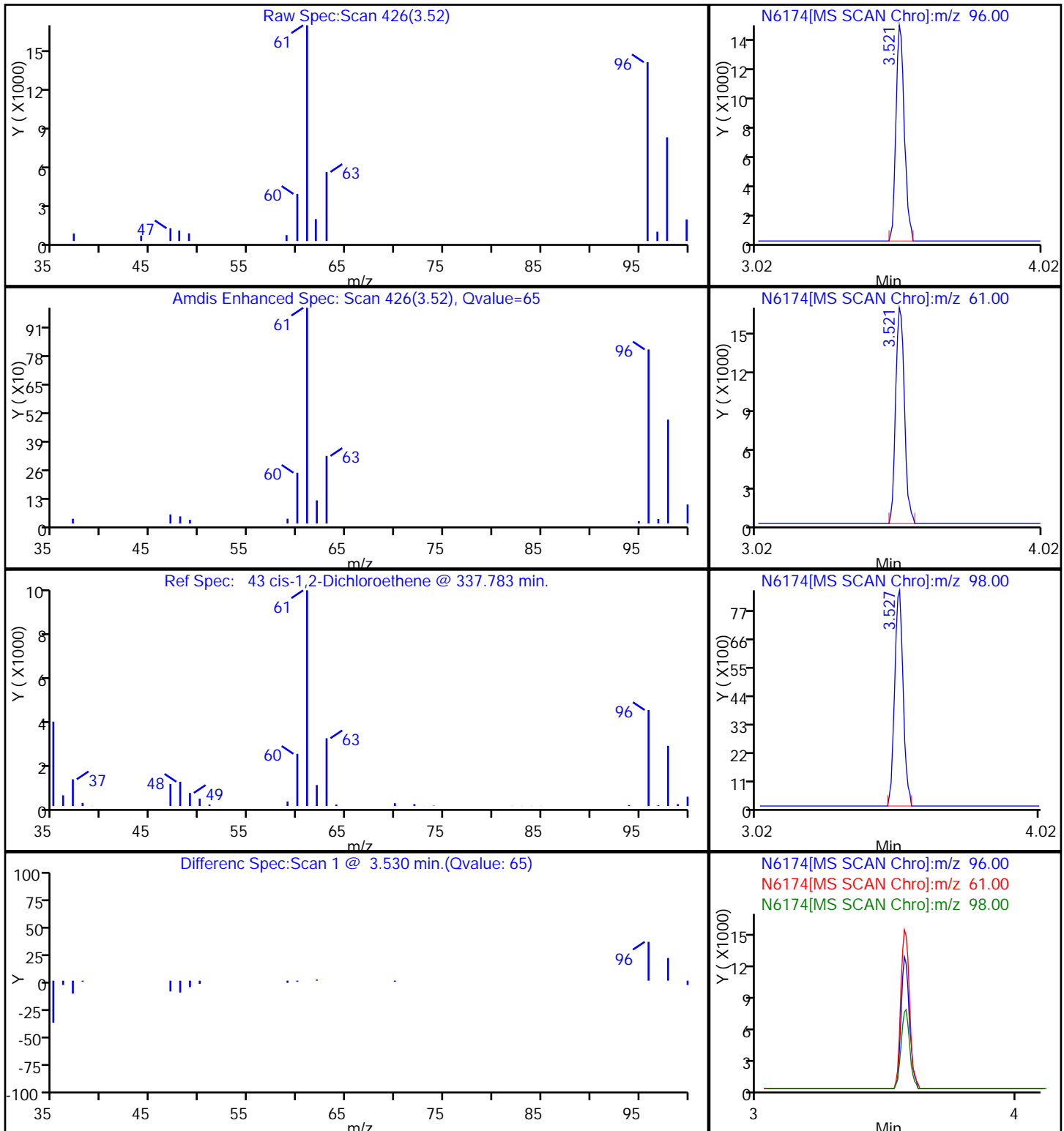
Processing Flags

7 - Failed Limit of Detection

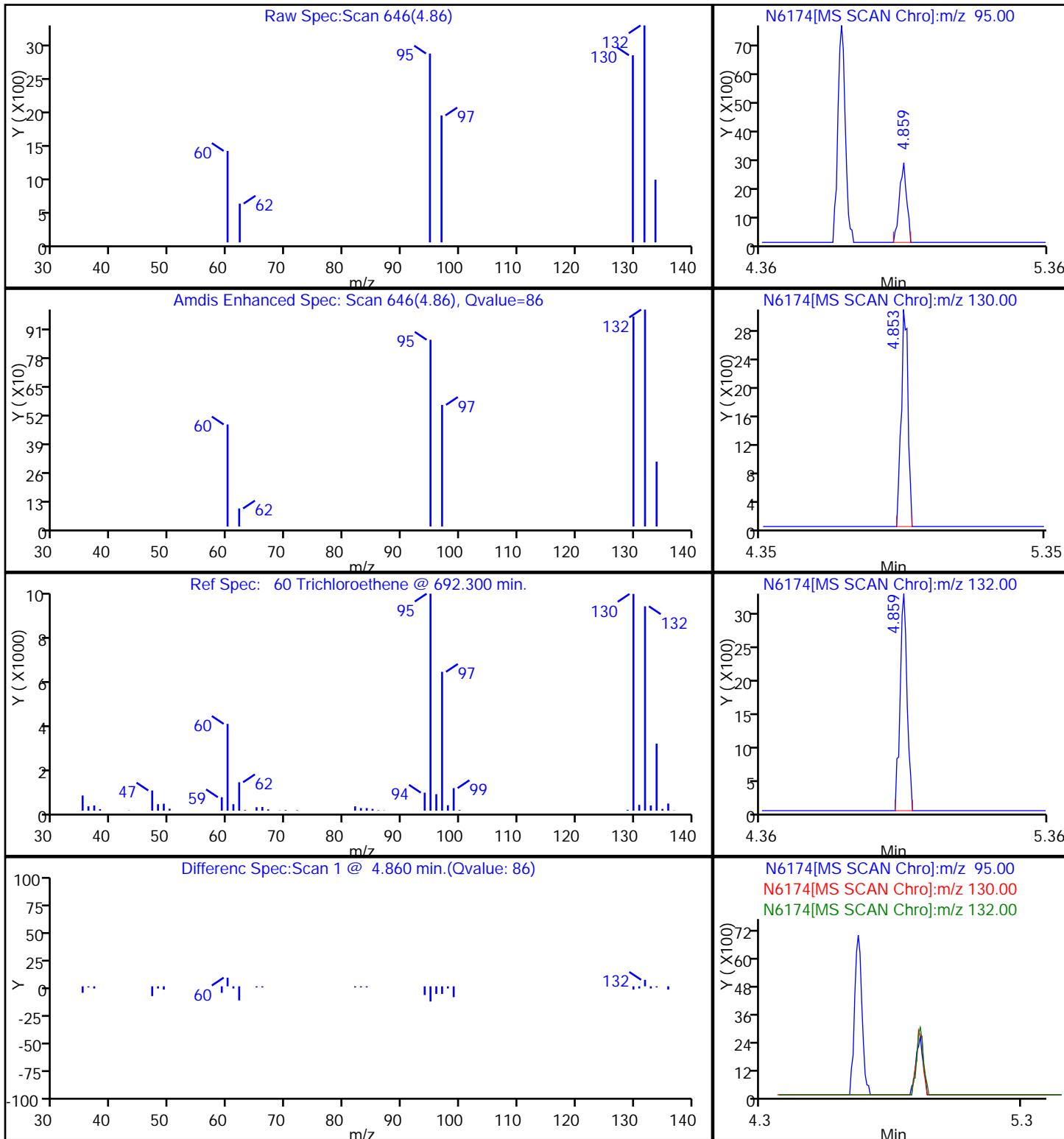
Report Date: 10-Apr-2011 20:56:15
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6174.D
 Injection Date: 10-Apr-2011 19:42:30
 Client ID: MW-14D
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 18



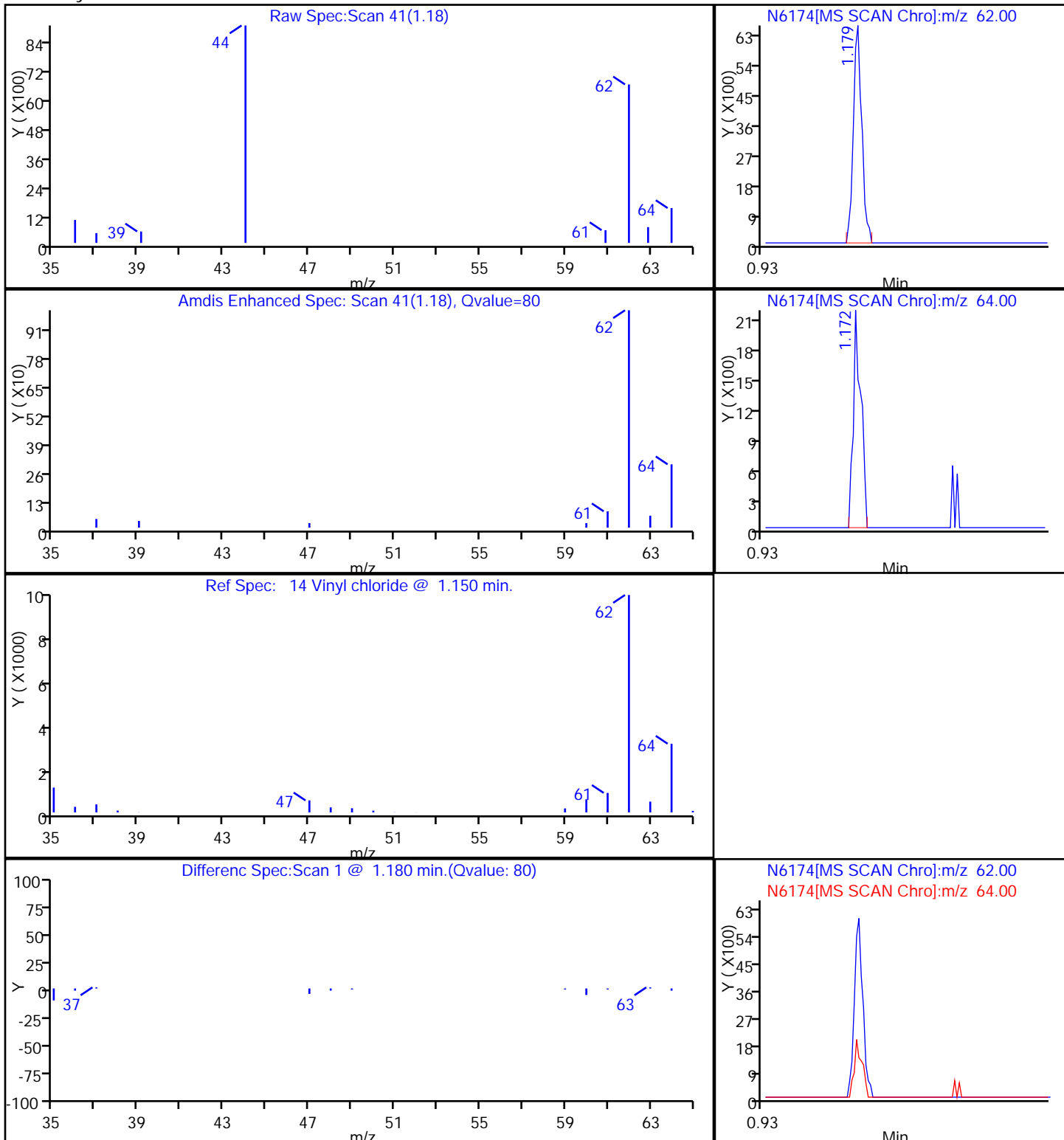
43 cis-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-14S Lab Sample ID: 480-3471-8
 Matrix: Ground Water Lab File ID: N6175.D
 Analysis Method: 8260B Date Collected: 04/05/2011 11:20
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	1.9		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-14S Lab Sample ID: 480-3471-8
 Matrix: Ground Water Lab File ID: N6175.D
 Analysis Method: 8260B Date Collected: 04/05/2011 11:20
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 20:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6175.D
 Lims ID: 480-3471-A-8 Client ID: MW-14S
 Inject. Date: 10-Apr-2011 20:06:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-8
 Misc. Info.: 480-0002160-019
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 19
 Lims Batch ID: 11454 Lims Sample ID: 19
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 11-Apr-2011 09:23:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	441834	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.439	0.0	83	402652	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	203987	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	178800	30.7	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	489902	24.9	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	159521	25.5	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.004	3.004	0.0	81	16384	1.85	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	42	5774	1.11	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.975					

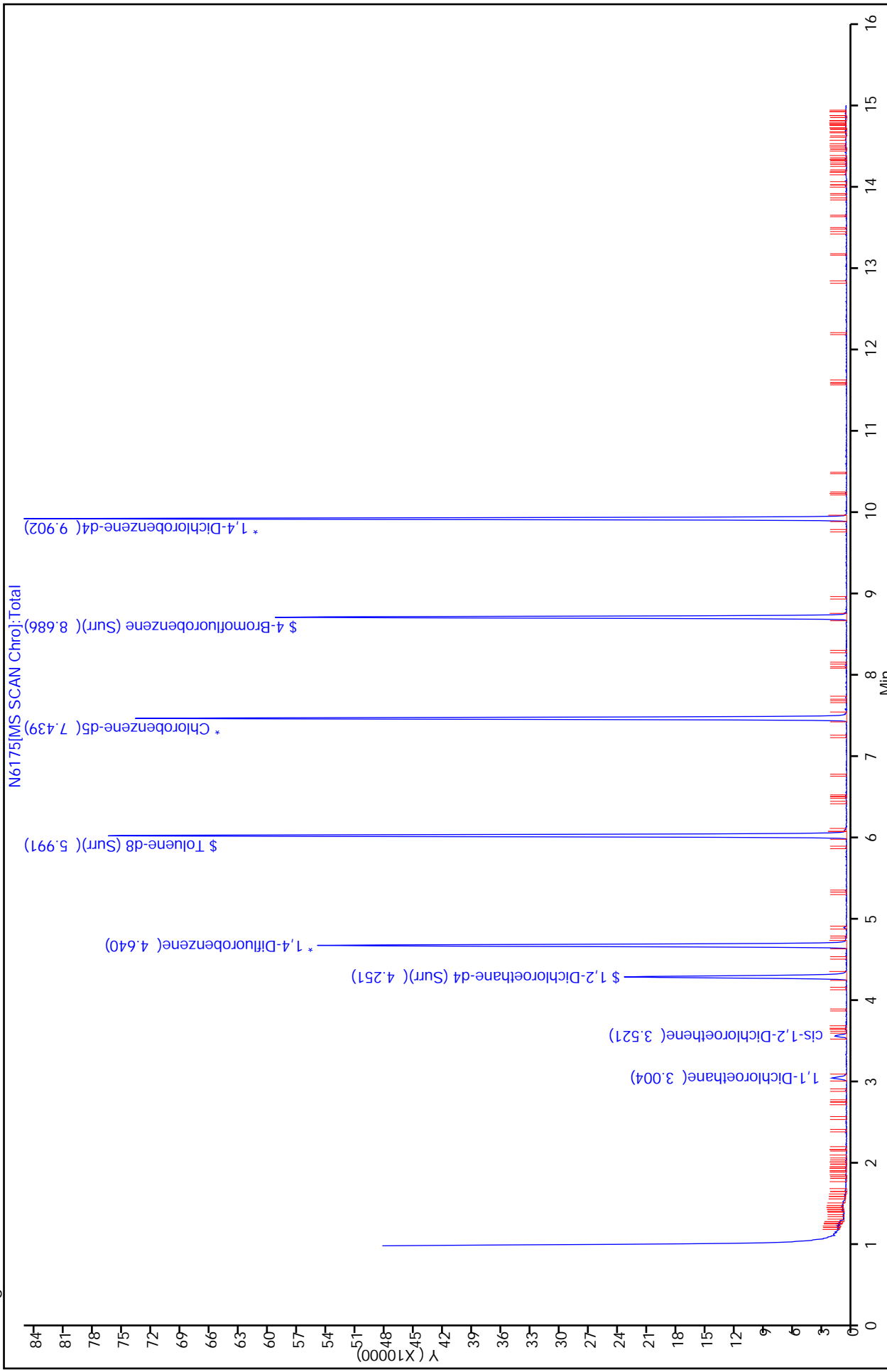
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

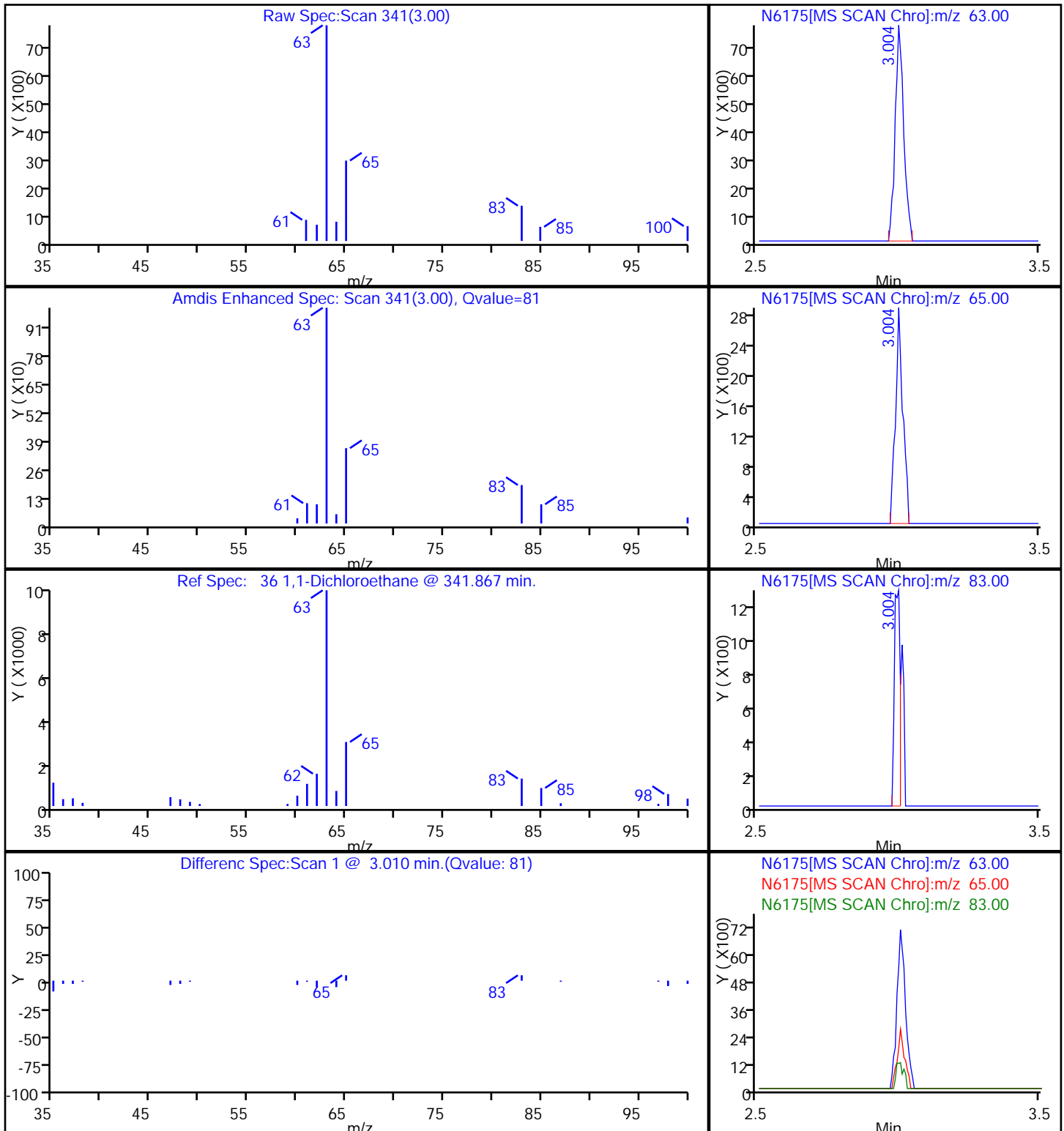
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7 - Failed Limit of Detection

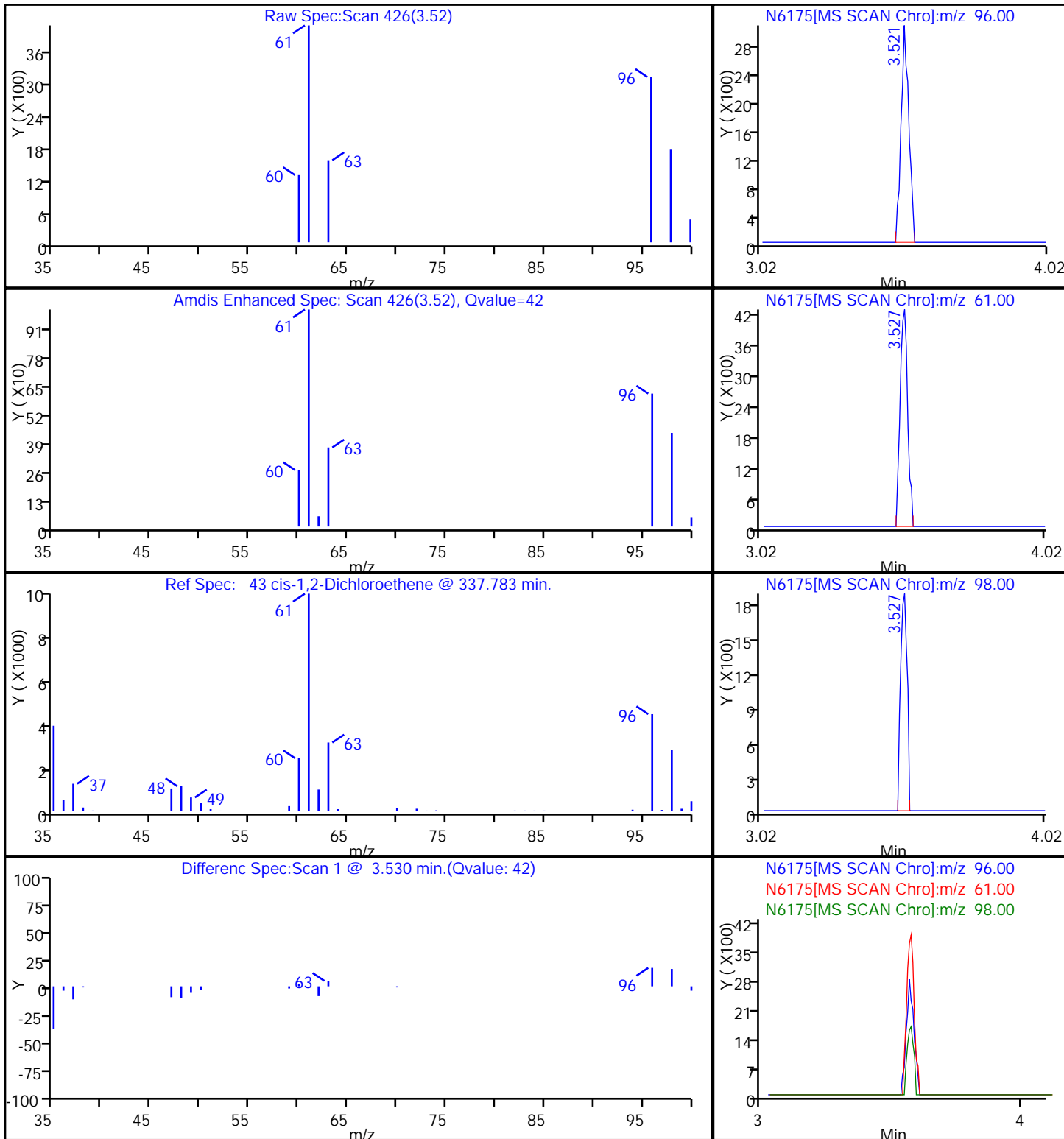
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 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6175.D
 Injection Date: 10-Apr-2011 20:06:30
 Client ID: MW-14S
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 19



36 1,1-Dichloroethane



43 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-15D Lab Sample ID: 480-3471-9
 Matrix: Ground Water Lab File ID: C9845.D
 Analysis Method: 8260B Date Collected: 04/05/2011 15:35
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 16:32
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		8.0	6.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.0	1.7
79-00-5	1,1,2-Trichloroethane	ND		8.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5
75-34-3	1,1-Dichloroethane	13		8.0	3.0
75-35-4	1,1-Dichloroethene	ND		8.0	2.3
120-82-1	1,2,4-Trichlorobenzene	ND		8.0	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	ND		8.0	3.1
106-93-4	1,2-Dibromoethane	ND		8.0	5.8
95-50-1	1,2-Dichlorobenzene	ND		8.0	6.3
107-06-2	1,2-Dichloroethane	ND		8.0	1.7
78-87-5	1,2-Dichloropropane	ND		8.0	5.8
541-73-1	1,3-Dichlorobenzene	ND		8.0	6.2
106-46-7	1,4-Dichlorobenzene	ND		8.0	6.7
591-78-6	2-Hexanone	ND		40	9.9
78-93-3	2-Butanone (MEK)	ND		80	11
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		40	17
67-64-1	Acetone	ND		80	24
71-43-2	Benzene	ND		8.0	3.3
75-27-4	Bromodichloromethane	ND		8.0	3.1
75-25-2	Bromoform	ND		8.0	2.1
74-83-9	Bromomethane	ND		8.0	5.5
75-15-0	Carbon disulfide	ND		8.0	1.5
56-23-5	Carbon tetrachloride	ND		8.0	2.2
108-90-7	Chlorobenzene	ND		8.0	6.0
124-48-1	Dibromochloromethane	ND		8.0	2.6
75-00-3	Chloroethane	400		8.0	2.6
67-66-3	Chloroform	ND		8.0	2.7
74-87-3	Chloromethane	ND		8.0	2.8
156-59-2	cis-1,2-Dichloroethene	38		8.0	6.5
10061-01-5	cis-1,3-Dichloropropene	ND		8.0	2.9
110-82-7	Cyclohexane	ND		8.0	1.4
75-71-8	Dichlorodifluoromethane	ND		8.0	5.4
100-41-4	Ethylbenzene	ND		8.0	5.9
98-82-8	Isopropylbenzene	ND		8.0	6.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-15D Lab Sample ID: 480-3471-9
 Matrix: Ground Water Lab File ID: C9845.D
 Analysis Method: 8260B Date Collected: 04/05/2011 15:35
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 16:32
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		8.0	4.0
1634-04-4	Methyl tert-butyl ether	ND		8.0	1.3
108-87-2	Methylcyclohexane	ND		8.0	1.3
75-09-2	Methylene Chloride	ND		8.0	3.5
100-42-5	Styrene	ND		8.0	5.8
127-18-4	Tetrachloroethene	ND		8.0	2.9
108-88-3	Toluene	ND		8.0	4.1
156-60-5	trans-1,2-Dichloroethene	ND		8.0	7.2
10061-02-6	trans-1,3-Dichloropropene	ND		8.0	3.0
79-01-6	Trichloroethene	ND		8.0	3.7
75-69-4	Trichlorofluoromethane	ND		8.0	7.0
75-01-4	Vinyl chloride	26		8.0	7.2
1330-20-7	Xylenes, Total	ND		16	5.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9845.D
 Lims ID: 480-3471-B-9 Client ID: MW-15D
 Inject. Date: 12-Apr-2011 16:32:30 Dil. Factor: 8.0000
 Sample Type: Client
 Sample ID: 480-3471-B-9
 Misc. Info.: 480-0002205-015
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 38
 Lims Batch ID: 11663 Lims Sample ID: 15
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 11:52:12 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 17:57:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	512241	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	87	281562	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	267999	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	109453	26.6	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	589673	24.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	89	176765	22.2	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.102	5.114	-0.012	81	27855	3.26	
14 Bromomethane	94		5.719					
15 Chloroethane	64	5.861	5.862	-0.001	99	257290	50.4	
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96		6.858					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84	7.379	7.379	0.0	78	2928	0.4002	
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63	8.020	8.020	0.0	82	19005	1.60	
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	69	35973	4.78	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95		9.716					
64 Methylcyclohexane	83		9.870					

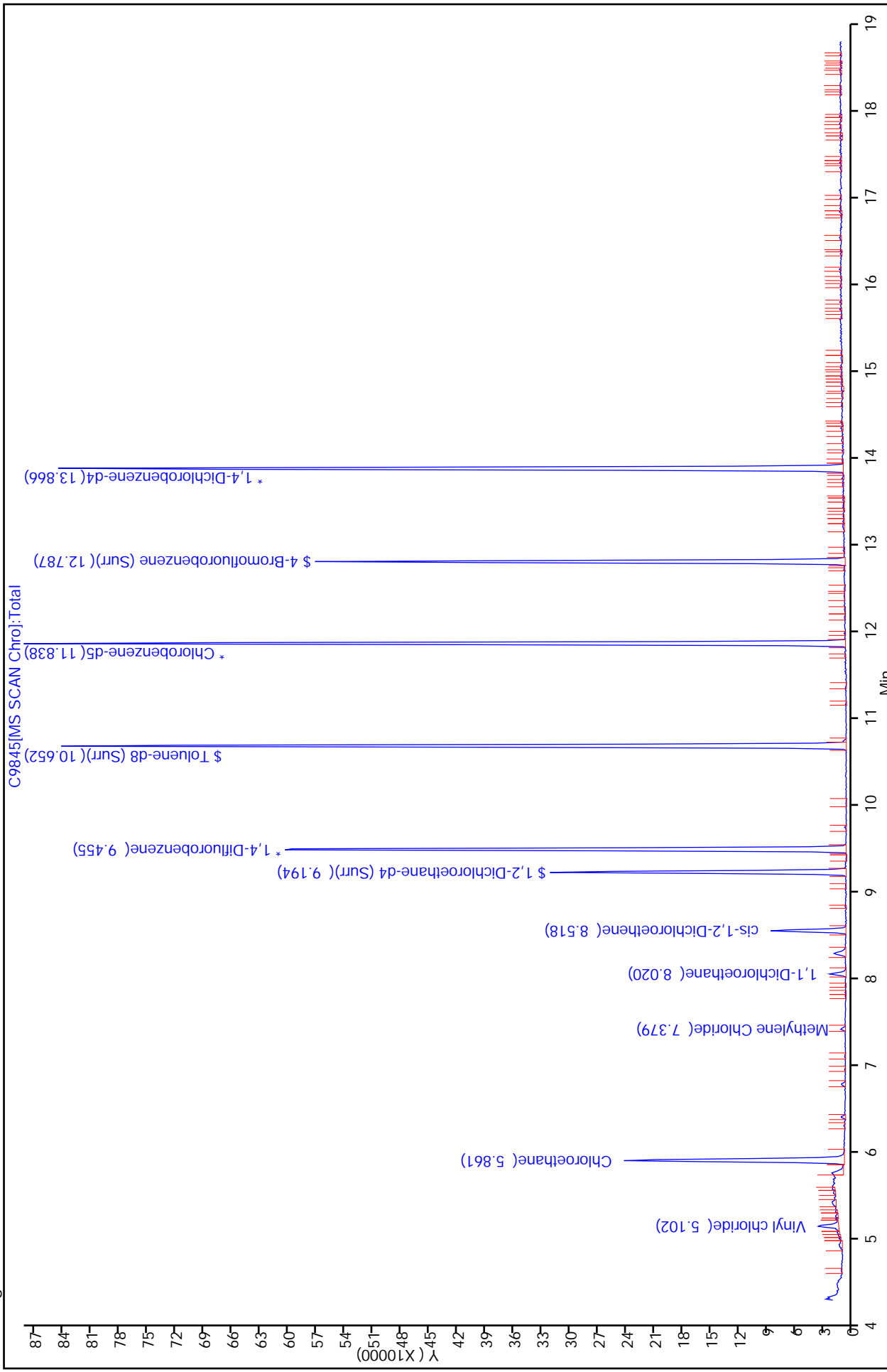
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

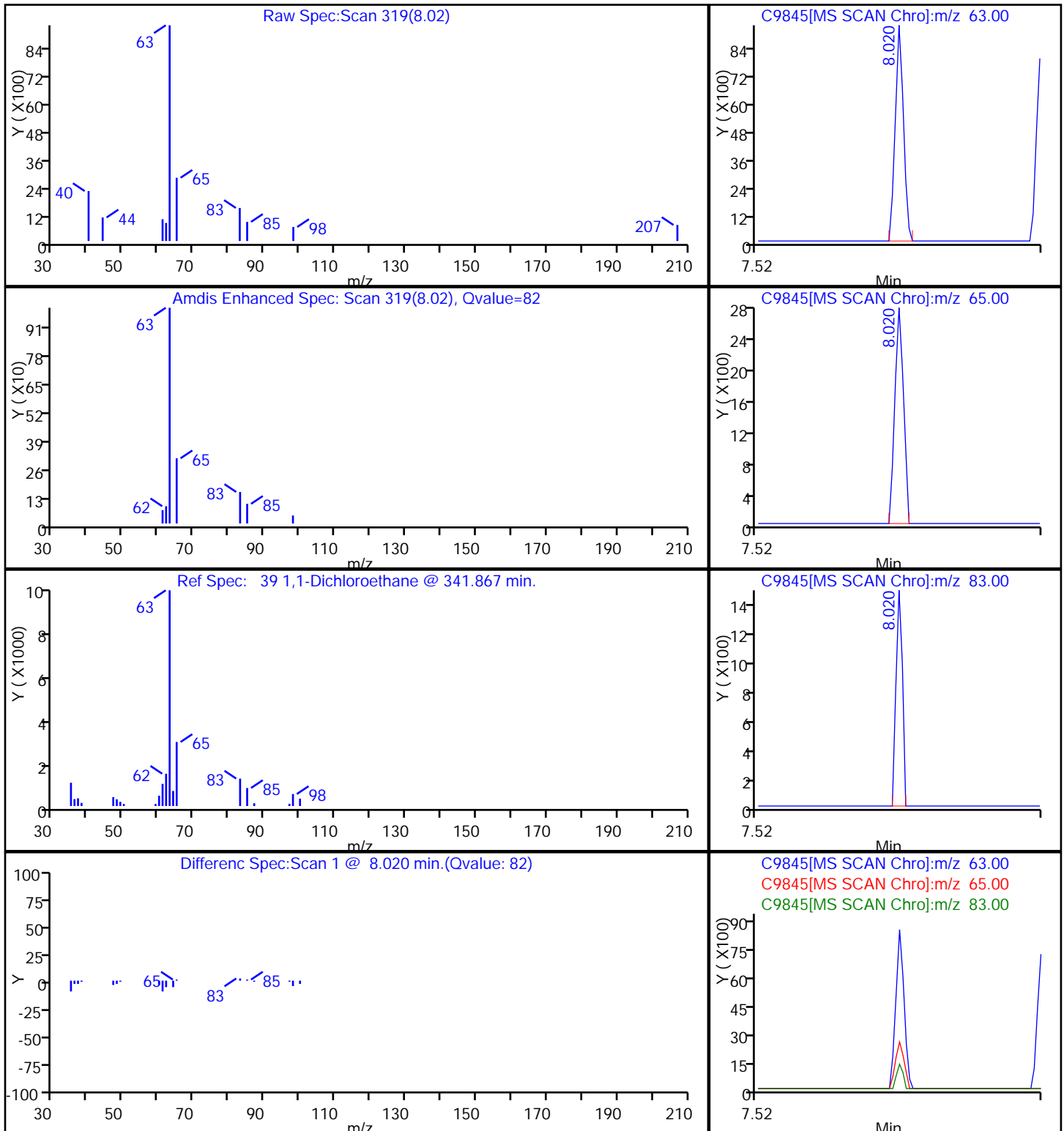
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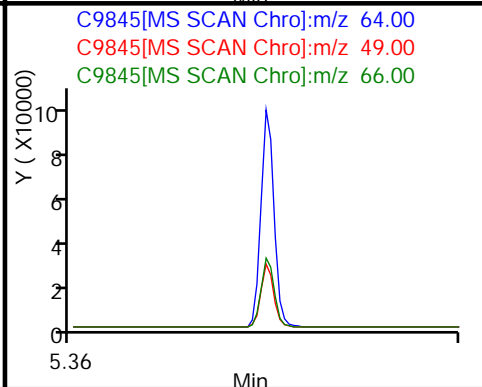
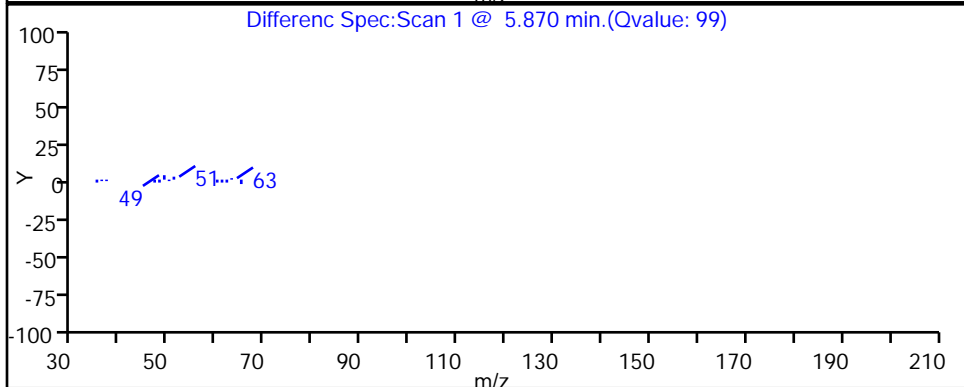
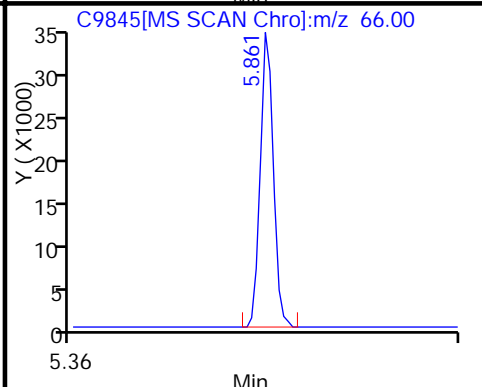
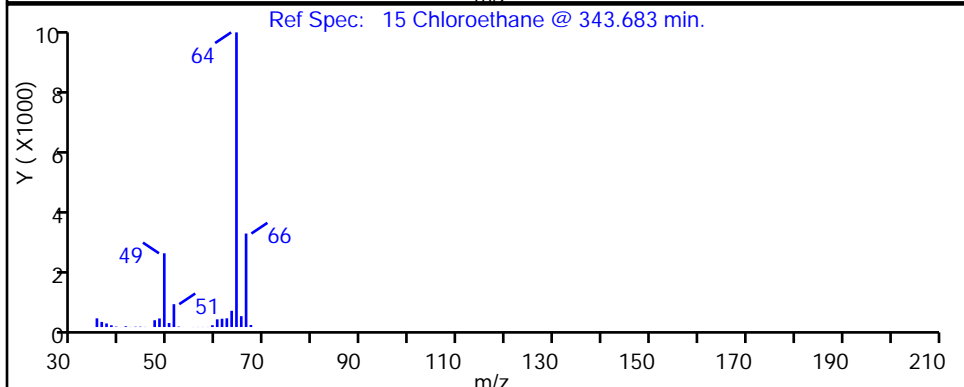
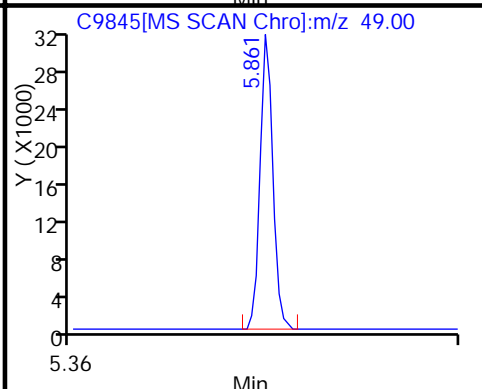
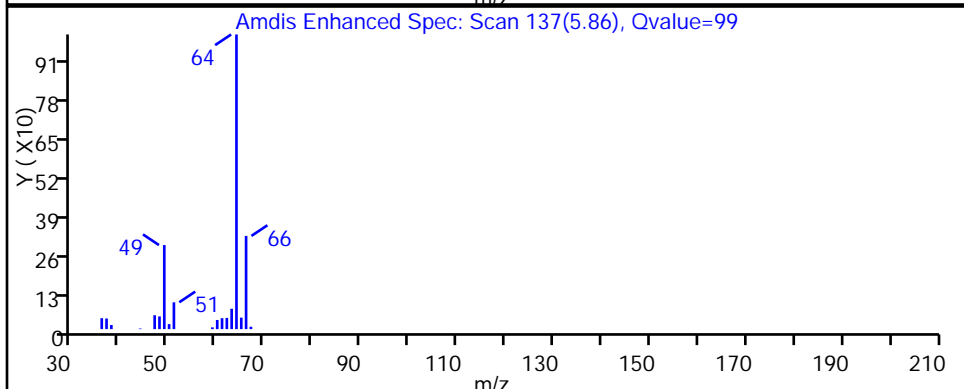
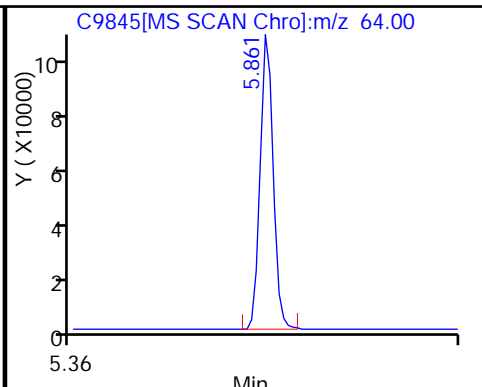
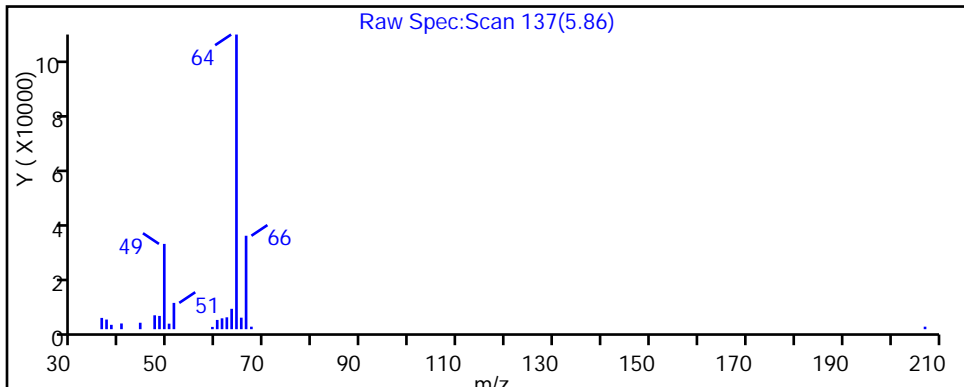
Report Date: 12-Apr-2011 17:57:06
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 Injection Date: 12-Apr-2011 16:32:30
 Client ID: MW-15D
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 15



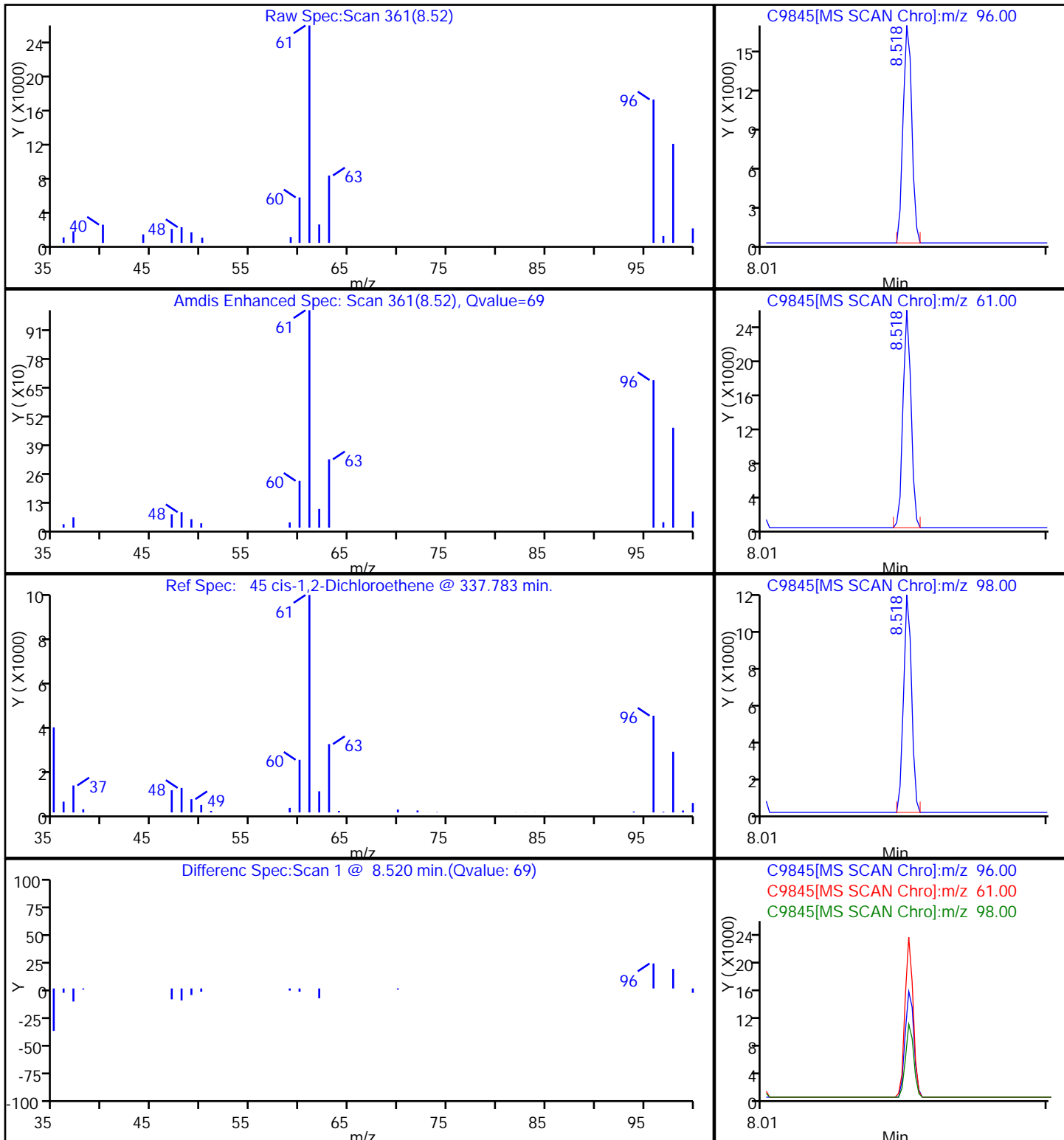
39 1,1-Dichloroethane



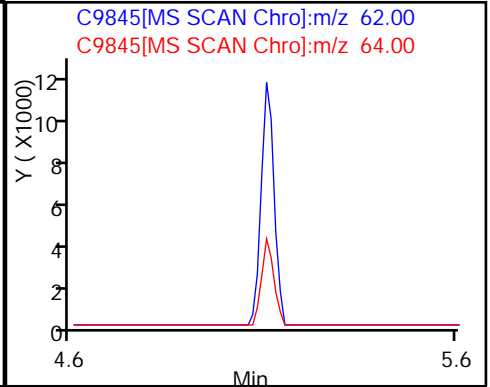
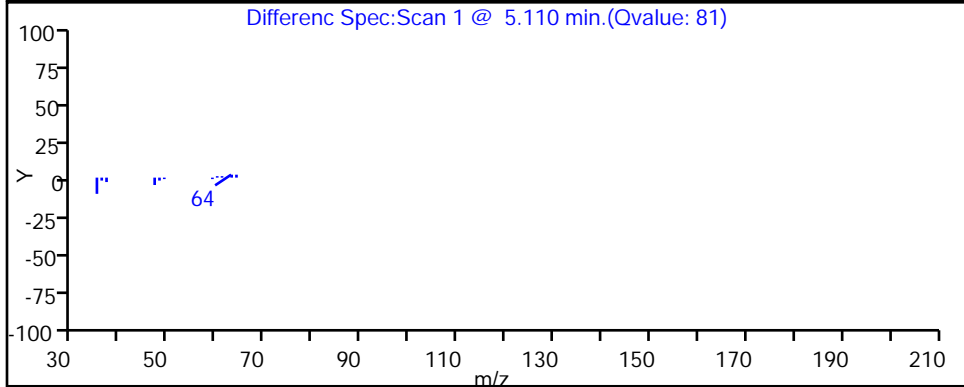
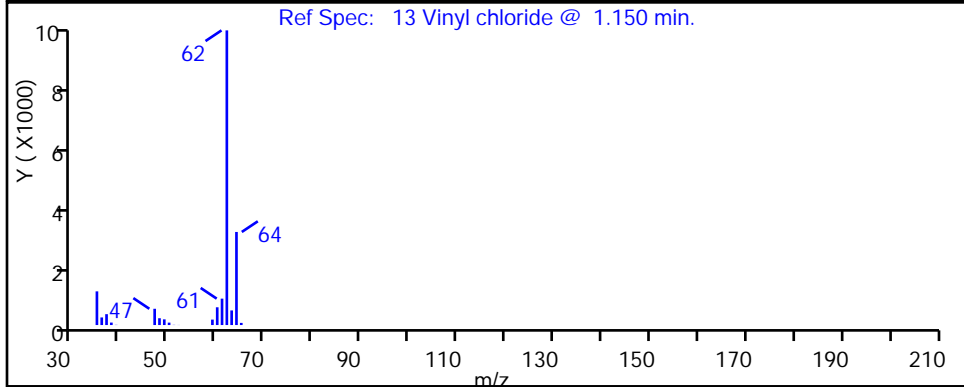
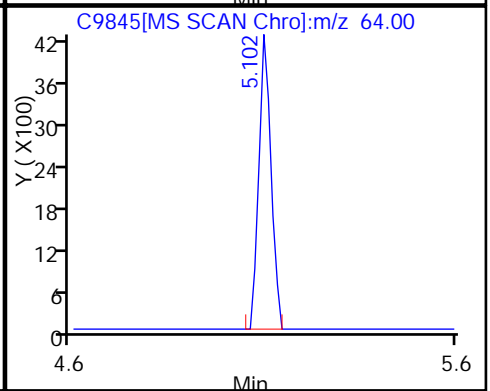
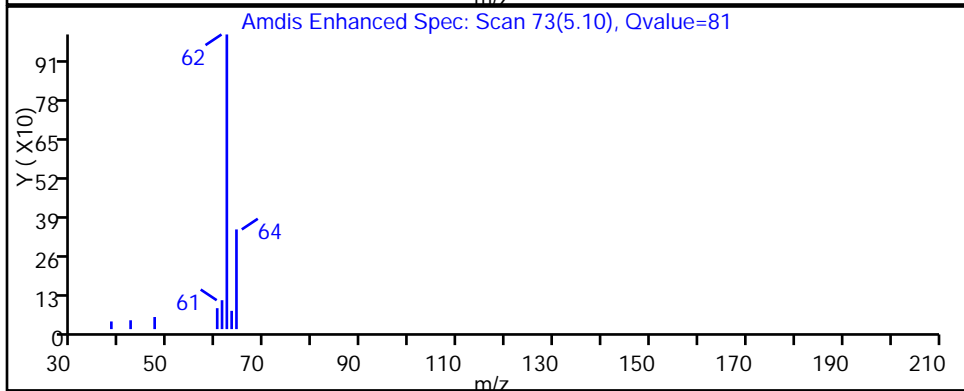
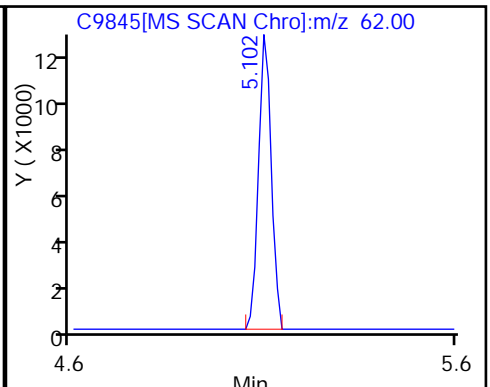
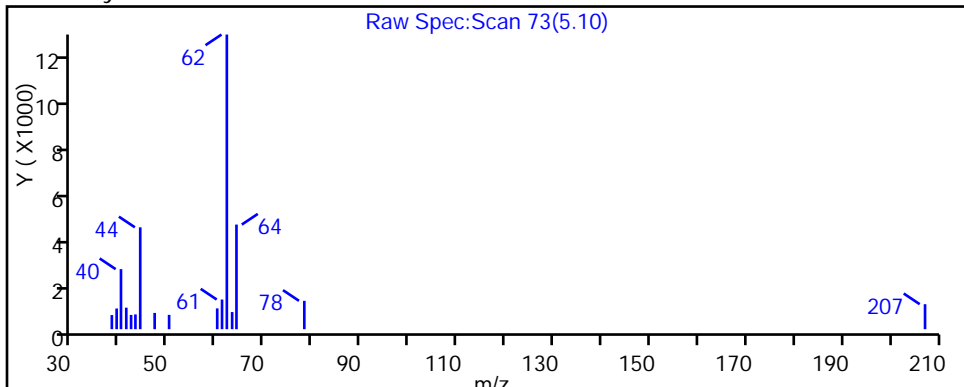
15 Chloroethane



45 cis-1,2-Dichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-15S Lab Sample ID: 480-3471-10
 Matrix: Ground Water Lab File ID: N6147.D
 Analysis Method: 8260B Date Collected: 04/07/2011 08:45
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 20:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	670	E	1.0	0.38
75-35-4	1,1-Dichloroethene	19		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	1.3		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	12		5.0	1.2
78-93-3	2-Butanone (MEK)	310		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	27		5.0	2.1
67-64-1	Acetone	1600	E	10	3.0
71-43-2	Benzene	2.7		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	280	E	1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	960	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	6.4		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-15S Lab Sample ID: 480-3471-10
 Matrix: Ground Water Lab File ID: N6147.D
 Analysis Method: 8260B Date Collected: 04/07/2011 08:45
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 20:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	2.9		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	0.73	J	1.0	0.36
108-88-3	Toluene	120	E	1.0	0.51
156-60-5	trans-1,2-Dichloroethene	5.5		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	180	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	370	E	1.0	0.90
1330-20-7	Xylenes, Total	34		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6147.D
 Lims ID: 480-3471-A-10 Client ID: MW-15S
 Inject. Date: 09-Apr-2011 20:14:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-10
 Misc. Info.: 480-0002148-021
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 44
 Lims Batch ID: 11387 Lims Sample ID: 21
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 10-Apr-2011 10:45:54 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 10-Apr-2011 11:13:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	92	496959	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.438	0.001	84	442570	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	235716	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	201325	30.7	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.001	80	551563	25.5	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	182063	26.5	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62	1.185	1.172	0.013	81	1645086	365.1	5
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.440	1.428	0.012	99	660972	275.0	5
18 Trichlorofluoromethane	101		1.635					
22 1,1-Dichloroethene	96	2.012	2.000	0.012	86	97452	18.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43	2.073	2.085	-0.012	97	2610331	1618.7	5
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.334					
30 Methylene Chloride	84	2.444	2.438	0.006	86	16248	2.91	
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96	2.633	2.626	0.007	98	29054	5.45	
36 1,1-Dichloroethane	63	3.004	3.003	0.001	81	6646207	668.7	5
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	64	5614776	961.2	5
44 2-Butanone (MEK)	43	3.551	3.557	-0.006	100	830984	314.0	
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78	4.251	4.251	0.0	50	63105	2.66	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	95	9598	1.27	
60 Trichloroethene	95	4.853	4.853	0.0	97	1015738	176.7	5
62 Methylcyclohexane	83		4.968					

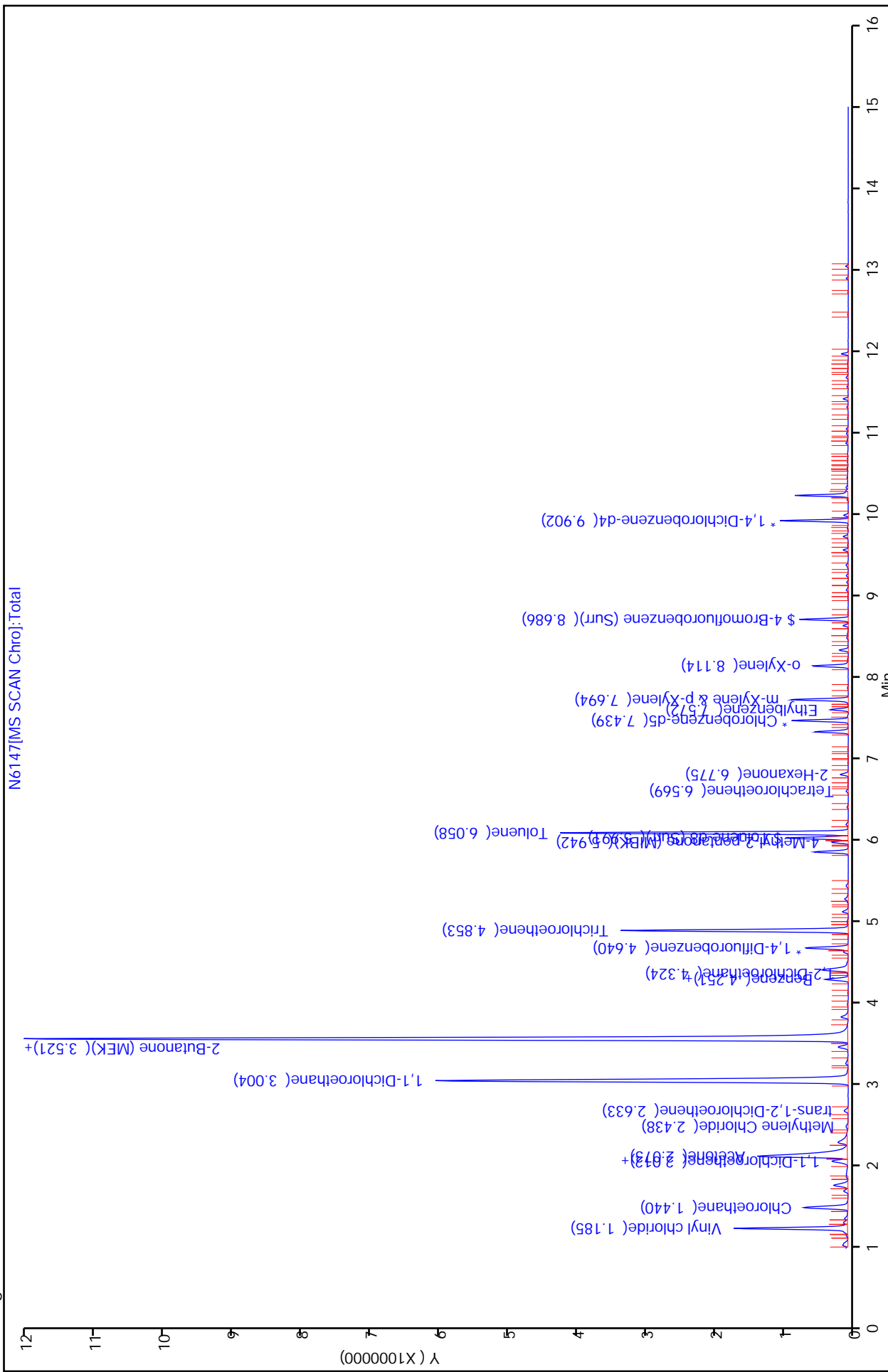
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.364					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43	5.942	5.936	0.006	96	147666	26.9	
73 Toluene	92	6.058	6.051	0.007	99	1762309	118.4	5
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166	6.581	6.575	0.006	42	4499	0.7316	
82 2-Hexanone	43	6.769	6.769	0.0	72	45970	11.8	
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91	7.572	7.572	0.0	98	177890	6.45	
90 m-Xylene & p-Xylene	106	7.694	7.700	-0.006	99	230947	20.7	
91 o-Xylene	106	8.114	8.108	0.006	97	141985	13.2	
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.917					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1				0		33.9	

QC Flag Legend

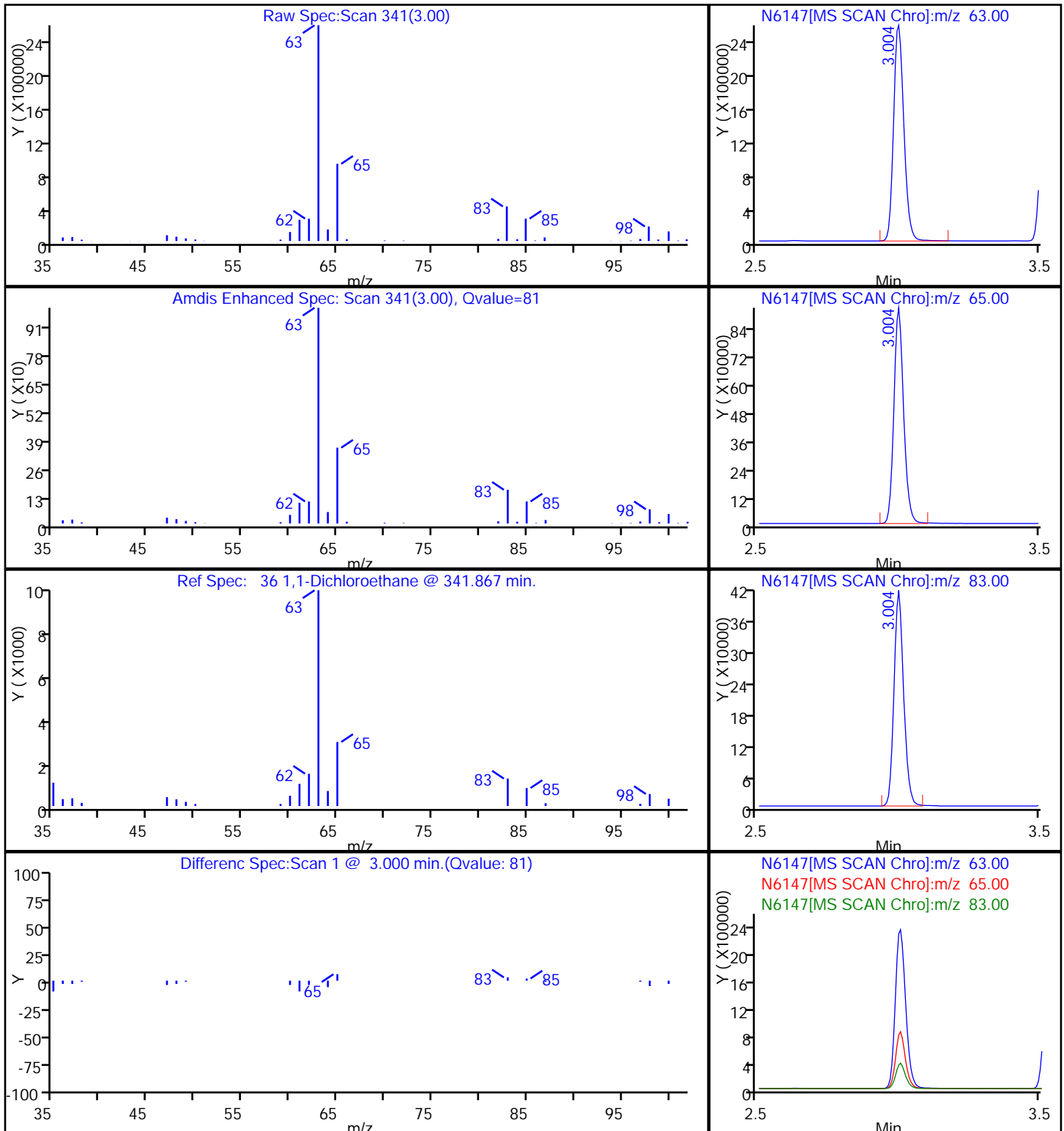
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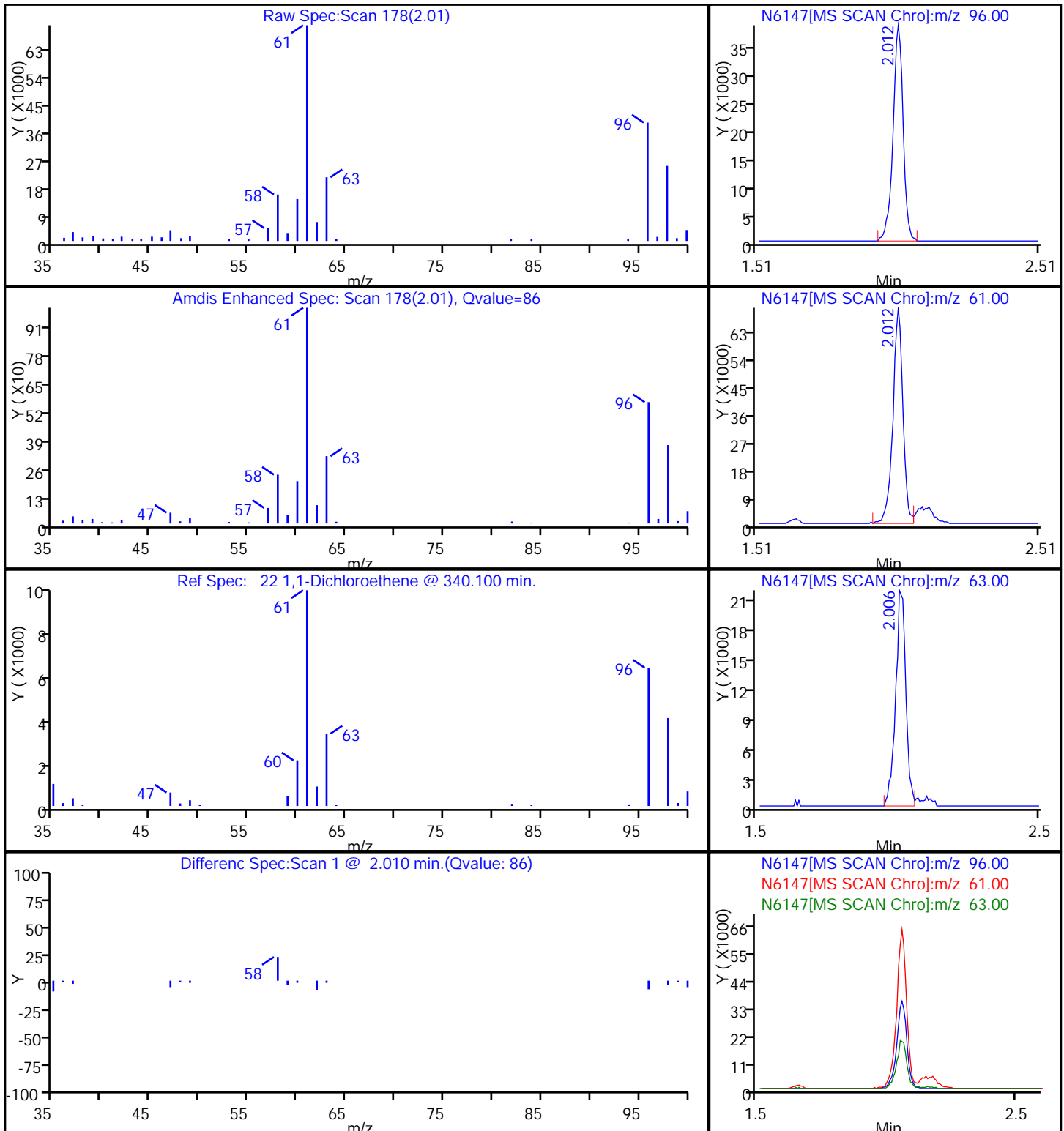
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 Client ID: MW-15S
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 21

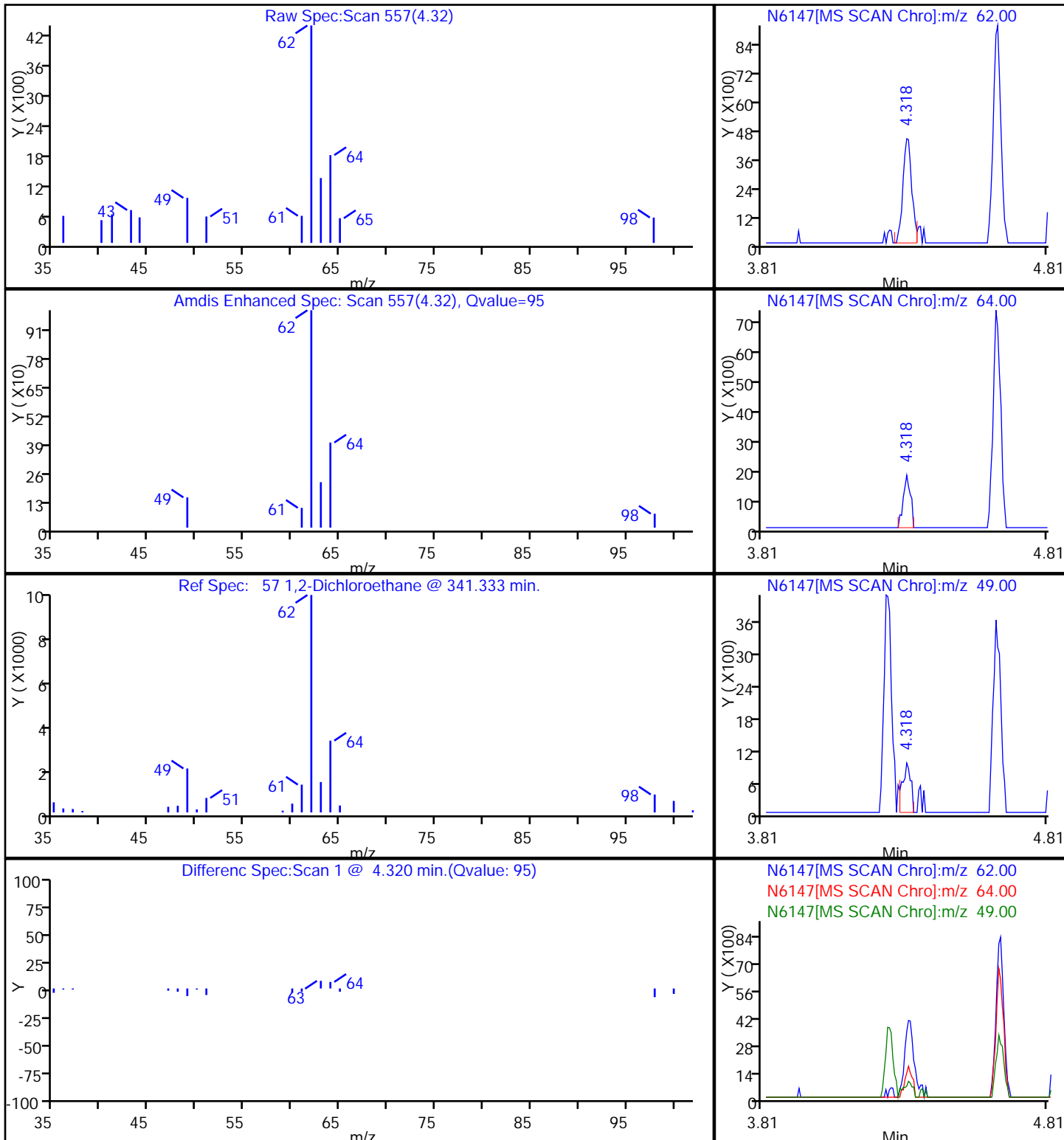


36 1,1-Dichloroethane

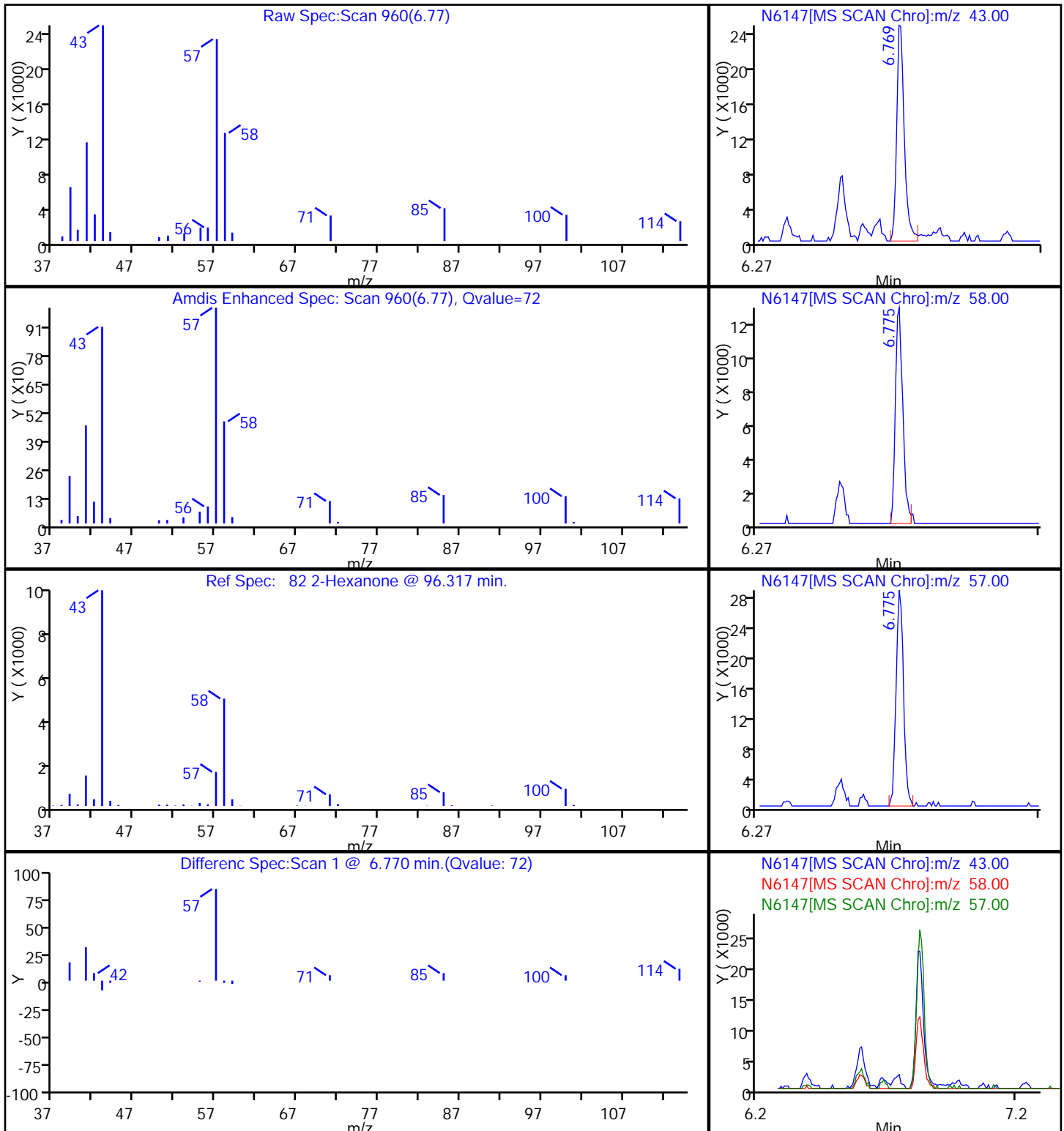




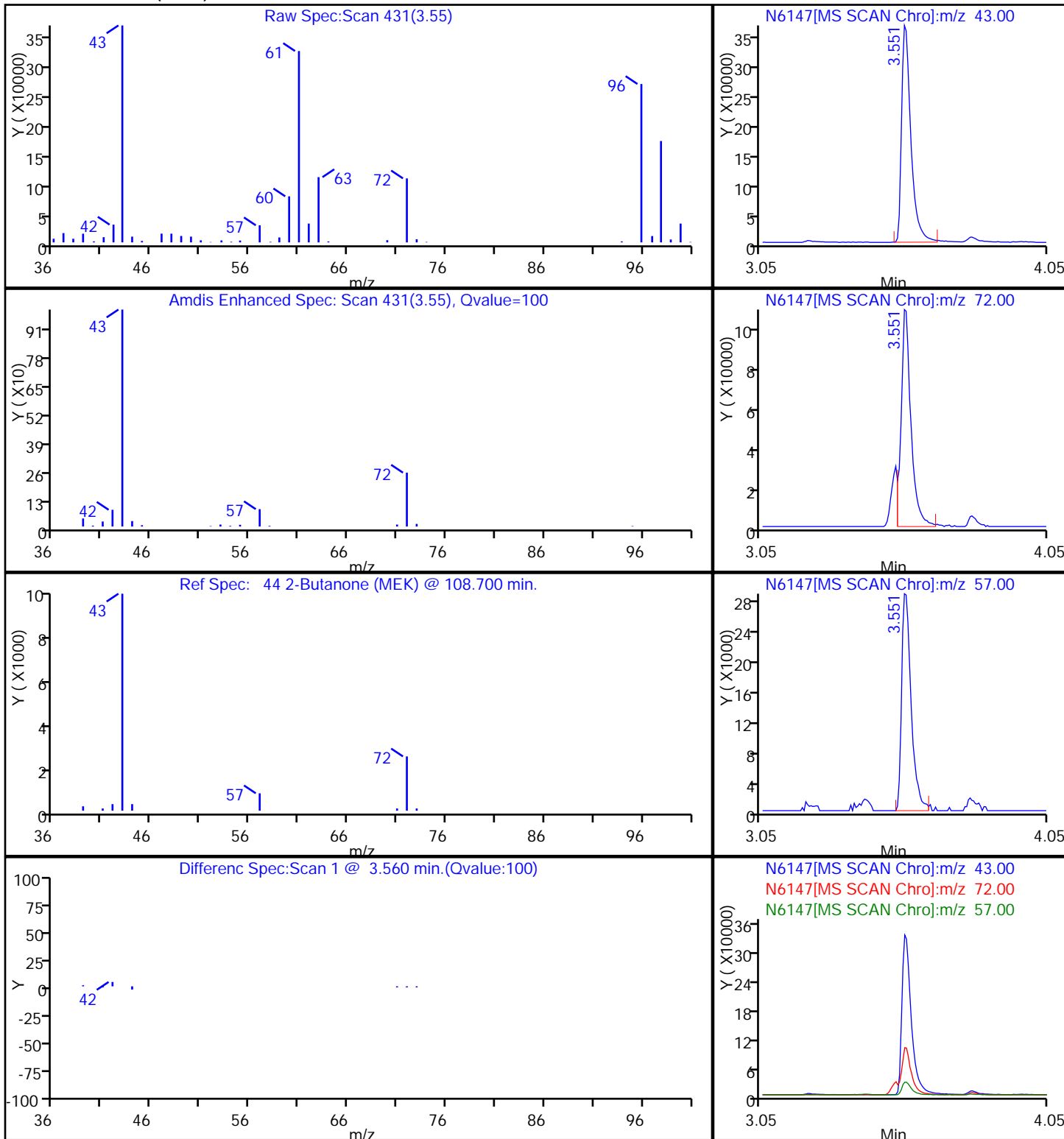
57 1,2-Dichloroethane



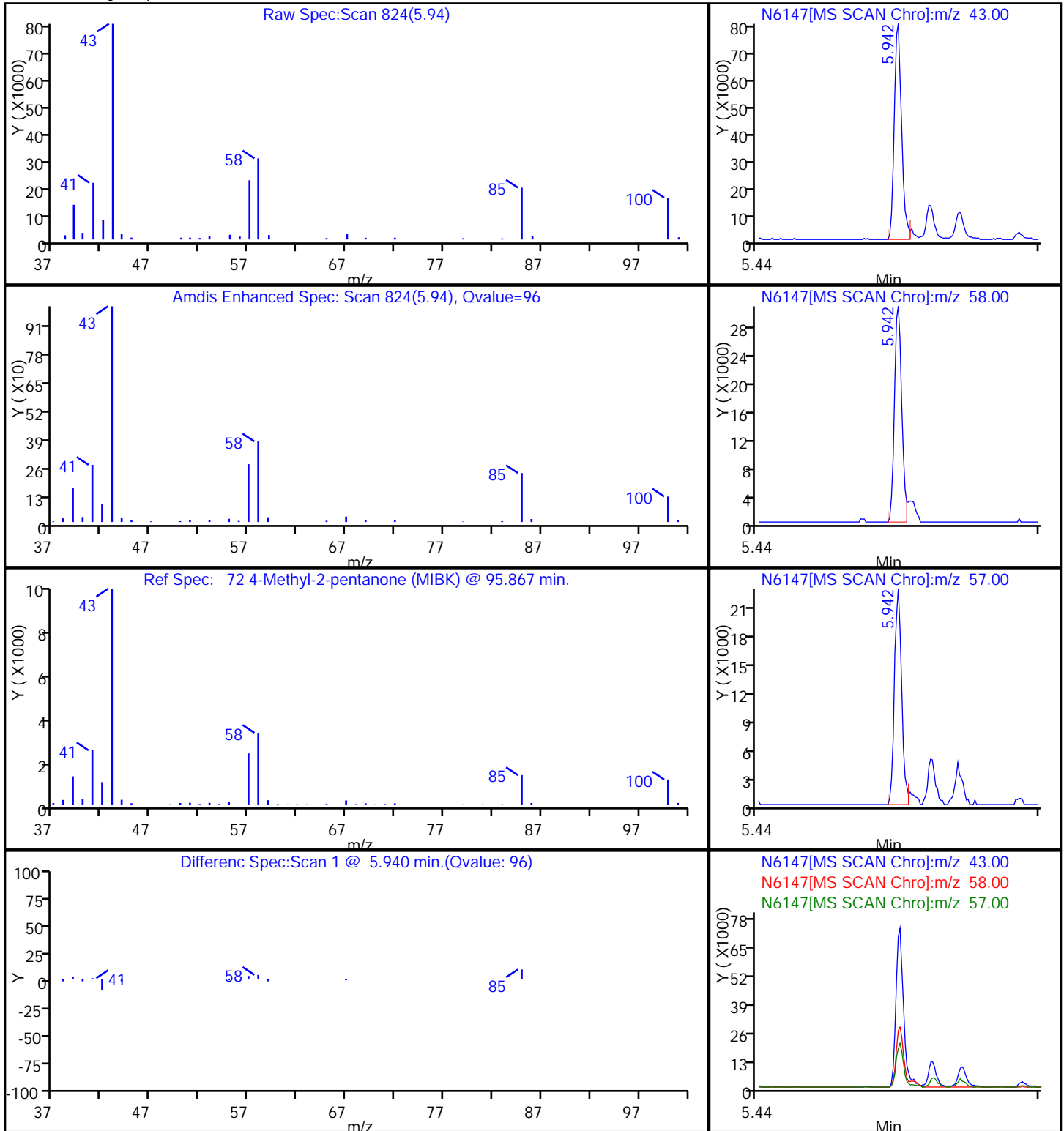
82 2-Hexanone



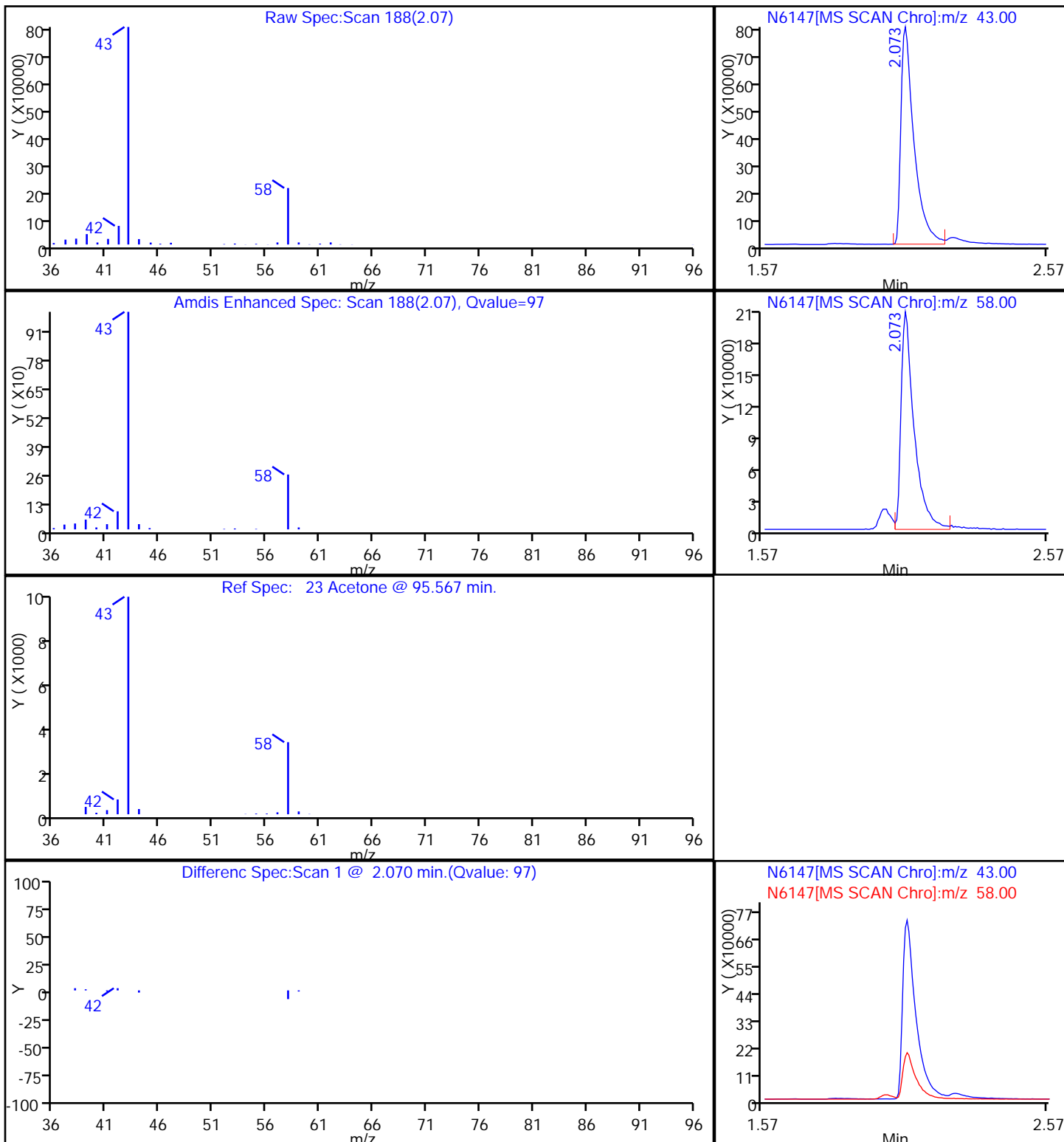
44 2-Butanone (MEK)



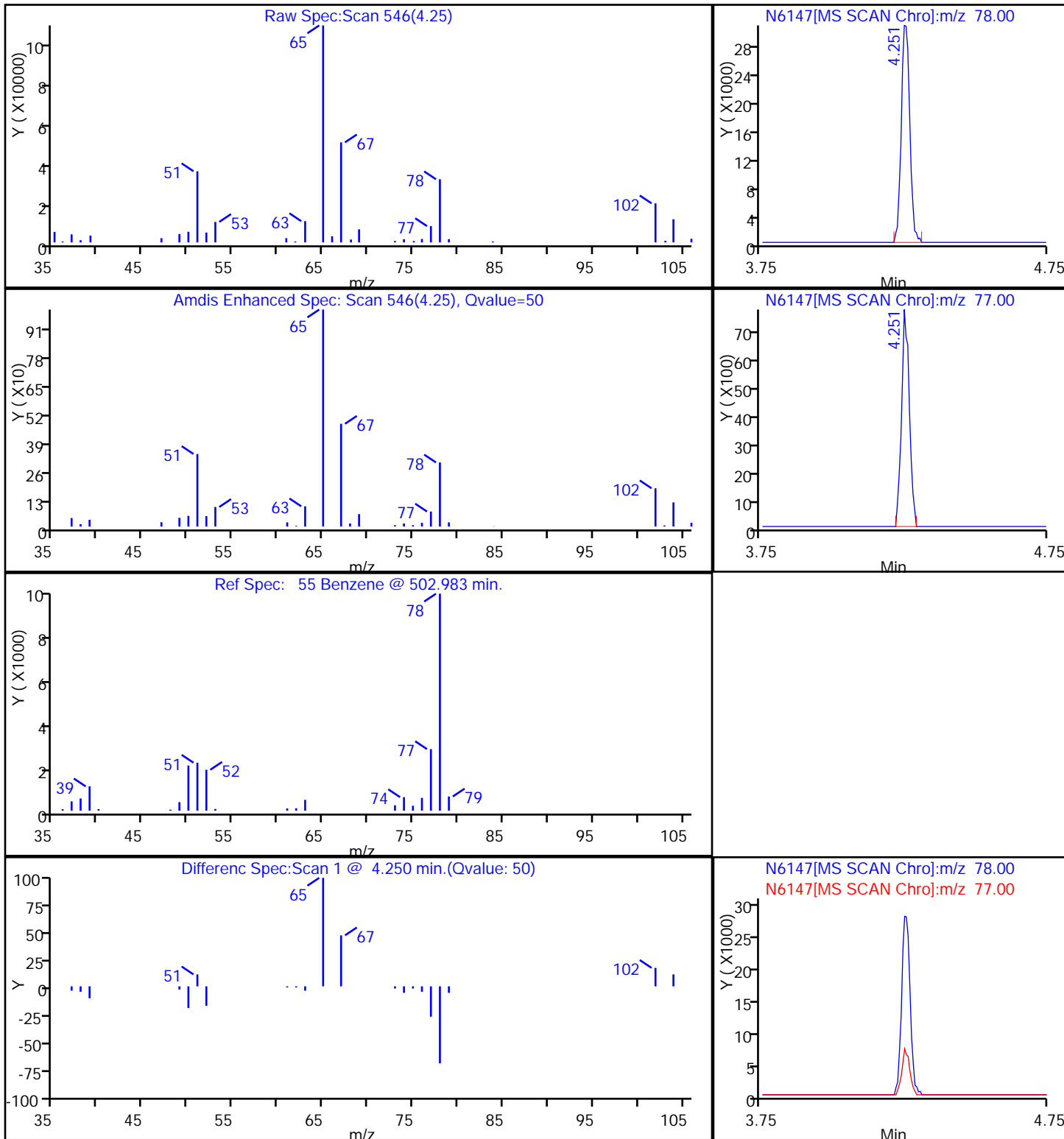
72 4-Methyl-2-pentanone (MIBK)



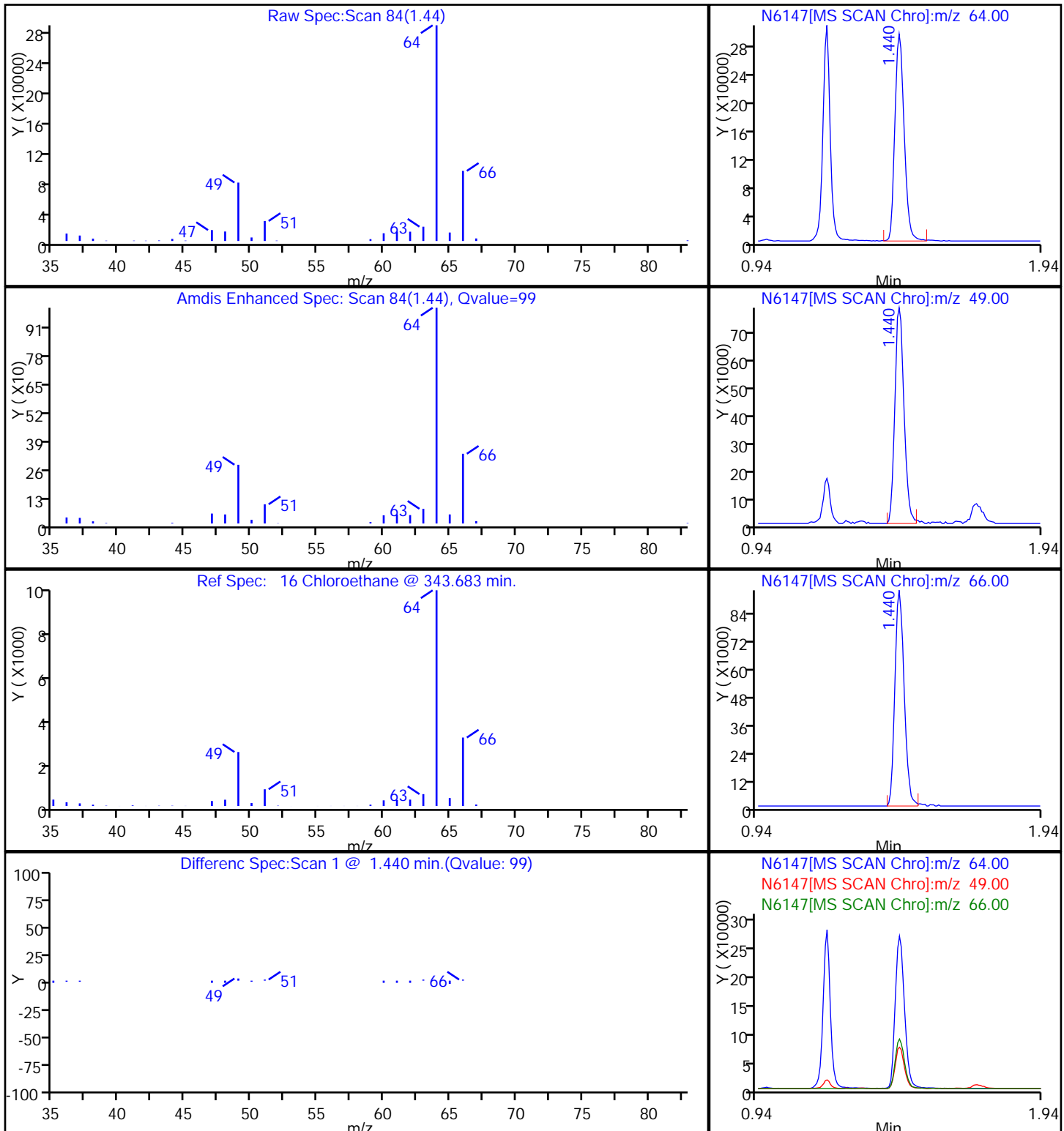
23 Acetone



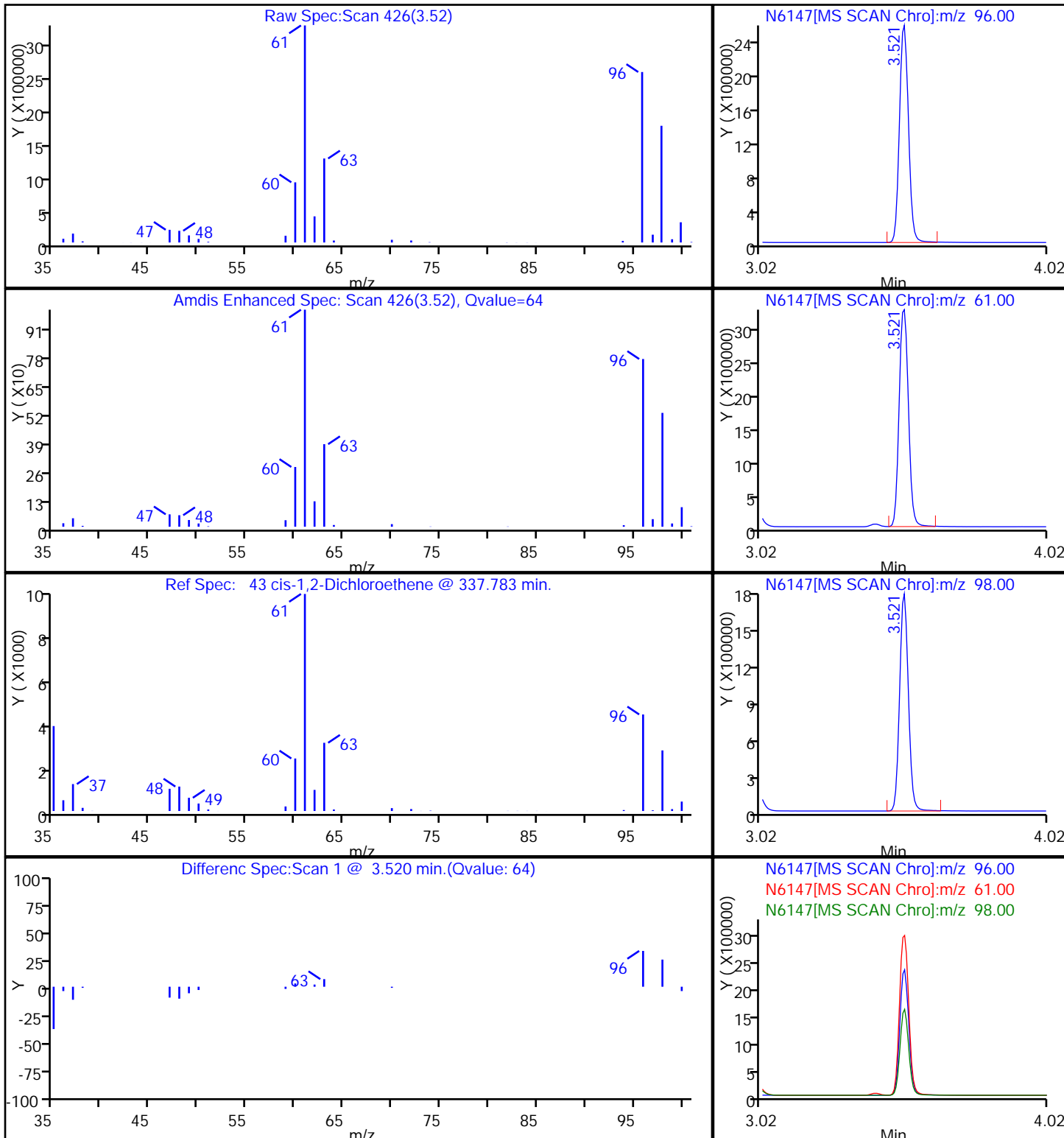
55 Benzene



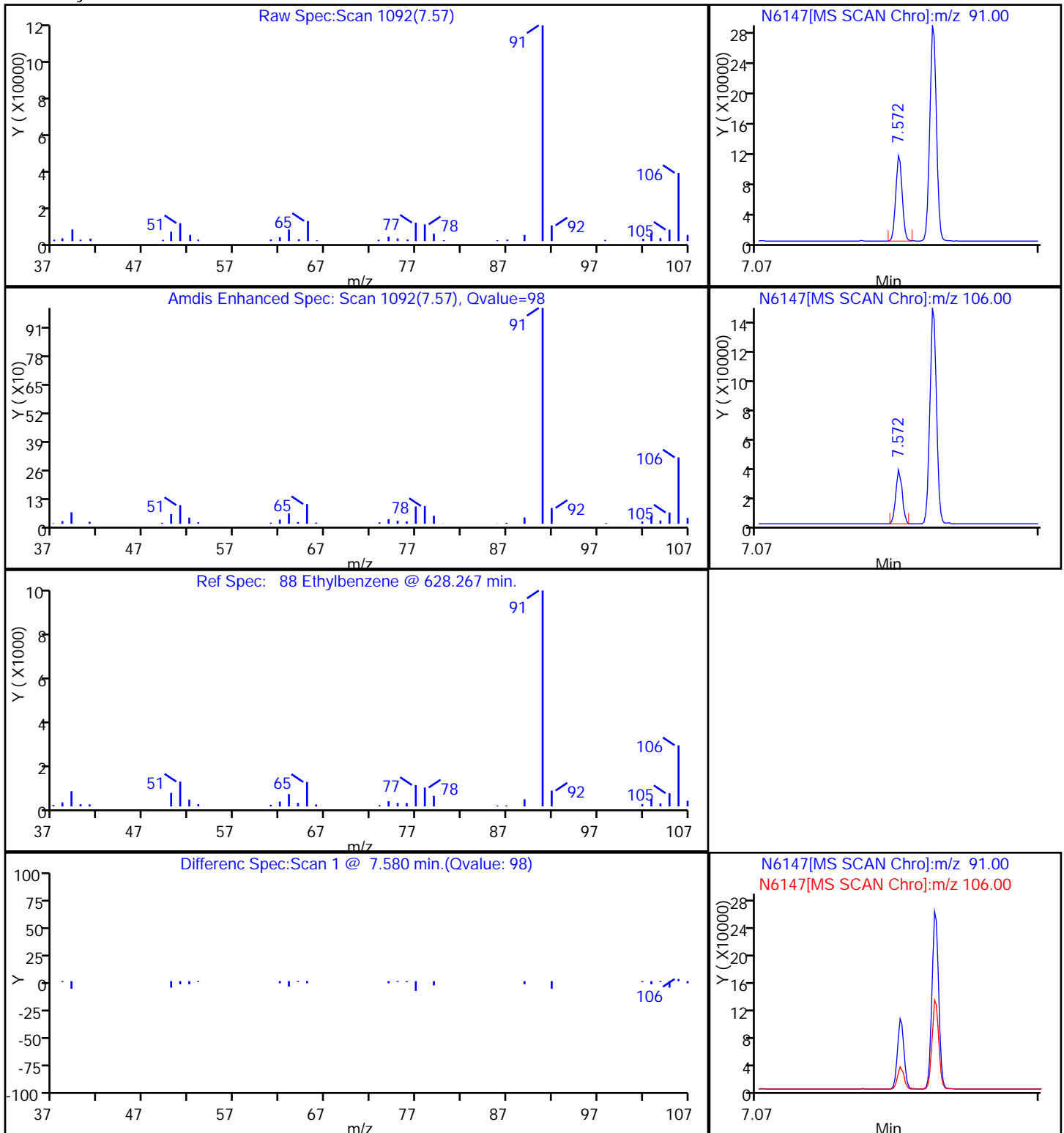
16 Chloroethane



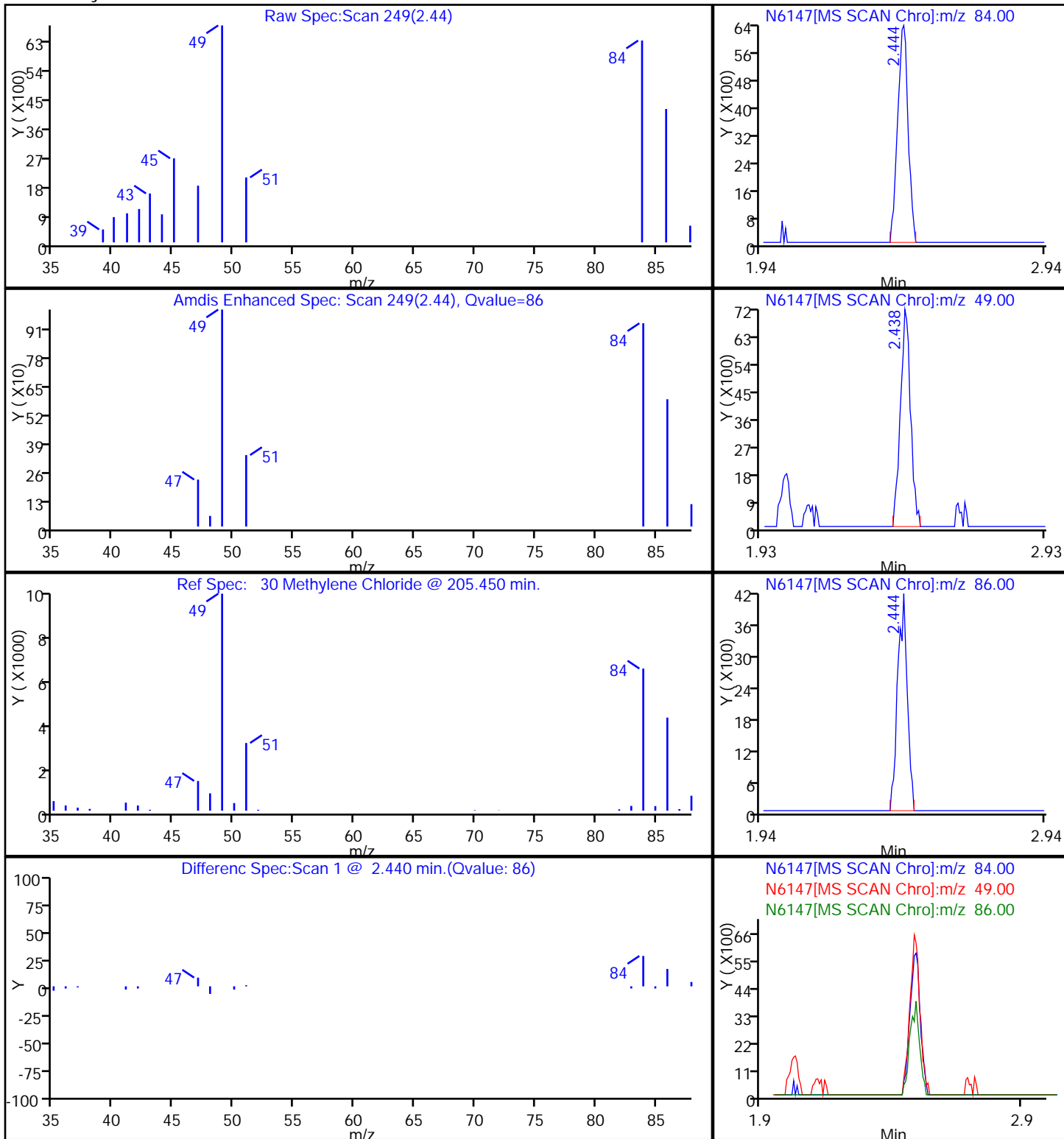
43 cis-1,2-Dichloroethene



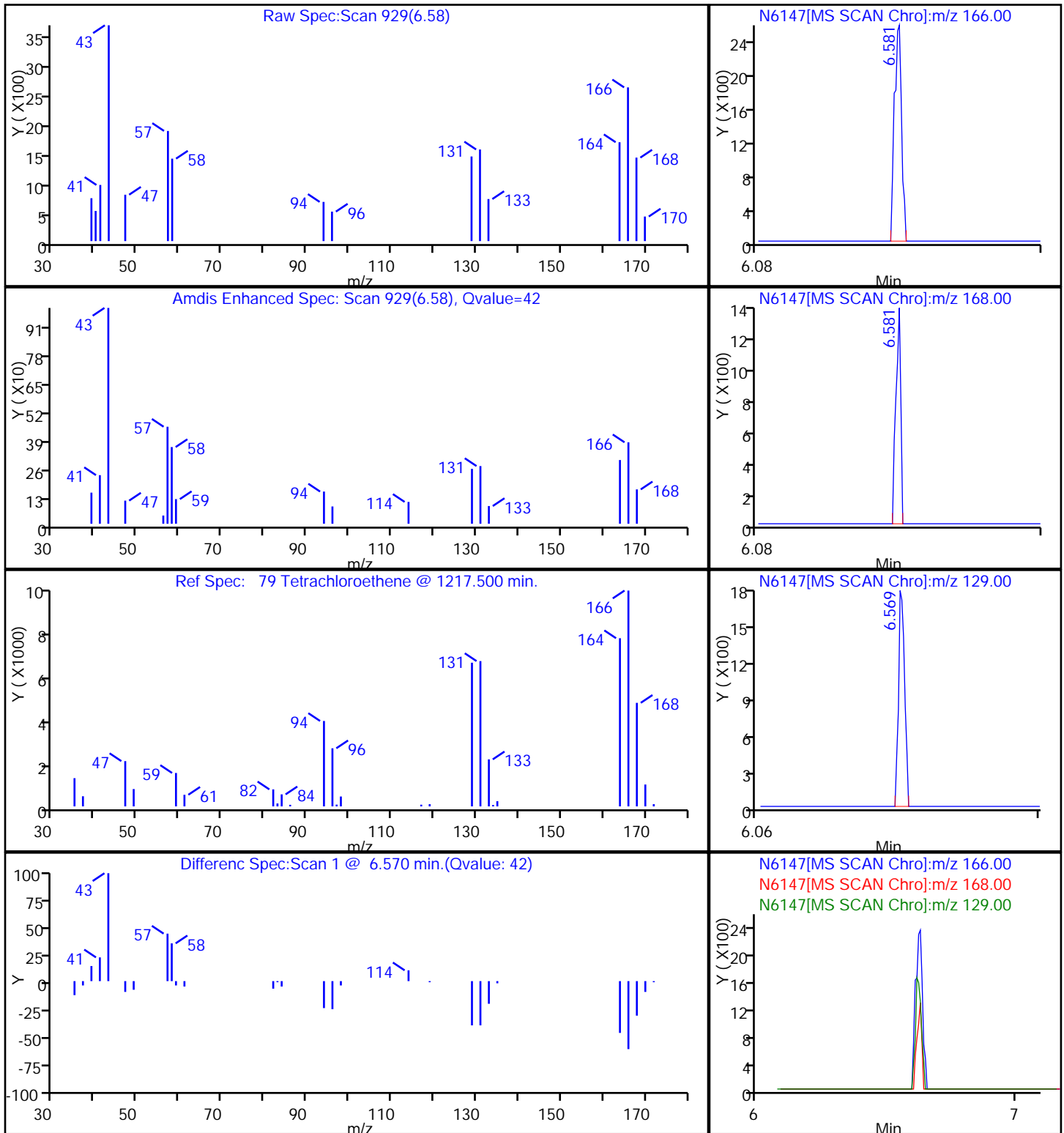
88 Ethylbenzene



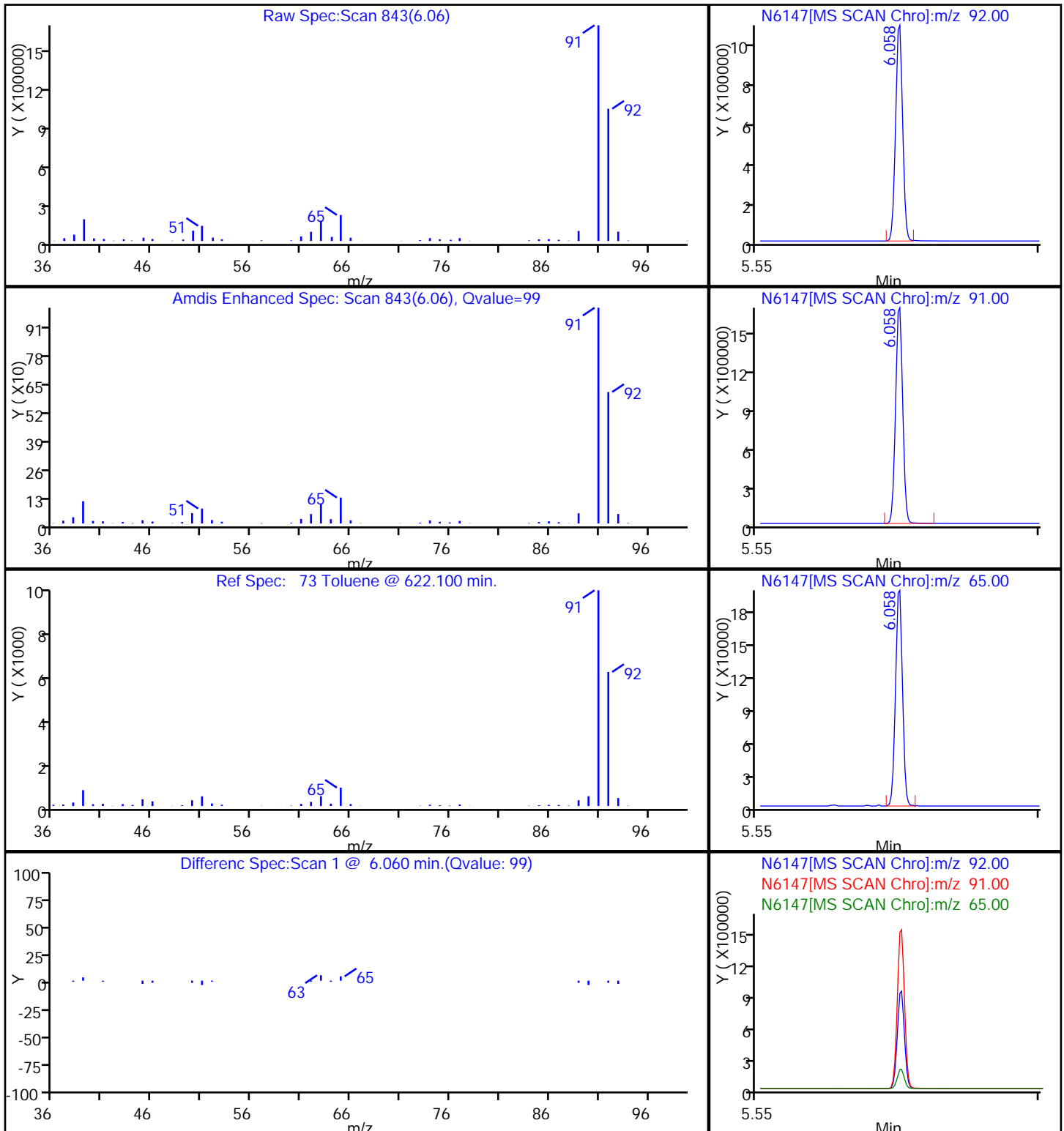
30 Methylene Chloride



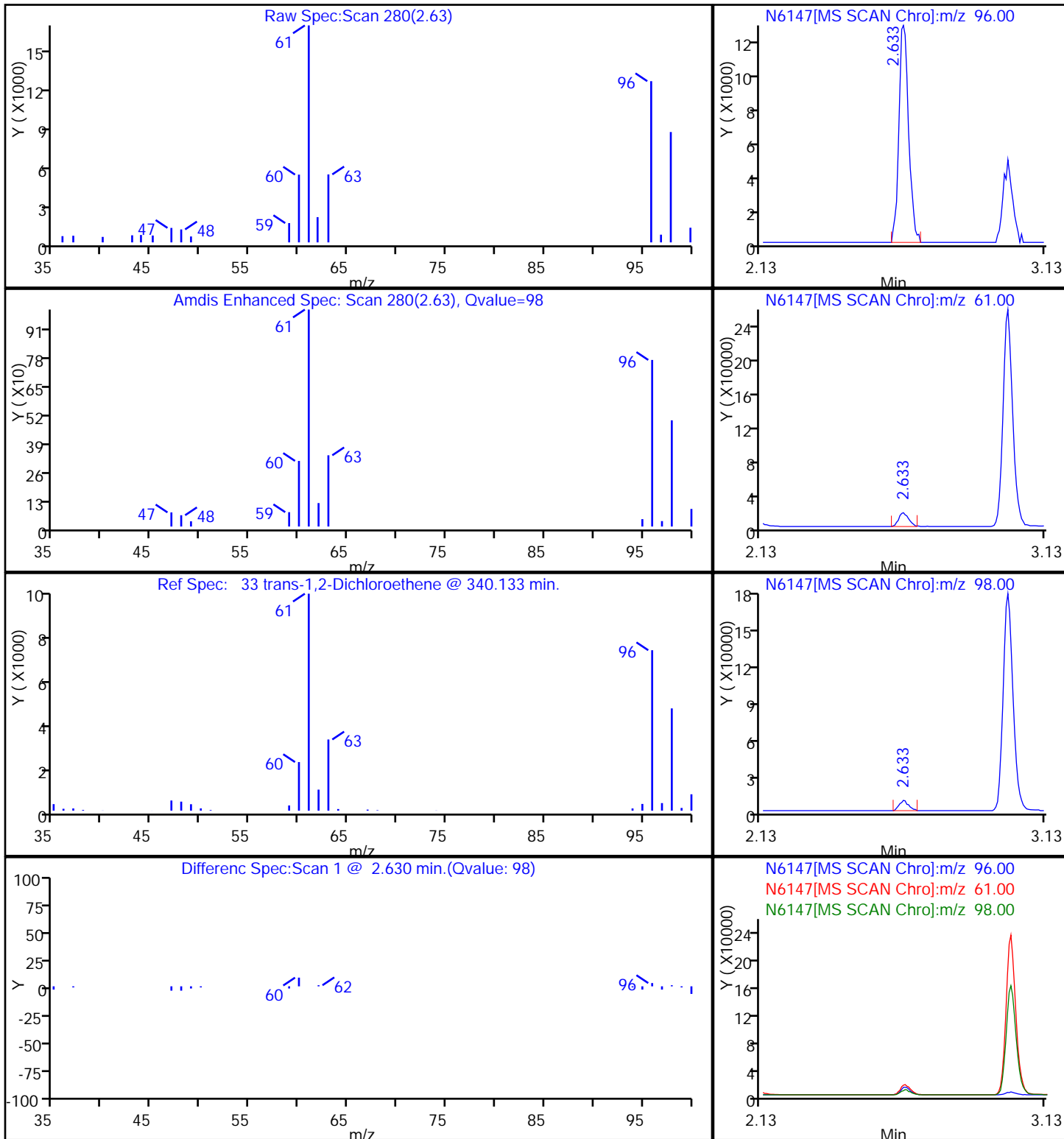
79 Tetrachloroethene



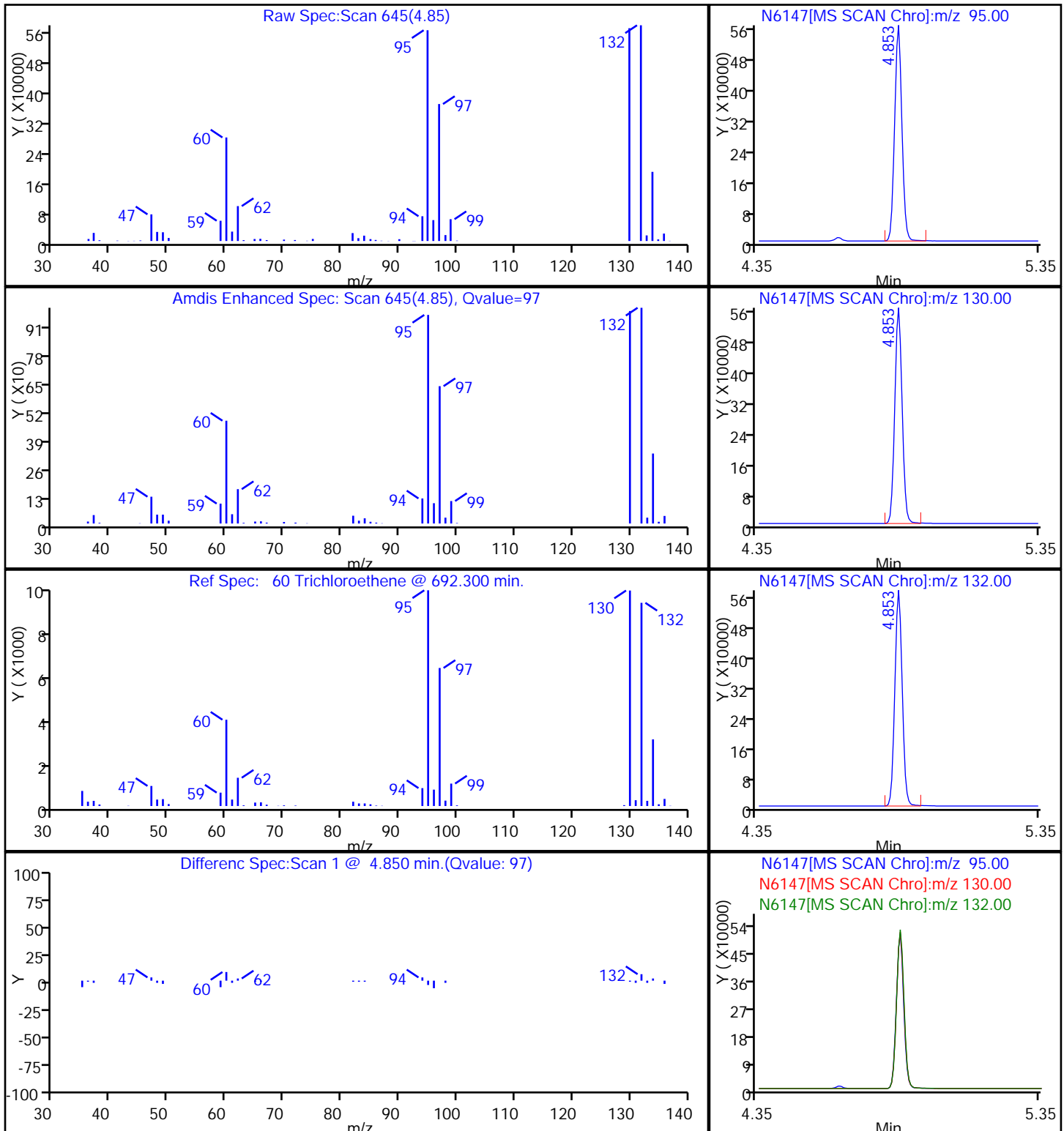
73 Toluene



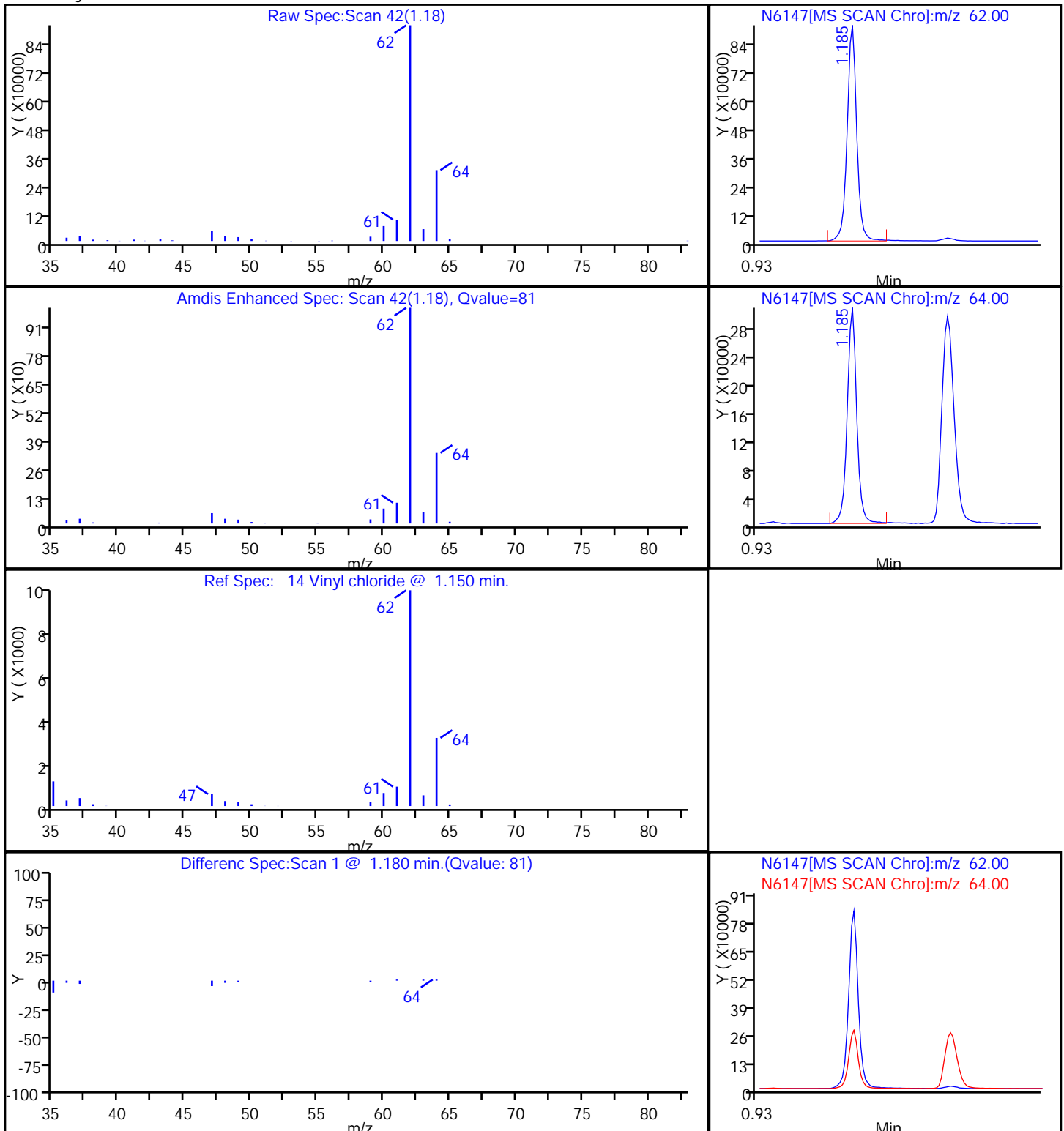
33 trans-1,2-Dichloroethene

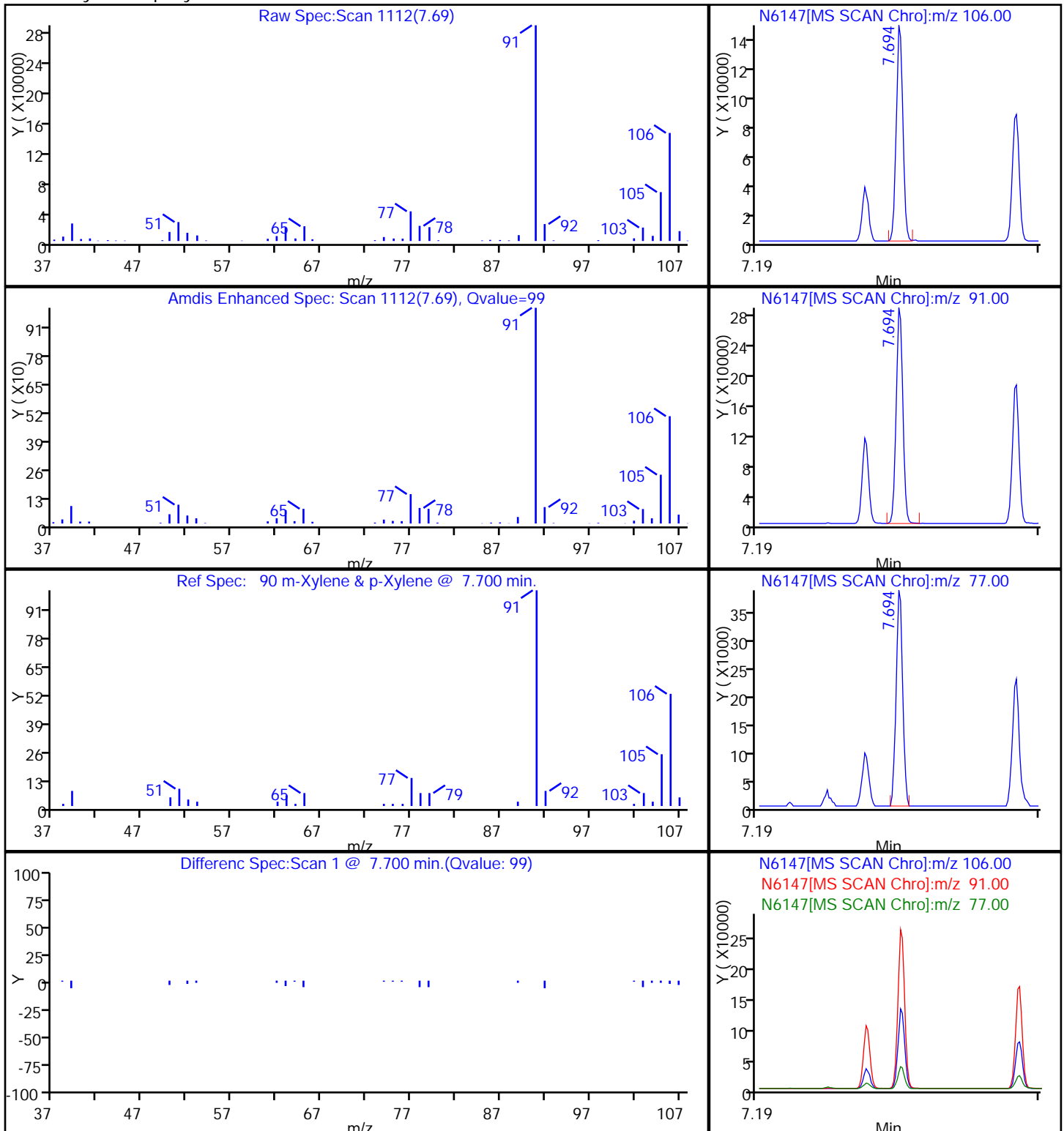


60 Trichloroethene

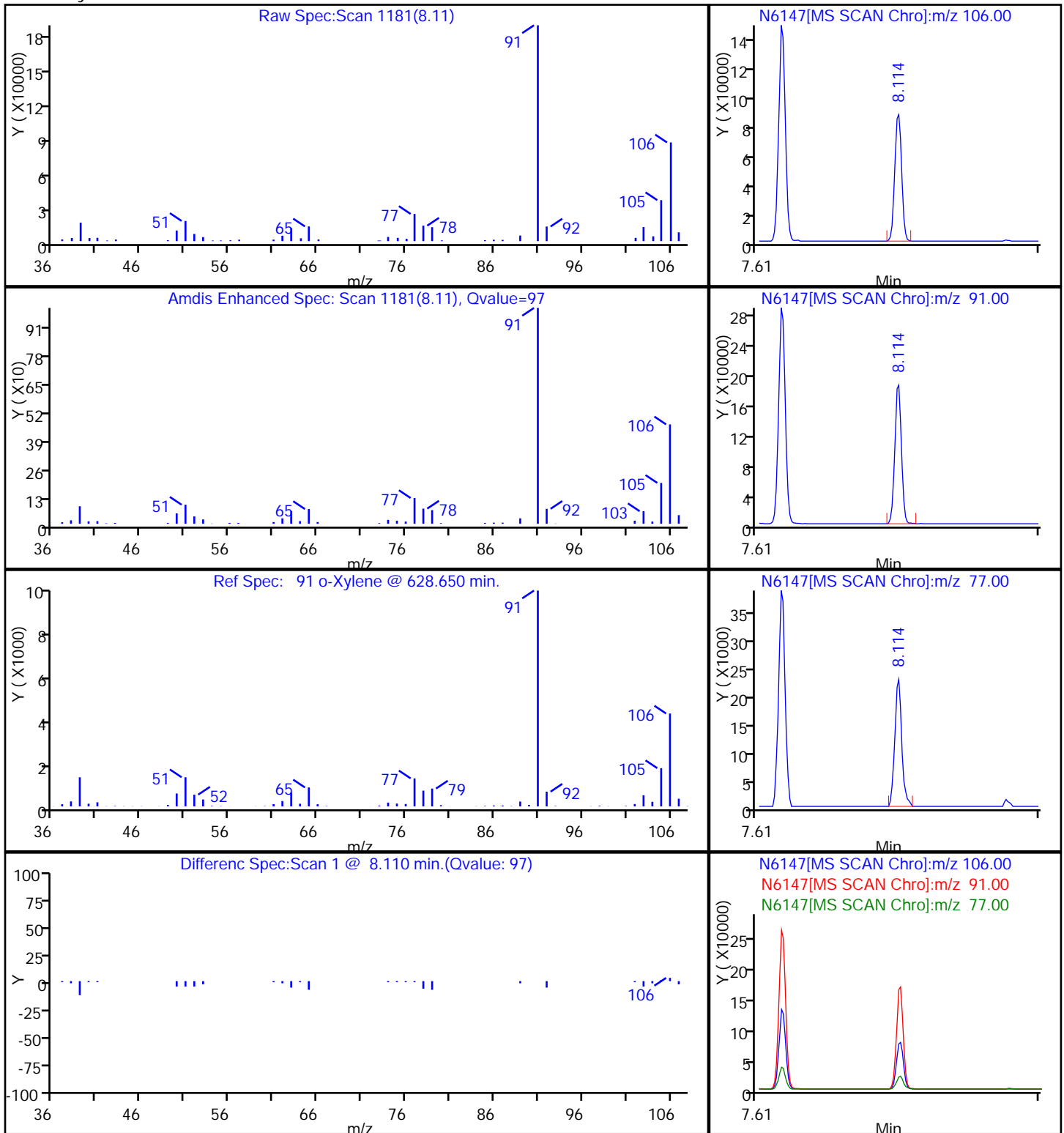


14 Vinyl chloride





91 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-15S DL Lab Sample ID: 480-3471-10 DL
 Matrix: Ground Water Lab File ID: N6177.D
 Analysis Method: 8260B Date Collected: 04/07/2011 08:45
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20	16
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	4.2
79-00-5	1,1,2-Trichloroethane	ND		20	4.6
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2
75-34-3	1,1-Dichloroethane	850		20	7.6
75-35-4	1,1-Dichloroethene	20		20	5.8
120-82-1	1,2,4-Trichlorobenzene	ND		20	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20	7.8
106-93-4	1,2-Dibromoethane	ND		20	15
95-50-1	1,2-Dichlorobenzene	ND		20	16
107-06-2	1,2-Dichloroethane	ND		20	4.2
78-87-5	1,2-Dichloropropane	ND		20	14
541-73-1	1,3-Dichlorobenzene	ND		20	16
106-46-7	1,4-Dichlorobenzene	ND		20	17
591-78-6	2-Hexanone	ND		100	25
78-93-3	2-Butanone (MEK)	290		200	26
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100	42
67-64-1	Acetone	1700		200	60
71-43-2	Benzene	ND		20	8.2
75-27-4	Bromodichloromethane	ND		20	7.8
75-25-2	Bromoform	ND		20	5.2
74-83-9	Bromomethane	ND		20	14
75-15-0	Carbon disulfide	ND		20	3.8
56-23-5	Carbon tetrachloride	ND		20	5.4
108-90-7	Chlorobenzene	ND		20	15
124-48-1	Dibromochloromethane	ND		20	6.4
75-00-3	Chloroethane	330		20	6.4
67-66-3	Chloroform	ND		20	6.8
74-87-3	Chloromethane	ND		20	7.0
156-59-2	cis-1,2-Dichloroethene	1300		20	16
10061-01-5	cis-1,3-Dichloropropene	ND		20	7.2
110-82-7	Cyclohexane	ND		20	3.6
75-71-8	Dichlorodifluoromethane	ND		20	14
100-41-4	Ethylbenzene	ND		20	15
98-82-8	Isopropylbenzene	ND		20	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-15S DL Lab Sample ID: 480-3471-10 DL
 Matrix: Ground Water Lab File ID: N6177.D
 Analysis Method: 8260B Date Collected: 04/07/2011 08:45
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 20:52
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		20	10
1634-04-4	Methyl tert-butyl ether	ND		20	3.2
108-87-2	Methylcyclohexane	ND		20	3.2
75-09-2	Methylene Chloride	ND		20	8.8
100-42-5	Styrene	ND		20	15
127-18-4	Tetrachloroethene	ND		20	7.2
108-88-3	Toluene	140		20	10
156-60-5	trans-1,2-Dichloroethene	ND		20	18
10061-02-6	trans-1,3-Dichloropropene	ND		20	7.4
79-01-6	Trichloroethene	200		20	9.2
75-69-4	Trichlorofluoromethane	ND		20	18
75-01-4	Vinyl chloride	450		20	18
1330-20-7	Xylenes, Total	22	J	40	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6177.D
 Lims ID: 480-3471-A-10 Client ID: MW-15S
 Inject. Date: 10-Apr-2011 20:52:30 Dil. Factor: 20.0000
 Sample Type: Client
 Sample ID: 480-3471-A-10
 Misc. Info.: 480-0002160-021
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 21
 Lims Batch ID: 11454 Lims Sample ID: 21
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

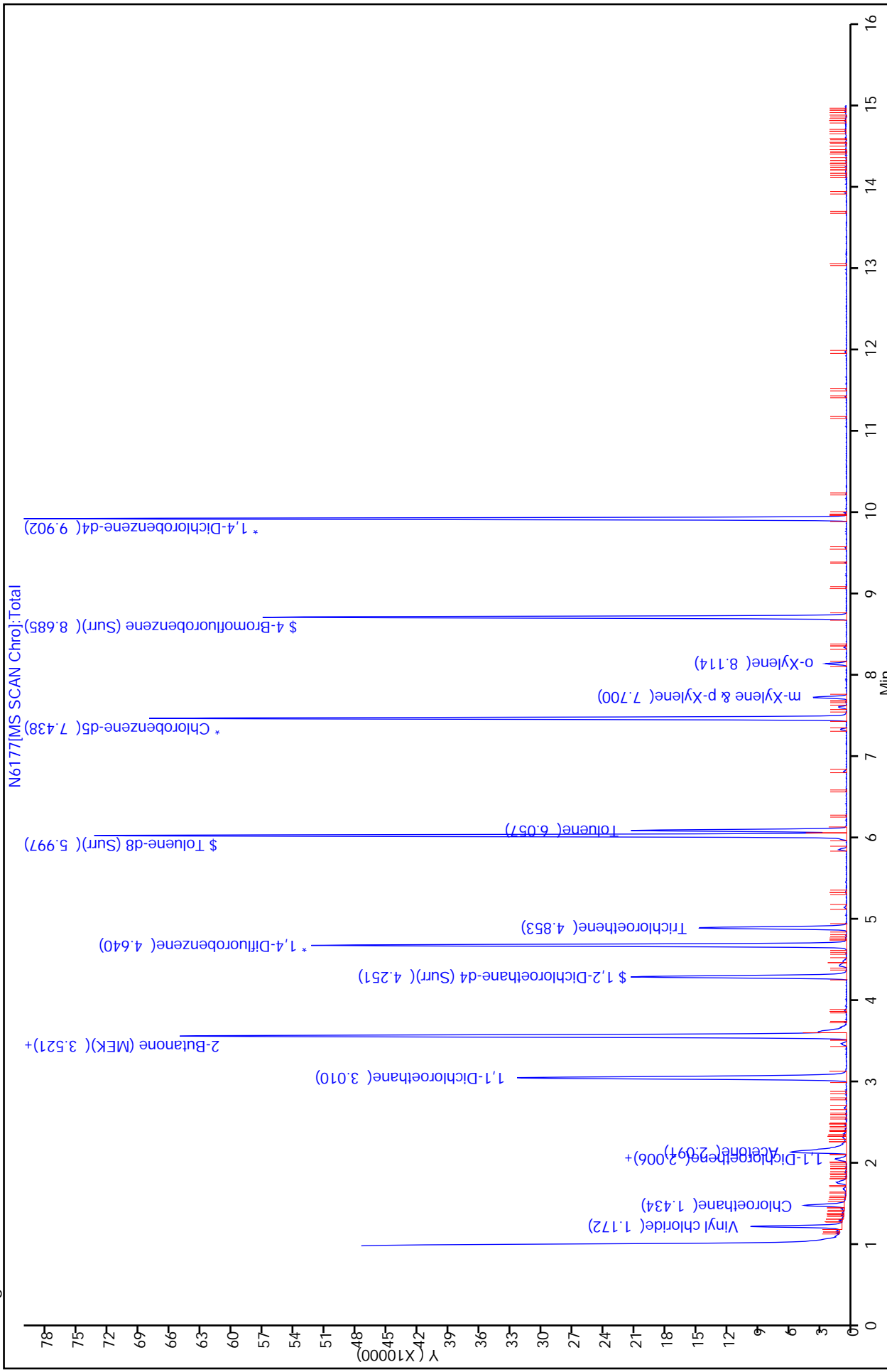
First Level Reviewer: HILL

Date: 11-Apr-2011 09:23:51

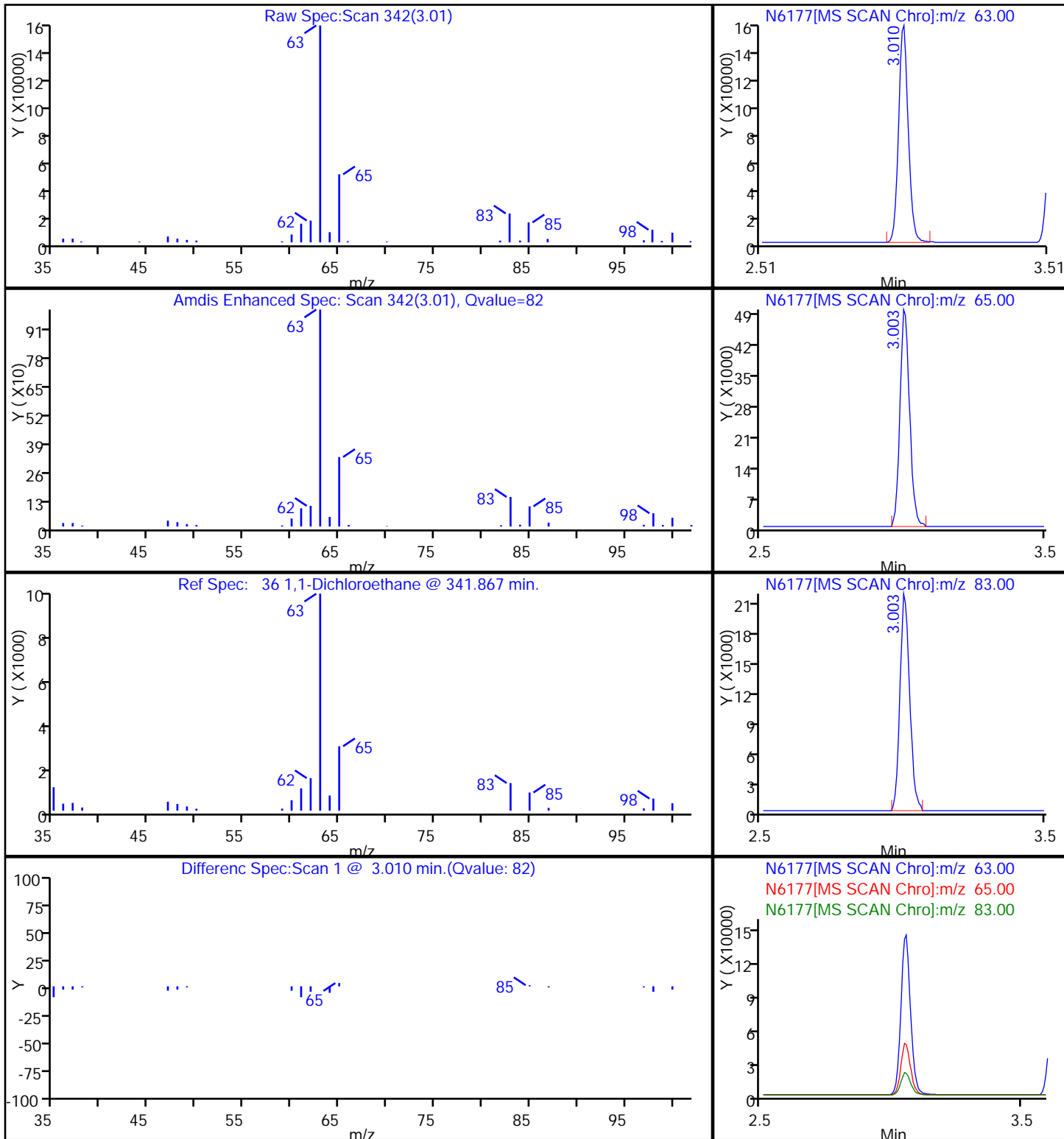
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	421443	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	84	380740	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	198725	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	172671	31.1	
\$ 6 Toluene-d8 (Surr)	98	5.997	5.991	0.006	80	469401	25.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.685	8.686	-0.001	87	156897	26.5	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.172	1.172	0.0	81	86513	22.6	
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.434	1.428	0.006	99	34100	16.7	
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96	2.012	2.012	0.0	86	4404	1.01	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43	2.091	2.085	0.006	97	118117	86.4	
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.010	3.004	0.006	82	359546	42.7	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	66	311116	62.8	
44 2-Butanone (MEK)	43	3.581	3.557	0.024	99	32056	14.3	
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.859	4.853	0.006	96	49648	10.2	
62 Methylcyclohexane	83		4.975					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92	6.057	6.057	0.0	99	89166	6.97	
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	99	10335	1.08	
91 o-Xylene	106	8.114	8.114	0.0	97	5566	0.6012	
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1				0		1.68	

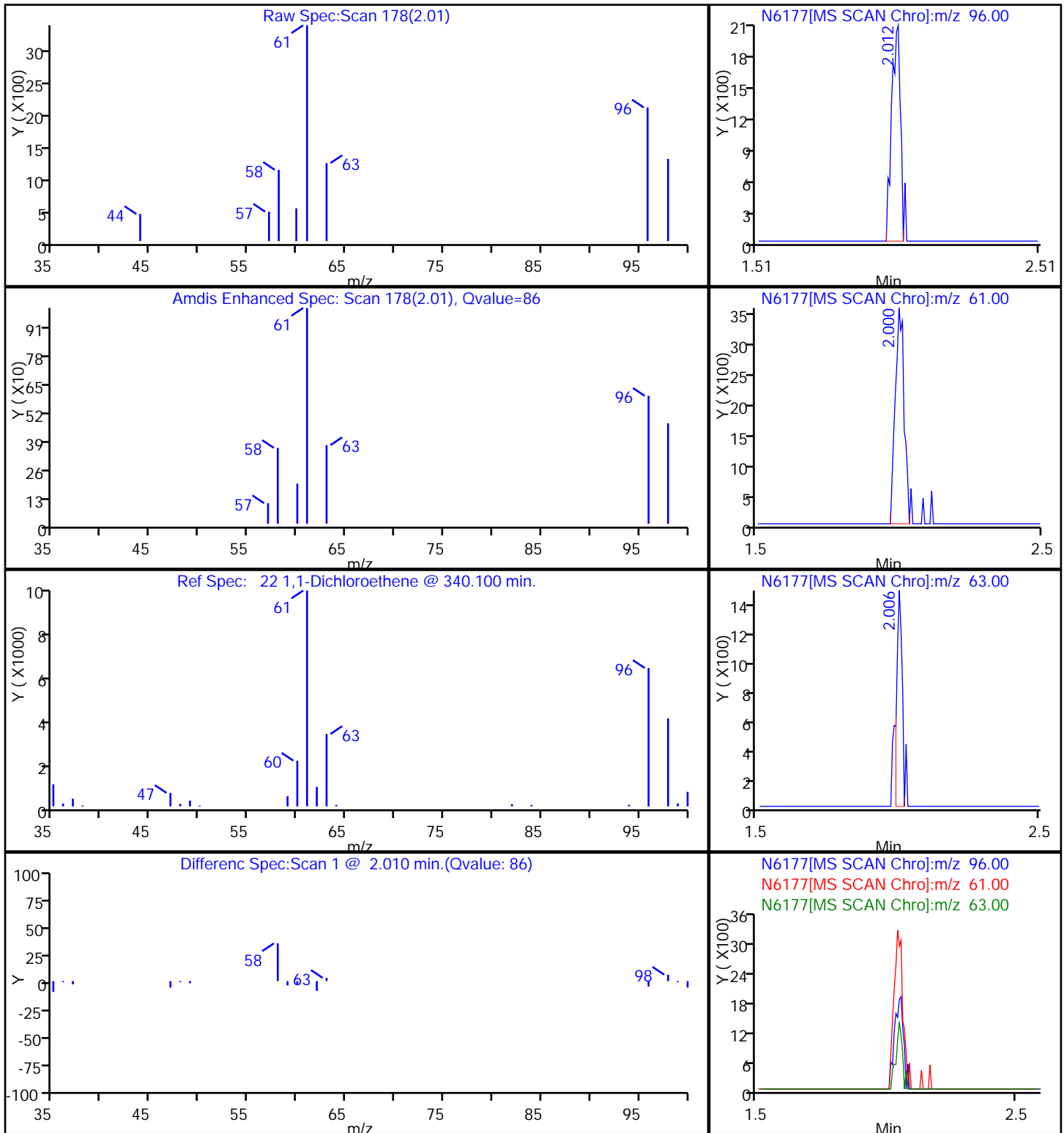
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 Injection Date: 10-Apr-2011 20:52:30
 Client ID: MW-15S
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 21
 Chrom Revision: 1.2 17-Feb-2011 18:05:56



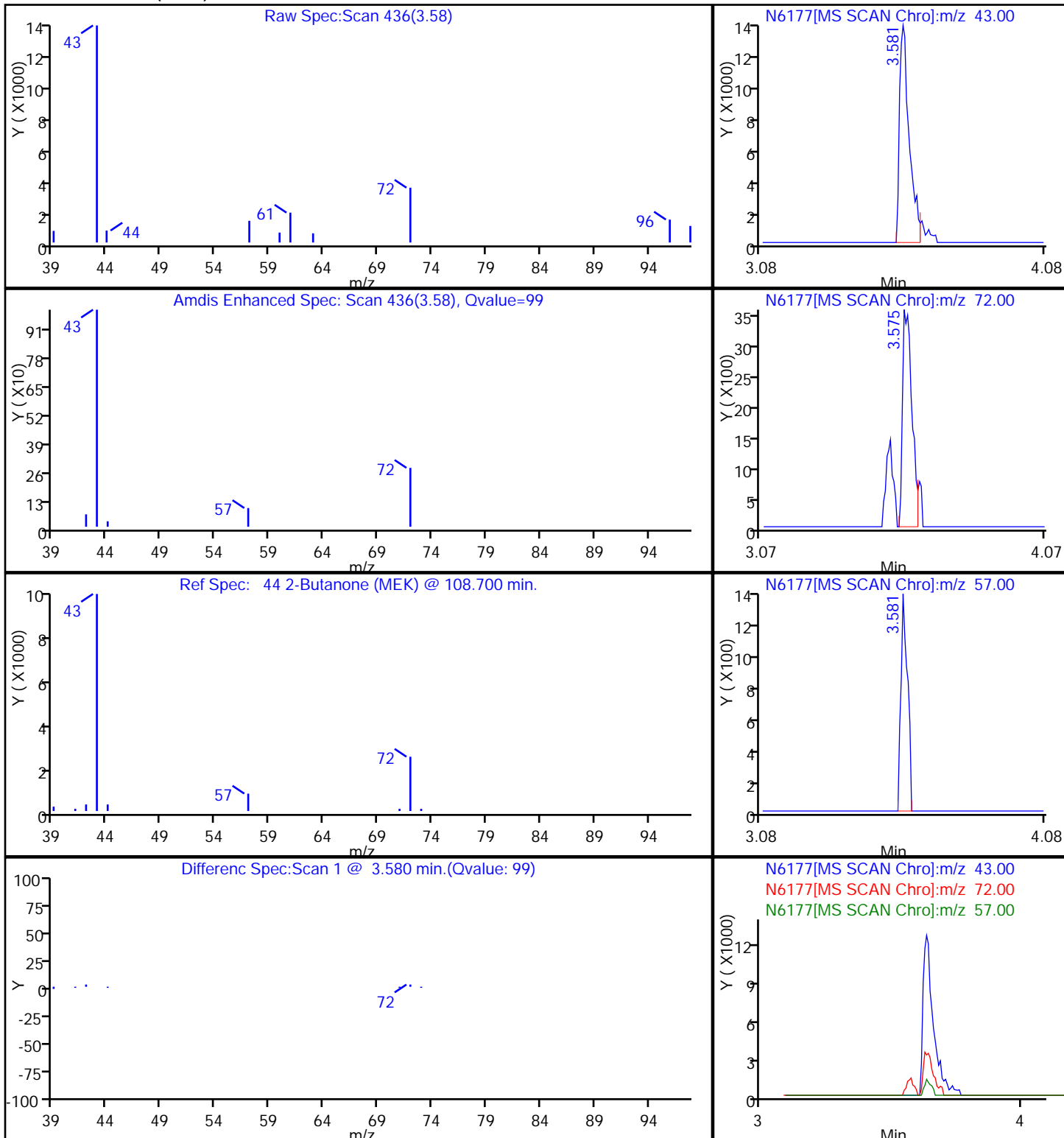
36 1,1-Dichloroethane



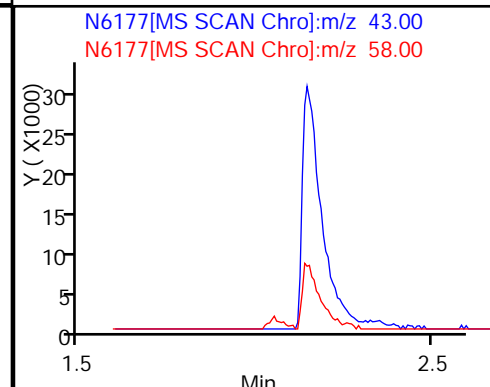
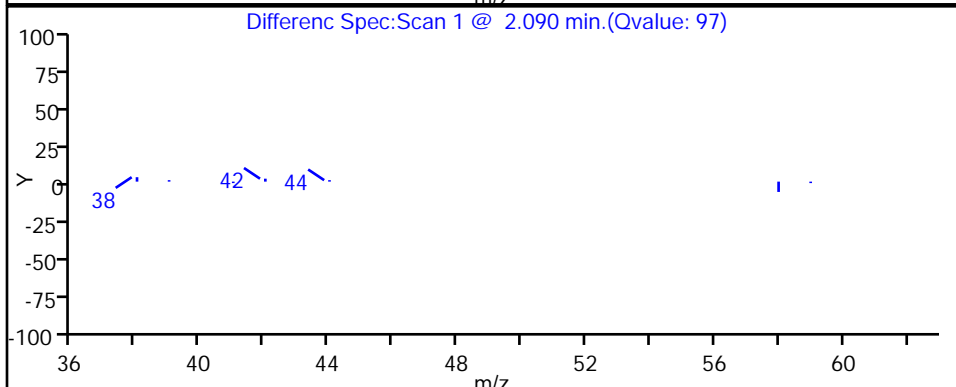
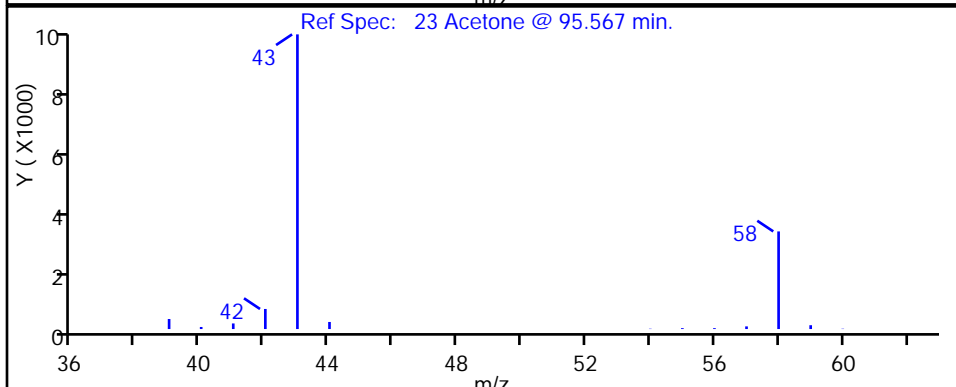
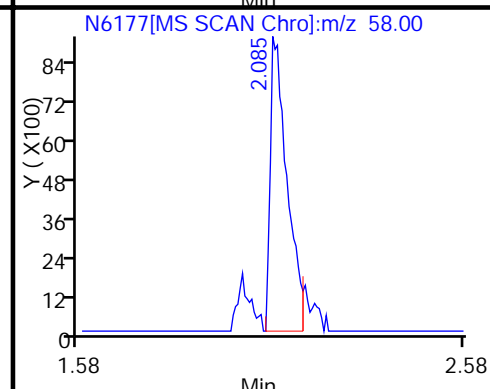
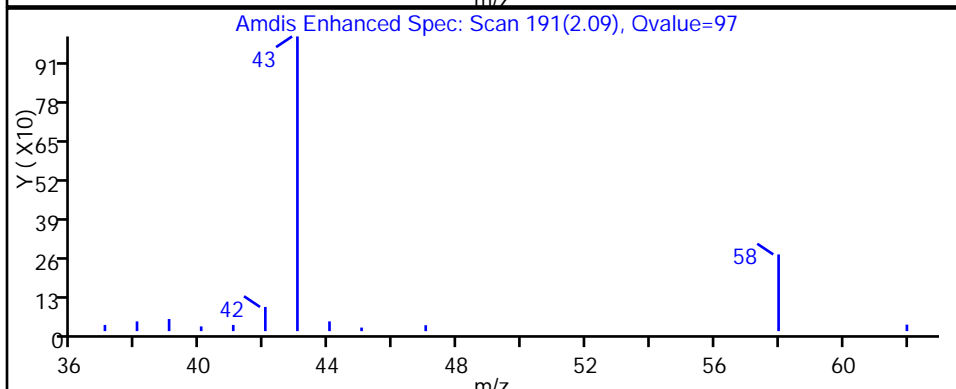
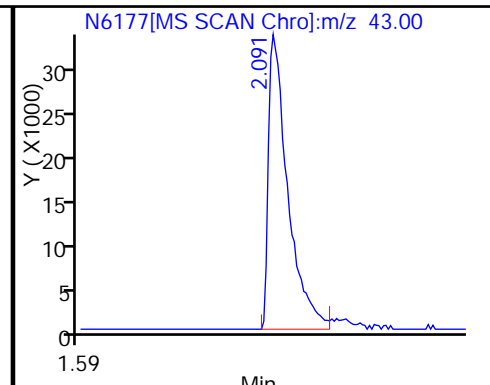
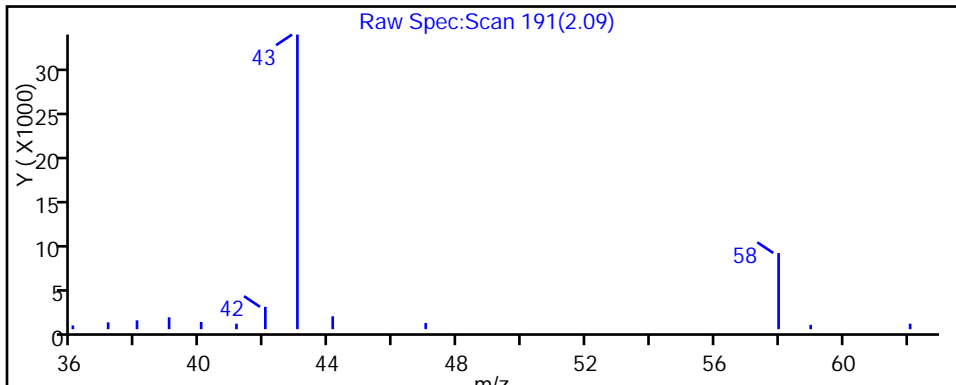
22 1,1-Dichloroethene



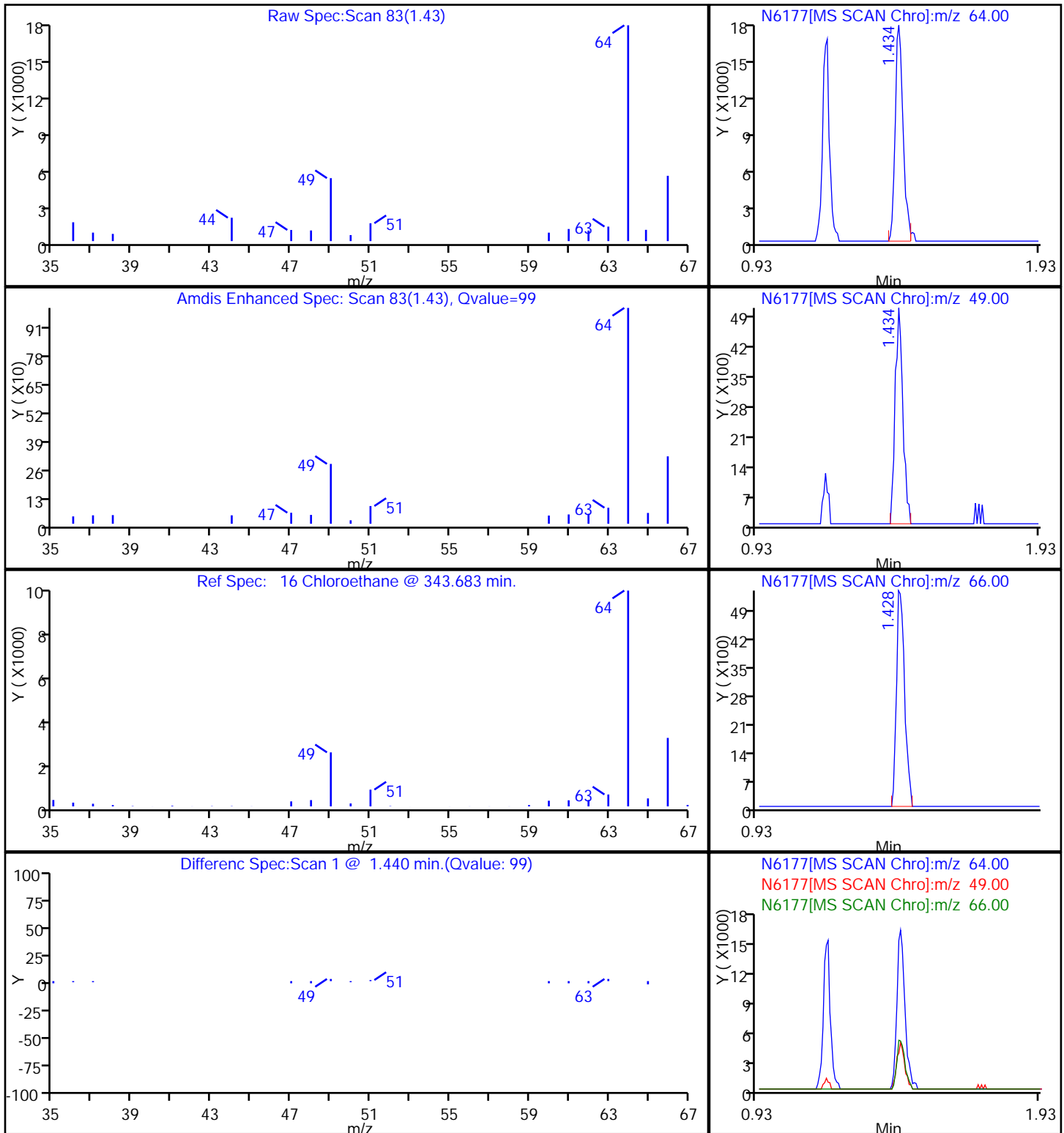
44 2-Butanone (MEK)



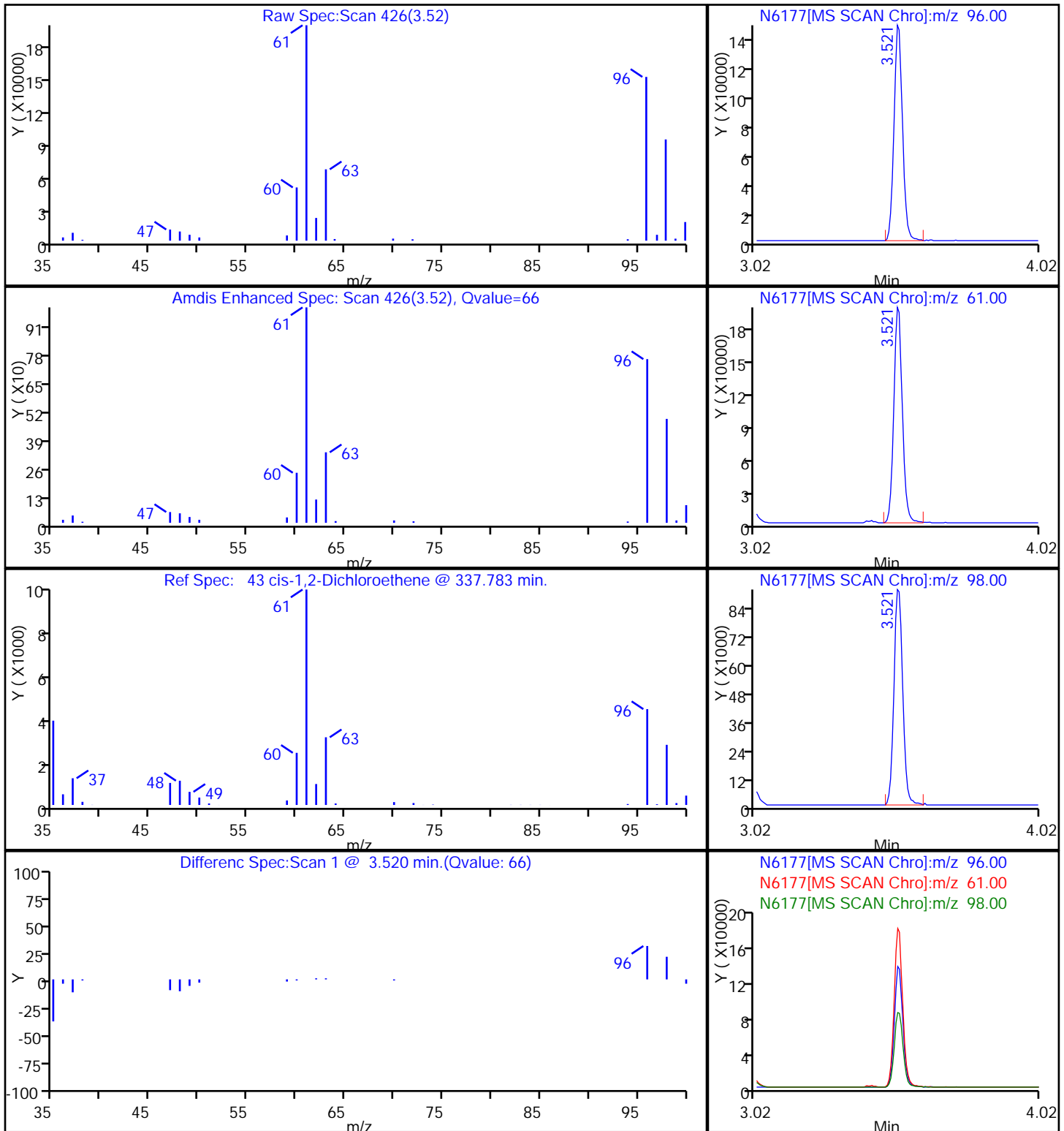
23 Acetone



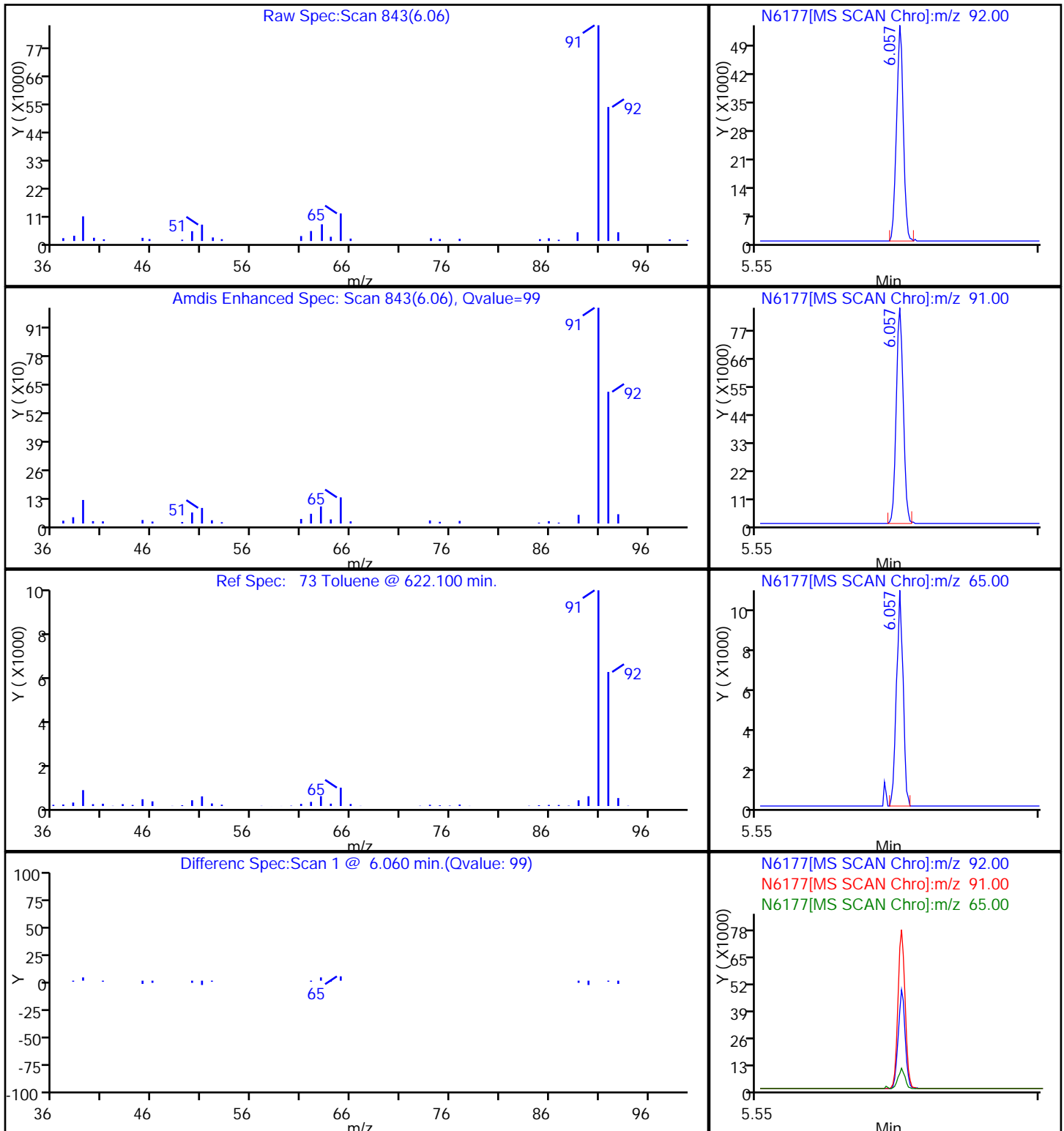
16 Chloroethane



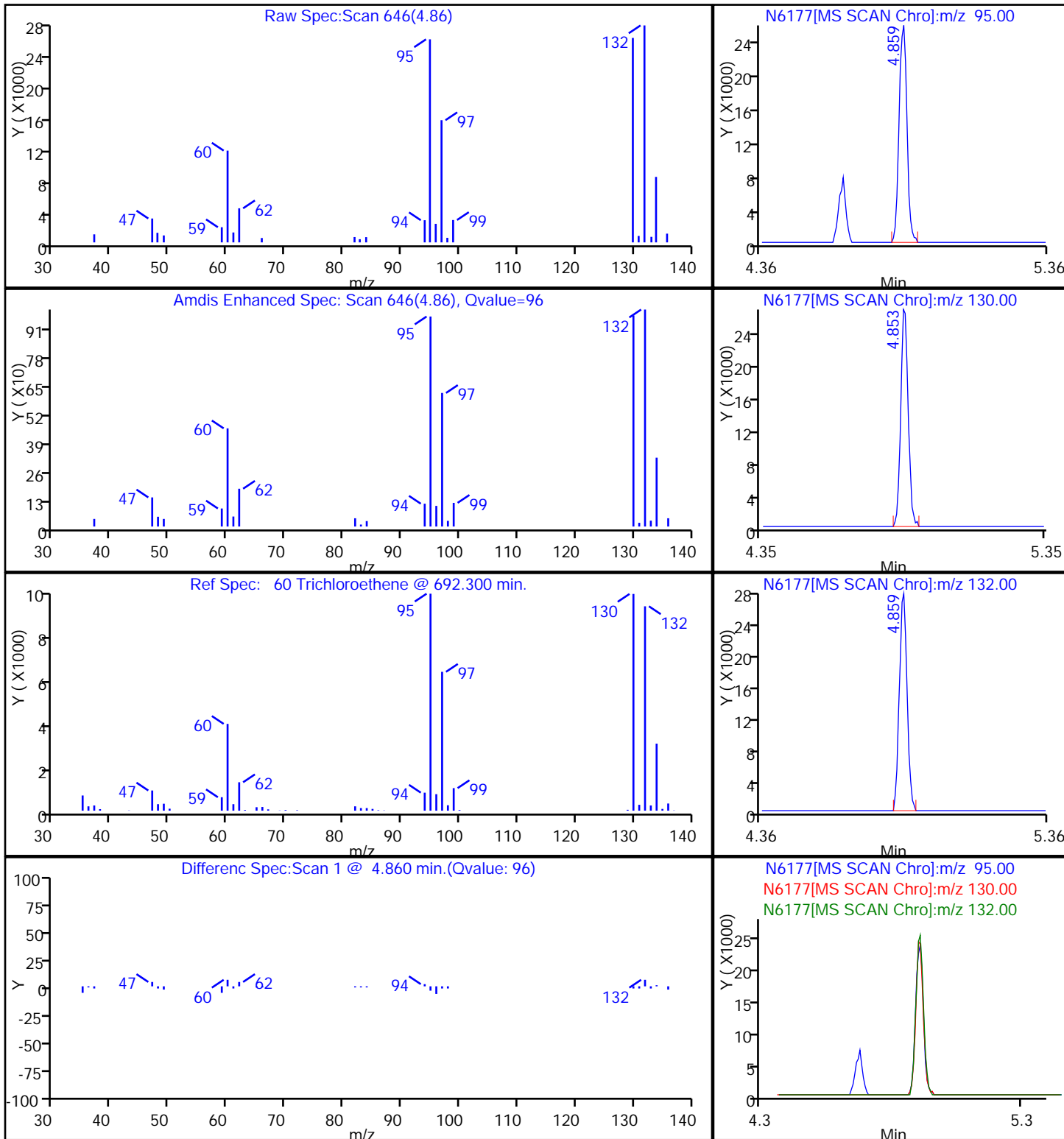
43 cis-1,2-Dichloroethene



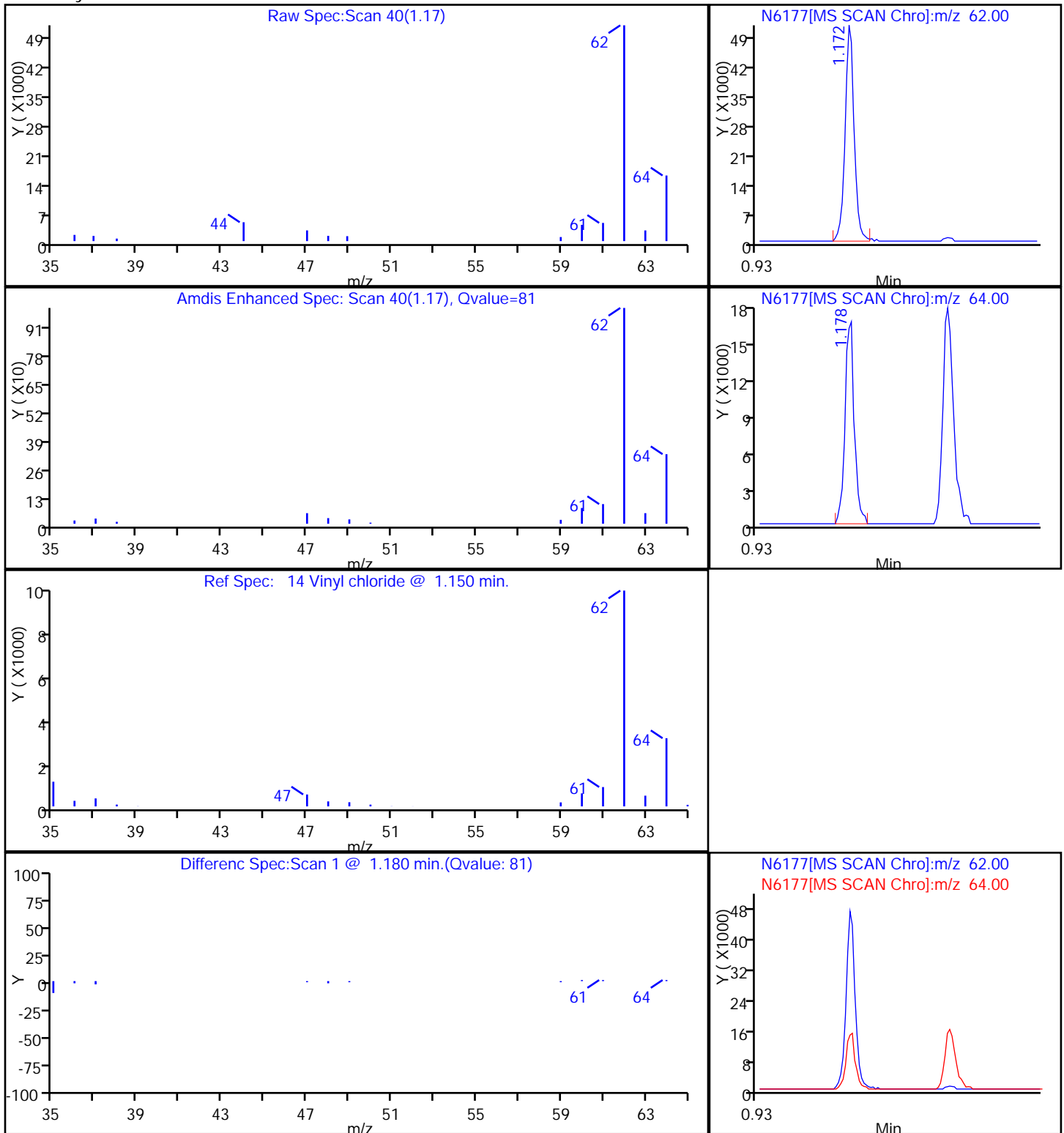
73 Toluene

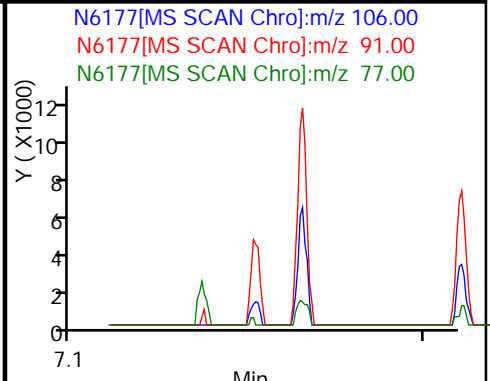
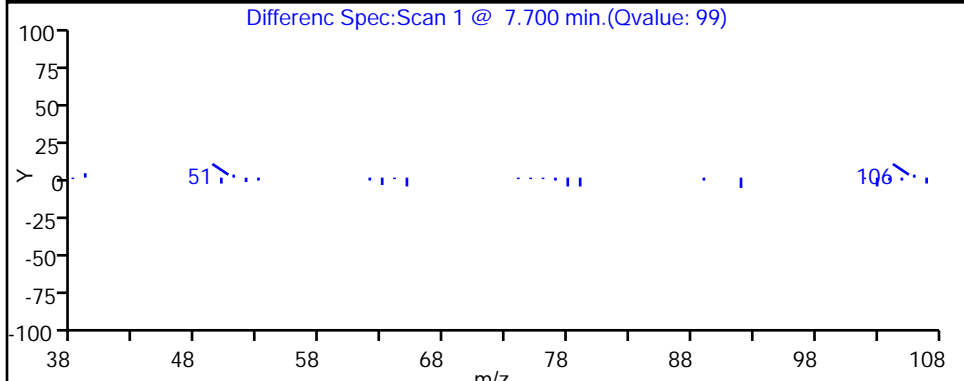
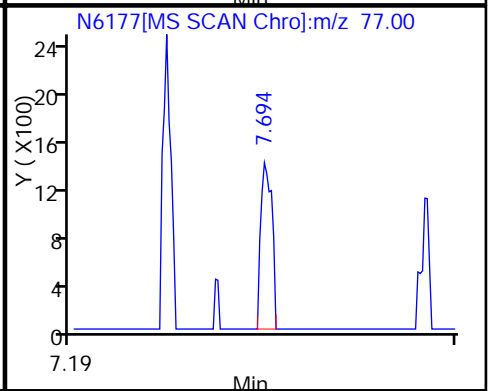
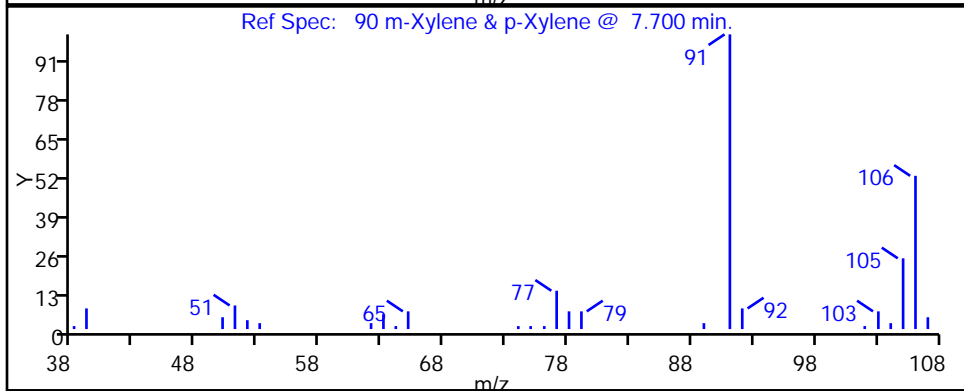
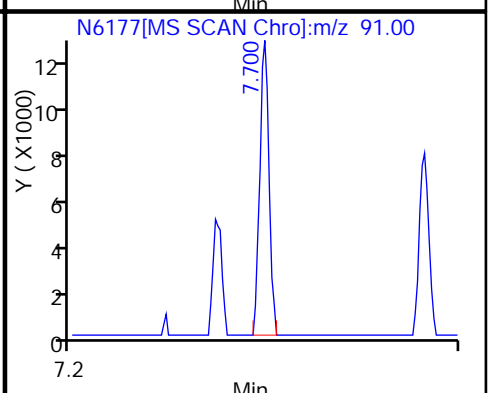
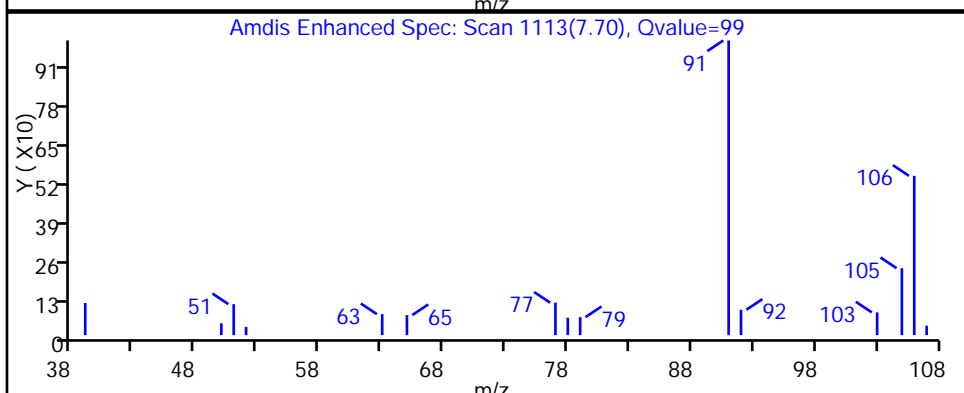
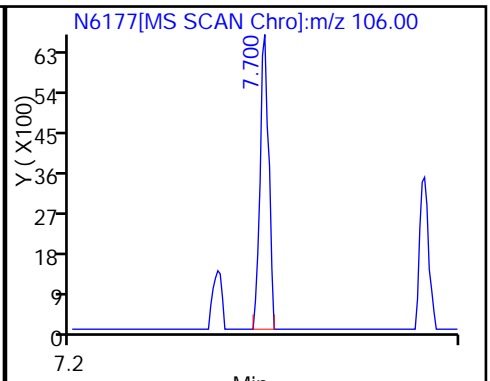
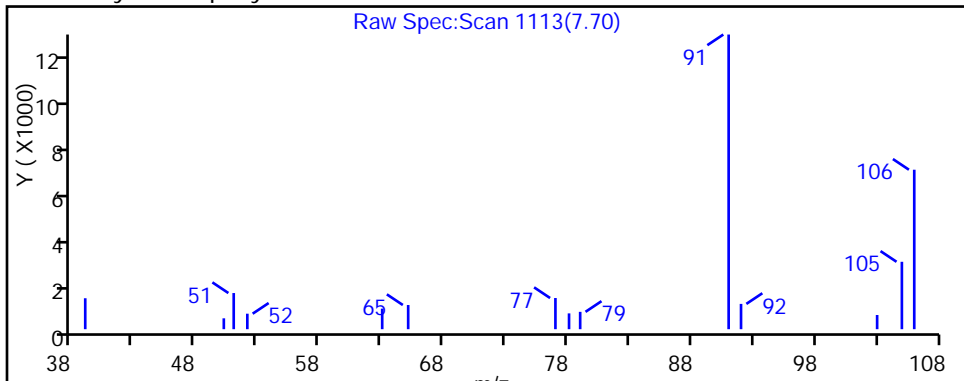


60 Trichloroethene

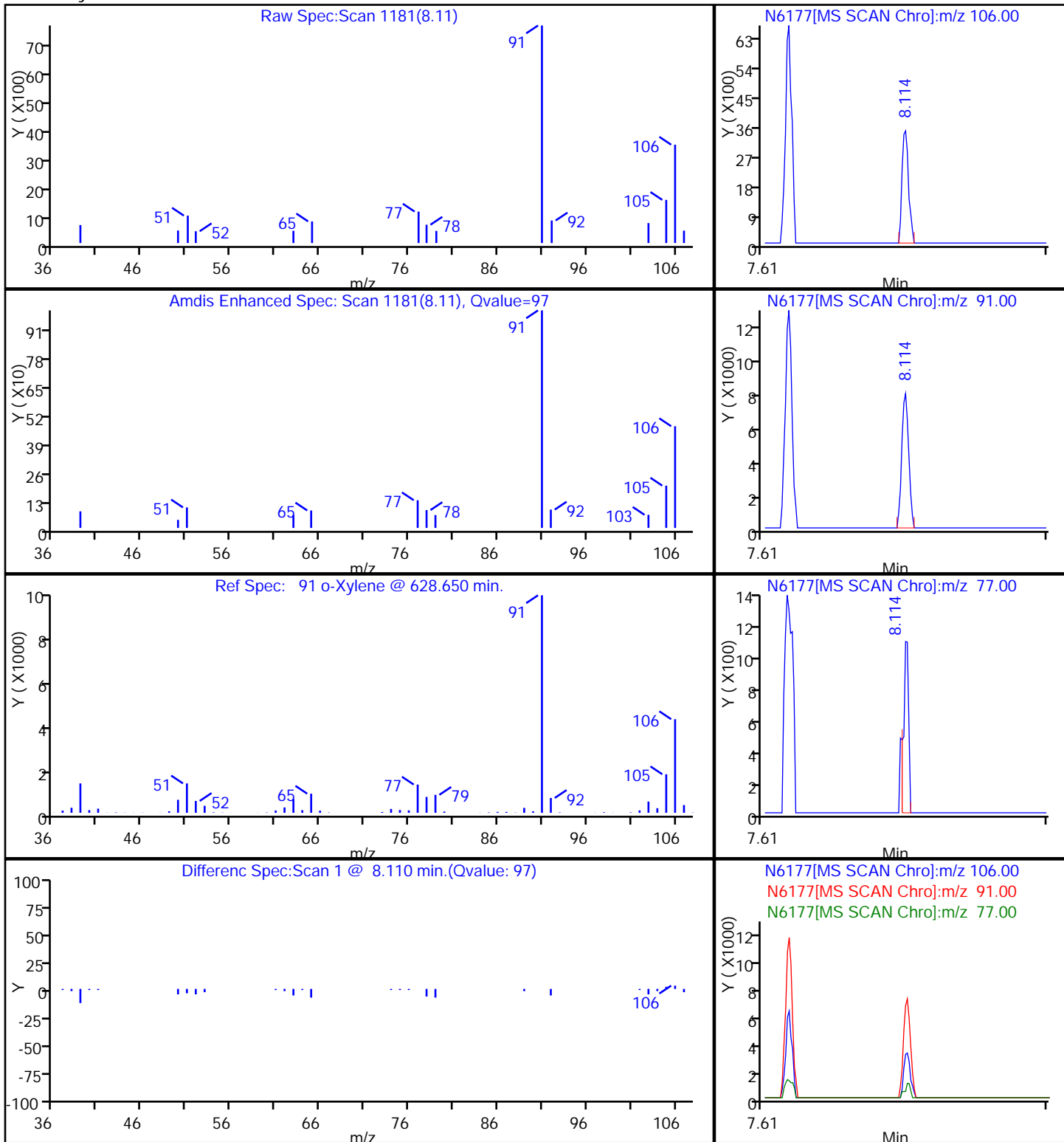


14 Vinyl chloride





91 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-16D Lab Sample ID: 480-3471-11
 Matrix: Ground Water Lab File ID: N6178.D
 Analysis Method: 8260B Date Collected: 04/07/2011 11:00
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 21:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	2.1		1.0	0.21
79-00-5	1,1,2-Trichloroethane	0.89	J	1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	27		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	2.0		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	1.1		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	59		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	59		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-16D Lab Sample ID: 480-3471-11
 Matrix: Ground Water Lab File ID: N6178.D
 Analysis Method: 8260B Date Collected: 04/07/2011 11:00
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 21:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	1.6		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	3.8		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	22		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	33		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6178.D
 Lims ID: 480-3471-A-11 Client ID: MW-16D
 Inject. Date: 10-Apr-2011 21:15:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-11
 Misc. Info.: 480-0002160-022
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 22
 Lims Batch ID: 11454 Lims Sample ID: 22
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 11-Apr-2011 09:24:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	430580	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.439	0.0	83	388891	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	205494	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	175917	31.0	
\$ 6 Toluene-d8 (Surr)	98	5.997	5.991	0.006	80	474033	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	159398	26.4	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.185	1.172	0.013	81	129388	33.1	
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.434	1.428	0.006	99	123427	59.3	
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76	2.188	2.182	0.006	54	12887	1.08	
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84	2.432	2.438	-0.006	85	7715	1.59	
33 trans-1,2-Dichloroethene	96	2.633	2.626	0.006	97	17607	3.81	
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.010	3.004	0.006	82	236789	27.5	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	67	297973	58.9	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97	3.934	3.928	0.006	68	6412	1.17	
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62	4.318	4.318	0.0	98	12955	1.99	
60 Trichloroethene	95	4.853	4.853	0.0	95	111633	22.4	
62 Methylcyclohexane	83		4.975					

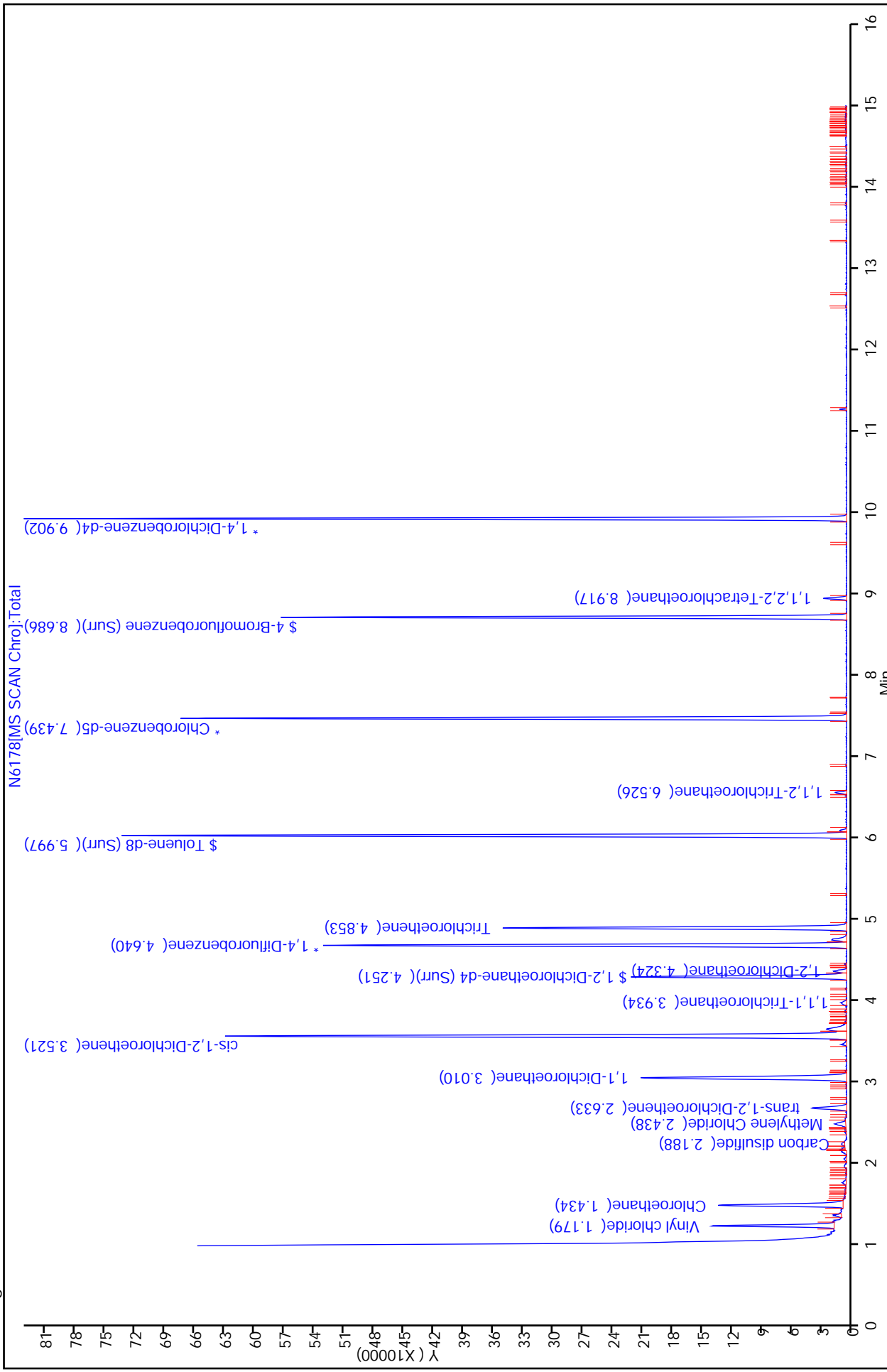
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	63	3276	0.8917	
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83	8.923	8.923	0.0	96	12061	2.09	
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

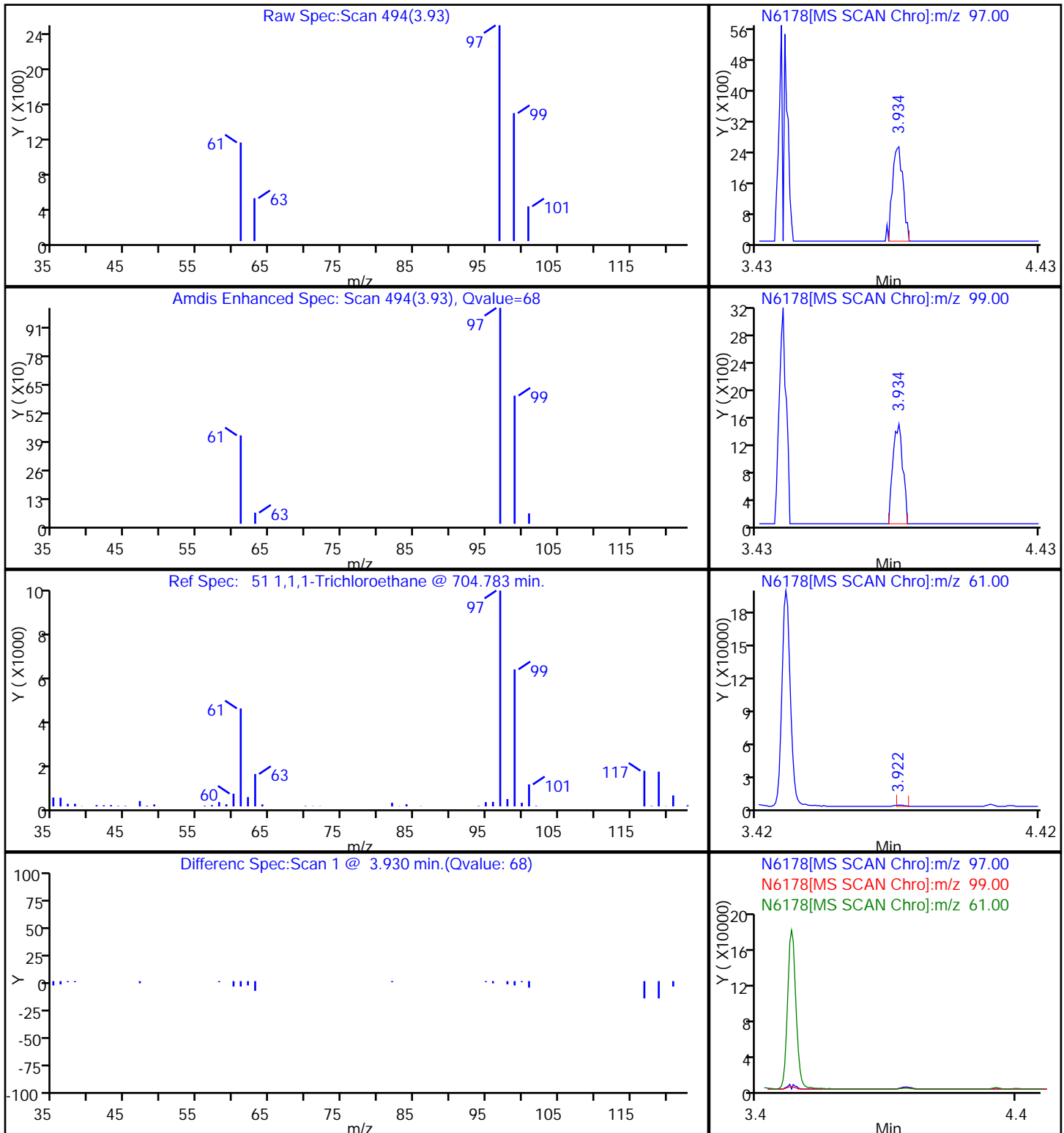
Processing Flags

7 - Failed Limit of Detection

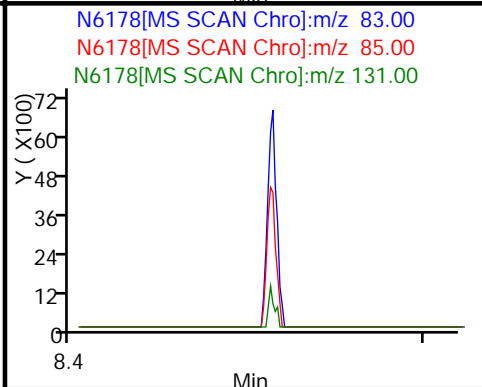
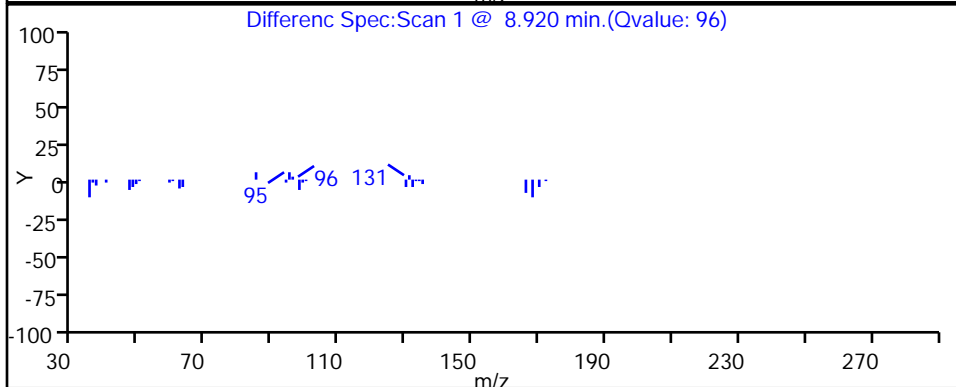
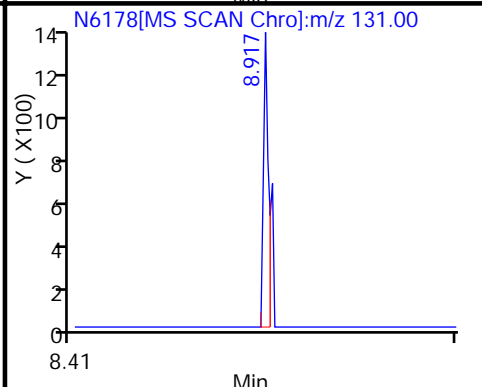
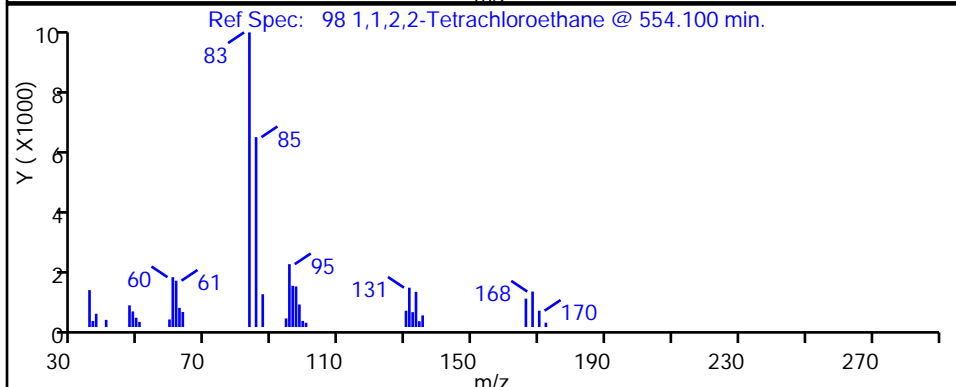
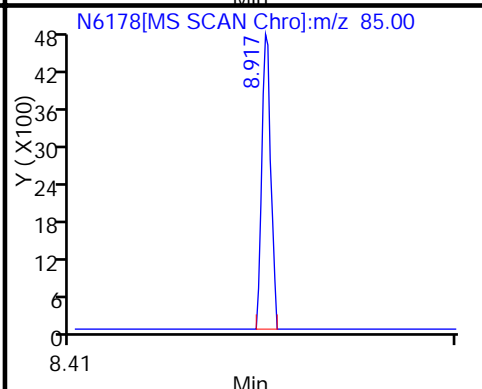
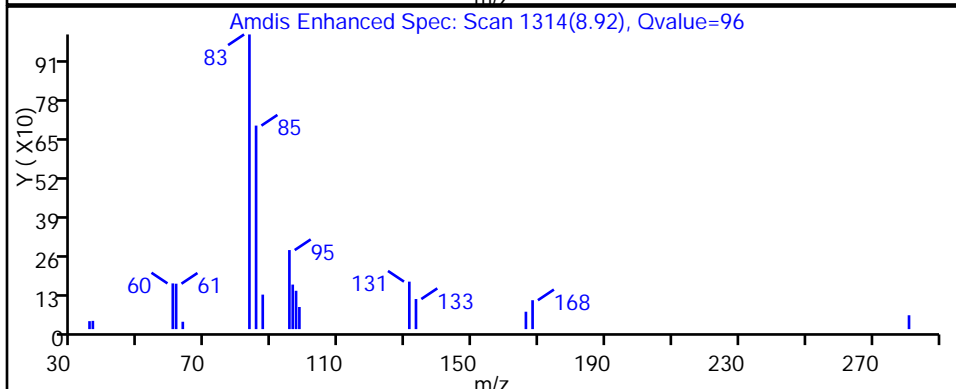
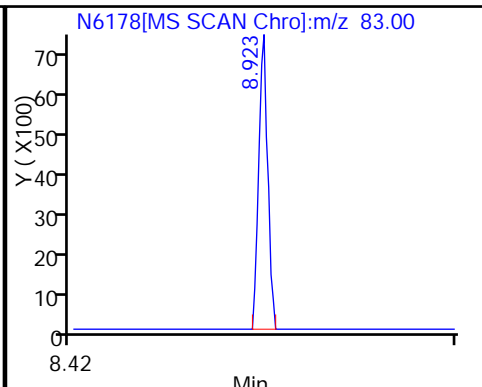
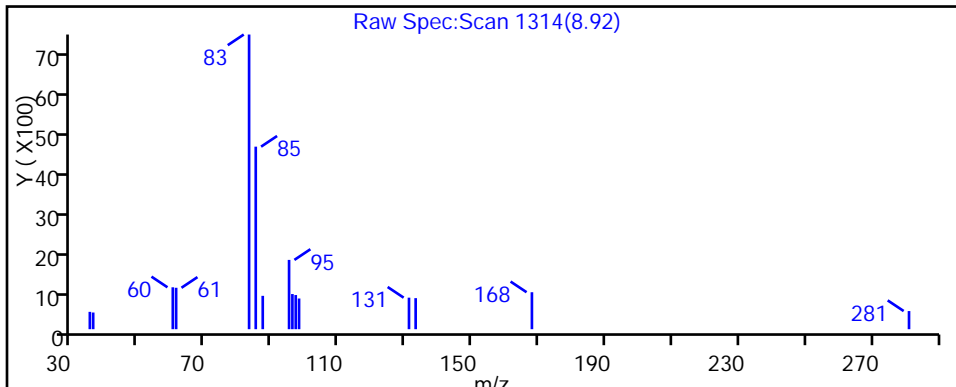
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 Injection Date: 10-Apr-2011 21:15:30
 Client ID: MW-16D
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 22



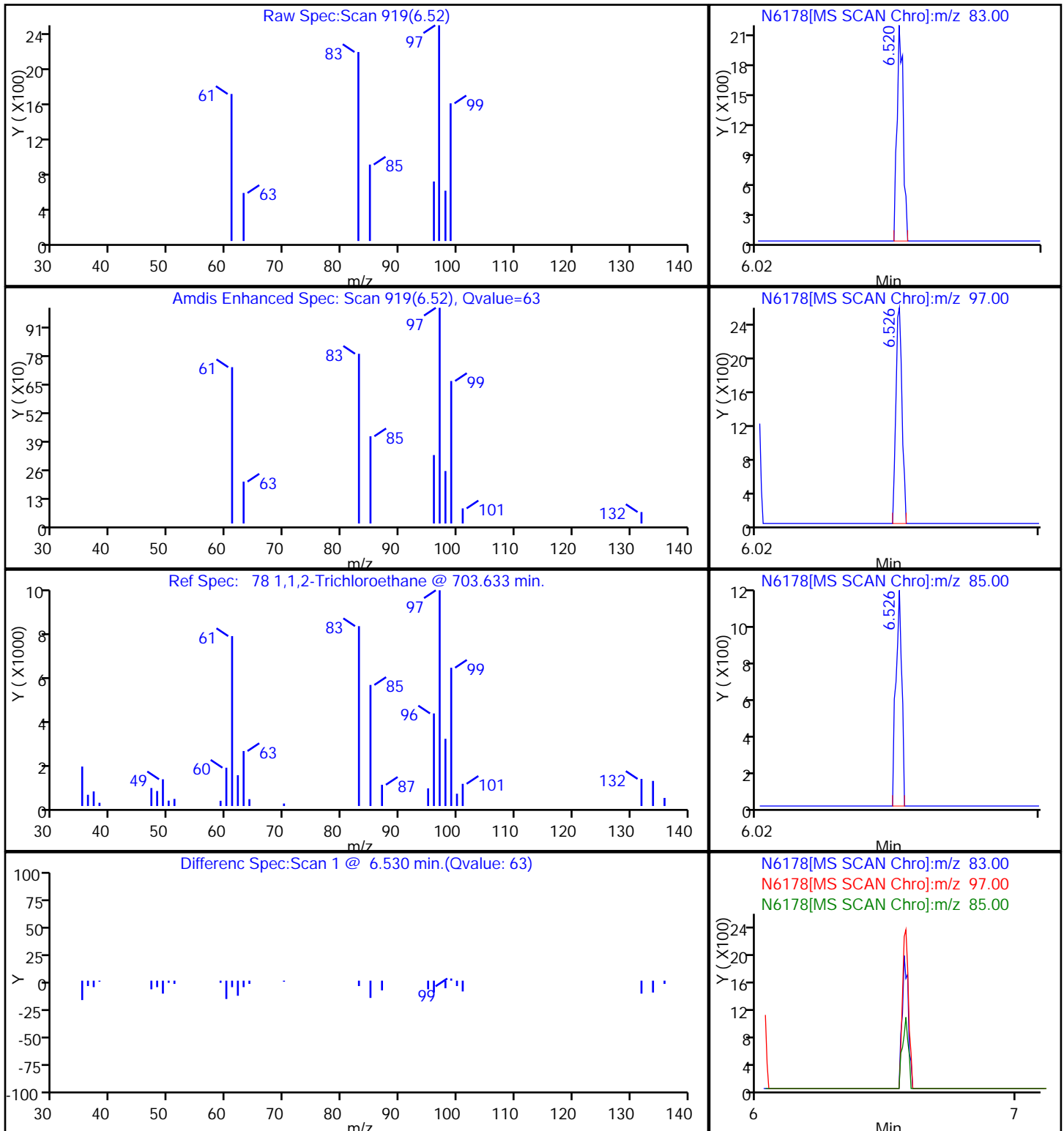
51 1,1,1-Trichloroethane



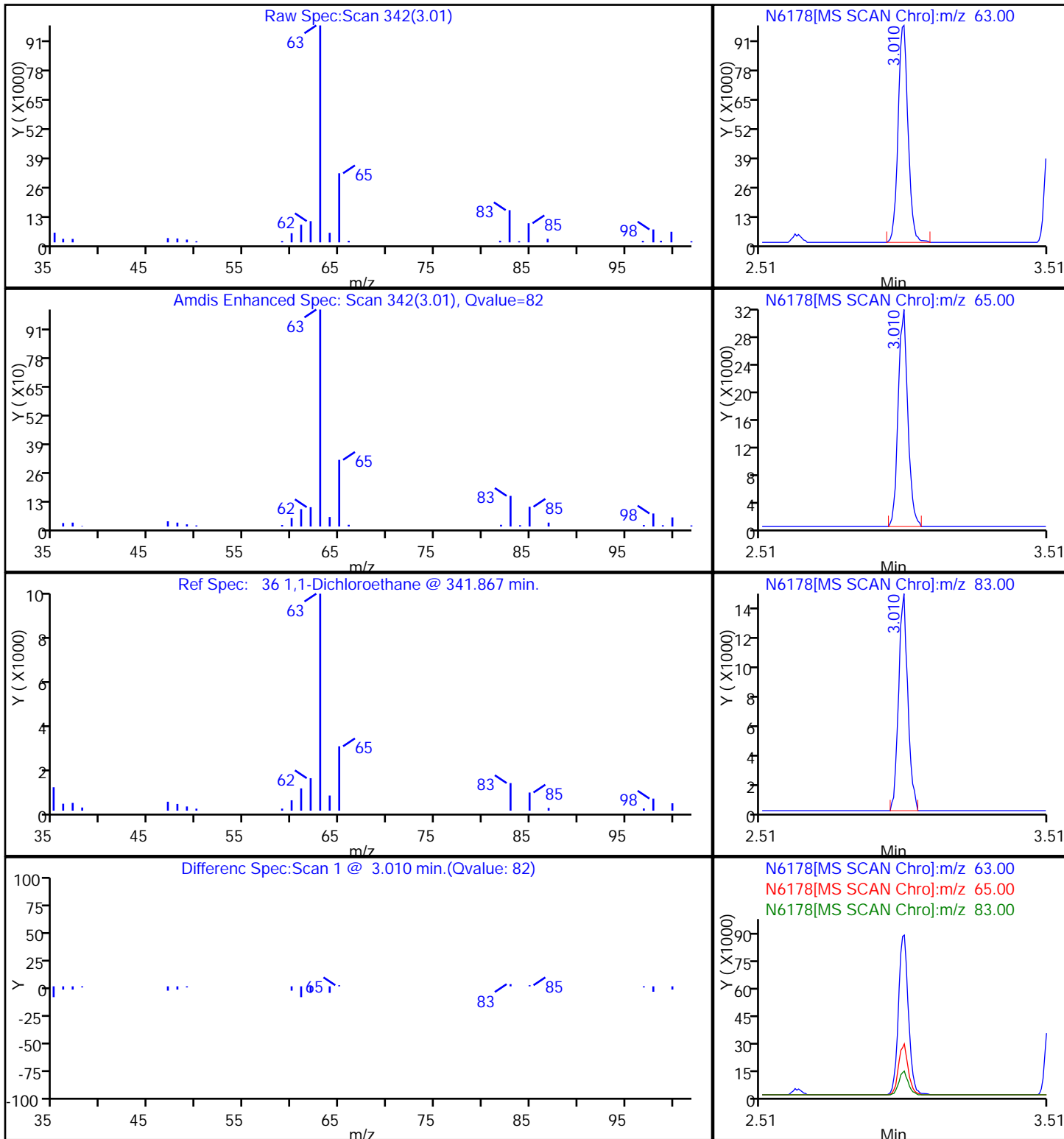
98 1,1,2,2-Tetrachloroethane



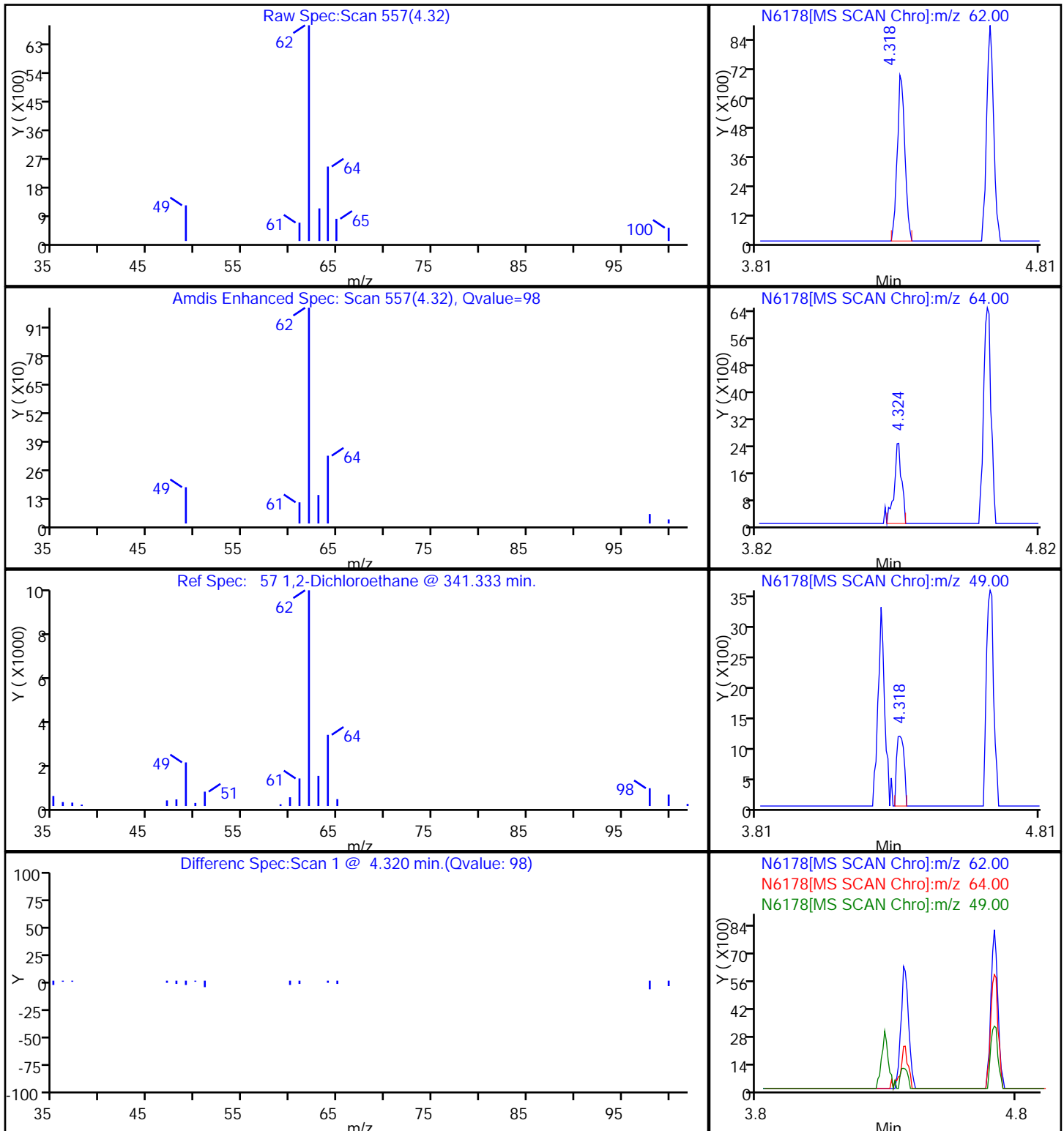
78 1,1,2-Trichloroethane



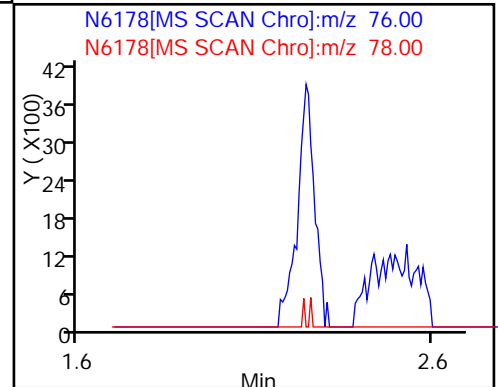
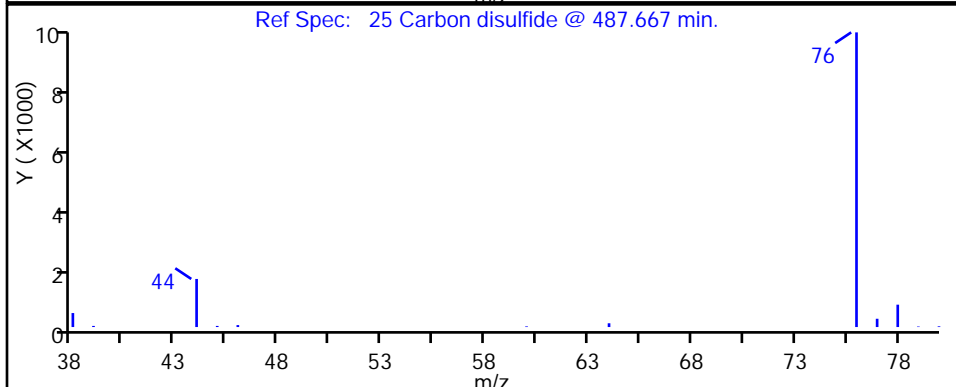
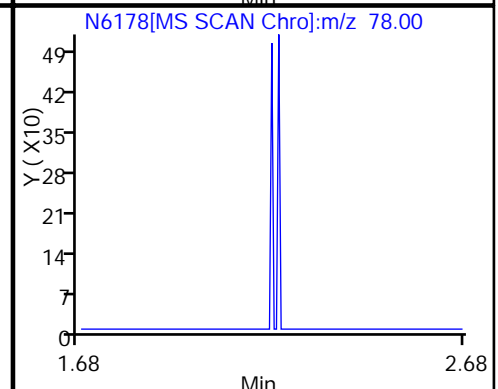
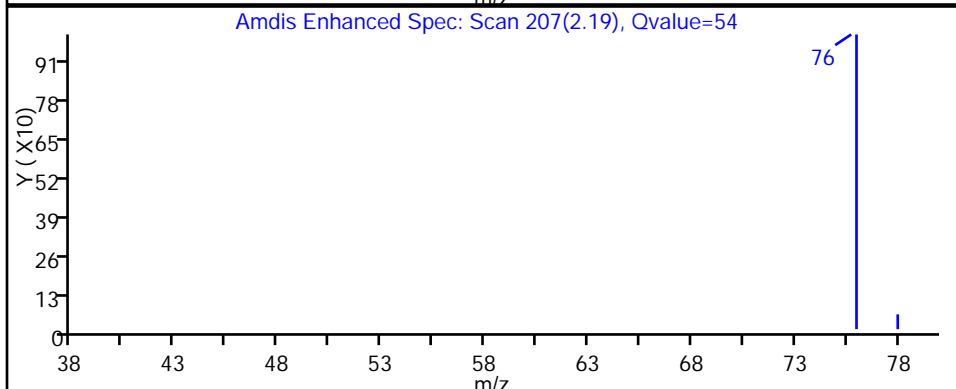
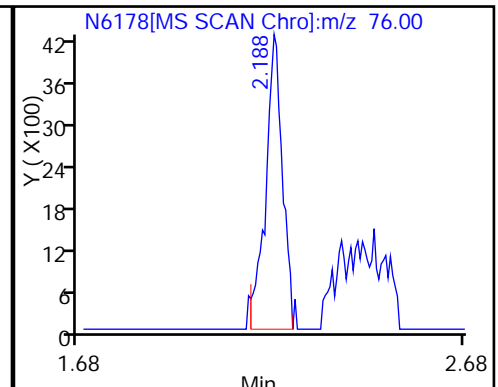
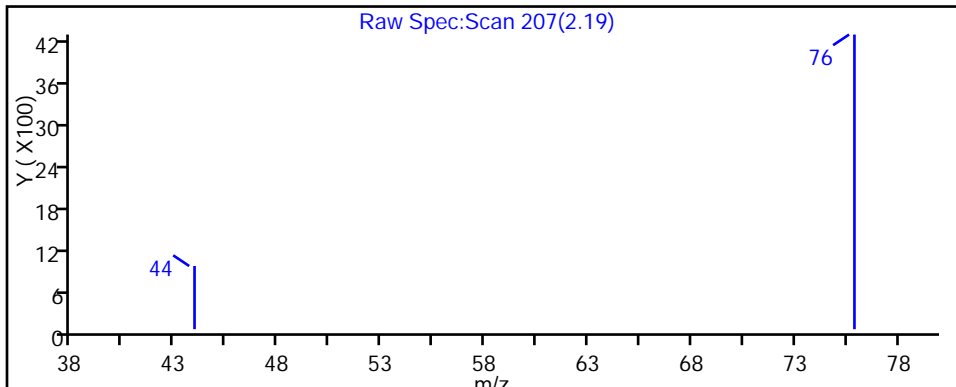
36 1,1-Dichloroethane



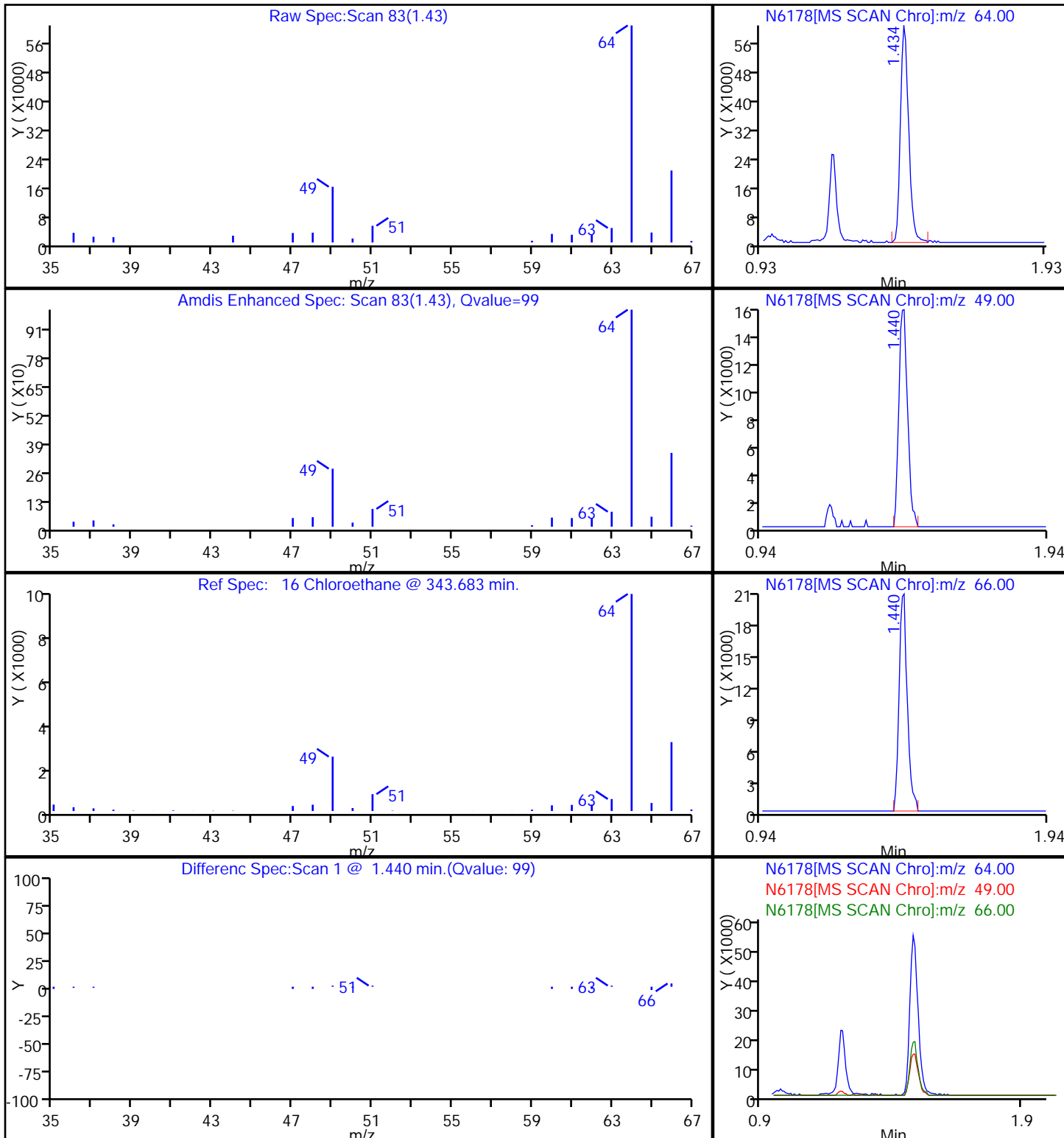
57 1,2-Dichloroethane



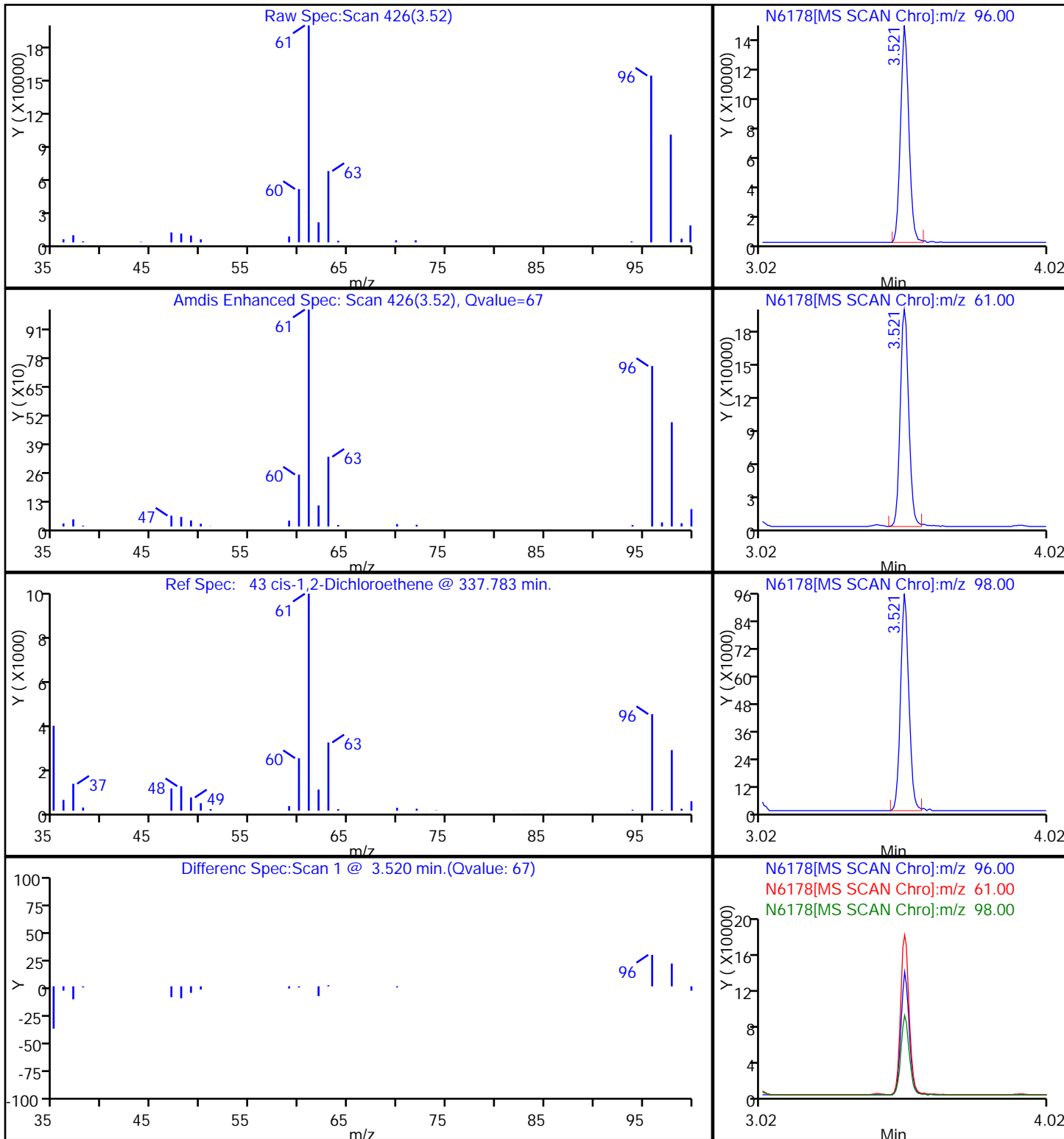
25 Carbon disulfide



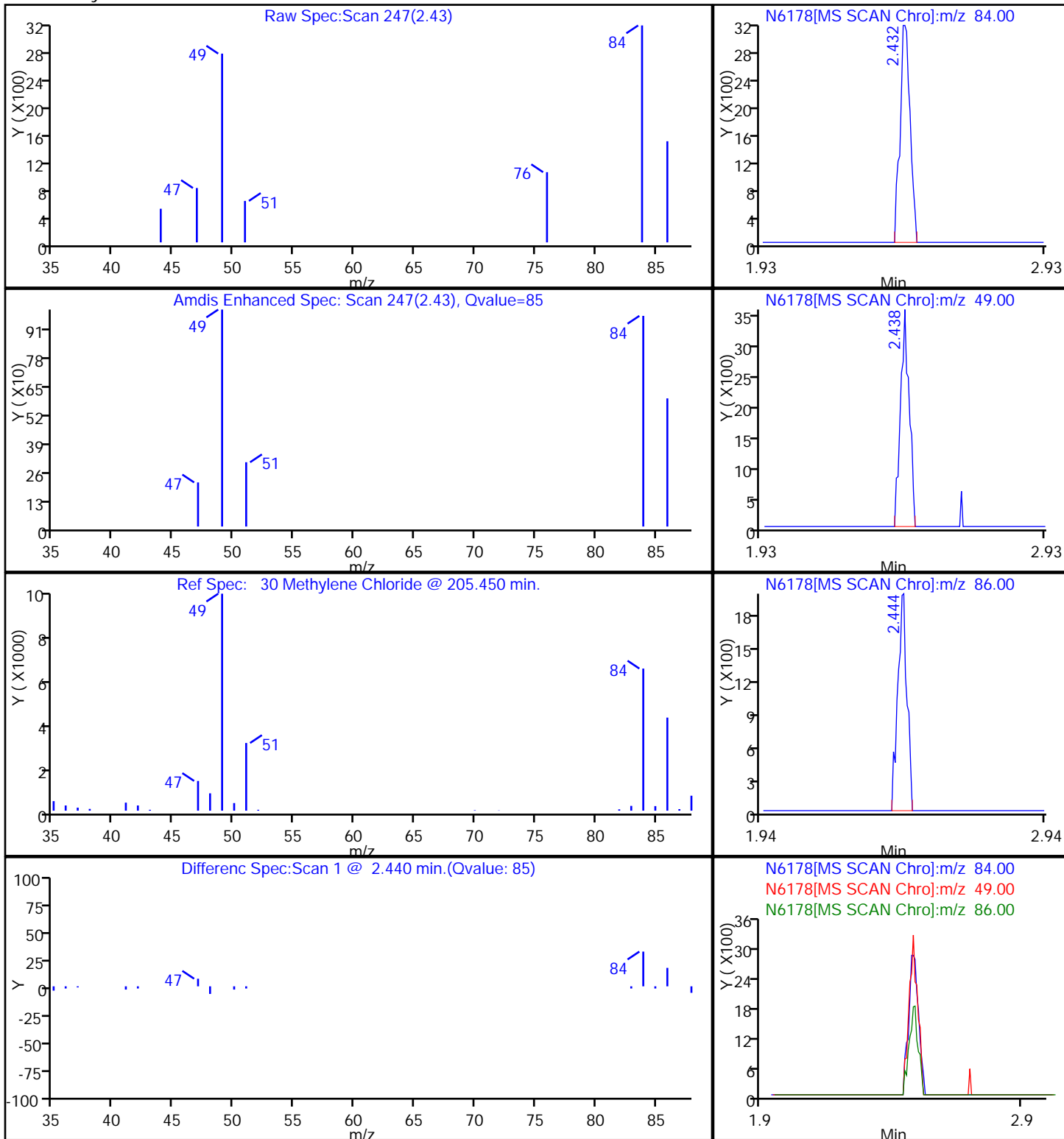
16 Chloroethane



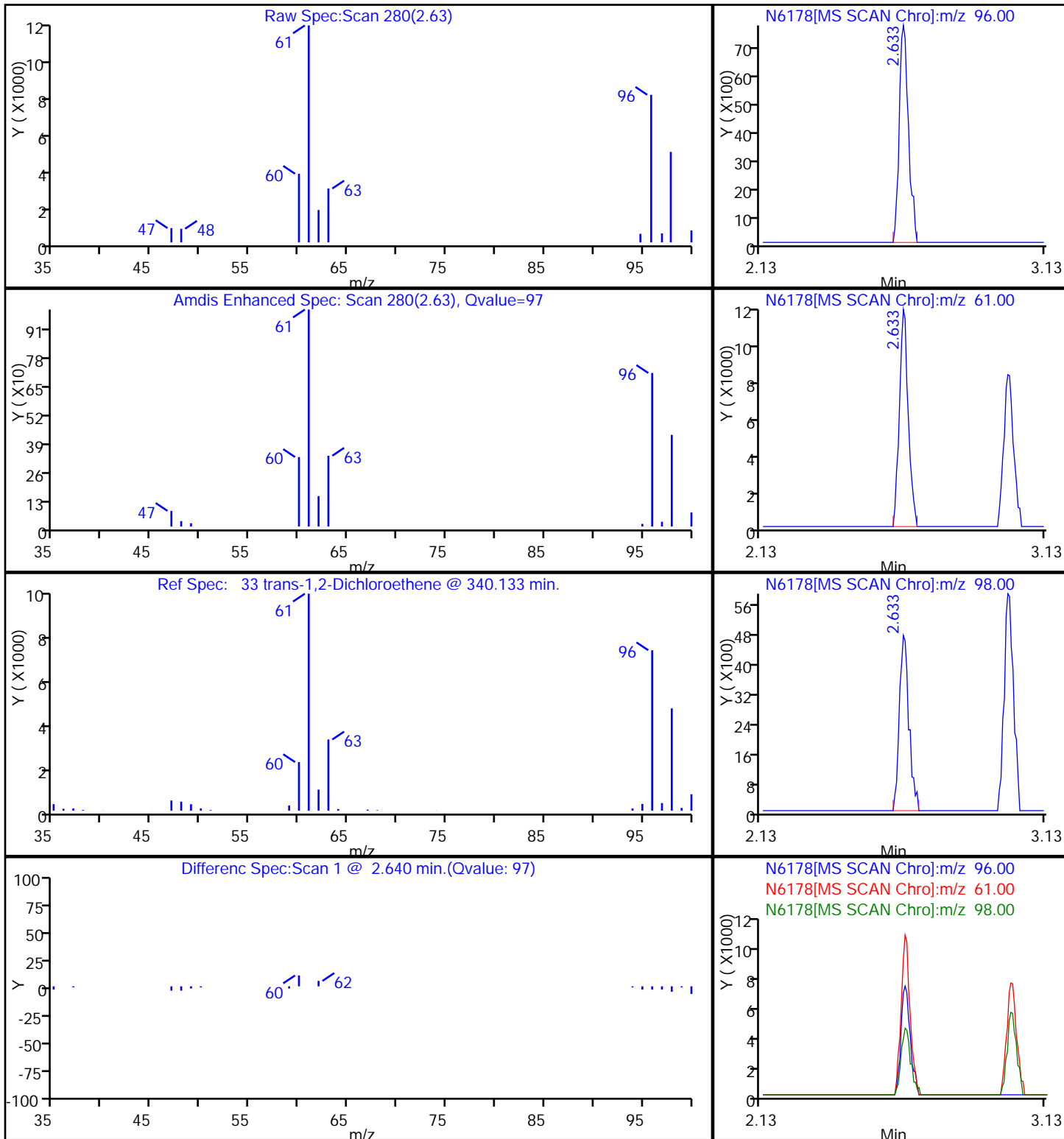
43 cis-1,2-Dichloroethene



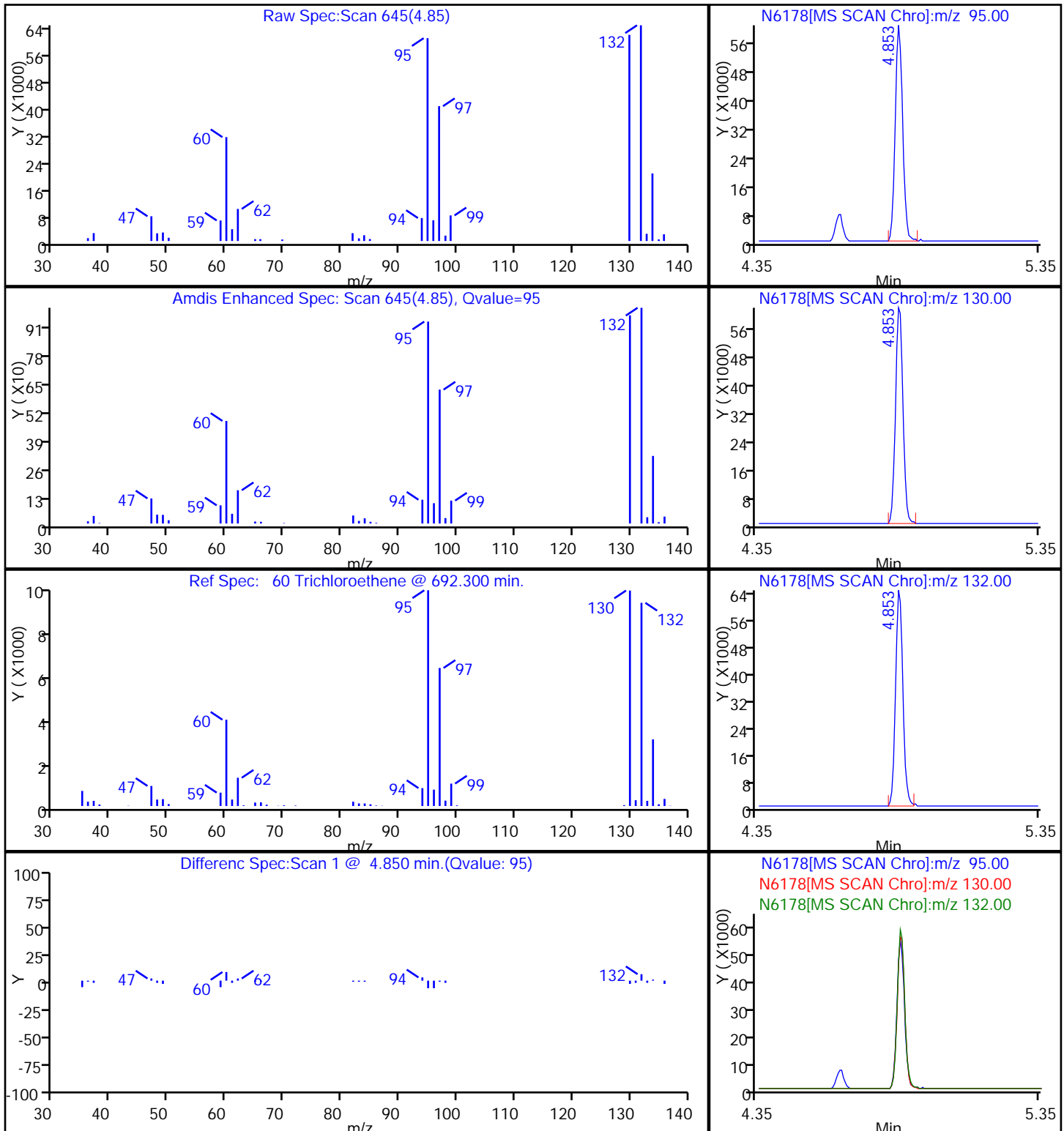
30 Methylene Chloride



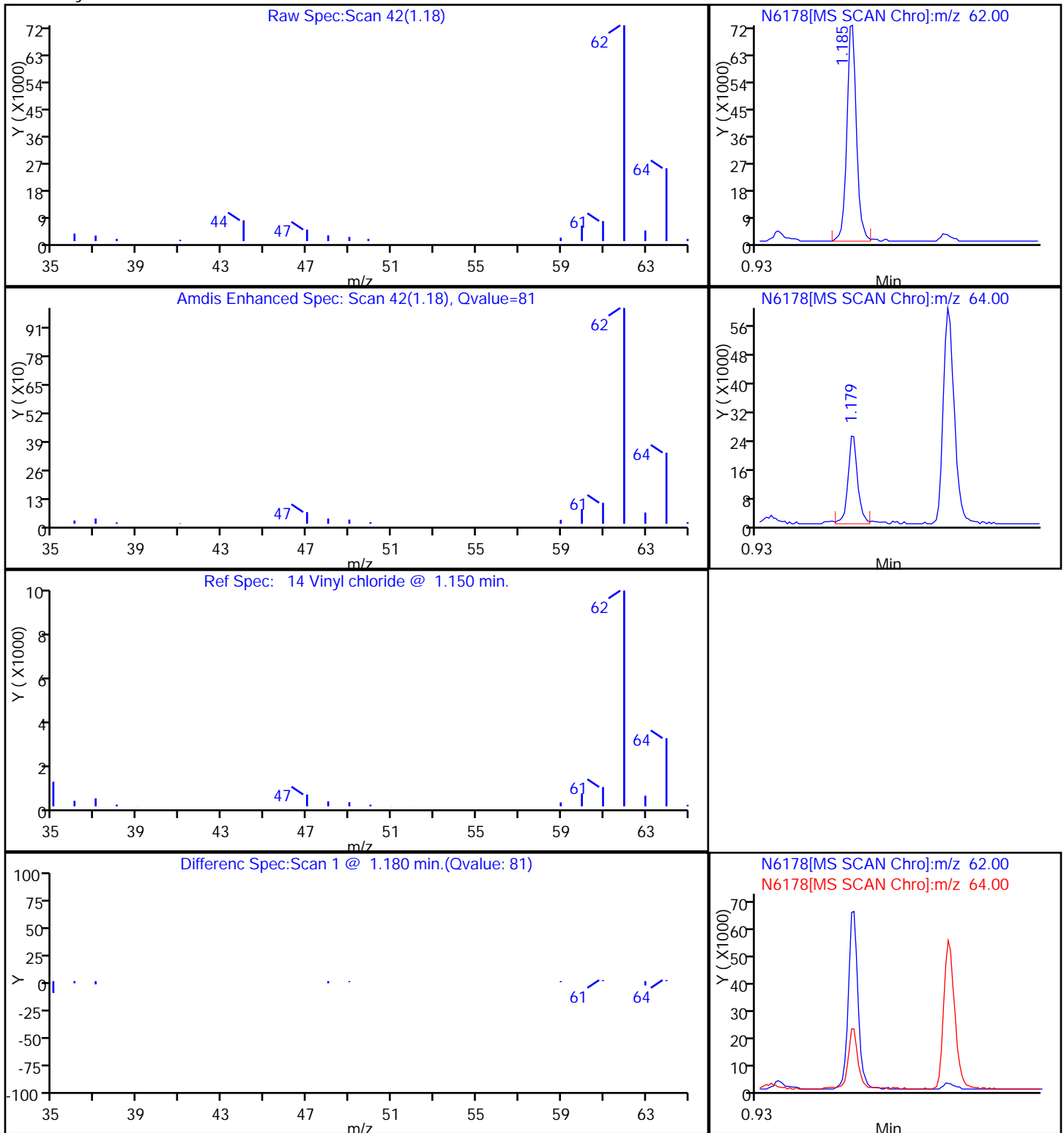
33 trans-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-3471-12
 Matrix: Ground Water Lab File ID: N6149.D
 Analysis Method: 8260B Date Collected: 04/07/2011 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 21:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1900	E	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	7.7		1.0	0.21
79-00-5	1,1,2-Trichloroethane	27		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	1200	E	1.0	0.38
75-35-4	1,1-Dichloroethene	2500	E	1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	8.5		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	1.2		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	11		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	890	E	1.0	0.32
67-66-3	Chloroform	8.2		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	8400	E	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	2.6		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-16S Lab Sample ID: 480-3471-12
 Matrix: Ground Water Lab File ID: N6149.D
 Analysis Method: 8260B Date Collected: 04/07/2011 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 21:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	1.0		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	49		1.0	0.36
108-88-3	Toluene	460	E	1.0	0.51
156-60-5	trans-1,2-Dichloroethene	320	E	1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	14000	E	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	4200	E	1.0	0.90
1330-20-7	Xylenes, Total	9.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	129		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6149.D
 Lims ID: 480-3471-A-12 Client ID: MW-16S
 Inject. Date: 09-Apr-2011 21:00:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-12
 Misc. Info.: 480-0002148-023
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 46
 Lims Batch ID: 11387 Lims Sample ID: 23
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 10-Apr-2011 17:32:45 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: jonesr

Date: 10-Apr-2011 17:33:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.701	4.640	0.061	93	435535	25.0	
* 2 Chlorobenzene-d5	117	7.445	7.438	0.007	85	379453	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	97	201860	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.263	4.251	0.012	0	184649	32.2	
\$ 6 Toluene-d8 (Surr)	98	6.015	5.991	0.025	80	457863	24.7	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.692	8.686	0.006	80	152183	25.8	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62	1.203	1.172	0.031	75	16415406	4156.7	5
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.464	1.428	0.036	100	1865616	885.7	5
18 Trichlorofluoromethane	101		1.635					
22 1,1-Dichloroethene	96	2.018	2.000	0.018	70	11471644	2540.3	5
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43		2.085					
25 Carbon disulfide	76	2.219	2.182	0.037	99	131482	10.9	
28 Methyl acetate	43		2.334					
30 Methylene Chloride	84	2.468	2.438	0.030	71	5084	1.04	
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96	2.675	2.626	0.049	97	1517324	324.9	5
36 1,1-Dichloroethane	63	3.046	3.003	0.043	81	10426109	1196.9	5
43 cis-1,2-Dichloroethene	96	3.569	3.521	0.048	60	43139656	8426.9	5M
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83	3.873	3.819	0.054	45	69853	8.22	
51 1,1,1-Trichloroethane	97	3.965	3.928	0.037	98	10421807	1887.9	5
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78	4.299	4.251	0.048	97	24870	1.20	
57 1,2-Dichloroethane	62	4.330	4.318	0.012	98	56134	8.50	
60 Trichloroethene	95	4.950	4.853	0.097	0	72673767	14428	5M
62 Methylcyclohexane	83		4.968					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.364					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92	6.076	6.051	0.025	91	5827547	456.8	5
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83	6.532	6.520	0.012	87	96928	27.0	
79 Tetrachloroethene	166	6.587	6.575	0.012	87	258741	49.1	
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91	7.578	7.572	0.006	98	61919	2.62	
90 m-Xylene & p-Xylene	106	7.706	7.700	0.006	100	57246	5.98	
91 o-Xylene	106	8.114	8.108	0.006	97	29643	3.21	
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83	8.923	8.917	0.006	87	43636	7.68	
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1				0		9.20	

QC Flag Legend

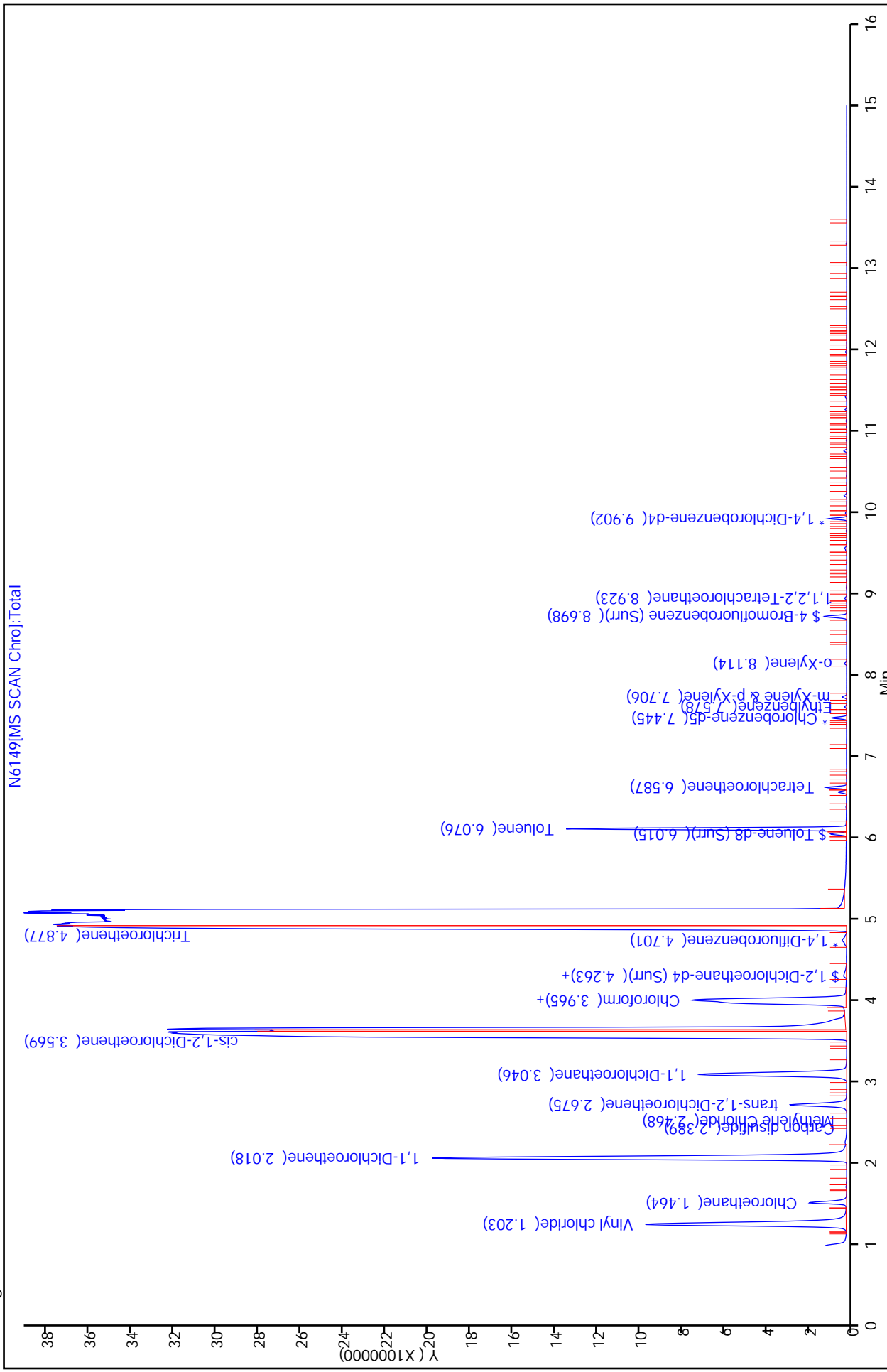
Processing Flags

5 - Exceeded Maximum Amount

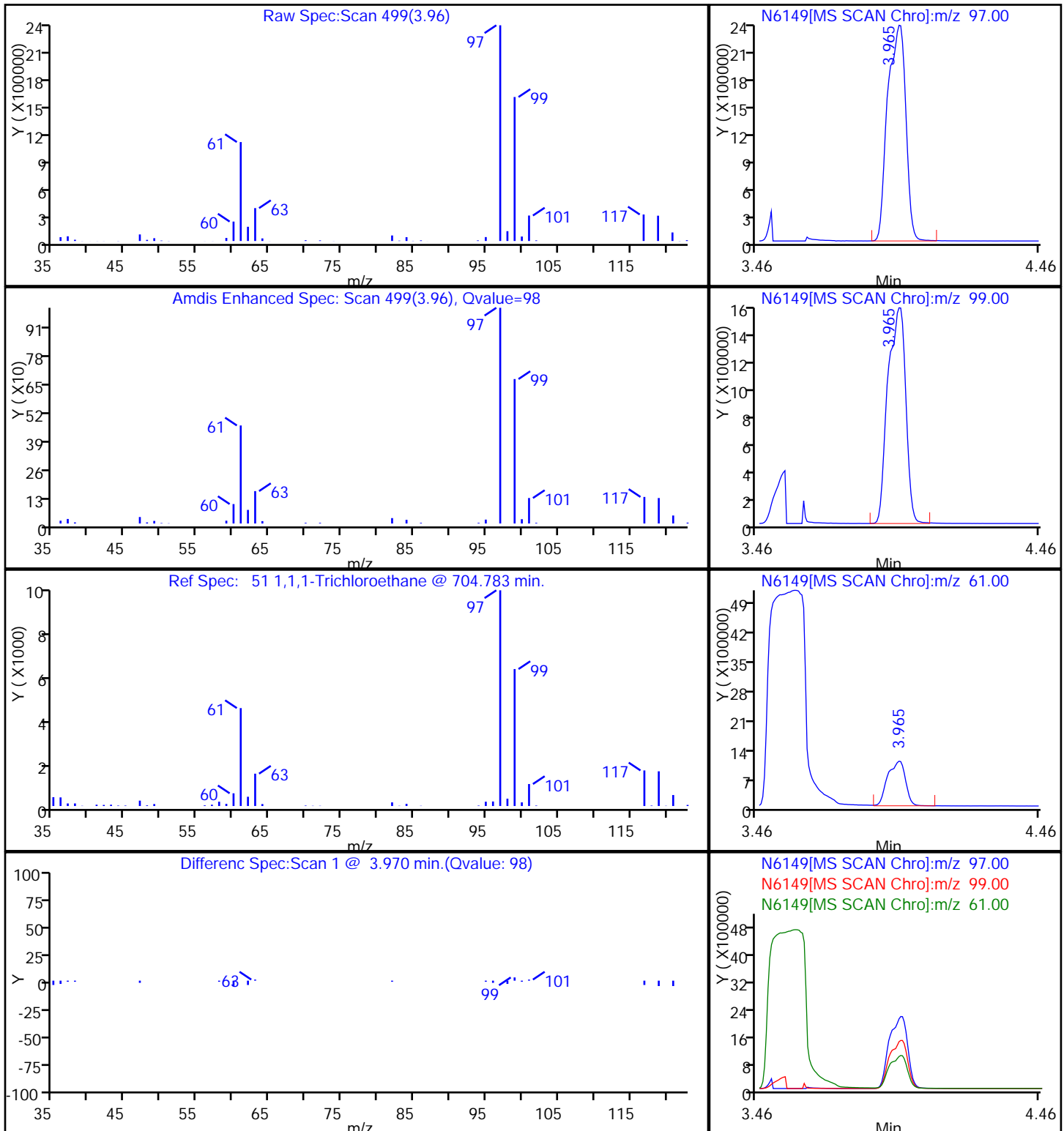
Review Flags

M - Manually Integrated

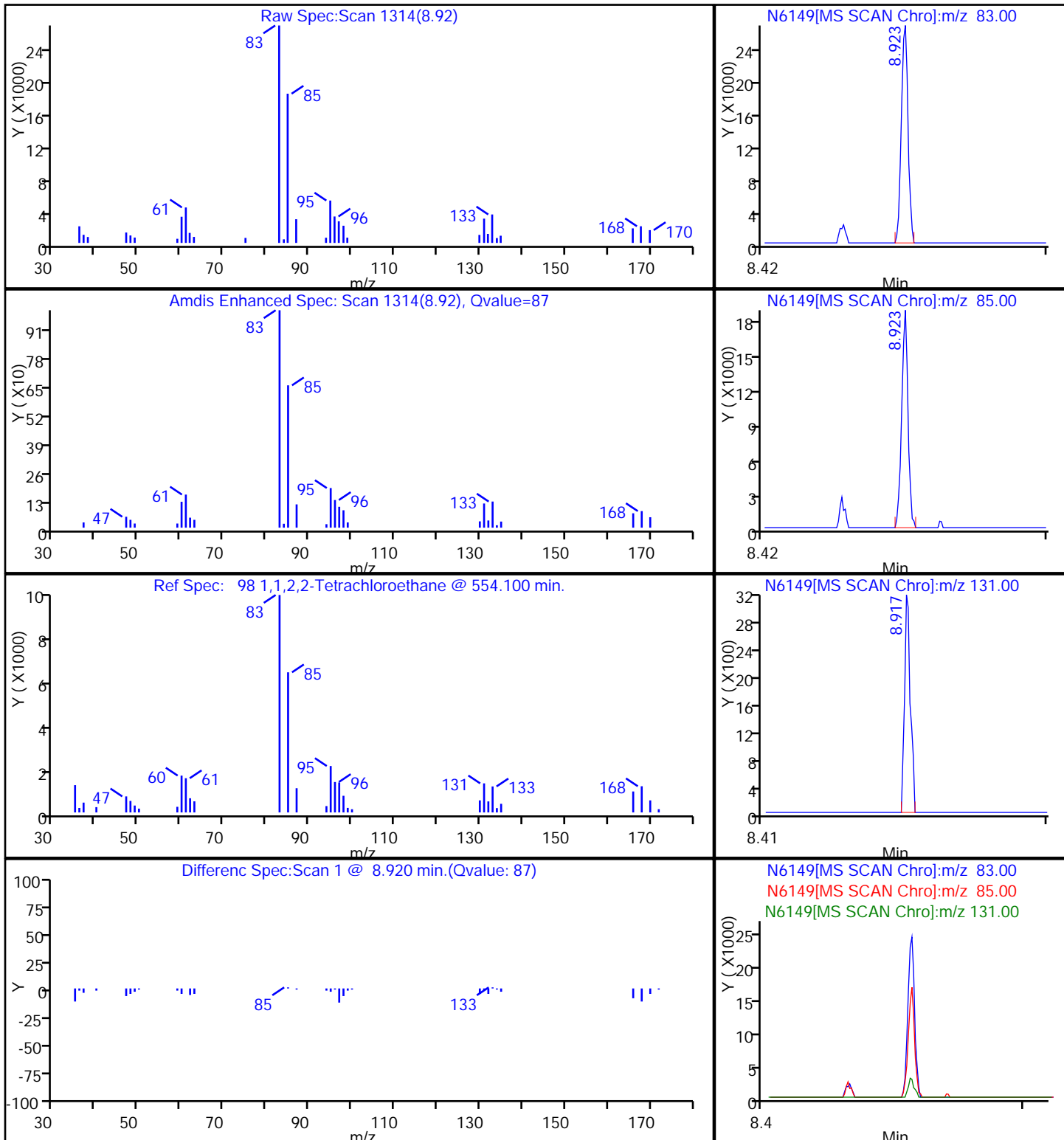
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 Injection Date: 09-Apr-2011 21:00:30
 Client ID: MW-16S
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 23



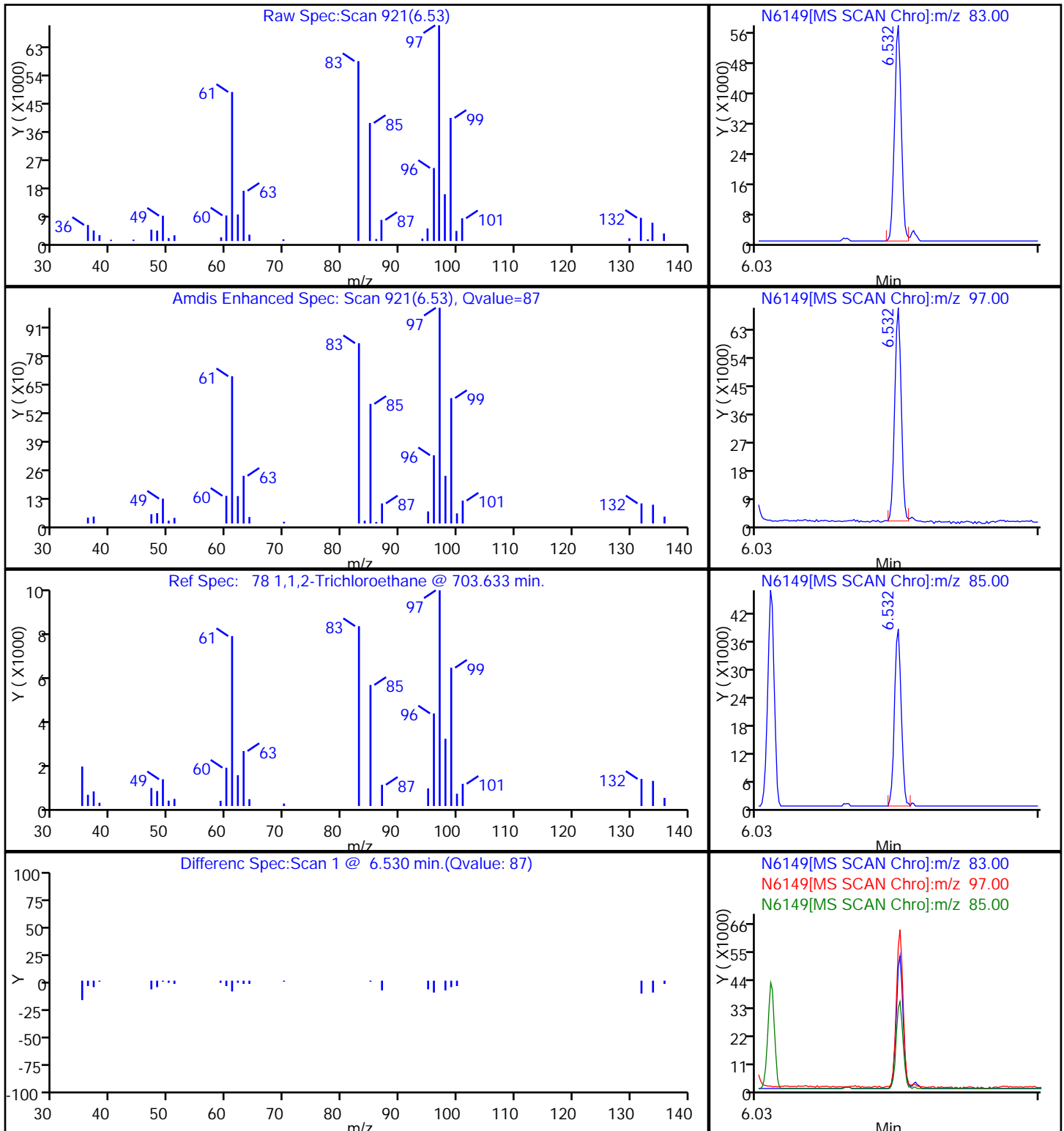
51 1,1,1-Trichloroethane



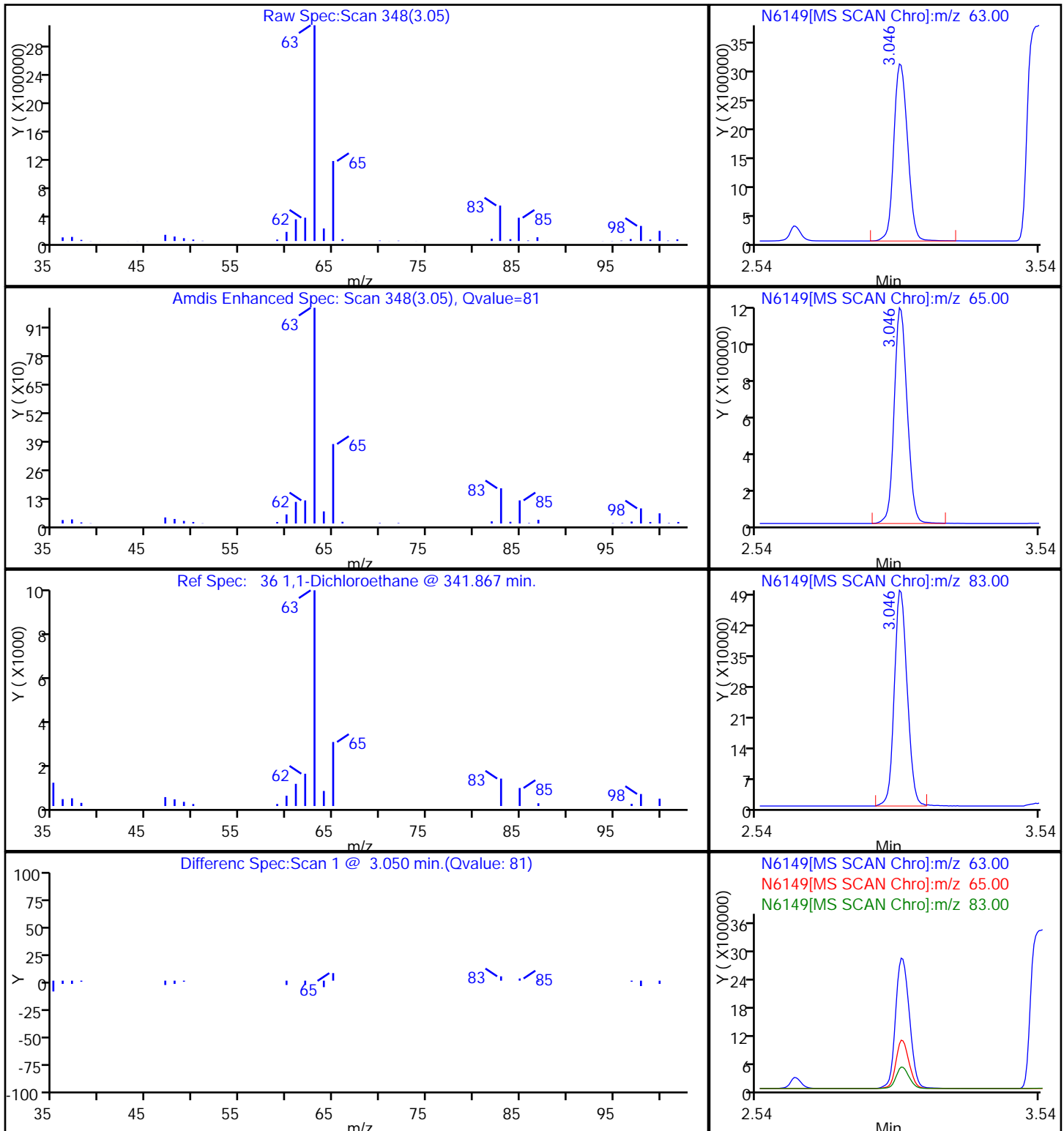
98 1,1,2,2-Tetrachloroethane



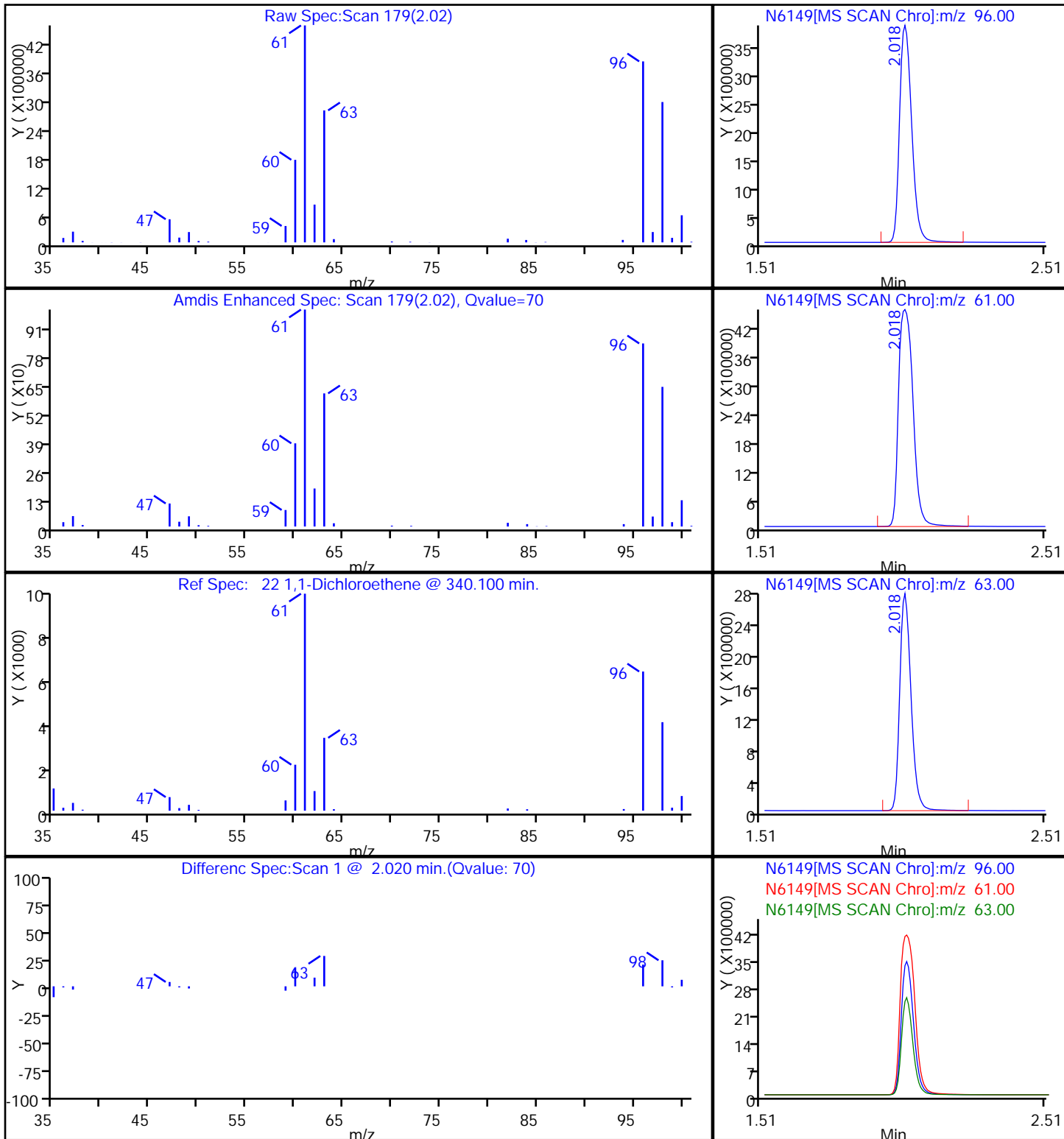
78 1,1,2-Trichloroethane



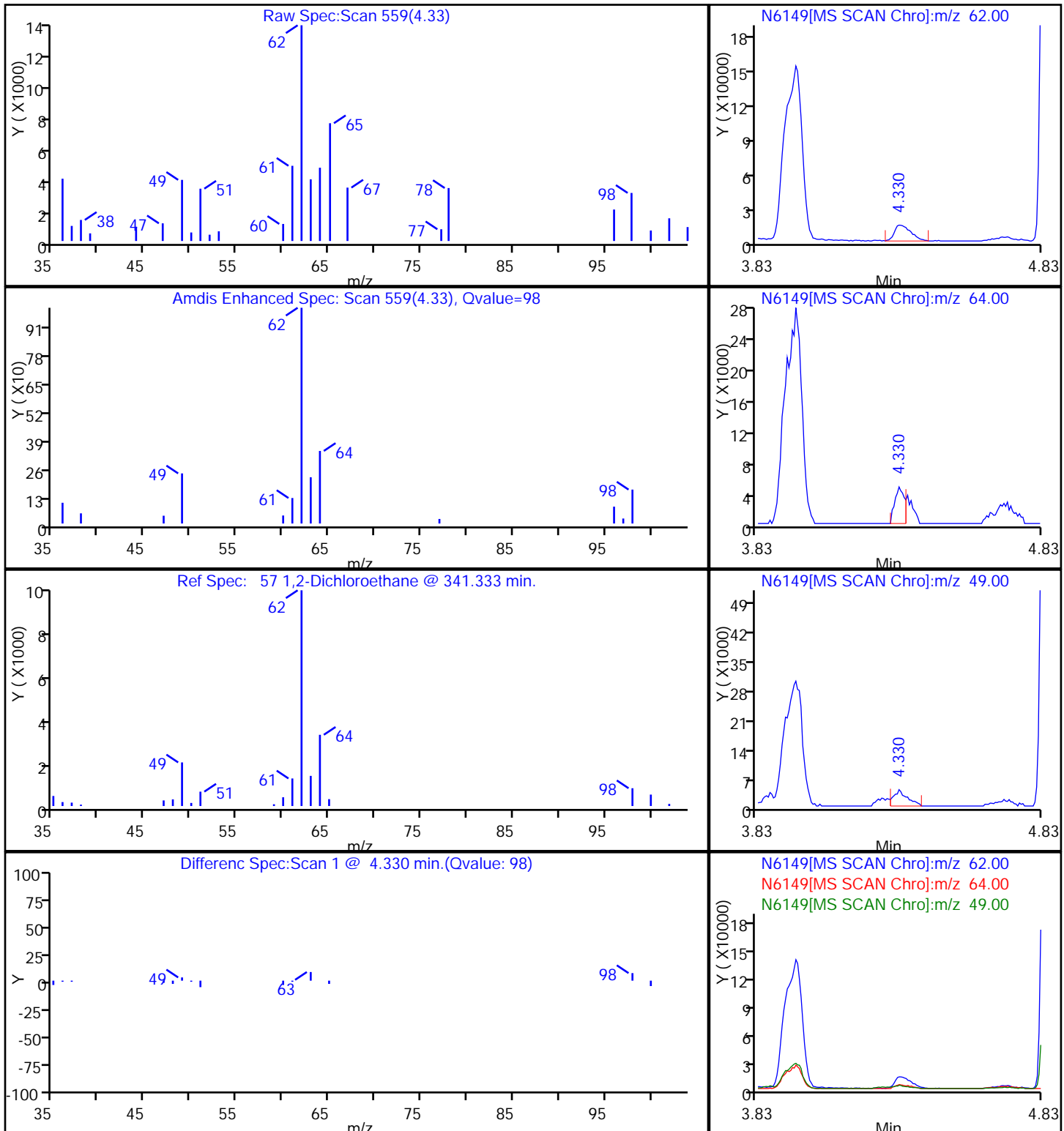
36 1,1-Dichloroethane



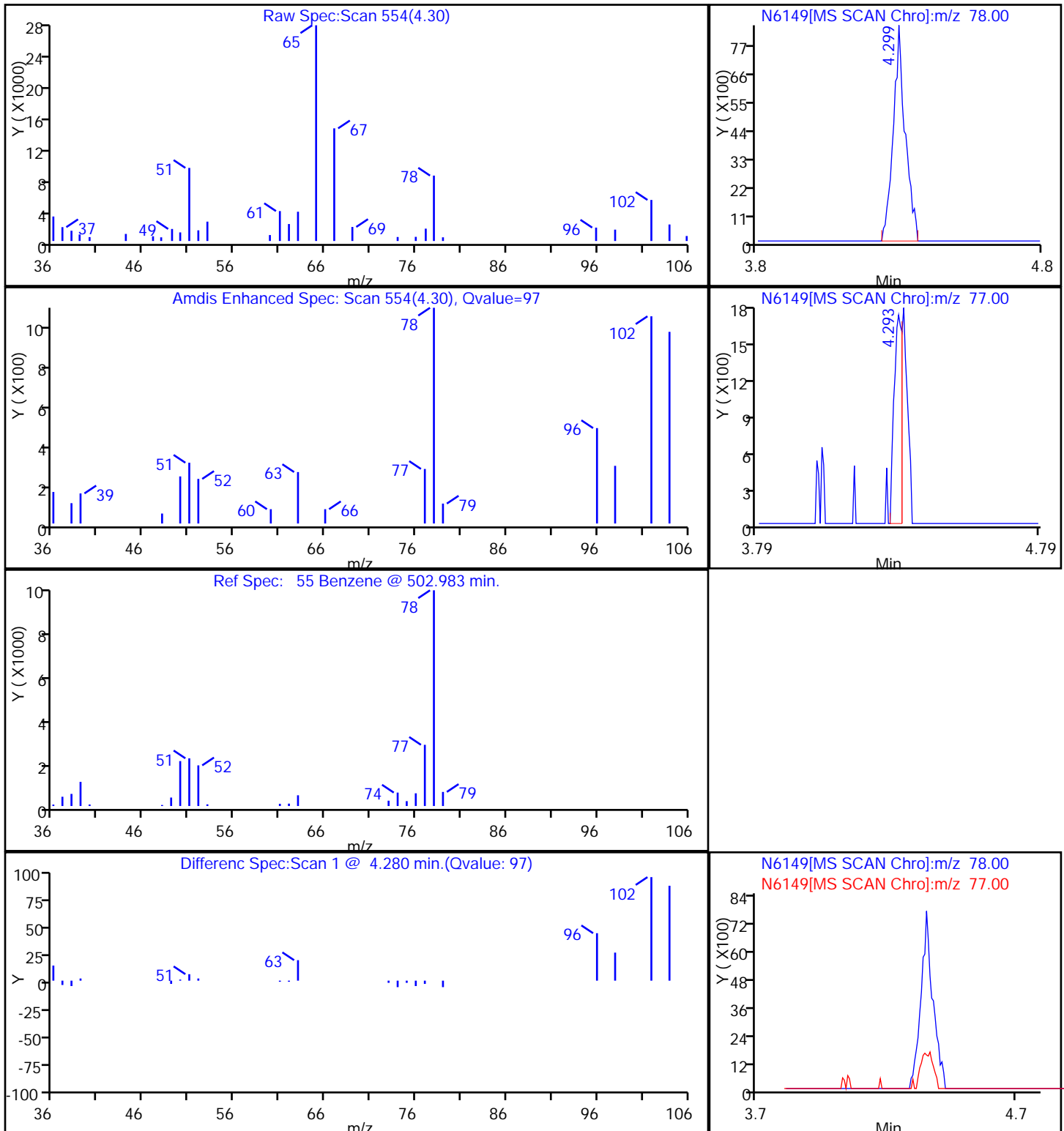
22 1,1-Dichloroethene



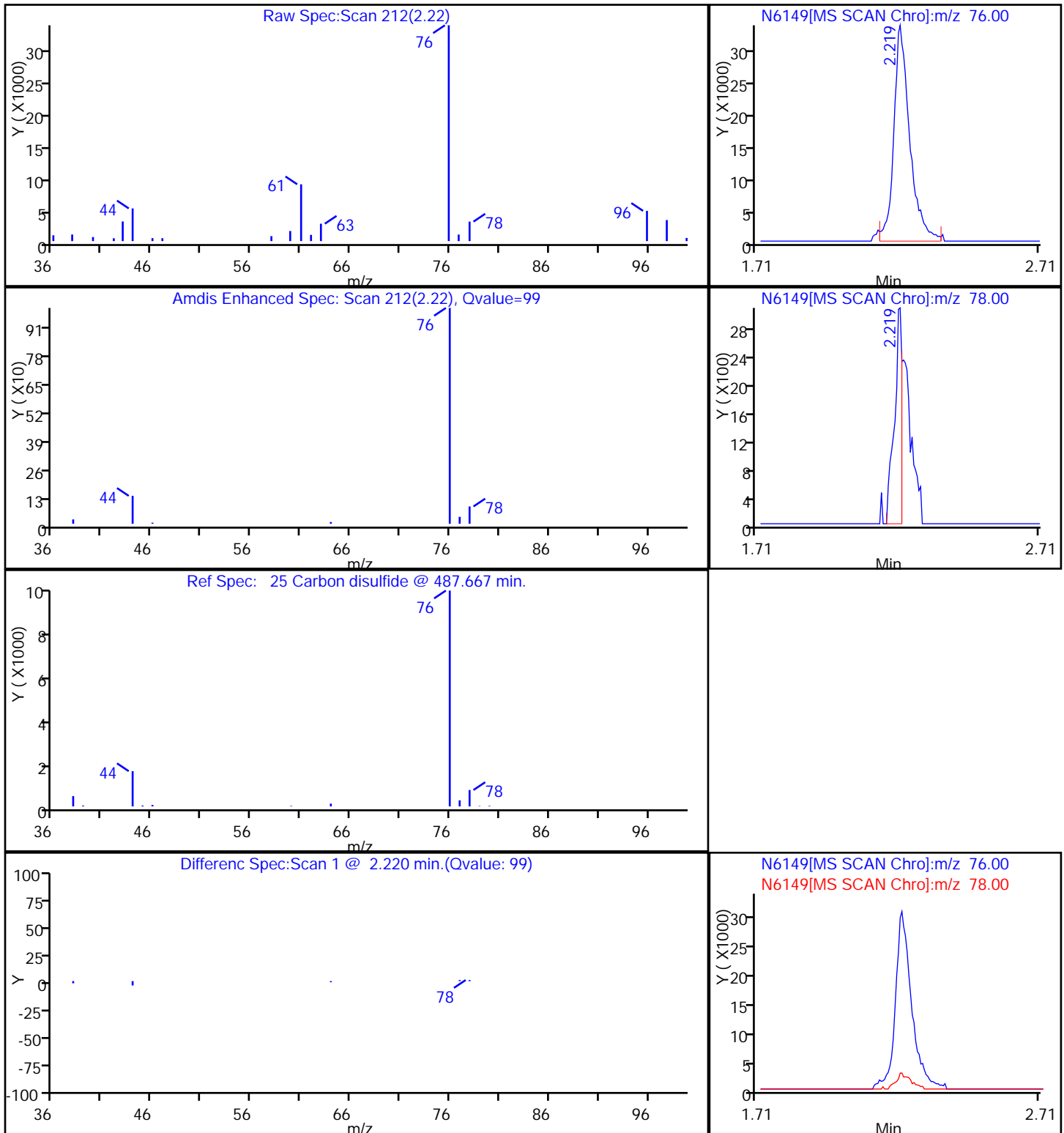
57 1,2-Dichloroethane



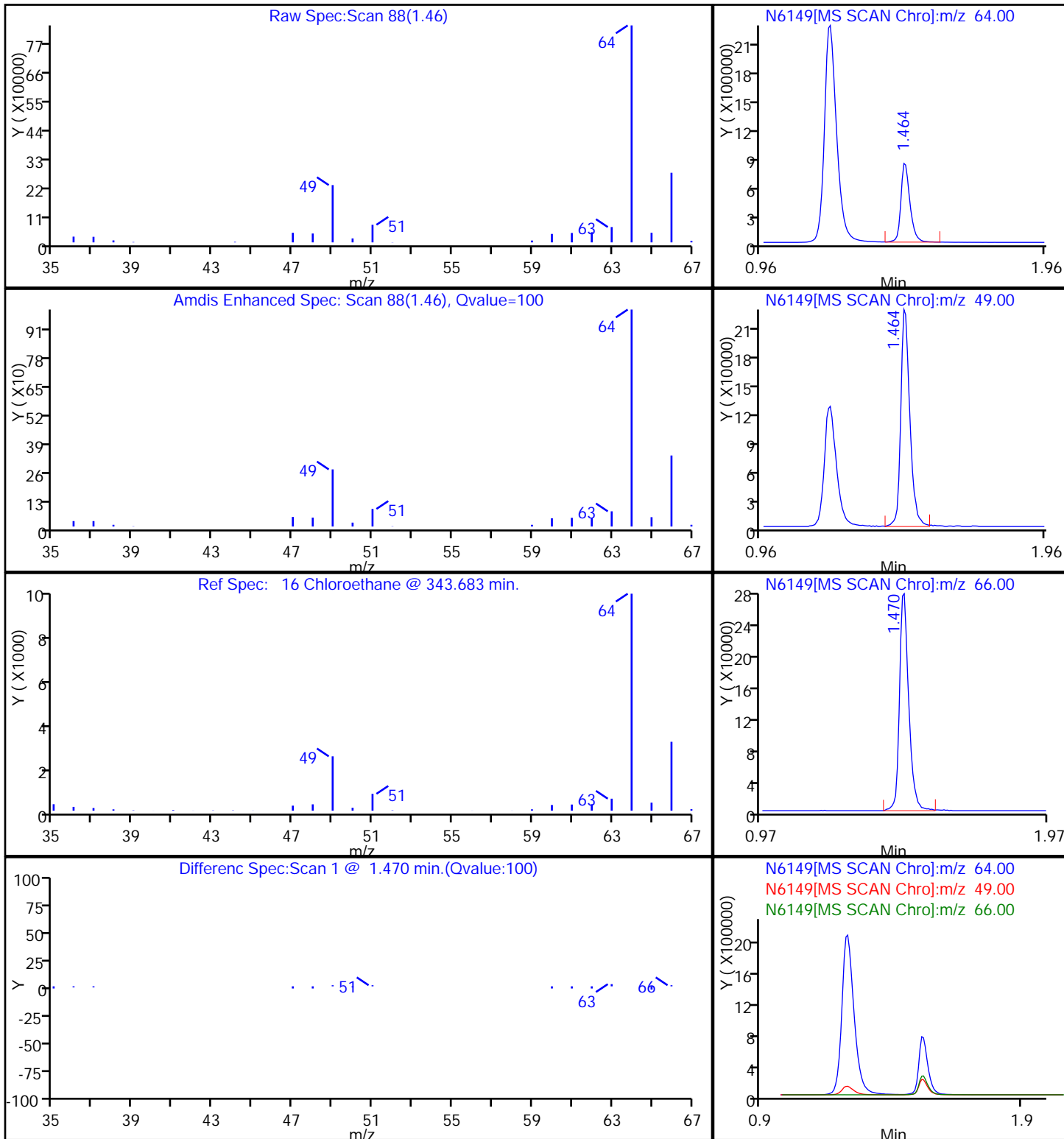
55 Benzene



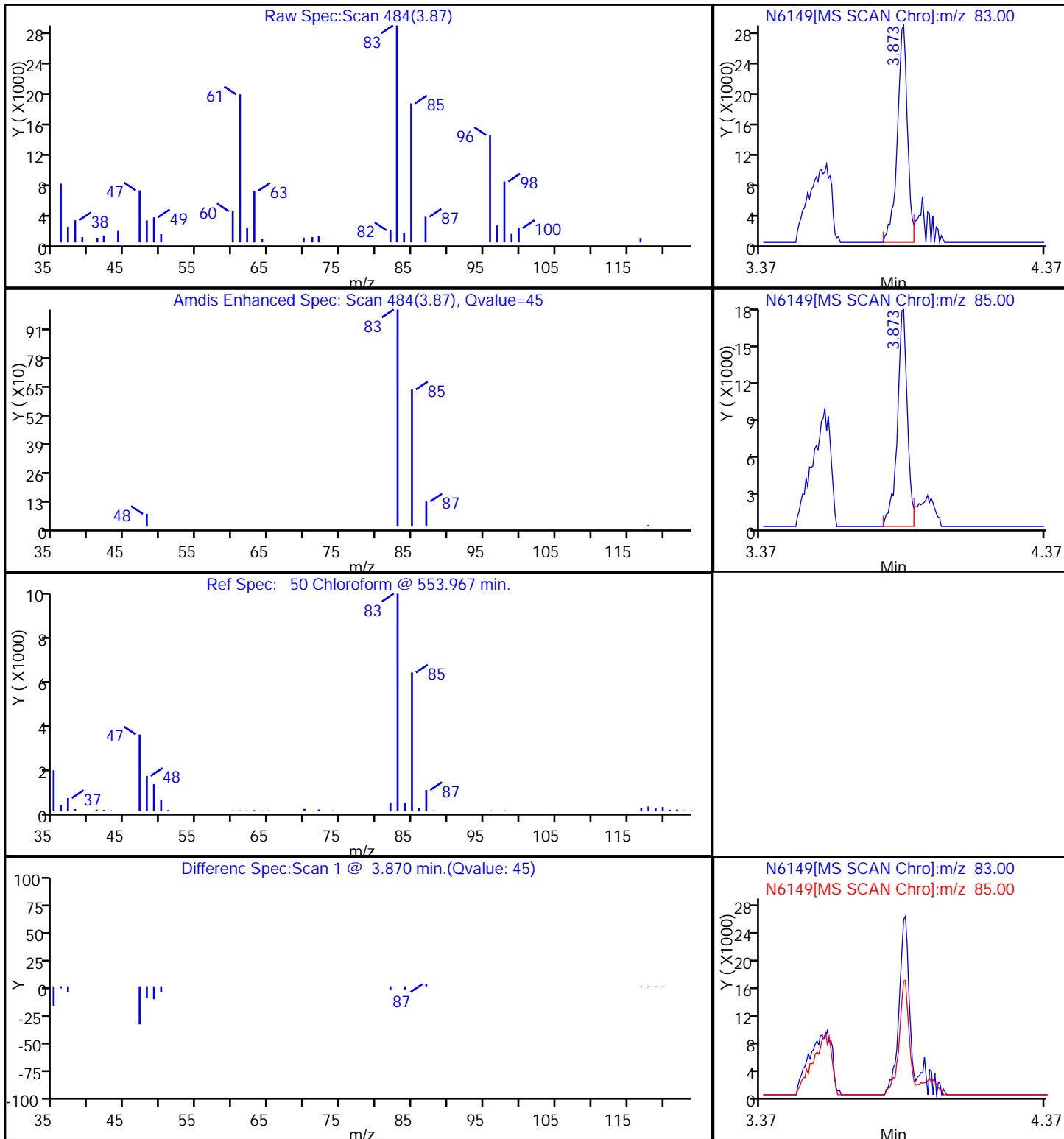
25 Carbon disulfide



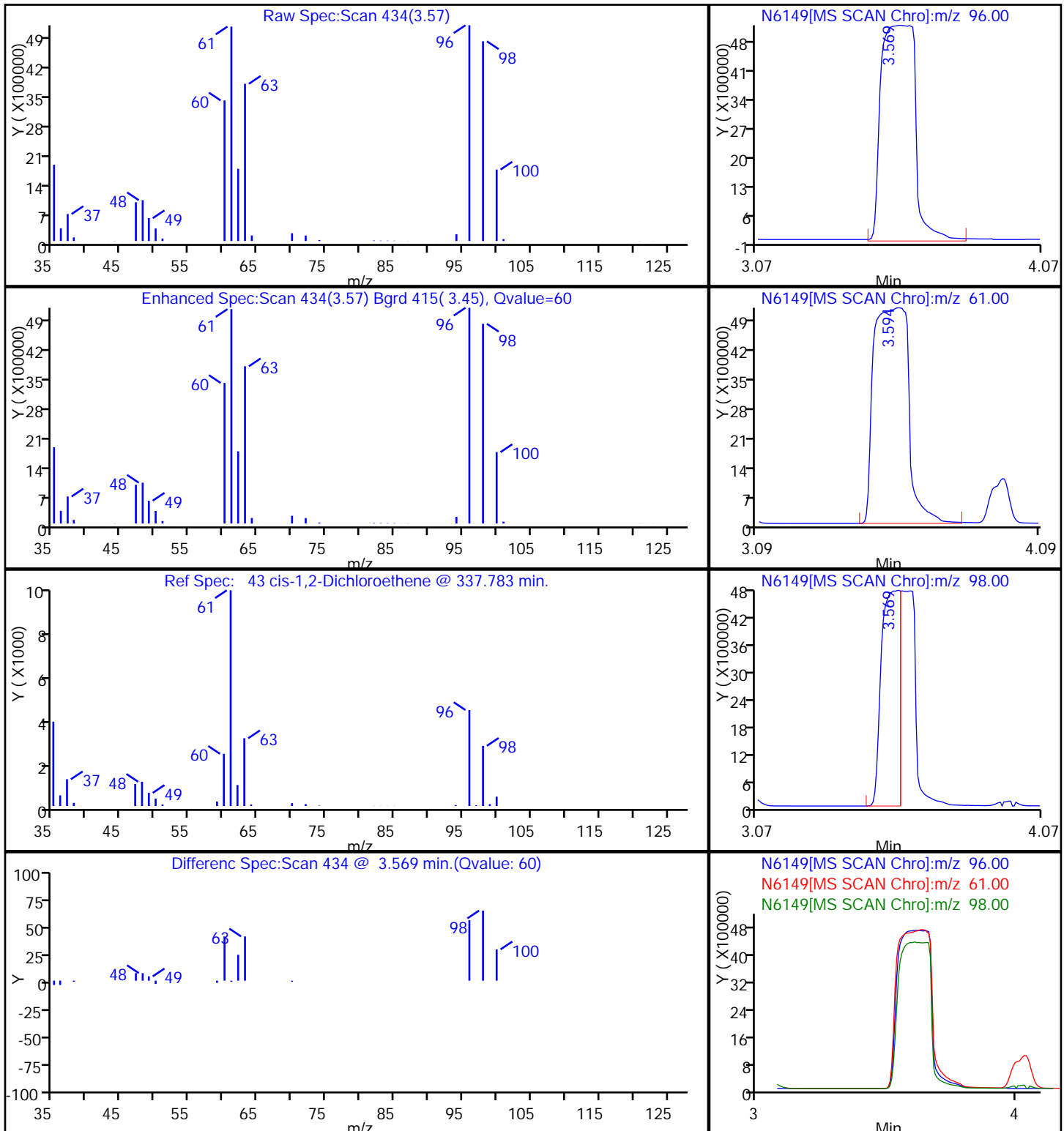
16 Chloroethane



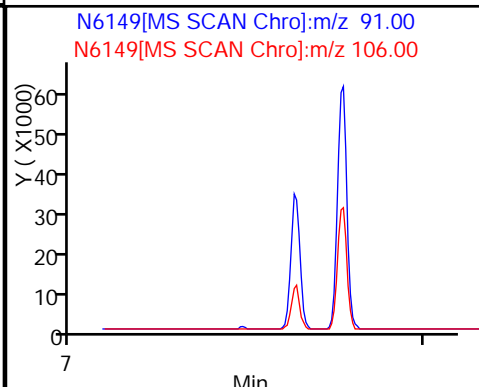
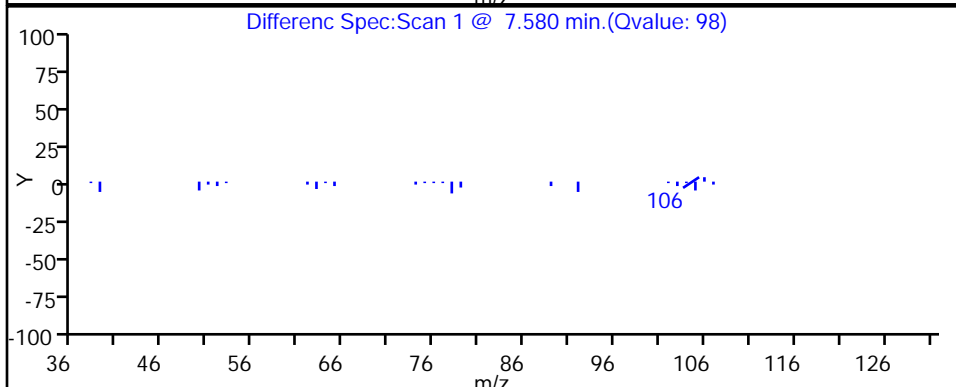
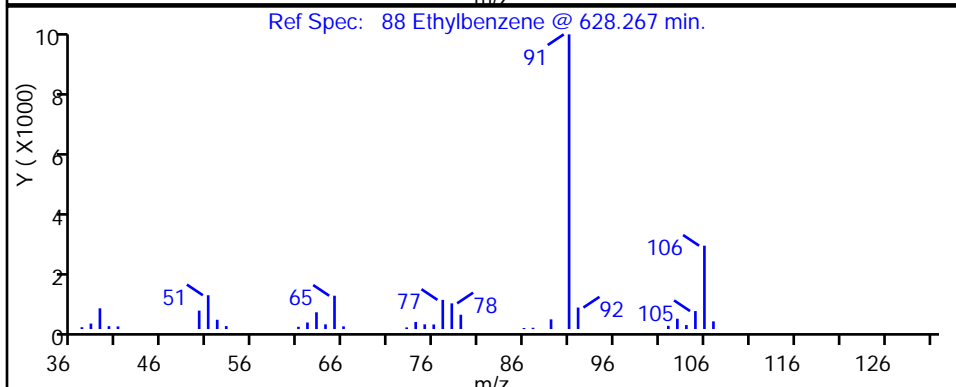
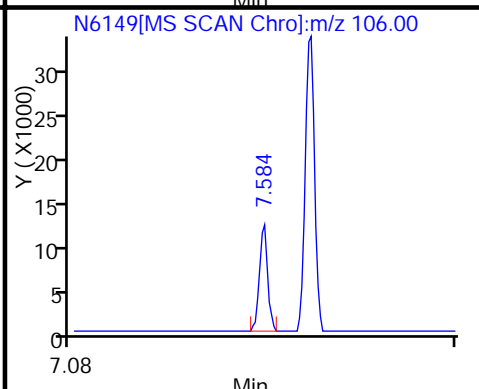
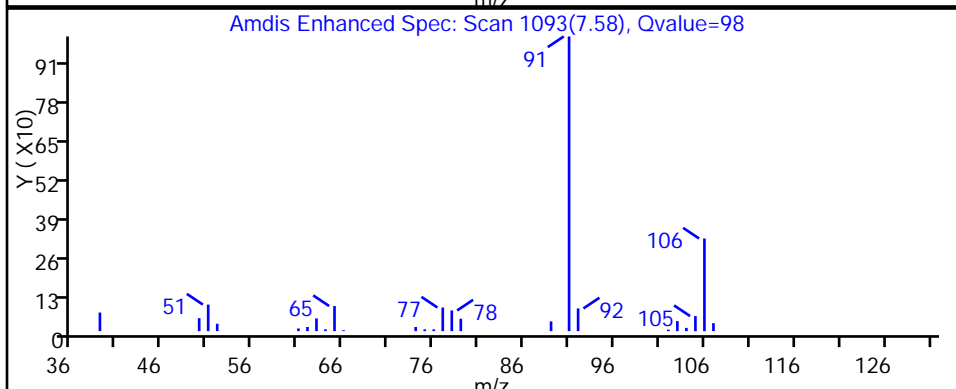
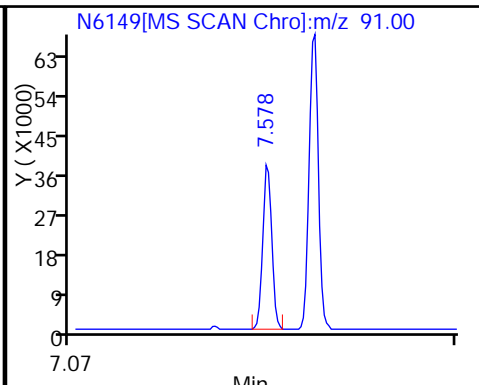
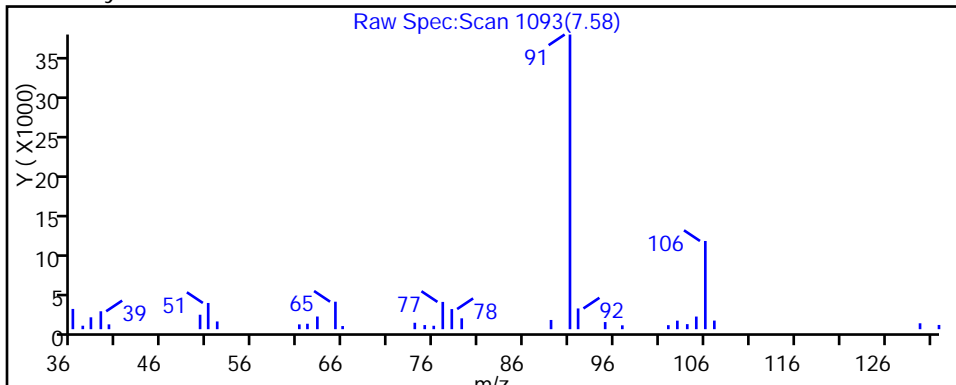
50 Chloroform



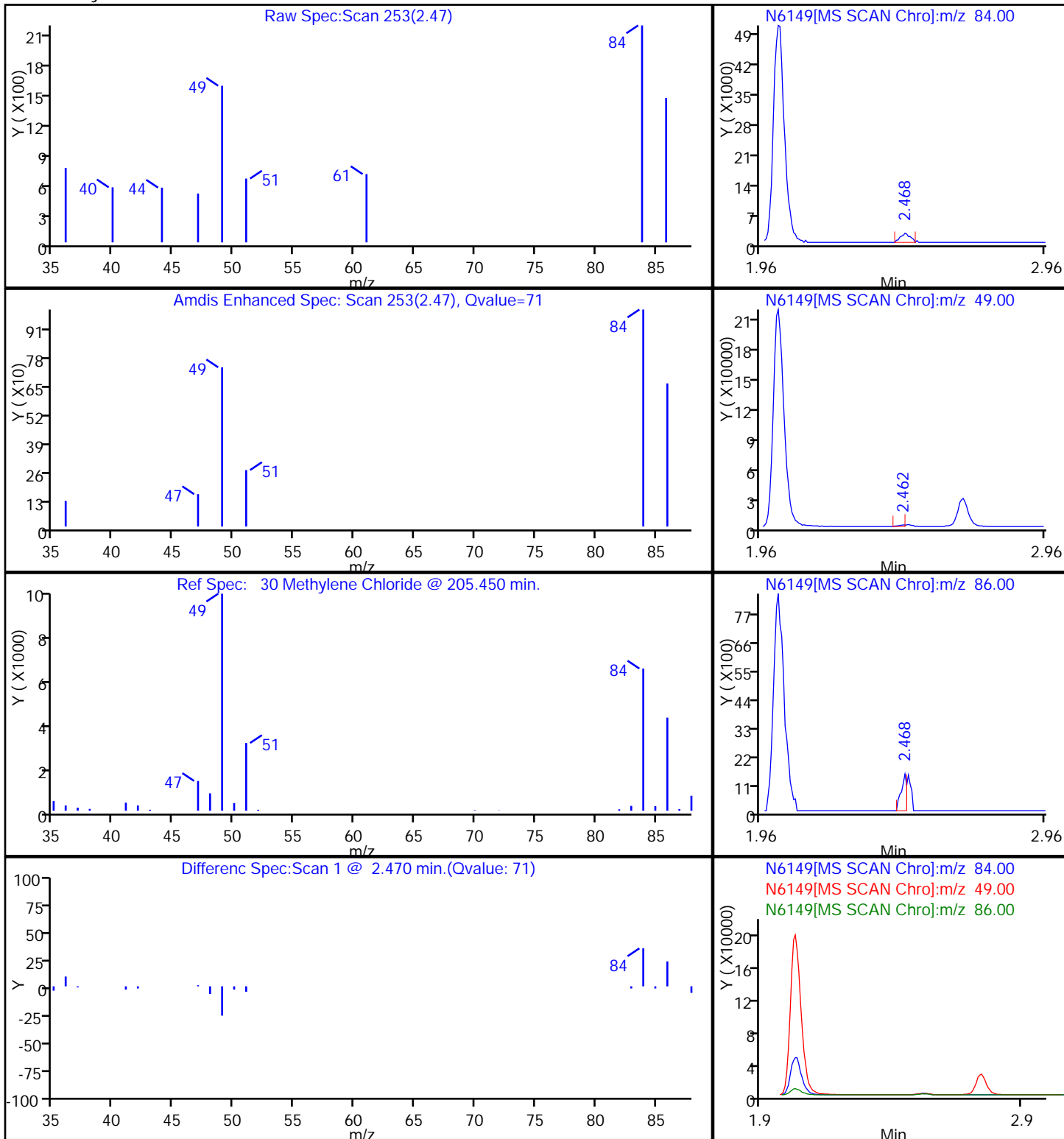
43 cis-1,2-Dichloroethene



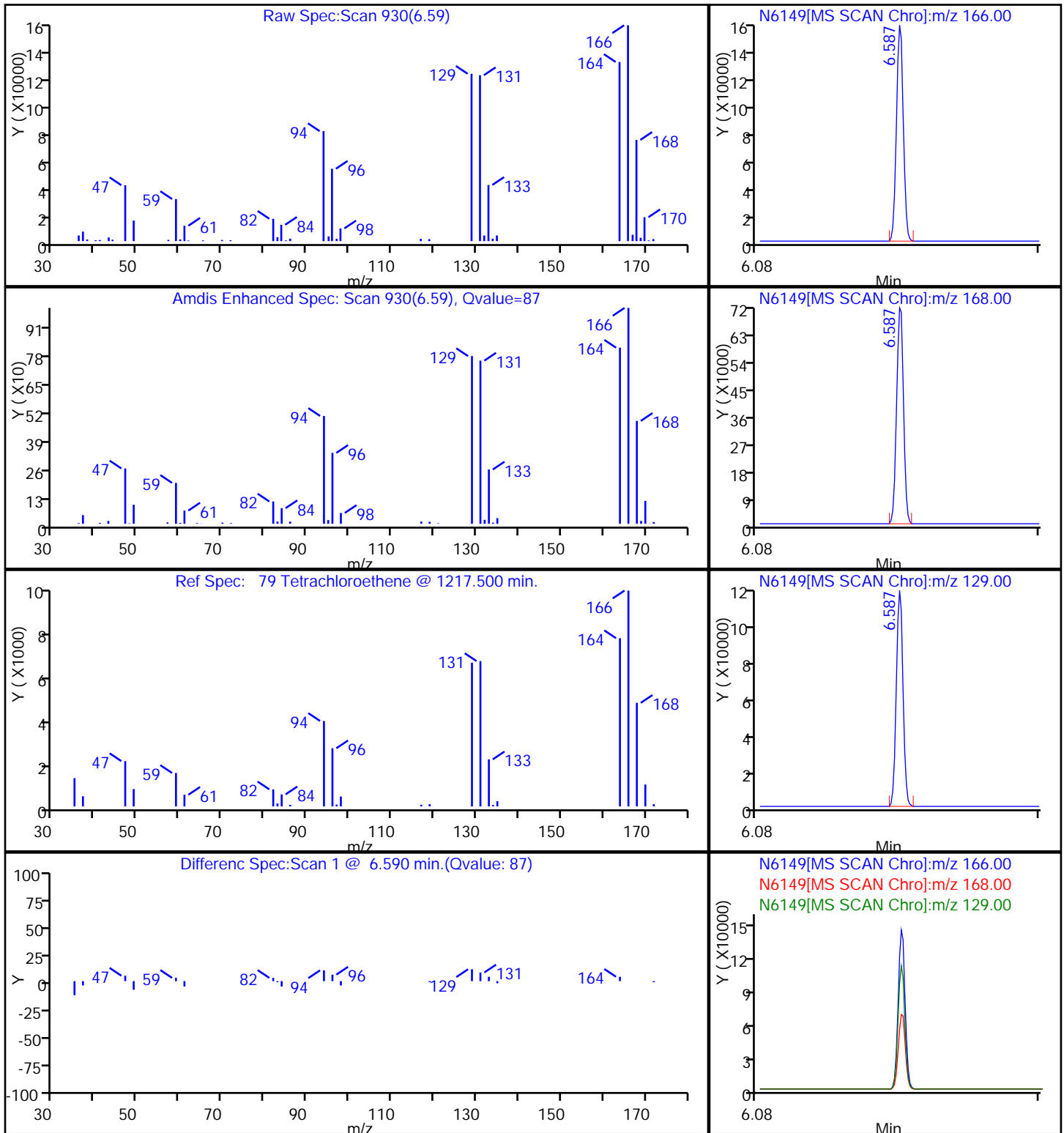
88 Ethylbenzene



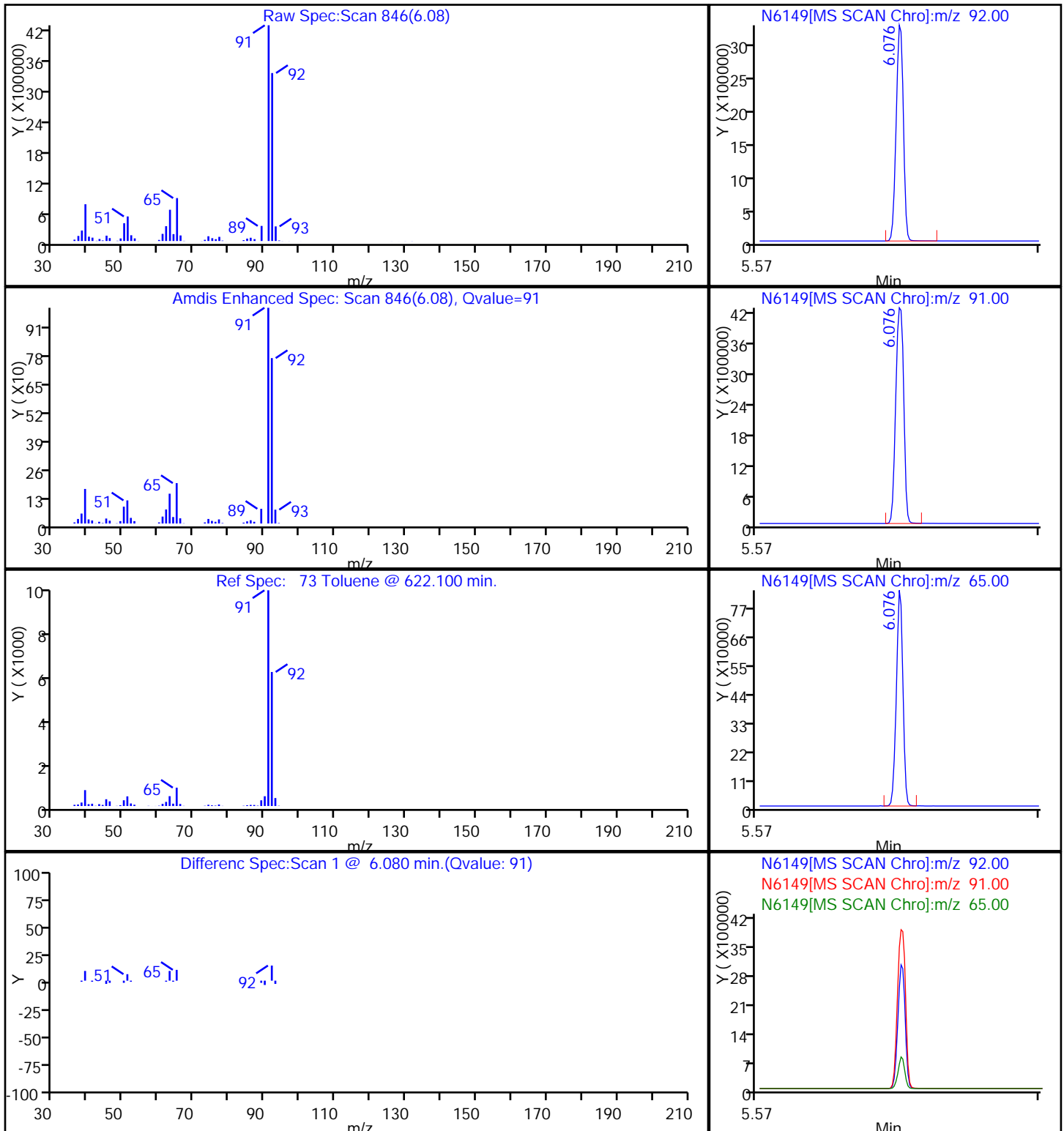
30 Methylene Chloride



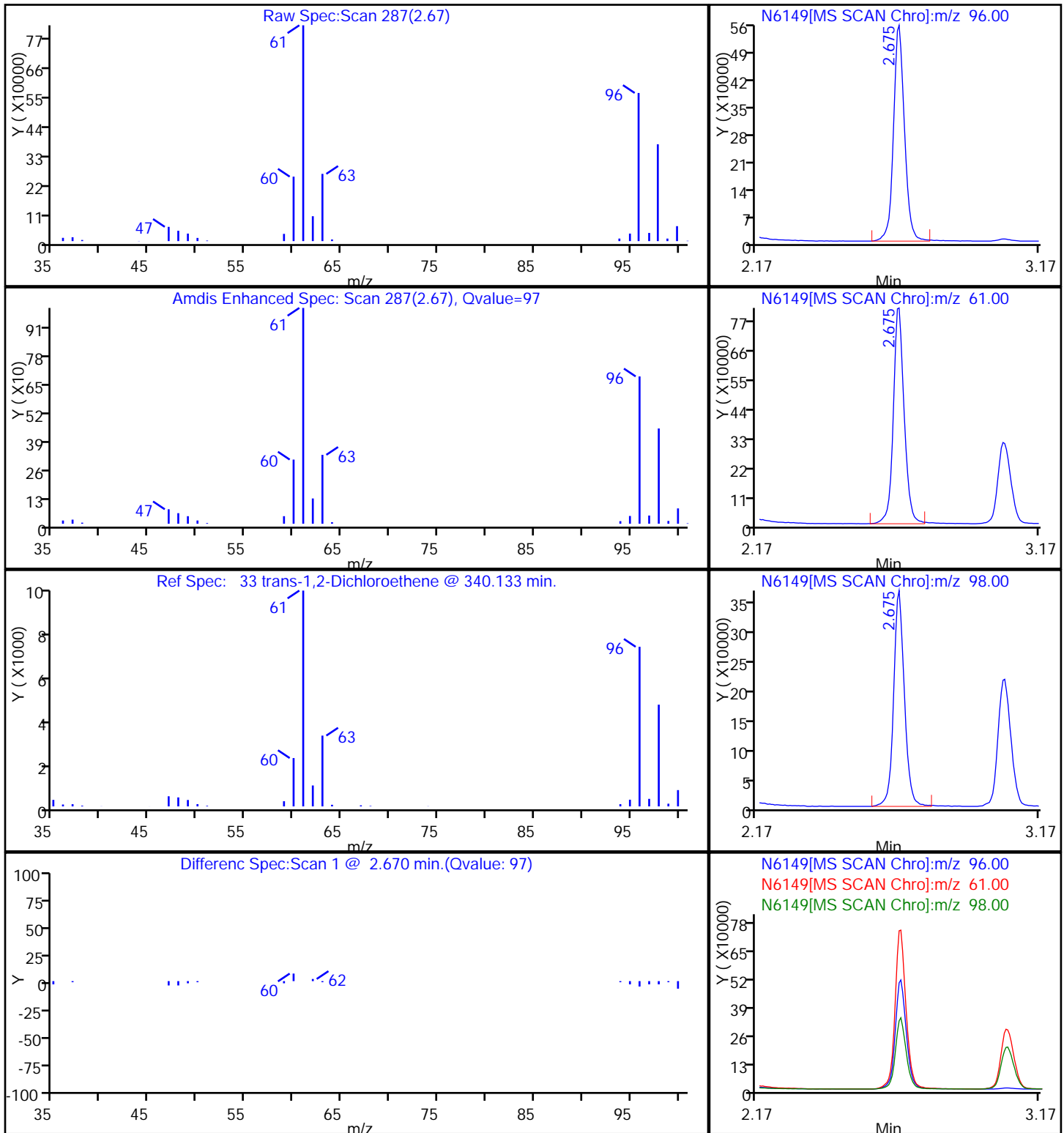
79 Tetrachloroethene



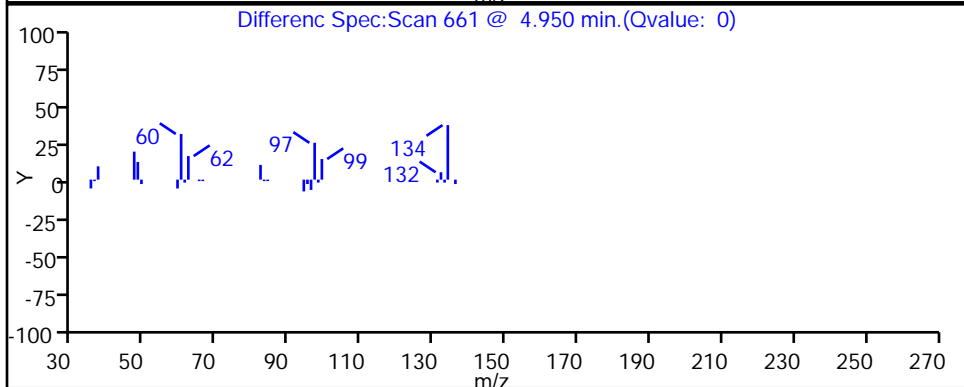
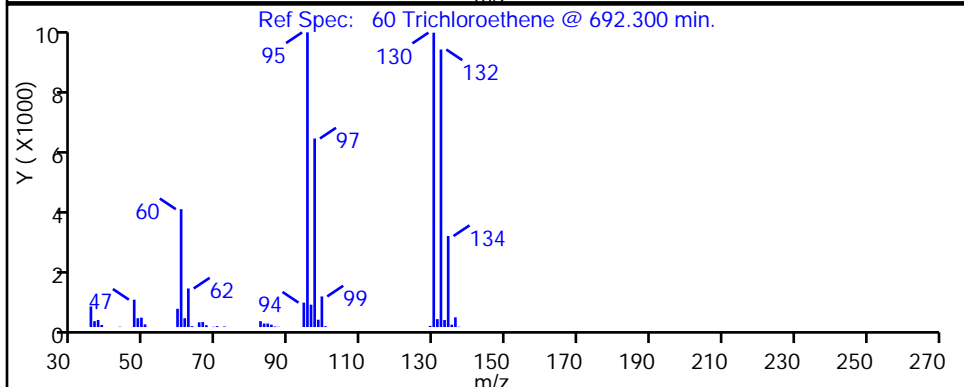
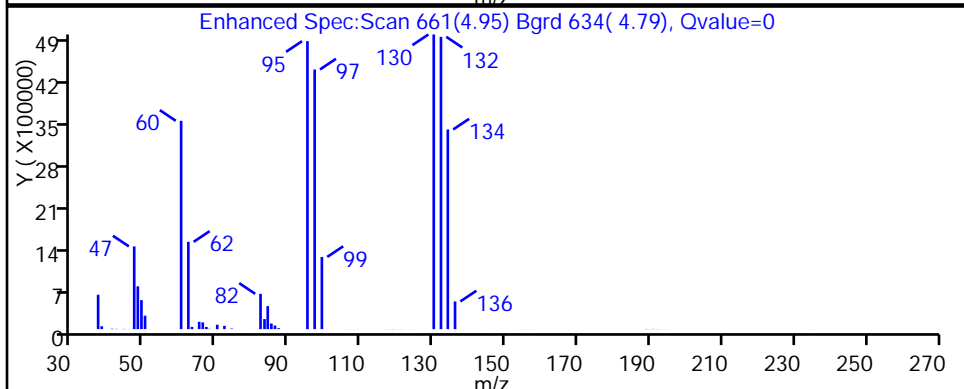
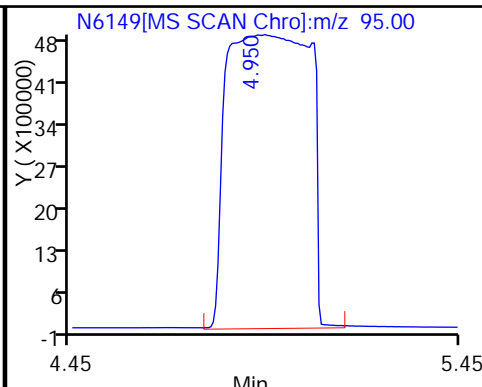
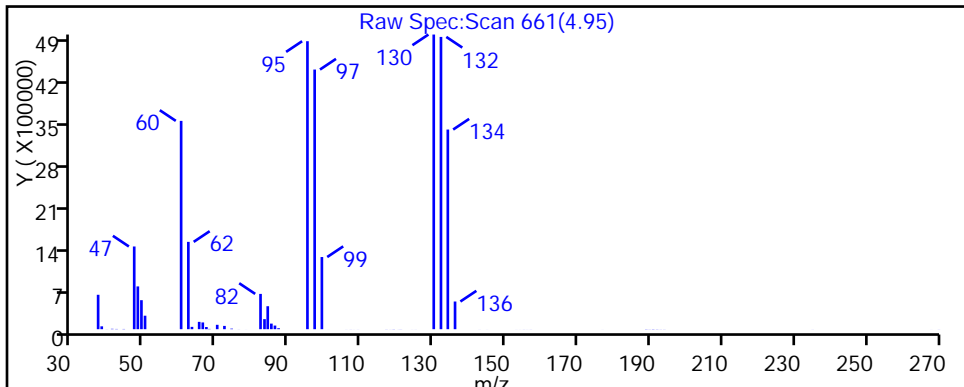
73 Toluene



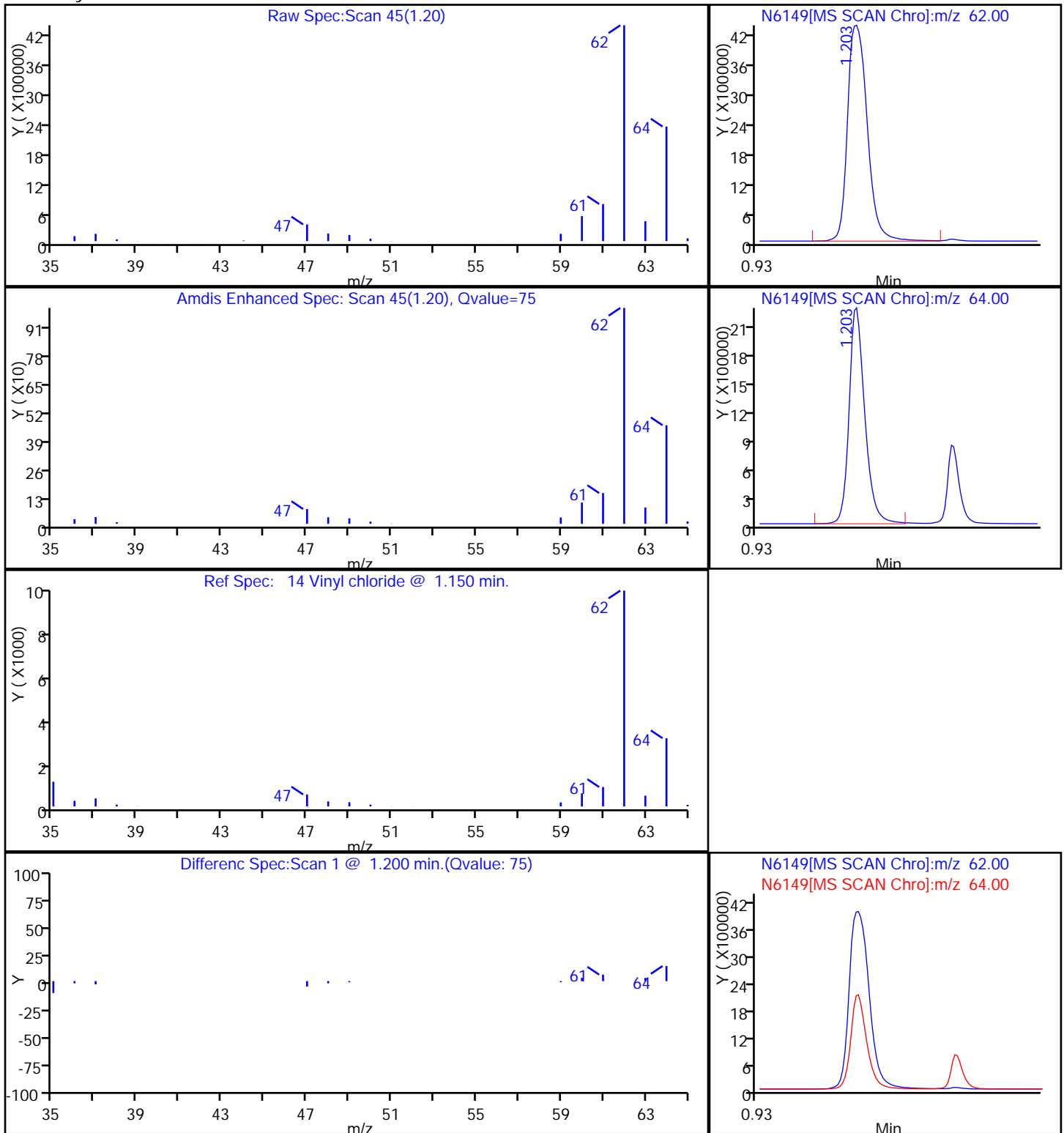
33 trans-1,2-Dichloroethene

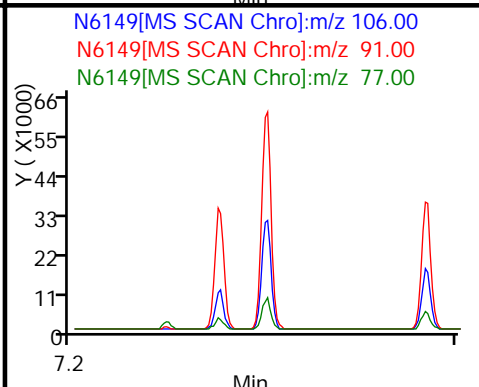
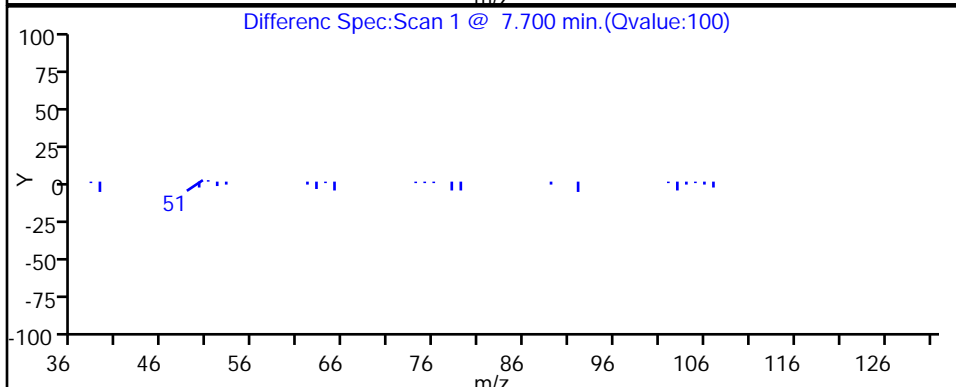
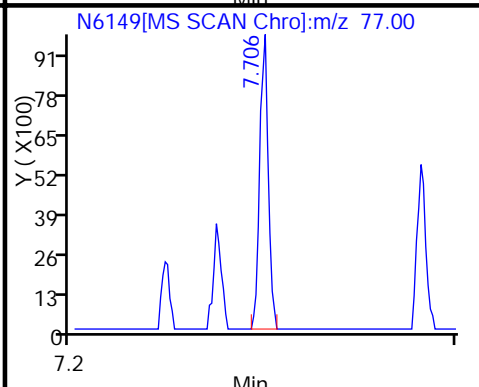
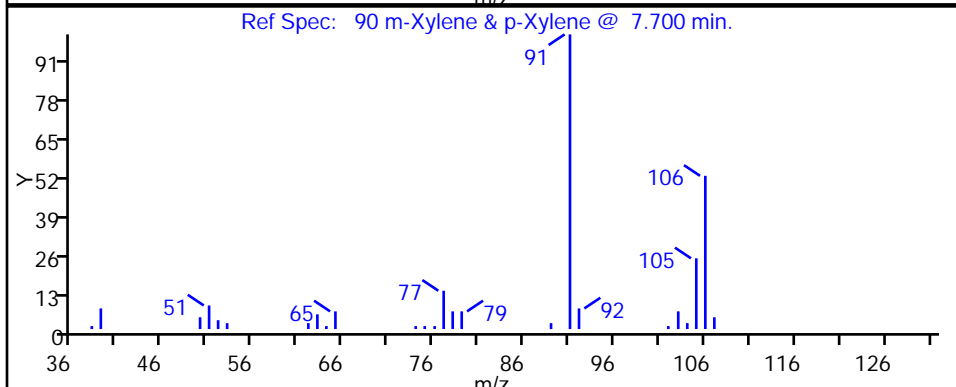
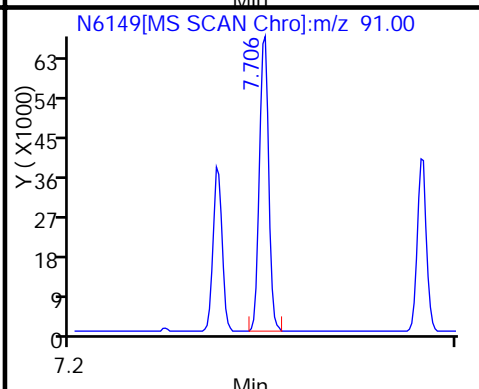
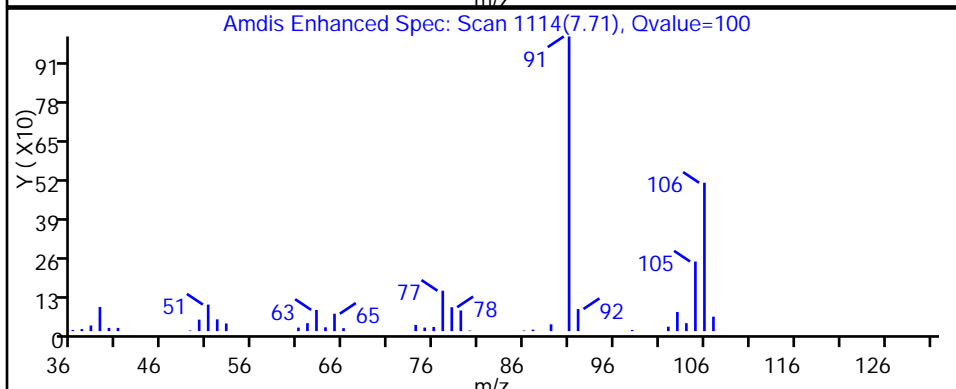
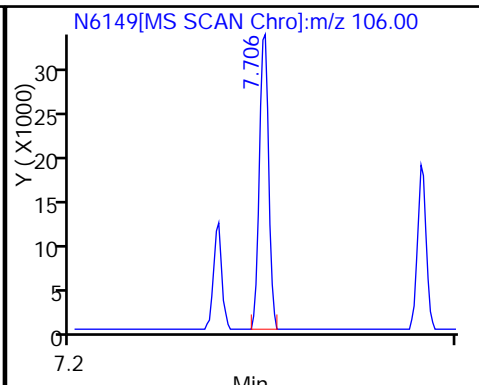
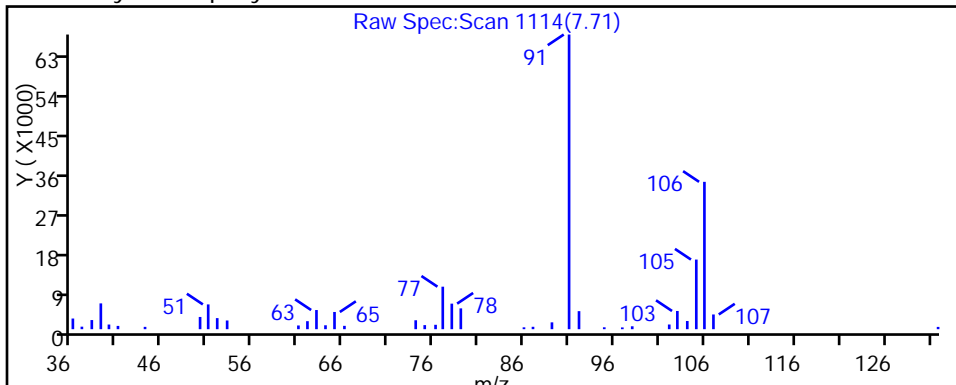


60 Trichloroethene

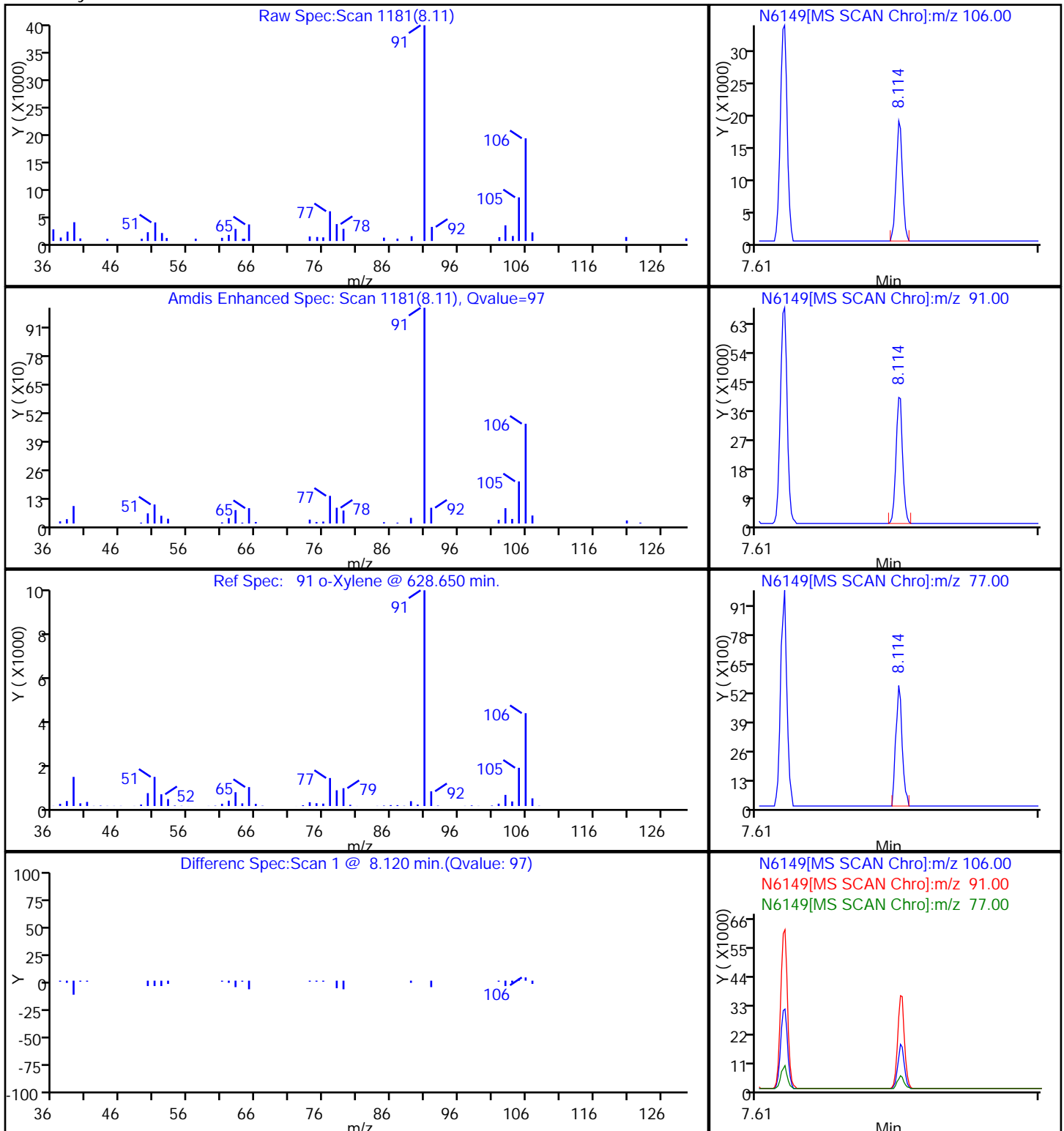


14 Vinyl chloride





91 o-Xylene

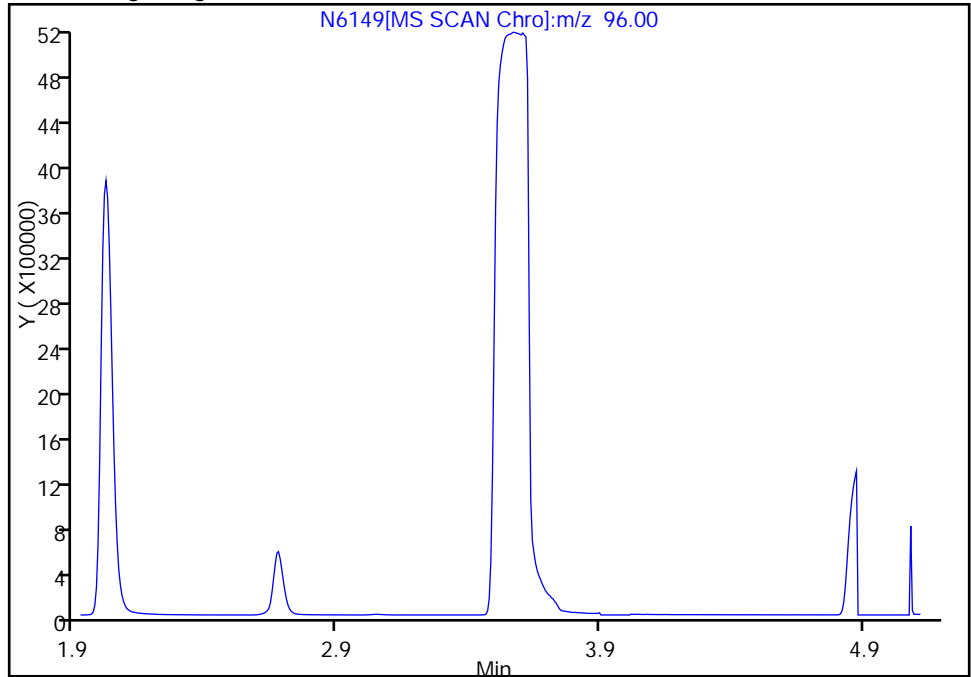


Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6149.D
Injection Date: 09-Apr-2011 21:00:30 Limit Group: MV - 8260B ICAL
Client ID: MW-16S Instrument ID: HP5973N
Lims Batch ID: 11387 Lims Sample ID: 23
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

43 cis-1,2-Dichloroethene, Signal: 1, m/z: 96.0 Type: quant, RT: 3.52

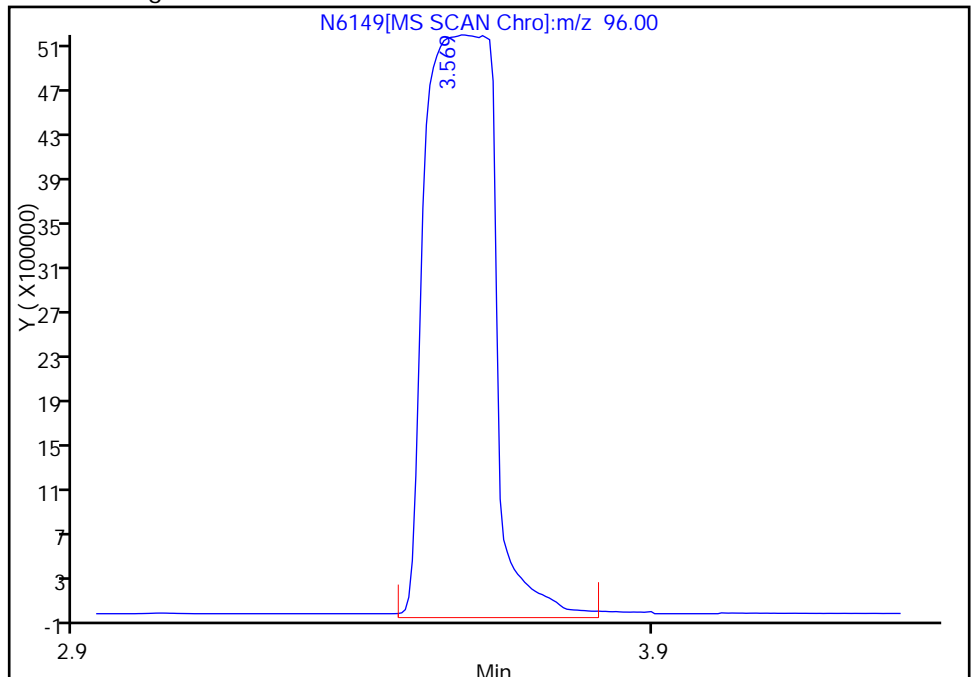
Not Detected
Expected RT: 3.52

Processing Integration Results



Manual Integration Results

RT: 3.57
Response: 43139656
Amount: 8426.8649



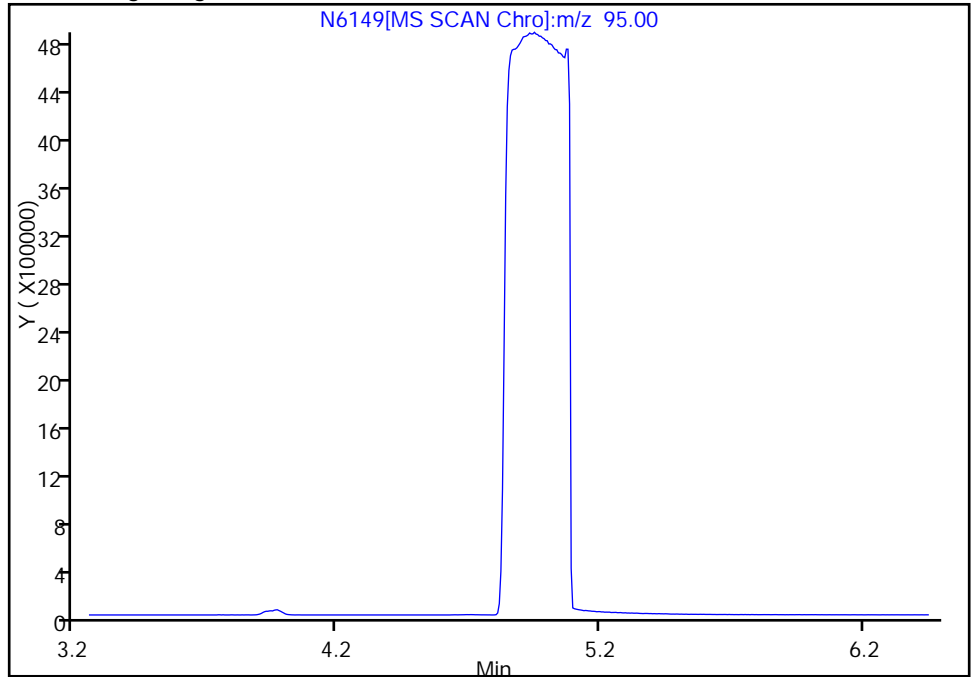
Reviewer: diasn, 10-Apr-2011 14:28:09
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: jonesr, Date: 10-Apr-2011 17:33:22

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6149.D
Injection Date: 09-Apr-2011 21:00:30 Limit Group: MV - 8260B ICAL
Client ID: MW-16S Instrument ID: HP5973N
Lims Batch ID: 11387 Lims Sample ID: 23
Operator ID: NMD
Column Type: ZB-624 Column Dia: 0.25 mm

60 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 4.85

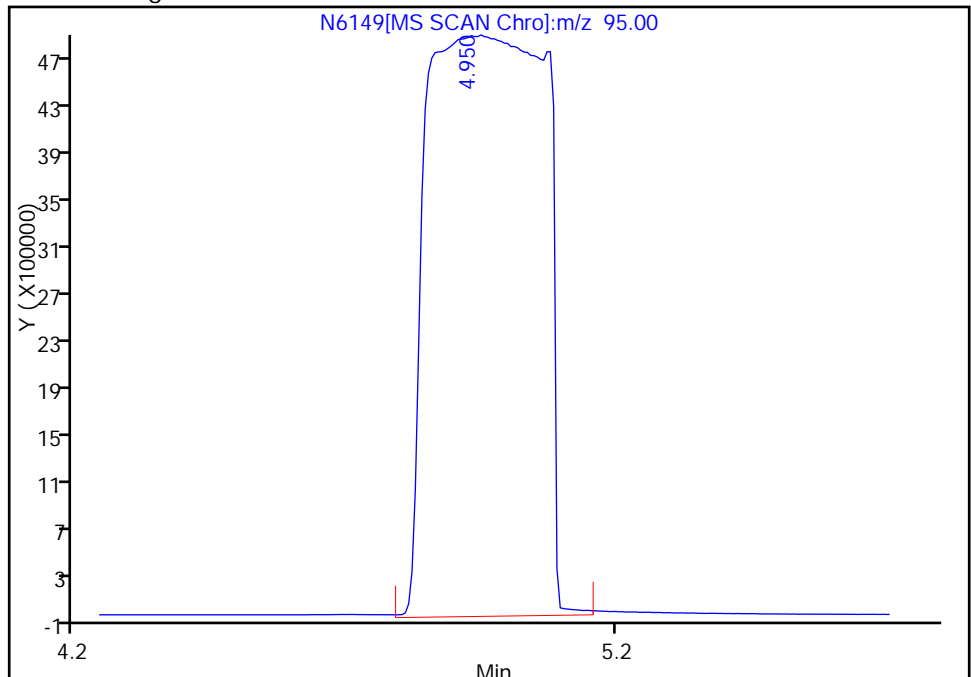
Not Detected
Expected RT: 4.85

Processing Integration Results



RT: 4.95
Response: 72673767
Amount: 14428

Manual Integration Results



Reviewer: diasn, 10-Apr-2011 14:28:09
Audit Action: Manually Integrated
Audit Reason: Missed Peak
Second Level Reviewer: jonesr, Date: 10-Apr-2011 17:33:22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-16S DL Lab Sample ID: 480-3471-12 DL
 Matrix: Ground Water Lab File ID: C9846.D
 Analysis Method: 8260B Date Collected: 04/07/2011 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 16:57
 Soil Aliquot Vol: _____ Dilution Factor: 4000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	5600		4000	3300
79-34-5	1,1,2,2-Tetrachloroethane	ND		4000	840
79-00-5	1,1,2-Trichloroethane	ND		4000	920
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200
75-34-3	1,1-Dichloroethane	ND		4000	1500
75-35-4	1,1-Dichloroethene	ND		4000	1200
120-82-1	1,2,4-Trichlorobenzene	ND		4000	1600
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4000	1600
106-93-4	1,2-Dibromoethane	ND		4000	2900
95-50-1	1,2-Dichlorobenzene	ND		4000	3200
107-06-2	1,2-Dichloroethane	ND		4000	840
78-87-5	1,2-Dichloropropane	ND		4000	2900
541-73-1	1,3-Dichlorobenzene	ND		4000	3100
106-46-7	1,4-Dichlorobenzene	ND		4000	3400
591-78-6	2-Hexanone	ND		20000	5000
78-93-3	2-Butanone (MEK)	ND		40000	5300
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20000	8400
67-64-1	Acetone	ND		40000	12000
71-43-2	Benzene	ND		4000	1600
75-27-4	Bromodichloromethane	ND		4000	1600
75-25-2	Bromoform	ND		4000	1000
74-83-9	Bromomethane	ND		4000	2800
75-15-0	Carbon disulfide	ND		4000	760
56-23-5	Carbon tetrachloride	ND		4000	1100
108-90-7	Chlorobenzene	ND		4000	3000
124-48-1	Dibromochloromethane	ND		4000	1300
75-00-3	Chloroethane	ND		4000	1300
67-66-3	Chloroform	ND		4000	1400
74-87-3	Chloromethane	ND		4000	1400
156-59-2	cis-1,2-Dichloroethene	74000		4000	3200
10061-01-5	cis-1,3-Dichloropropene	ND		4000	1400
110-82-7	Cyclohexane	ND		4000	720
75-71-8	Dichlorodifluoromethane	ND		4000	2700
100-41-4	Ethylbenzene	ND		4000	3000
98-82-8	Isopropylbenzene	ND		4000	3200

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-16S DL Lab Sample ID: 480-3471-12 DL
 Matrix: Ground Water Lab File ID: C9846.D
 Analysis Method: 8260B Date Collected: 04/07/2011 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 16:57
 Soil Aliquot Vol: _____ Dilution Factor: 4000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		4000	2000
1634-04-4	Methyl tert-butyl ether	ND		4000	640
108-87-2	Methylcyclohexane	ND		4000	640
75-09-2	Methylene Chloride	ND		4000	1800
100-42-5	Styrene	ND		4000	2900
127-18-4	Tetrachloroethene	ND		4000	1400
108-88-3	Toluene	ND		4000	2000
156-60-5	trans-1,2-Dichloroethene	ND		4000	3600
10061-02-6	trans-1,3-Dichloropropene	ND		4000	1500
79-01-6	Trichloroethene	250000		4000	1800
75-69-4	Trichlorofluoromethane	ND		4000	3500
75-01-4	Vinyl chloride	7100		4000	3600
1330-20-7	Xylenes, Total	ND		8000	2600

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		66-137
2037-26-5	Toluene-d8 (Surr)	97		71-126
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9846.D
 Lims ID: 480-3471-B-12 Client ID: MW-16S
 Inject. Date: 12-Apr-2011 16:57:30 Dil. Factor: 4000.0000
 Sample Type: Client
 Sample ID: 480-3471-B-12
 Misc. Info.: 480-0002205-016
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 39
 Lims Batch ID: 11663 Lims Sample ID: 16
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 11:52:12 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 17:57:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	531258	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	87	295894	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	276860	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	112670	26.4	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	606494	24.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	179977	21.5	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.102	5.114	-0.012	69	15649	1.77	
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96		6.858					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63		8.020					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	67	144912	18.6	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	96	14056	1.40	
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95	9.715	9.716	-0.001	98	459581	63.2	
64 Methylcyclohexane	83		9.870					

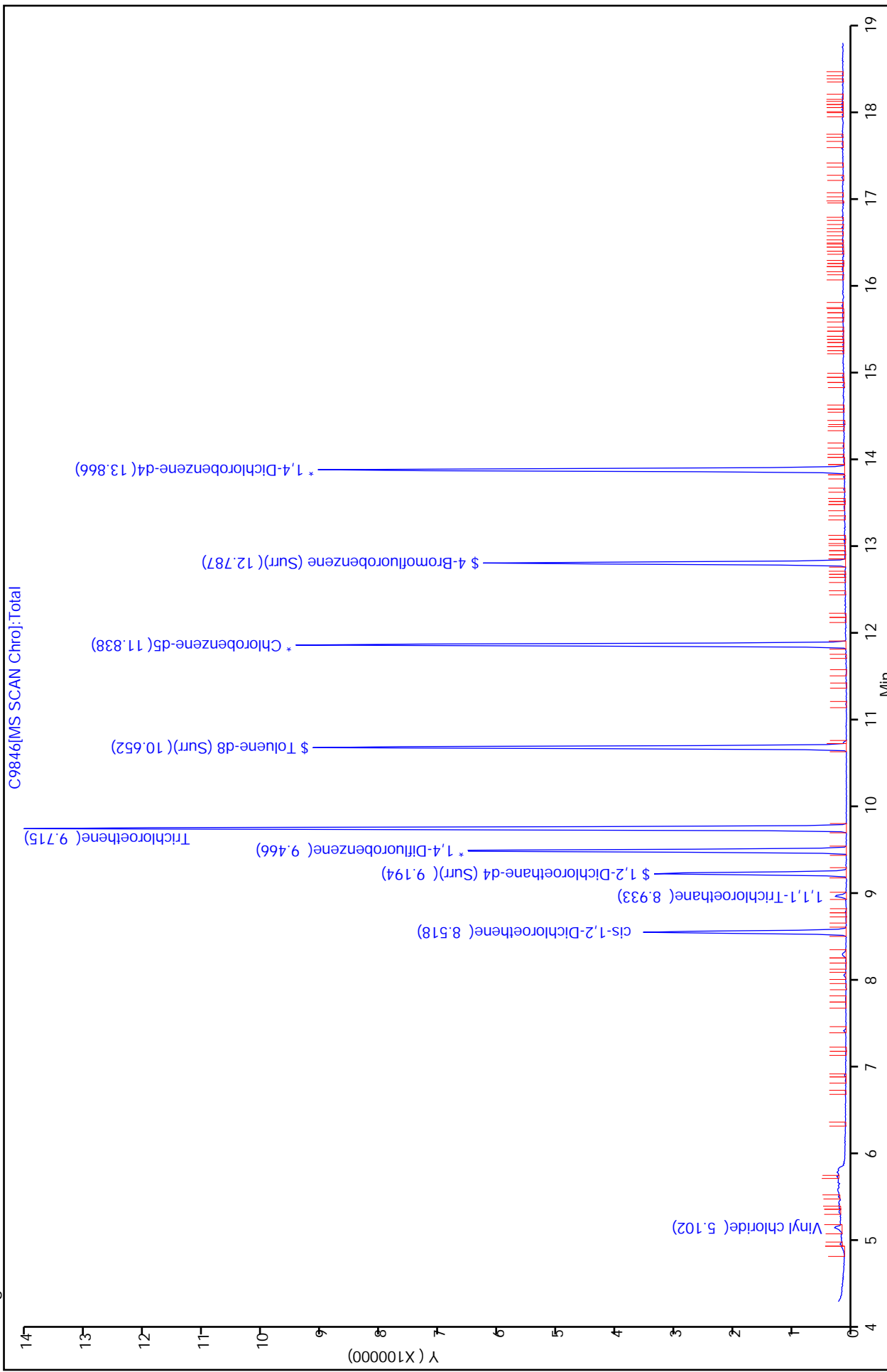
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

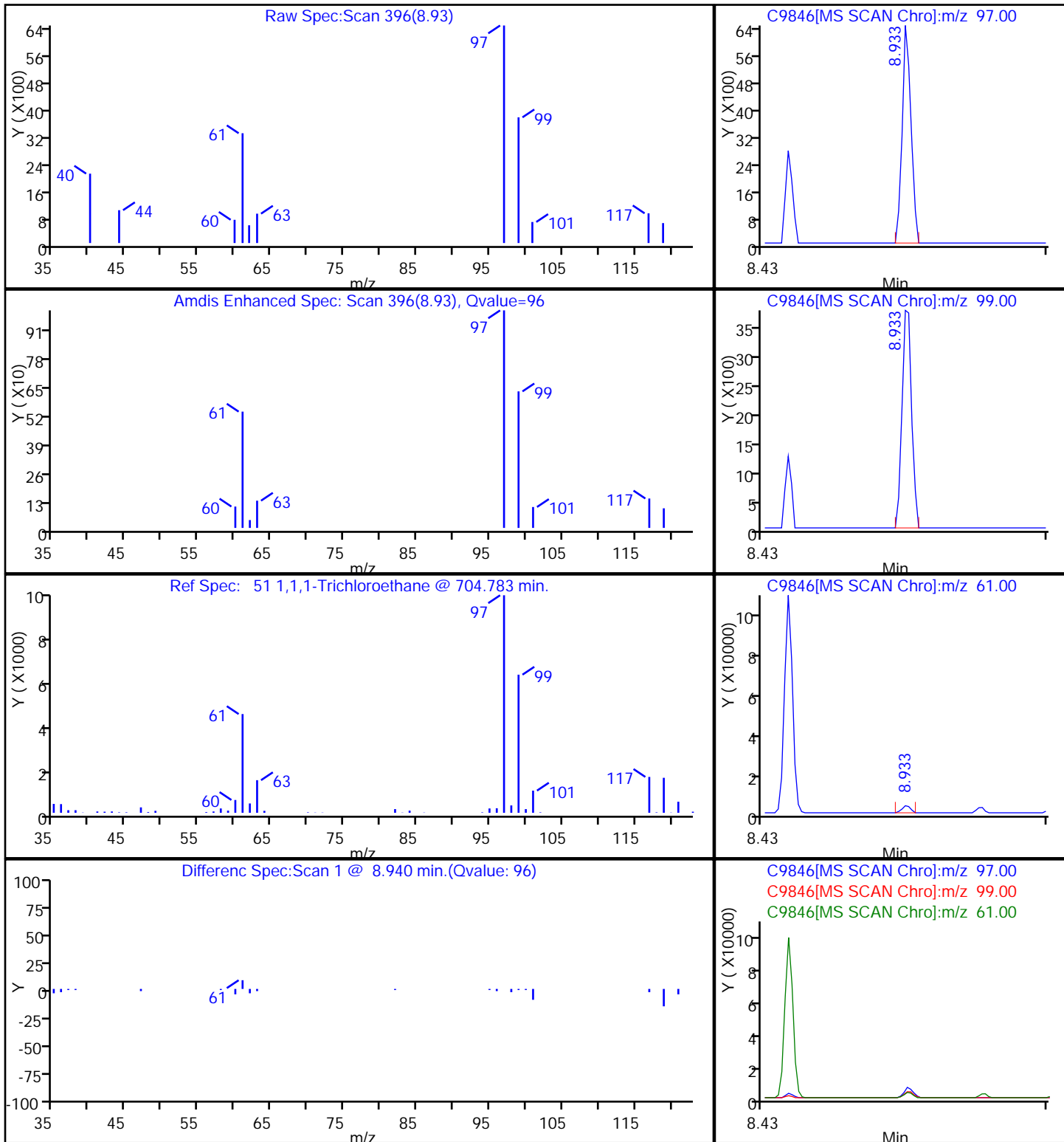
Processing Flags

7 - Failed Limit of Detection

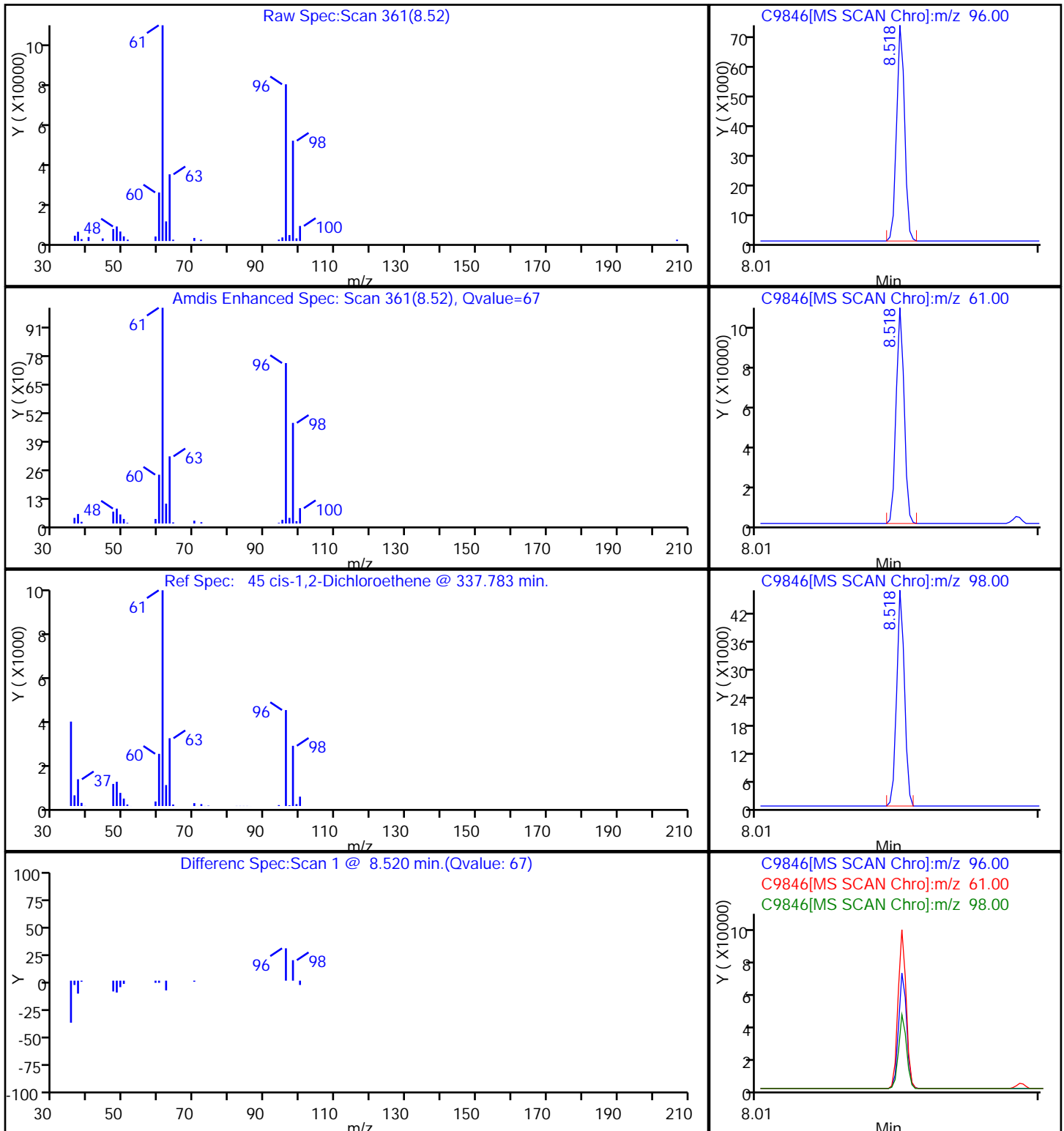
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 Injection Date: 12-Apr-2011 16:57:30
 Client ID: MW-16S
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 16



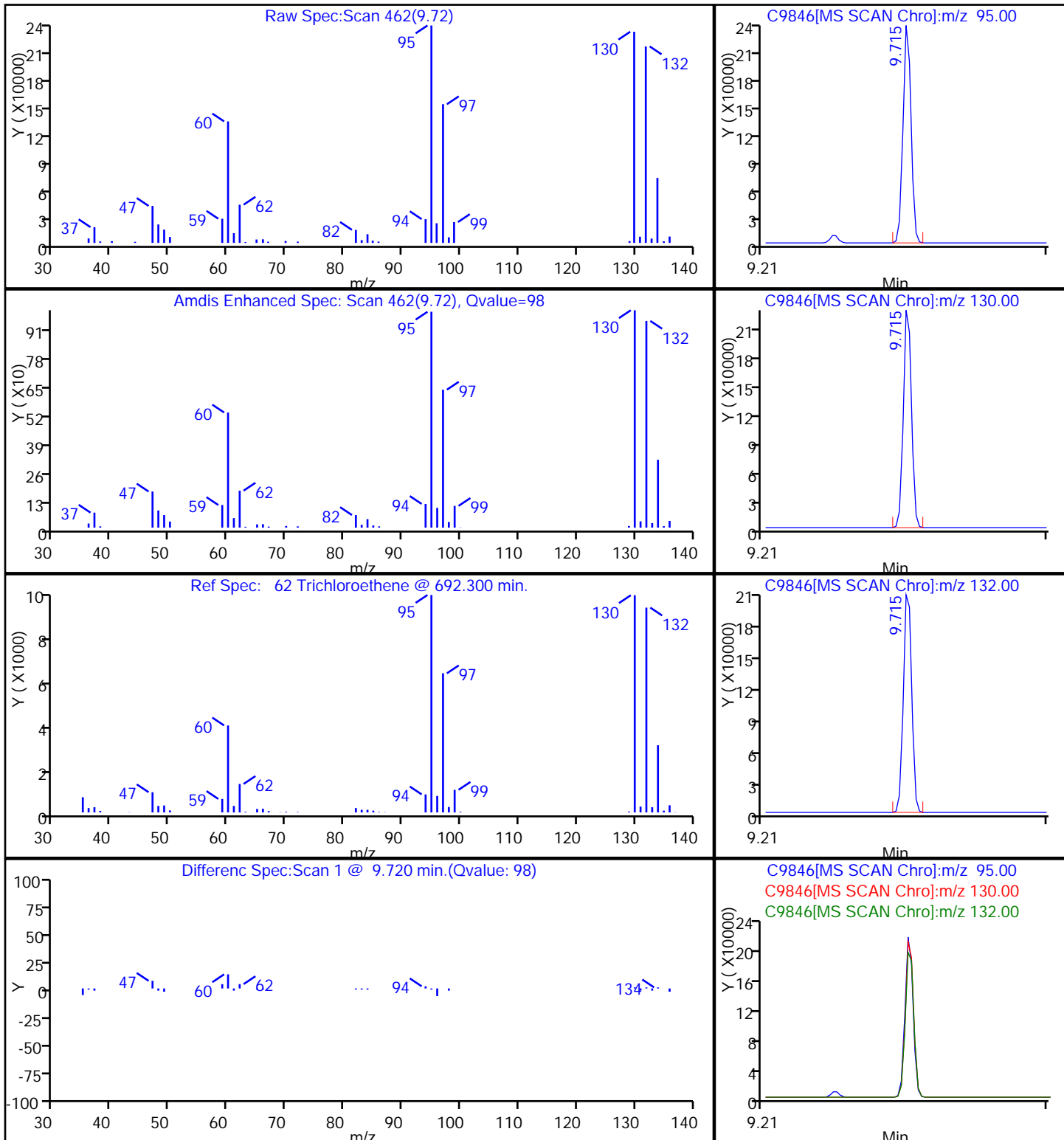
51 1,1,1-Trichloroethane



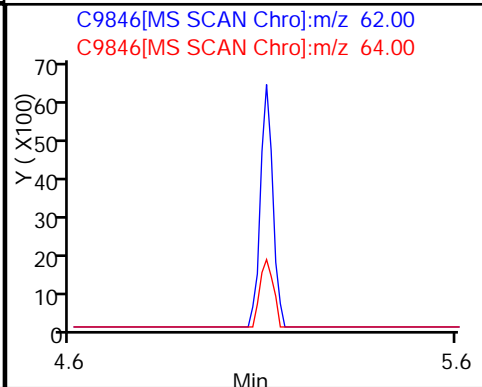
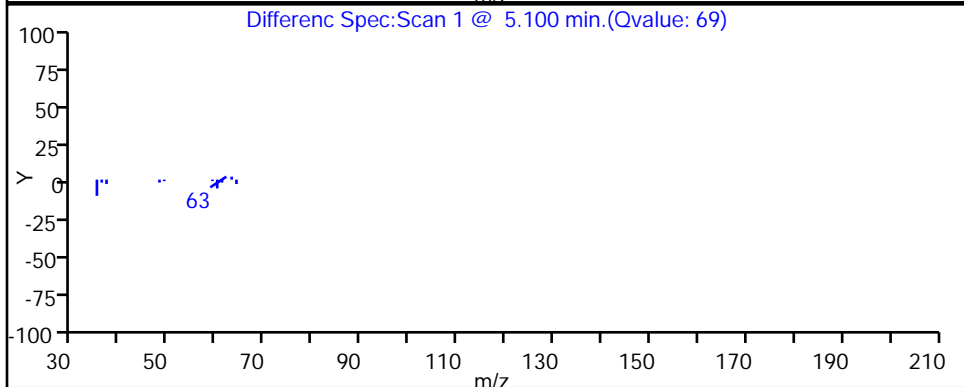
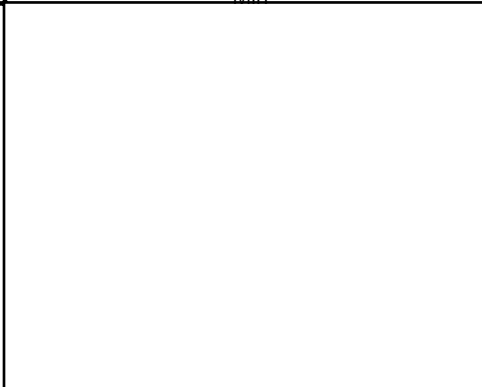
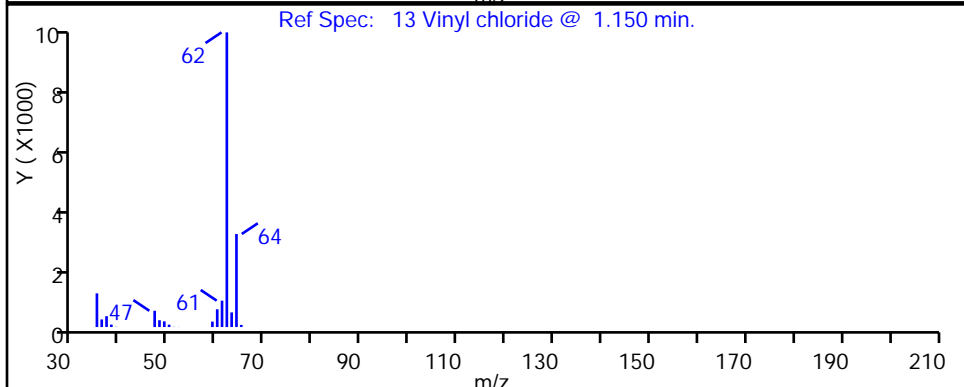
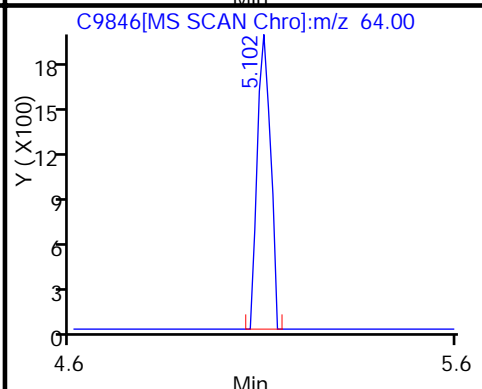
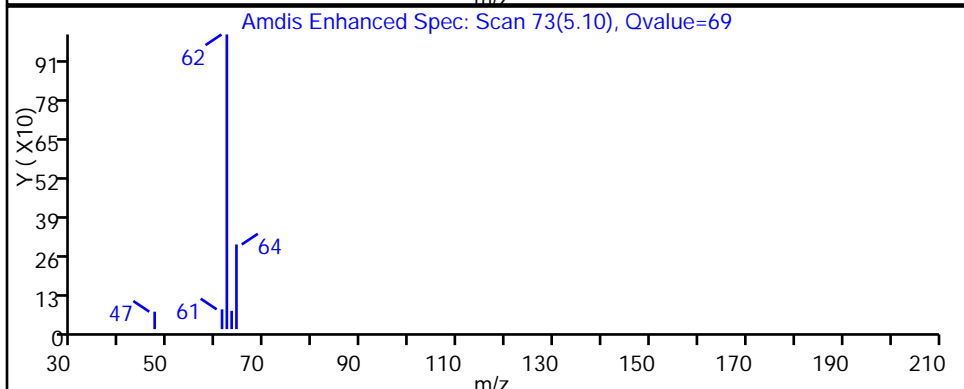
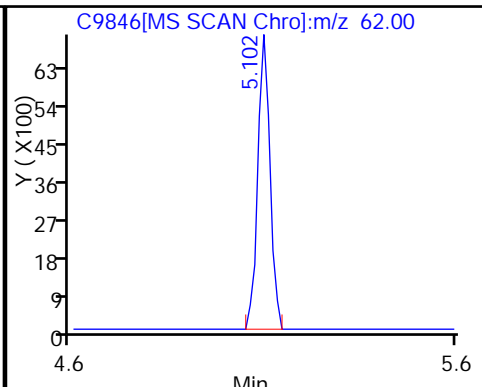
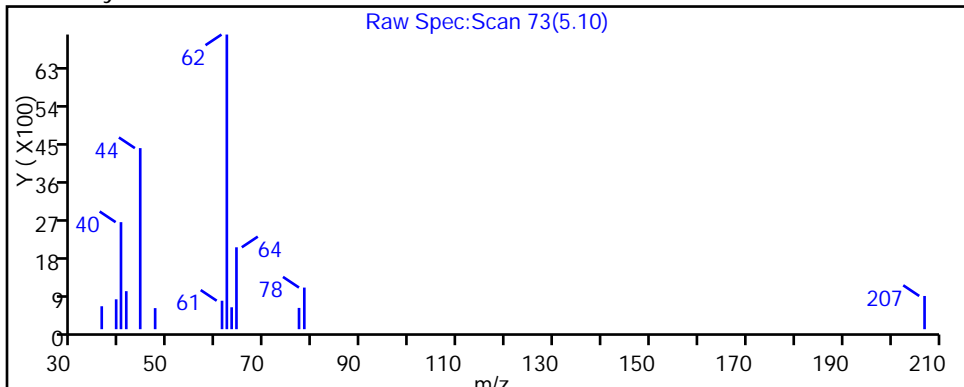
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-3471-13
 Matrix: Ground Water Lab File ID: N6180.D
 Analysis Method: 8260B Date Collected: 04/04/2011 11:15
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 22:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.76	J	1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	5.4		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-2 Lab Sample ID: 480-3471-13
 Matrix: Ground Water Lab File ID: N6180.D
 Analysis Method: 8260B Date Collected: 04/04/2011 11:15
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 22:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	107		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6180.D
 Lims ID: 480-3471-A-13 Client ID: MW-2
 Inject. Date: 10-Apr-2011 22:01:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-13
 Misc. Info.: 480-0002160-024
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 24
 Lims Batch ID: 11454 Lims Sample ID: 24
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 11-Apr-2011 09:24:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	437901	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	389212	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	203920	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	177738	30.8	
\$ 6 Toluene-d8 (Surr)	98	5.990	5.991	-0.001	91	481364	25.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.692	8.686	0.006	88	161005	26.6	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.434	1.428	0.006	100	11455	5.41	
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63		3.004					
43 cis-1,2-Dichloroethene	96		3.521					
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78	4.257	4.257	0.0	38	15944	0.7640	
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.975					

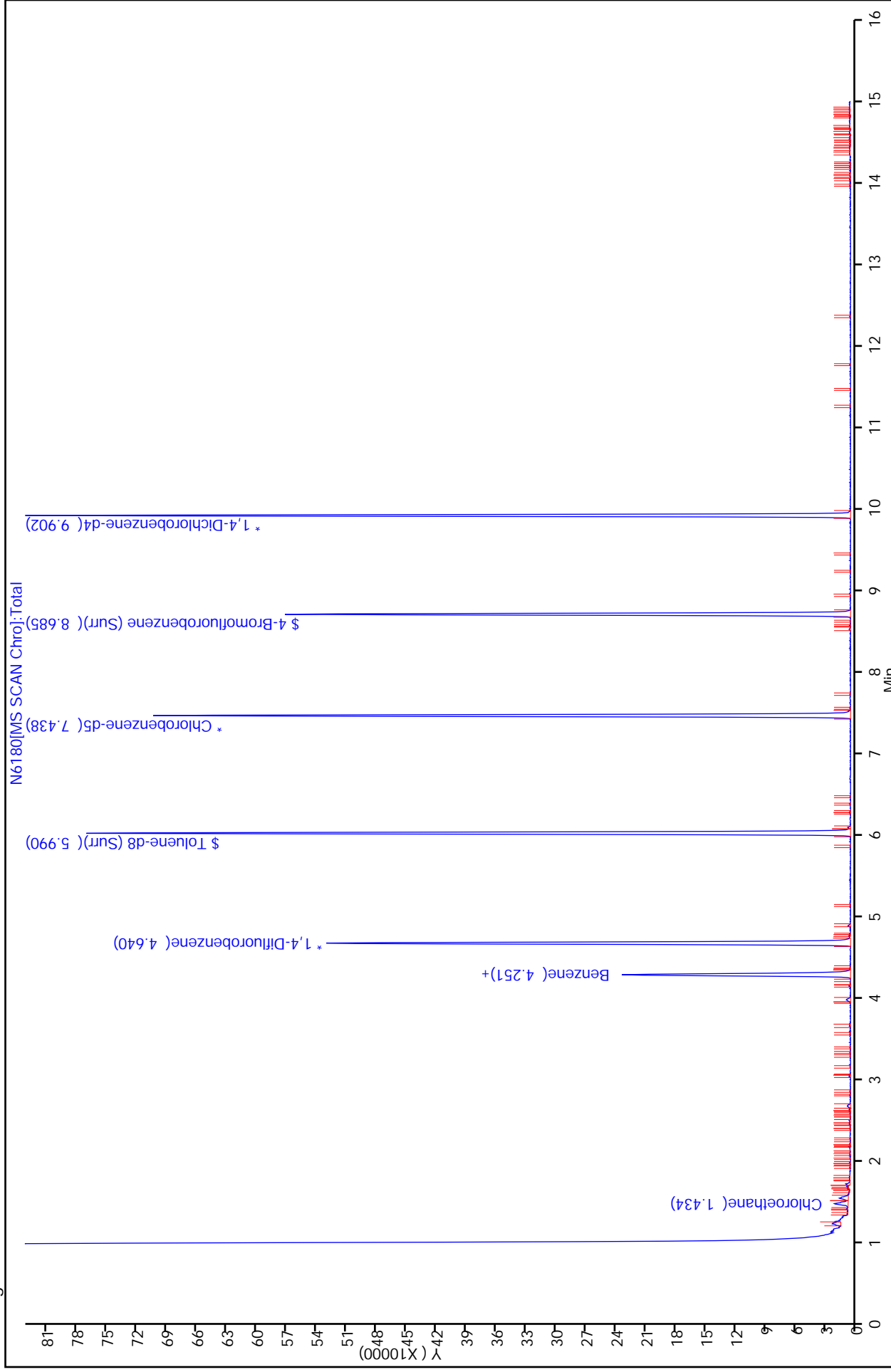
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

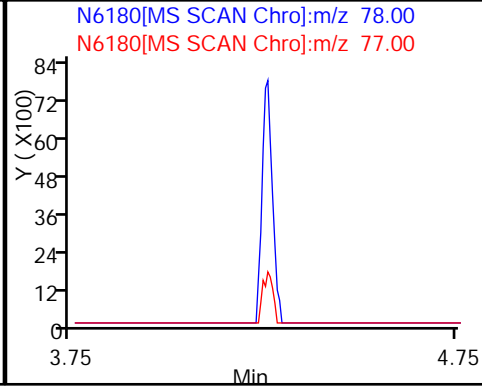
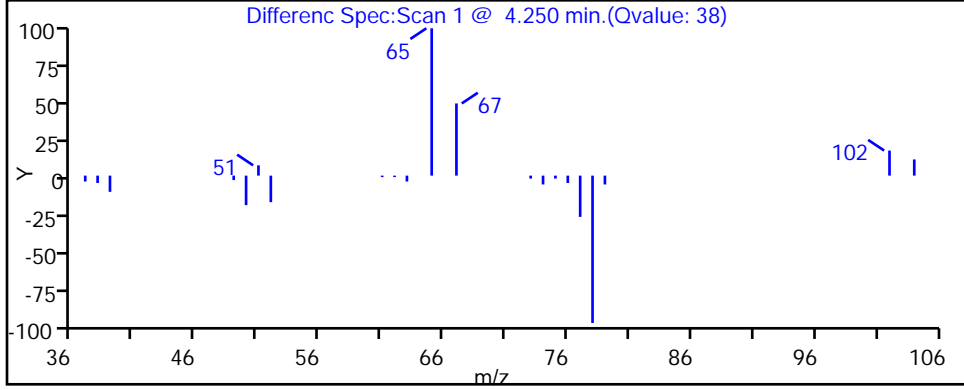
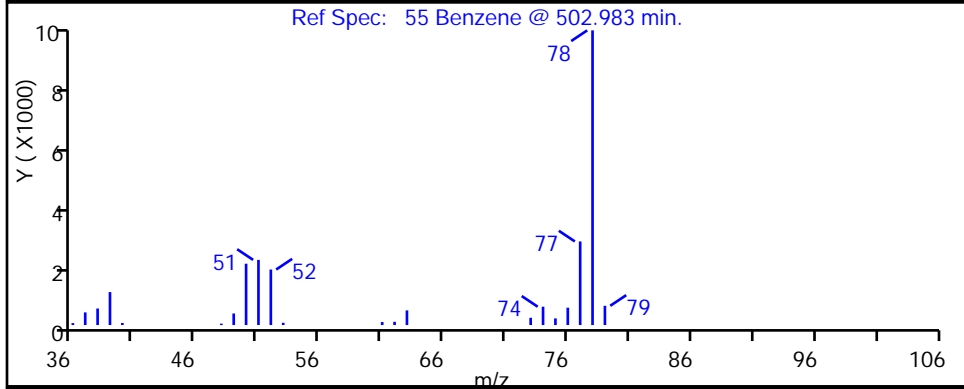
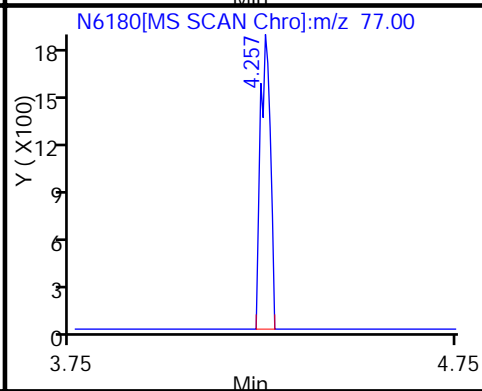
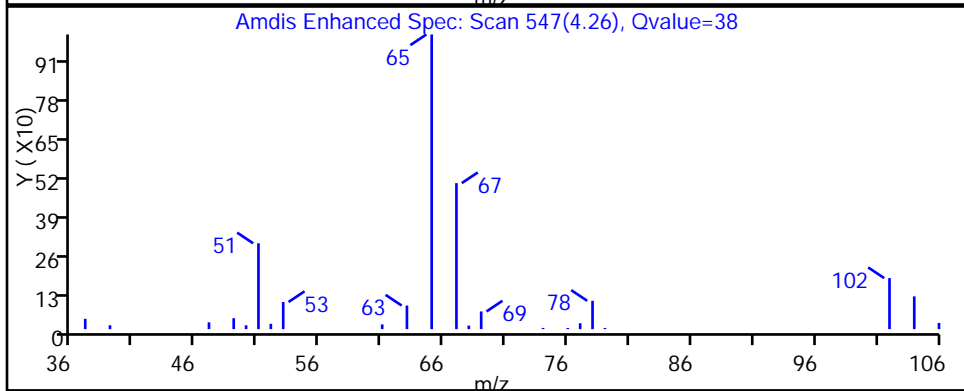
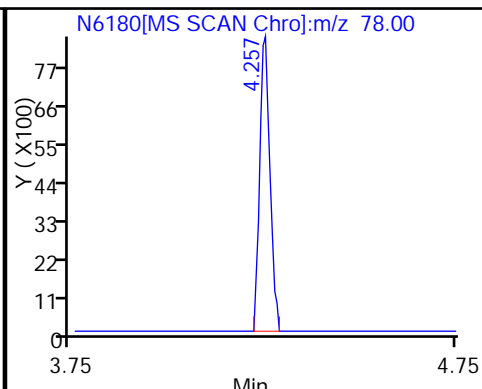
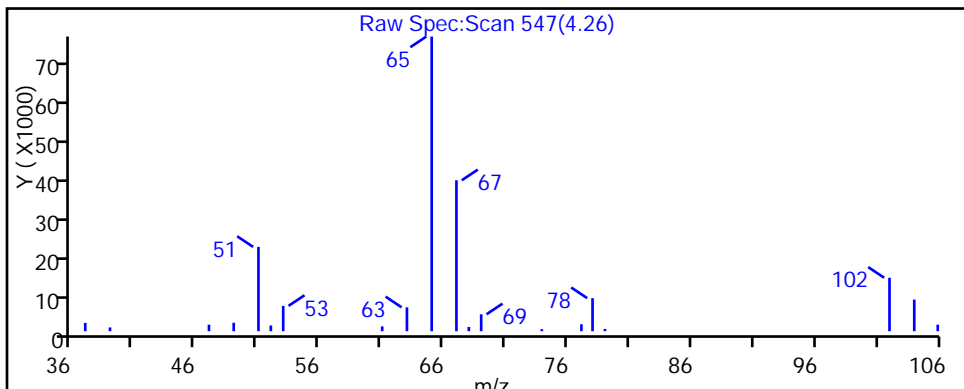
Processing Flags

7 - Failed Limit of Detection

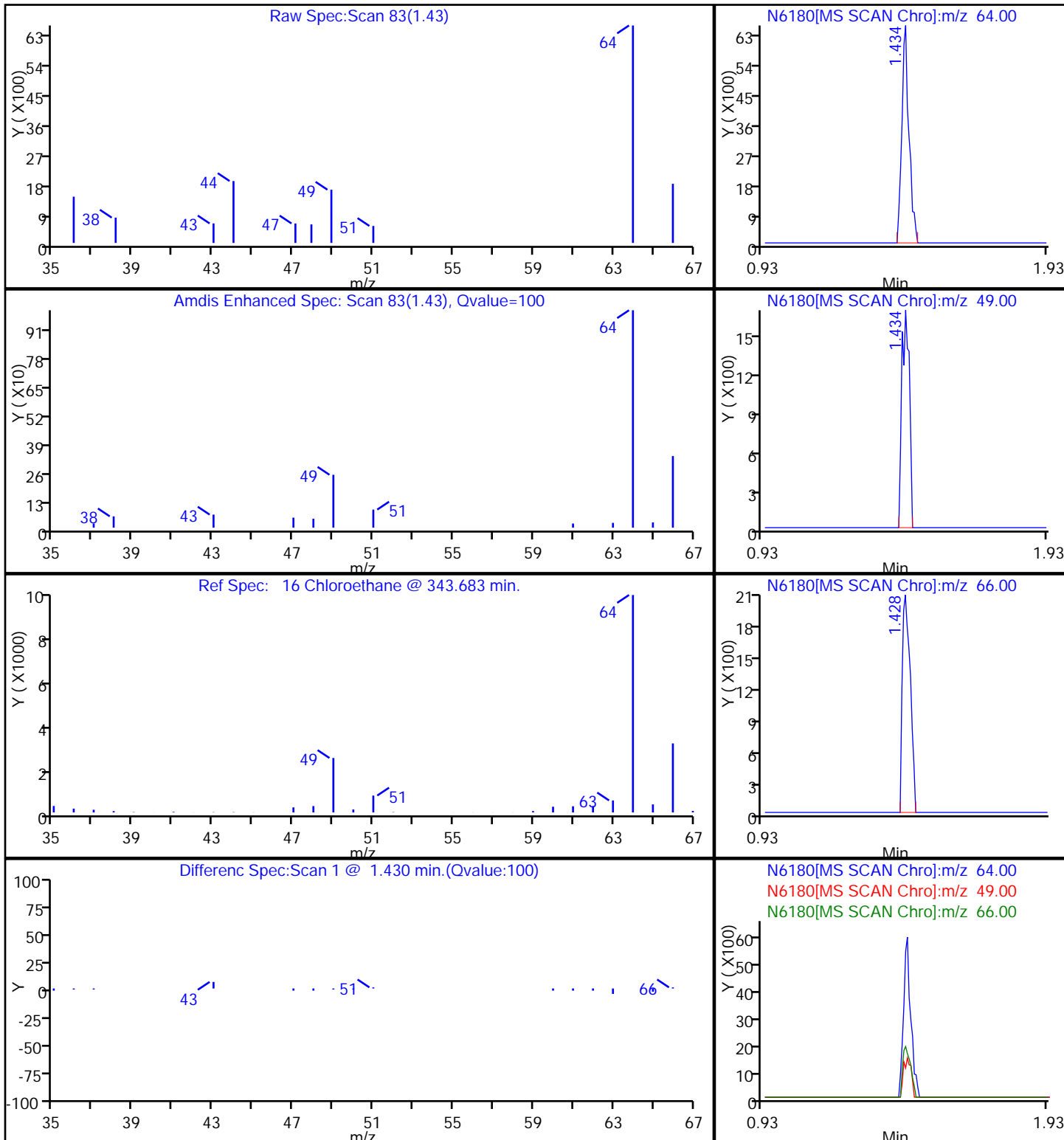
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 Injection Date: 10-Apr-2011 22:01:30
 Client ID: MW-2
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 24



55 Benzene



16 Chloroethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-3471-14
 Matrix: Ground Water Lab File ID: N6181.D
 Analysis Method: 8260B Date Collected: 04/04/2011 12:25
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 22:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	11		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	4.2		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-3 Lab Sample ID: 480-3471-14
 Matrix: Ground Water Lab File ID: N6181.D
 Analysis Method: 8260B Date Collected: 04/04/2011 12:25
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 22:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	19		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6181.D
 Lims ID: 480-3471-A-14 Client ID: MW-3
 Inject. Date: 10-Apr-2011 22:24:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-14
 Misc. Info.: 480-0002160-025
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 11454 Lims Sample ID: 25
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 11-Apr-2011 09:24:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	430373	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	385371	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	203743	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	177173	31.2	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	478749	25.5	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	159157	26.6	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.178	1.172	0.006	81	73810	18.9	
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.428	1.428	0.0	77	8771	4.21	
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.010	3.004	0.006	82	94757	11.0	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	71	15680	3.10	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.975					

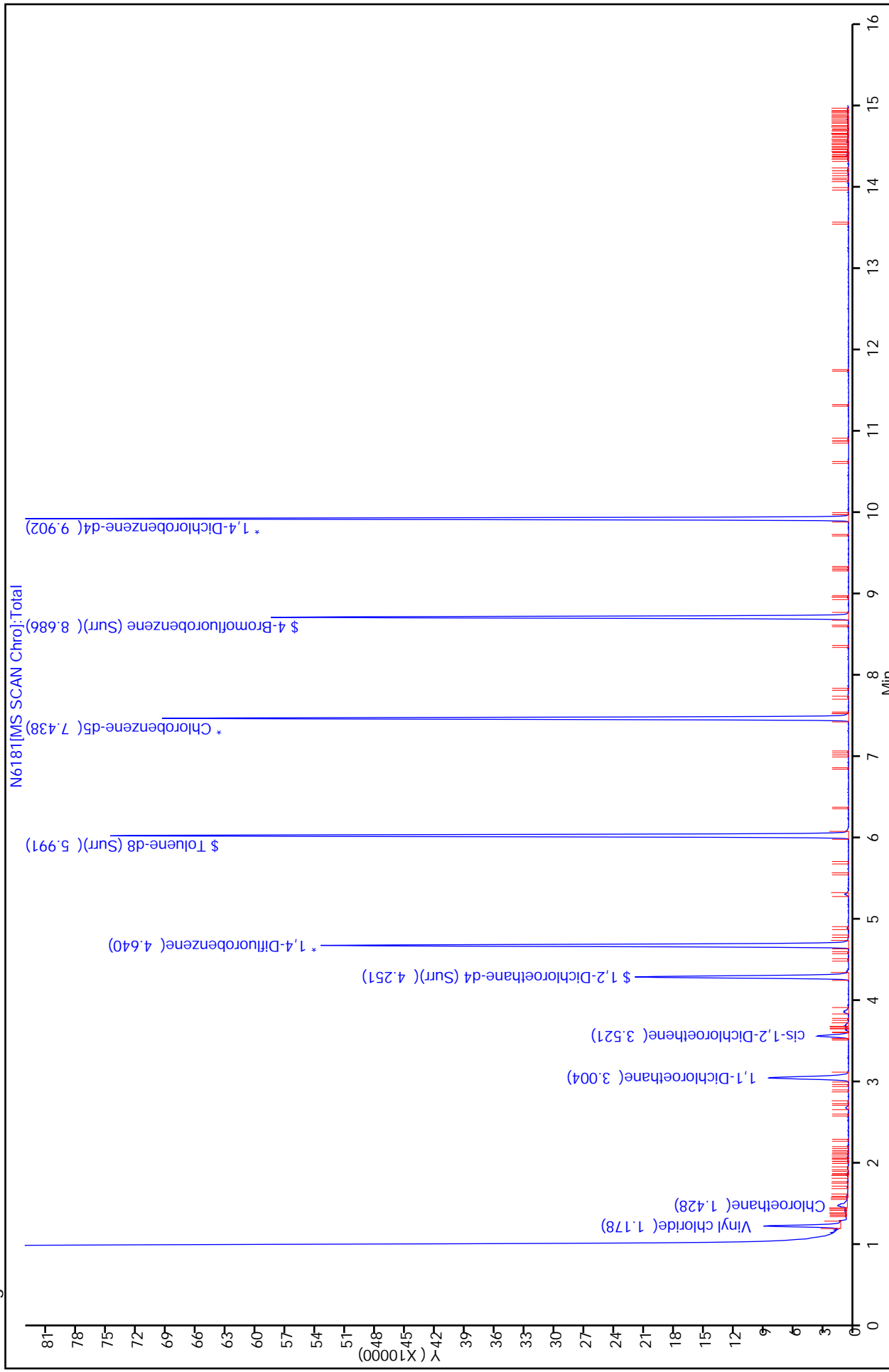
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

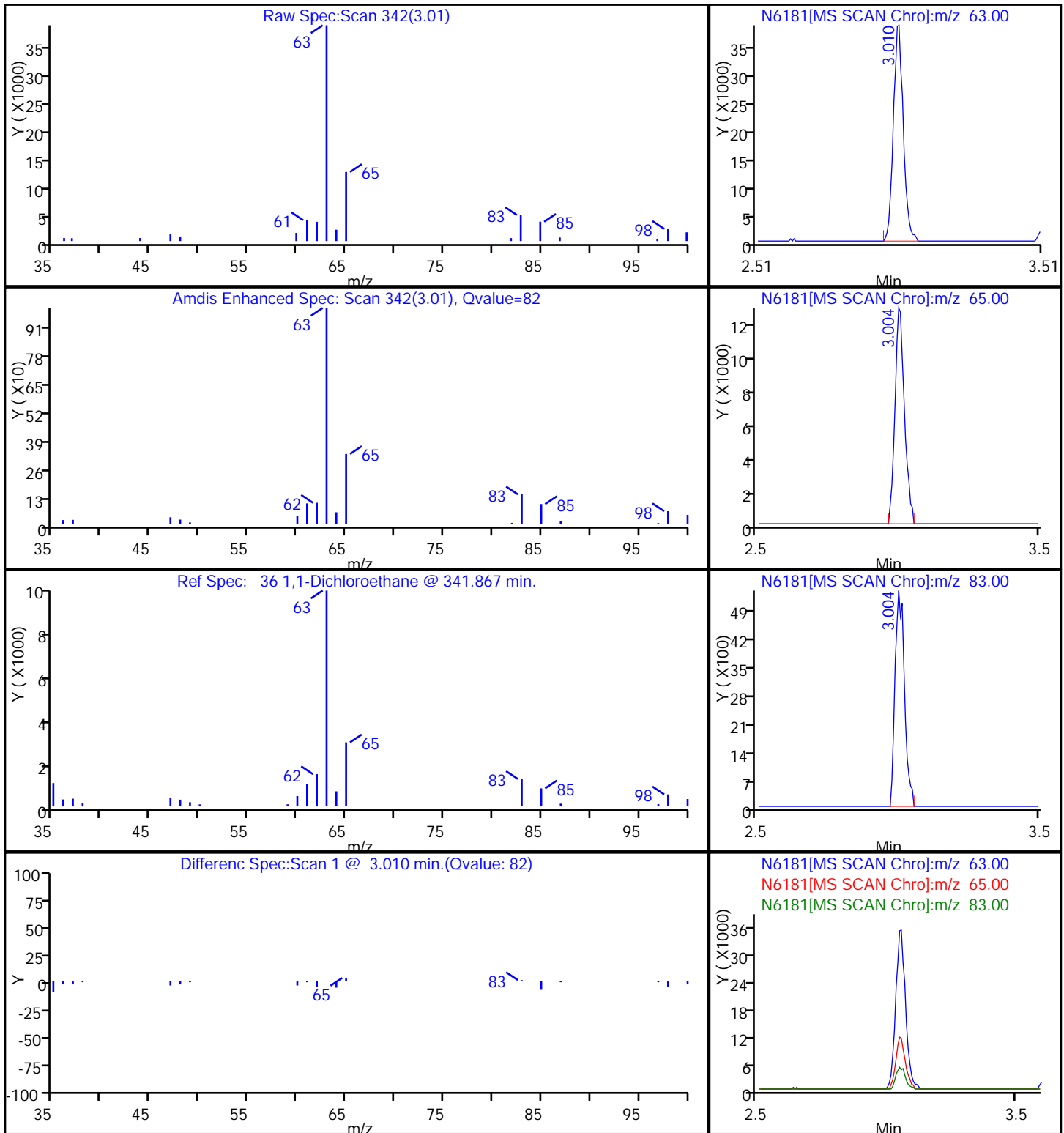
Processing Flags

7 - Failed Limit of Detection

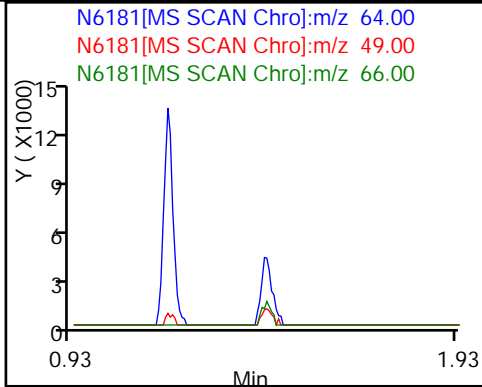
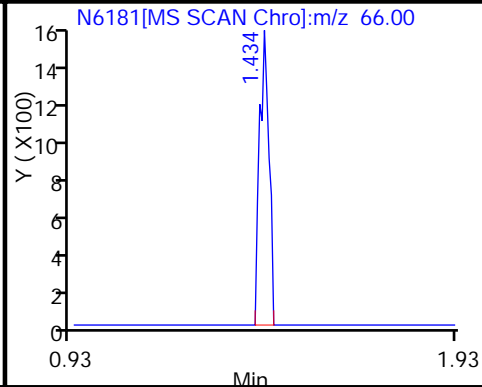
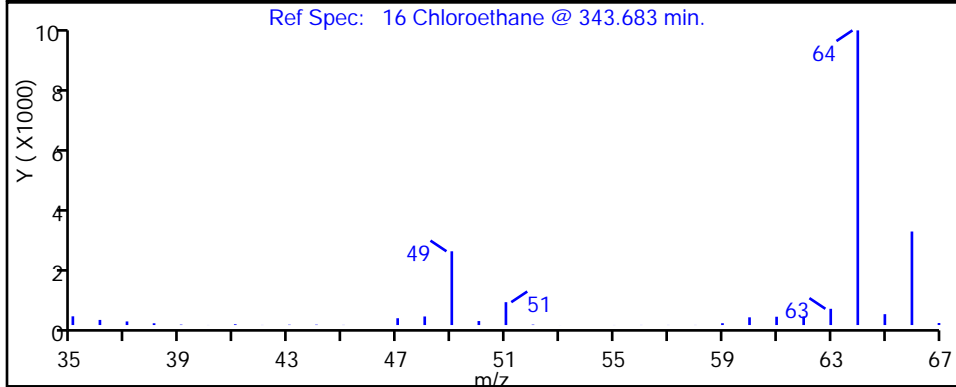
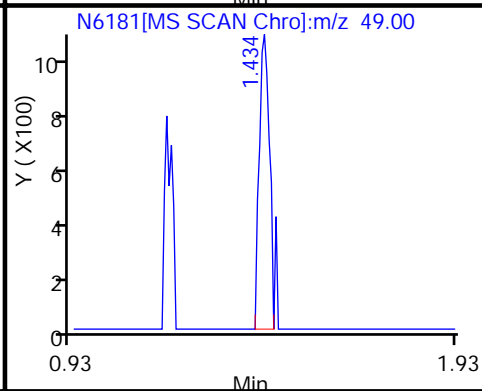
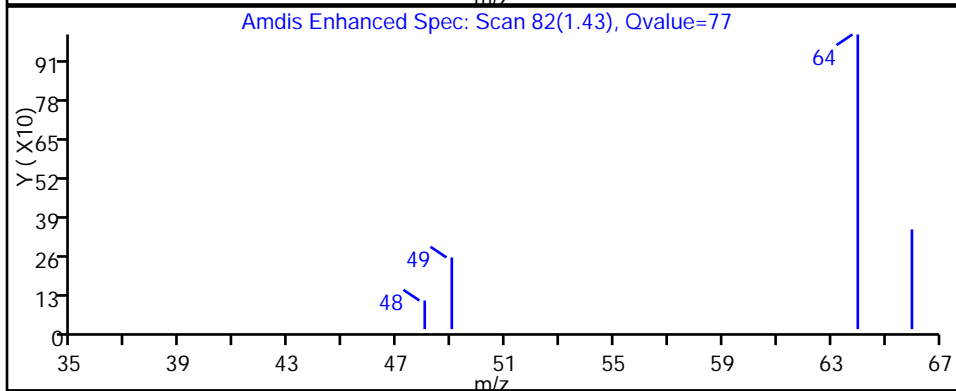
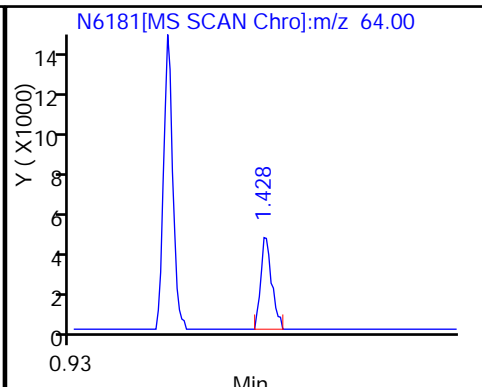
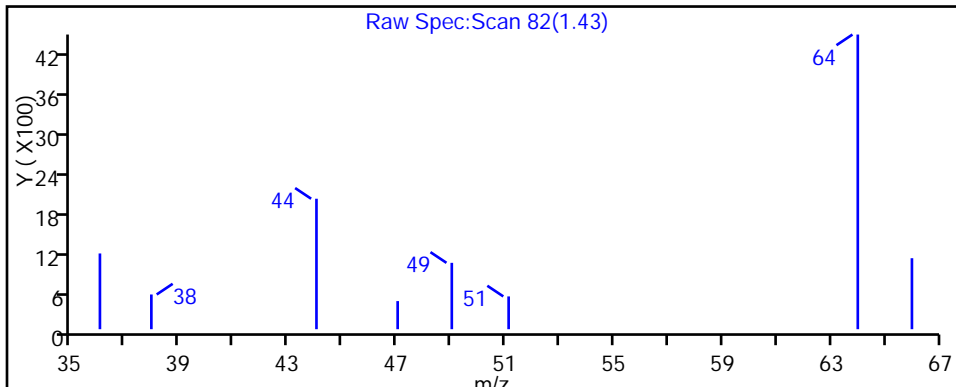
Report Date: 11-Apr-2011 09:24:43
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6181.D
 Injection Date: 10-Apr-2011 22:24:30
 Client ID: MW-3
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 25
 Y Scaling:



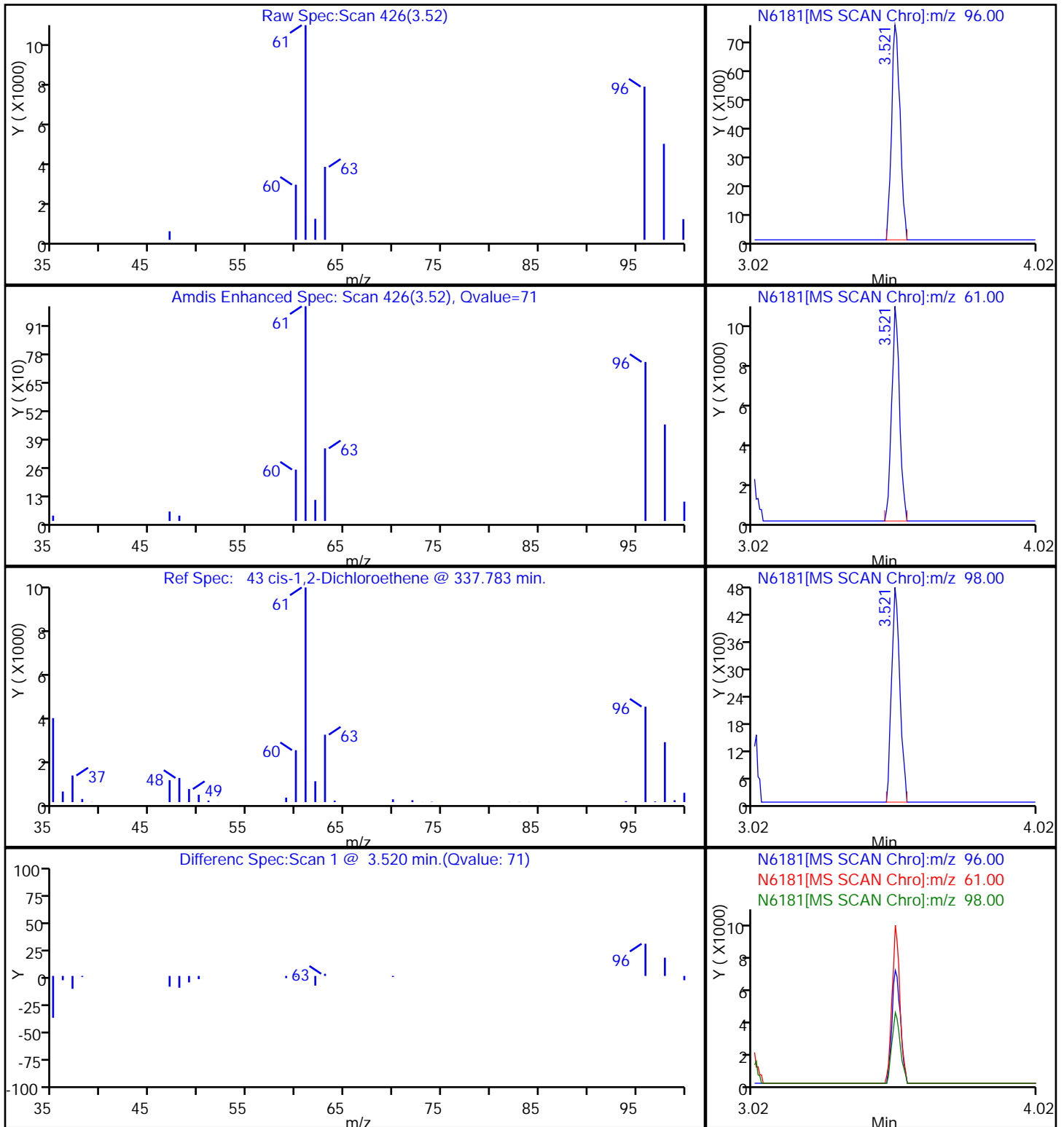
36 1,1-Dichloroethane



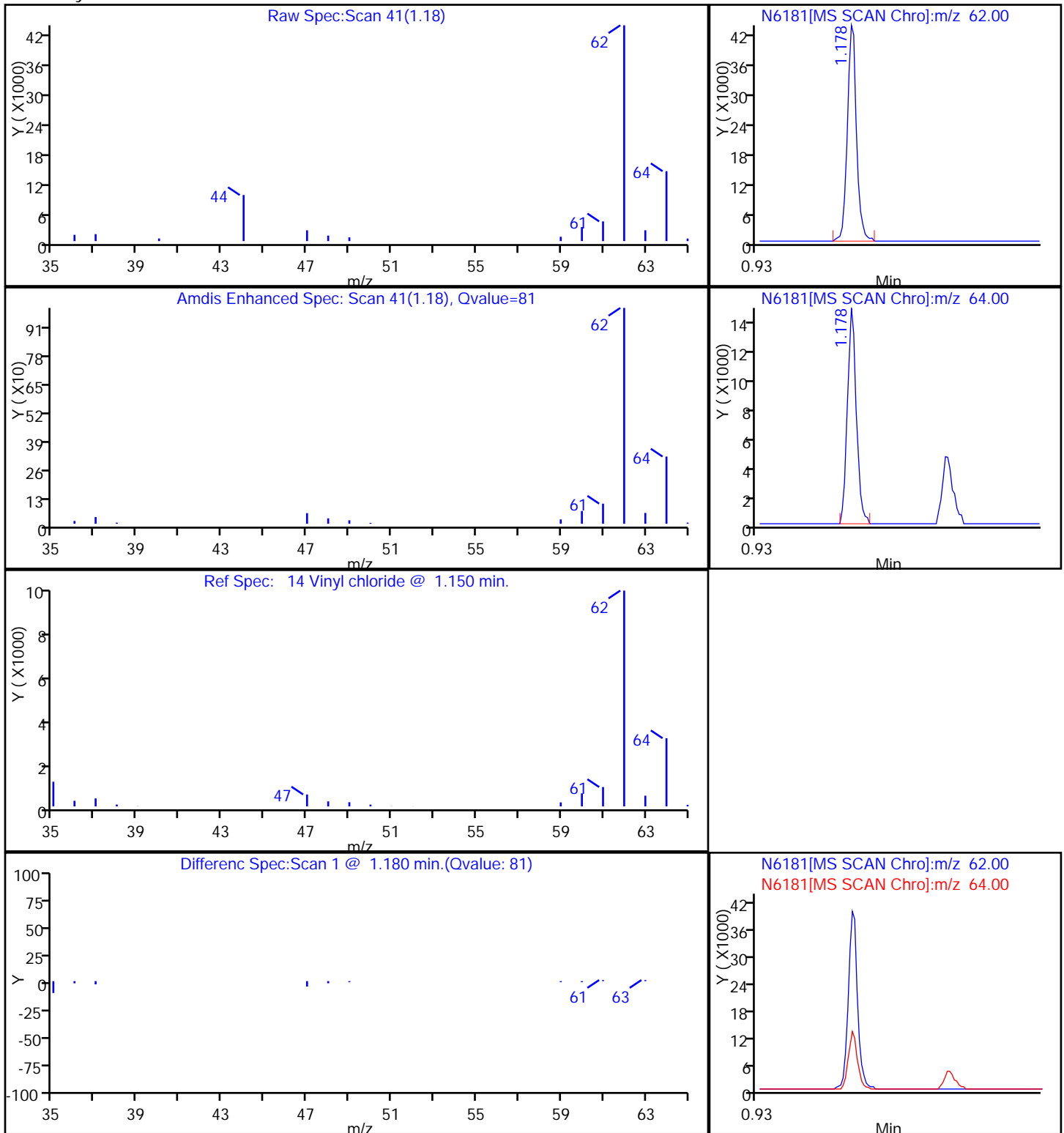
16 Chloroethane



43 cis-1,2-Dichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-4 Lab Sample ID: 480-3471-15
 Matrix: Ground Water Lab File ID: N6182.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:00
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 22:48
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	45		40	33
79-34-5	1,1,2,2-Tetrachloroethane	ND		40	8.4
79-00-5	1,1,2-Trichloroethane	ND		40	9.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12
75-34-3	1,1-Dichloroethane	700		40	15
75-35-4	1,1-Dichloroethene	300		40	12
120-82-1	1,2,4-Trichlorobenzene	ND		40	16
96-12-8	1,2-Dibromo-3-Chloropropane	ND		40	16
106-93-4	1,2-Dibromoethane	ND		40	29
95-50-1	1,2-Dichlorobenzene	ND		40	32
107-06-2	1,2-Dichloroethane	ND		40	8.4
78-87-5	1,2-Dichloropropane	ND		40	29
541-73-1	1,3-Dichlorobenzene	ND		40	31
106-46-7	1,4-Dichlorobenzene	ND		40	34
591-78-6	2-Hexanone	ND		200	50
78-93-3	2-Butanone (MEK)	ND		400	53
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		200	84
67-64-1	Acetone	ND		400	120
71-43-2	Benzene	ND		40	16
75-27-4	Bromodichloromethane	ND		40	16
75-25-2	Bromoform	ND		40	10
74-83-9	Bromomethane	ND		40	28
75-15-0	Carbon disulfide	ND		40	7.6
56-23-5	Carbon tetrachloride	ND		40	11
108-90-7	Chlorobenzene	ND		40	30
124-48-1	Dibromochloromethane	ND		40	13
75-00-3	Chloroethane	ND		40	13
67-66-3	Chloroform	ND		40	14
74-87-3	Chloromethane	ND		40	14
156-59-2	cis-1,2-Dichloroethene	41000	E	40	32
10061-01-5	cis-1,3-Dichloropropene	ND		40	14
110-82-7	Cyclohexane	ND		40	7.2
75-71-8	Dichlorodifluoromethane	ND		40	27
100-41-4	Ethylbenzene	ND		40	30
98-82-8	Isopropylbenzene	ND		40	32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-4 Lab Sample ID: 480-3471-15
 Matrix: Ground Water Lab File ID: N6182.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:00
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 22:48
 Soil Aliquot Vol: _____ Dilution Factor: 40
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		40	20
1634-04-4	Methyl tert-butyl ether	ND		40	6.4
108-87-2	Methylcyclohexane	ND		40	6.4
75-09-2	Methylene Chloride	ND		40	18
100-42-5	Styrene	ND		40	29
127-18-4	Tetrachloroethene	ND		40	14
108-88-3	Toluene	ND		40	20
156-60-5	trans-1,2-Dichloroethene	130		40	36
10061-02-6	trans-1,3-Dichloropropene	ND		40	15
79-01-6	Trichloroethene	15000	E	40	18
75-69-4	Trichlorofluoromethane	ND		40	35
75-01-4	Vinyl chloride	3500		40	36
1330-20-7	Xylenes, Total	ND		80	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6182.D
 Lims ID: 480-3471-A-15 Client ID: MW-4
 Inject. Date: 10-Apr-2011 22:48:30 Dil. Factor: 40.0000
 Sample Type: Client
 Sample ID: 480-3471-A-15
 Misc. Info.: 480-0002160-026
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 26
 Lims Batch ID: 11454 Lims Sample ID: 26
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 11-Apr-2011 09:24:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	443136	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	398181	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	207152	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	183297	31.4	
\$ 6 Toluene-d8 (Surr)	98	5.997	5.991	0.006	80	488121	25.1	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	158770	25.7	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.178	1.172	0.006	81	355322	88.4	
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96	2.006	2.012	-0.006	86	33973	7.39	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96	2.632	2.626	0.006	94	15990	3.37	
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.010	3.004	0.006	82	154524	17.4	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	64	5391138	1035.0	5
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97	3.934	3.928	0.006	59	6363	1.13	
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.853	4.853	0.0	96	1948679	380.2	5
62 Methylcyclohexane	83		4.975					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

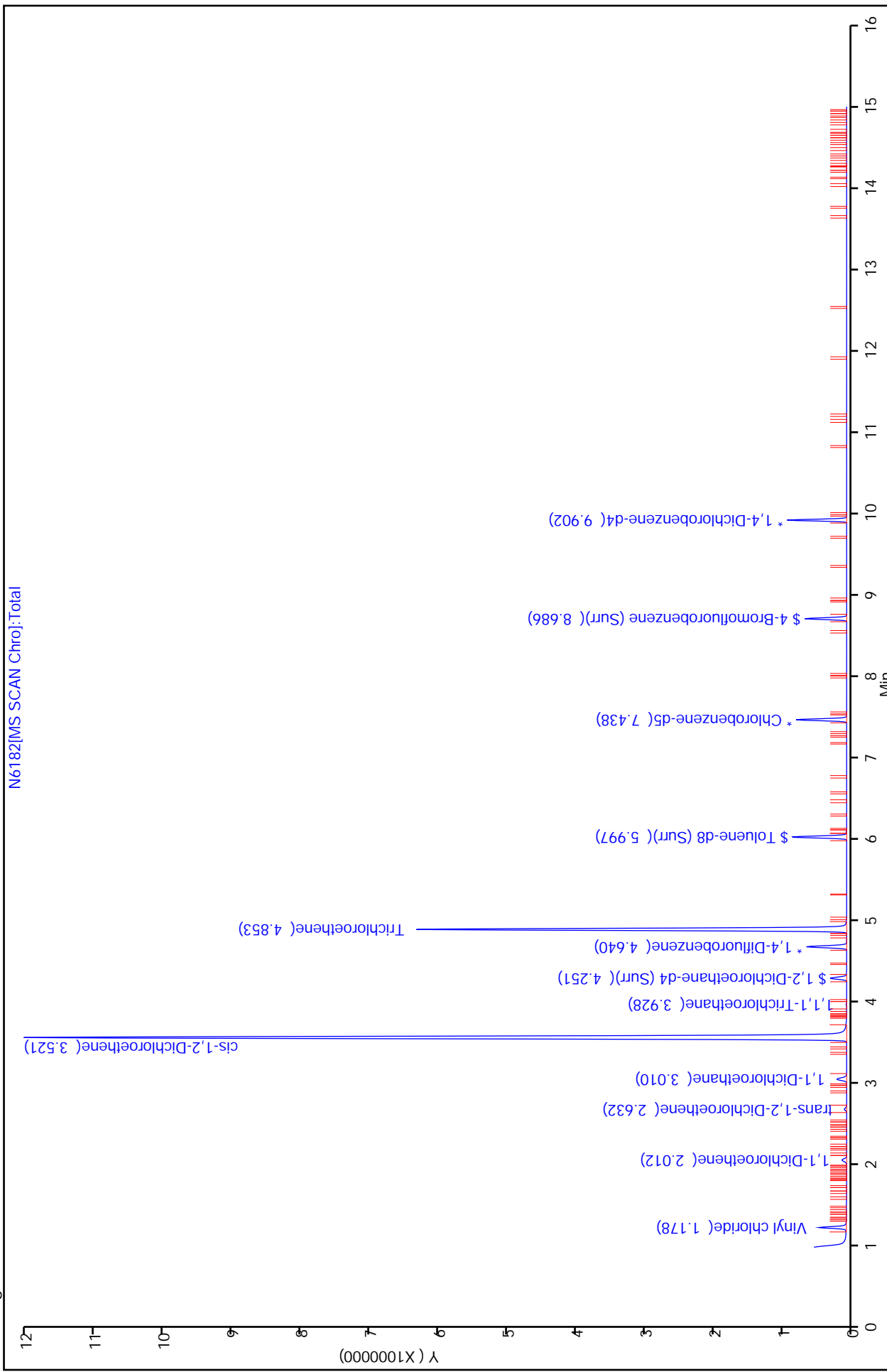
QC Flag Legend

Processing Flags

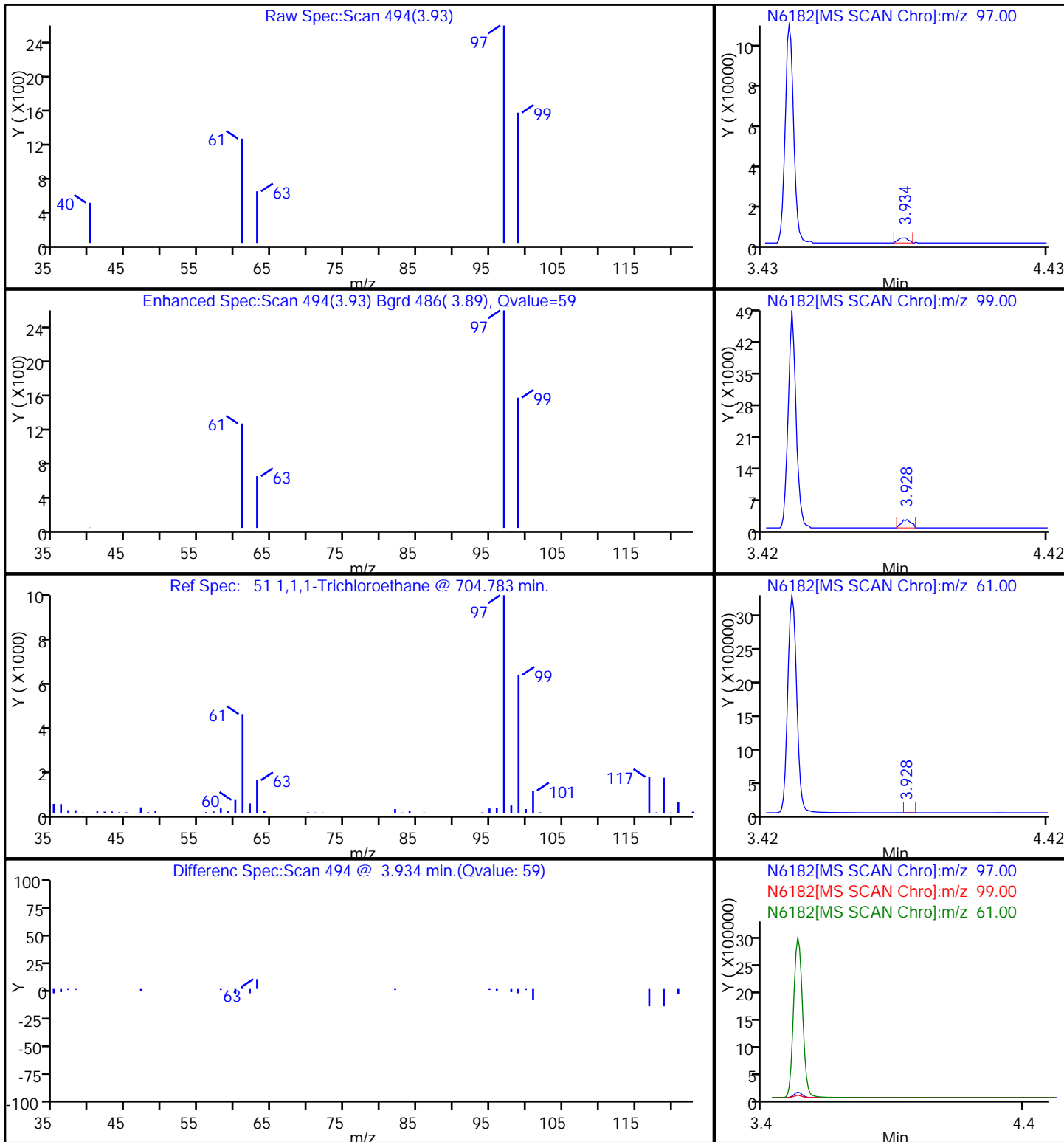
5 - Exceeded Maximum Amount

7 - Failed Limit of Detection

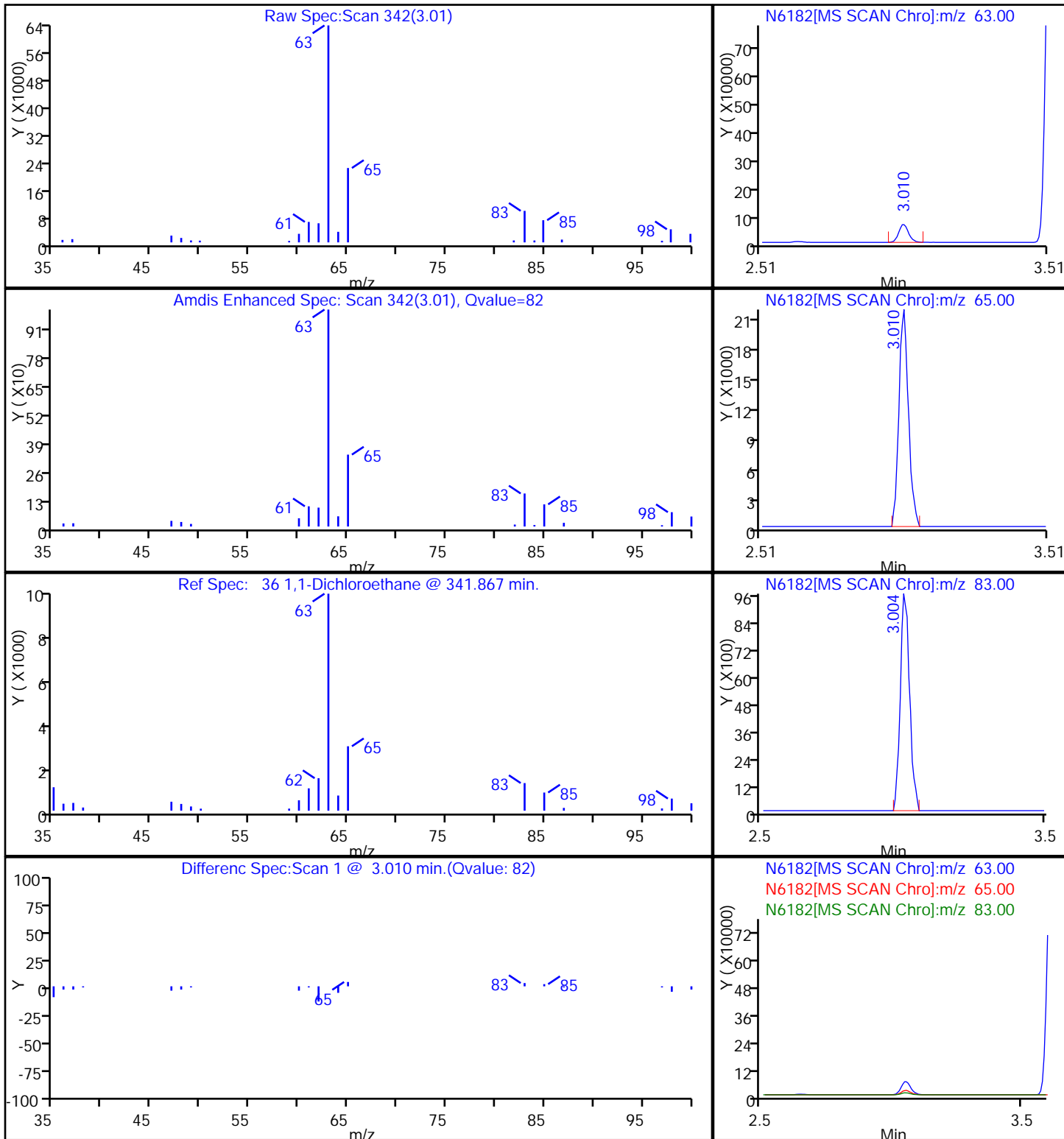
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 Injection Date: 10-Apr-2011 22:48:30
 Client ID: MW-4
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 26



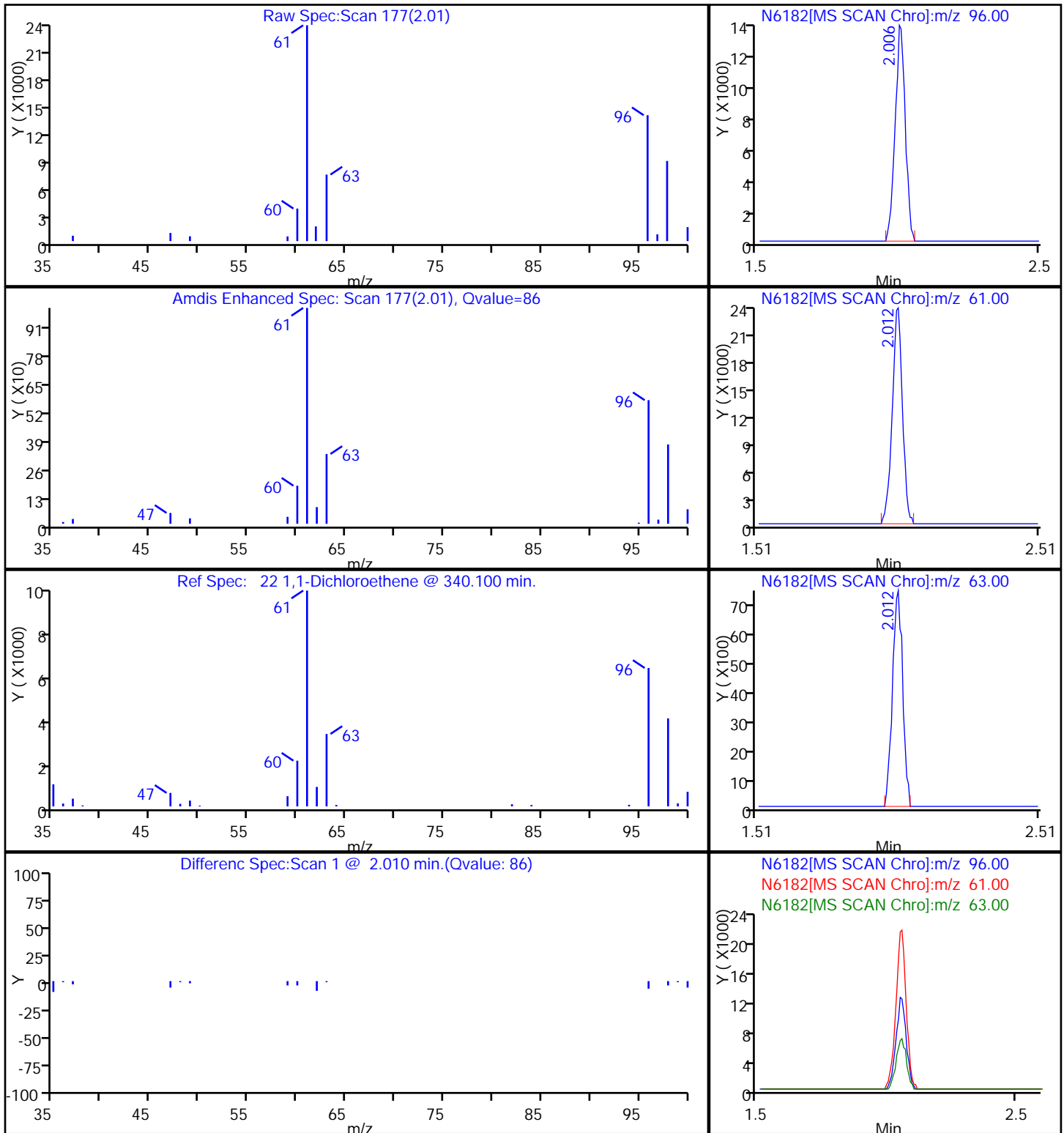
51 1,1,1-Trichloroethane



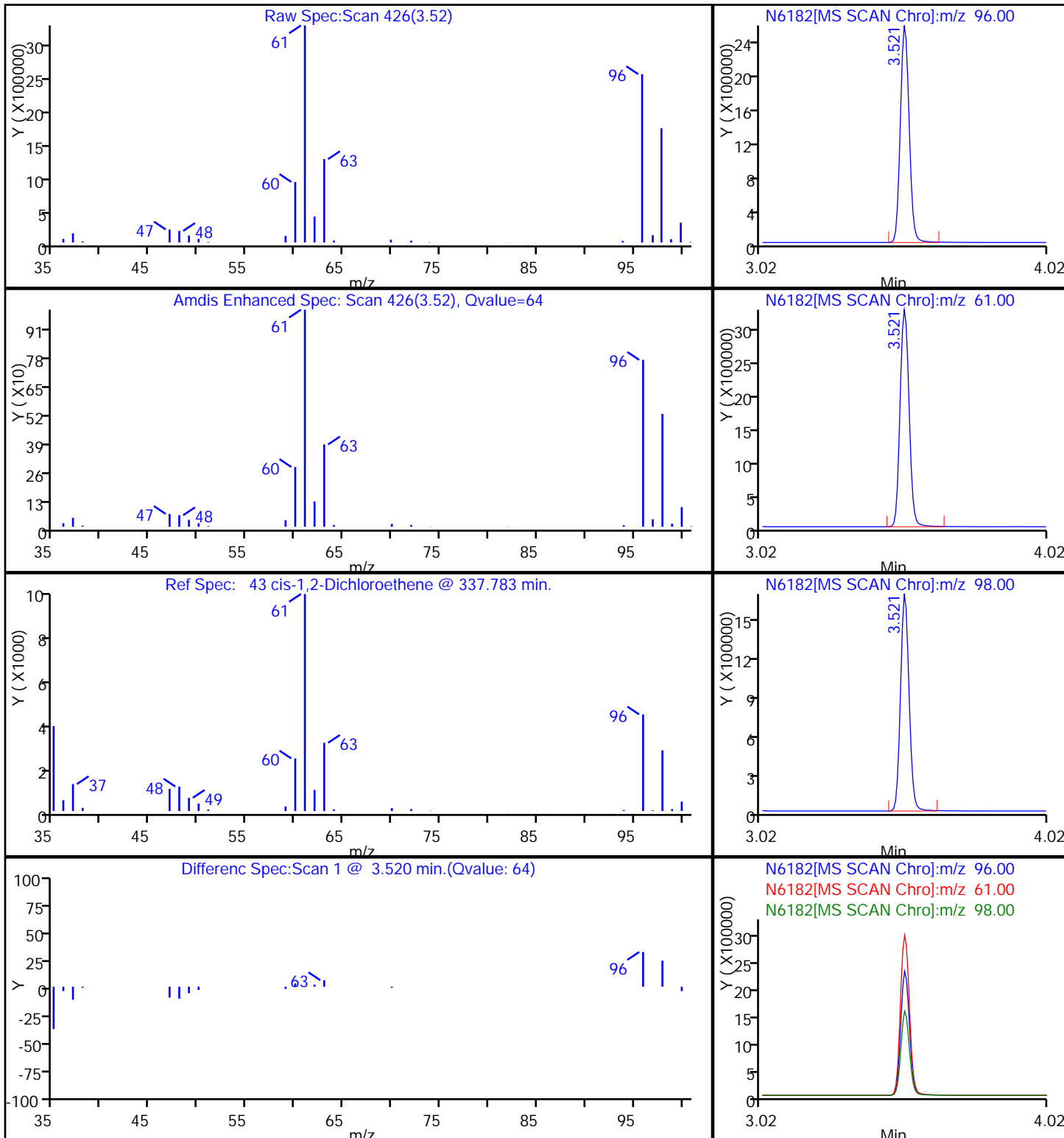
36 1,1-Dichloroethane



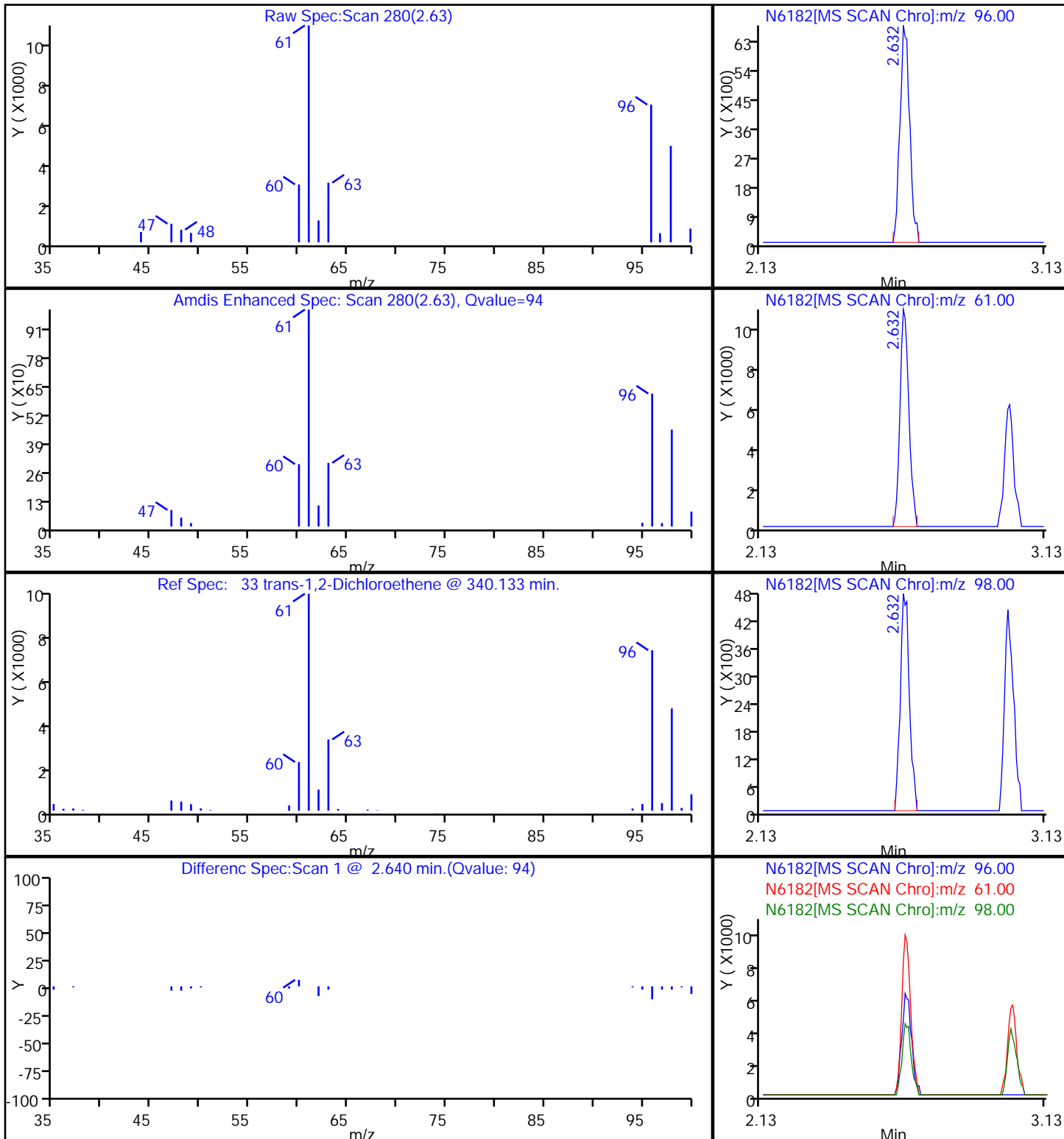
22 1,1-Dichloroethene



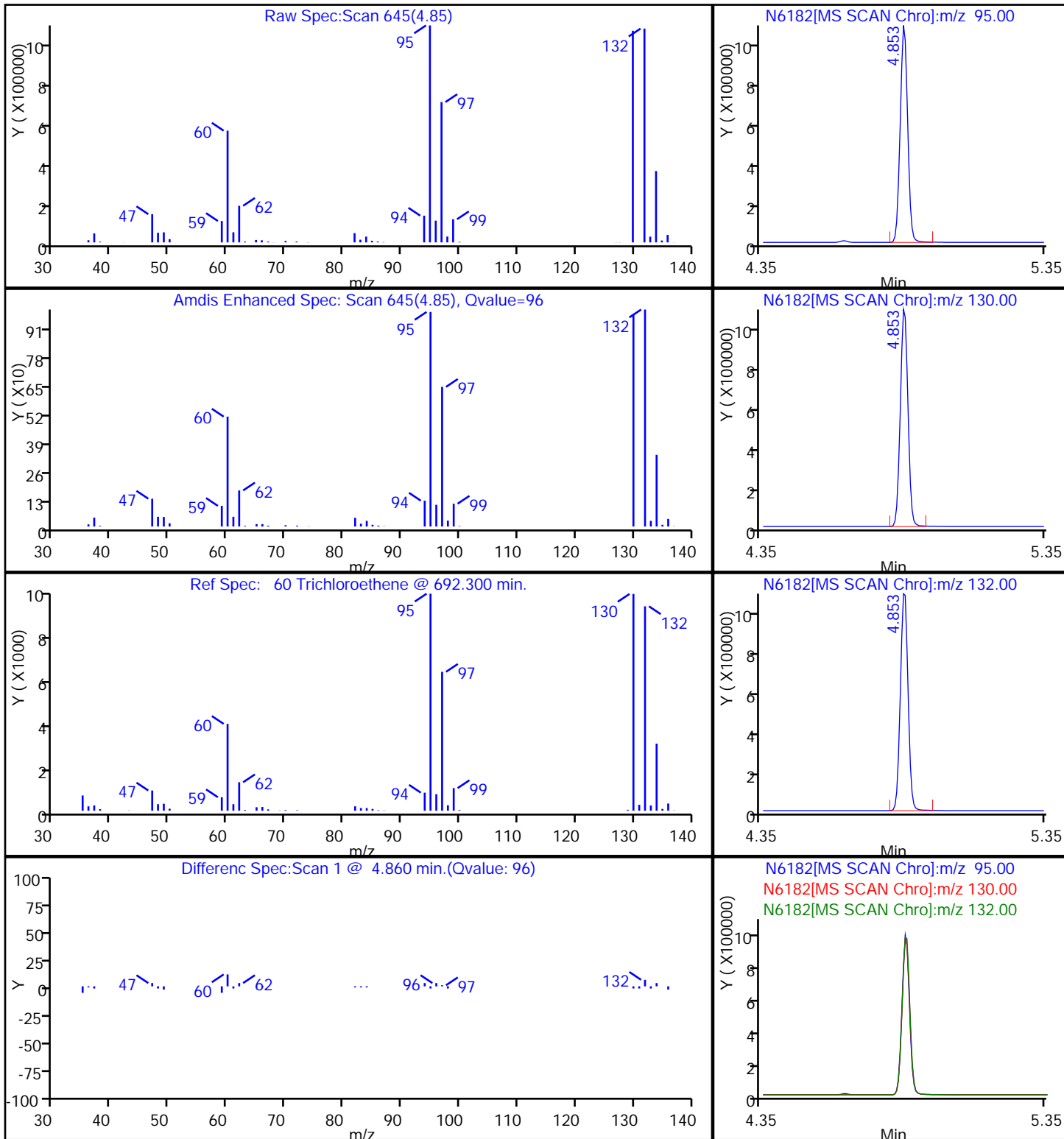
43 cis-1,2-Dichloroethene



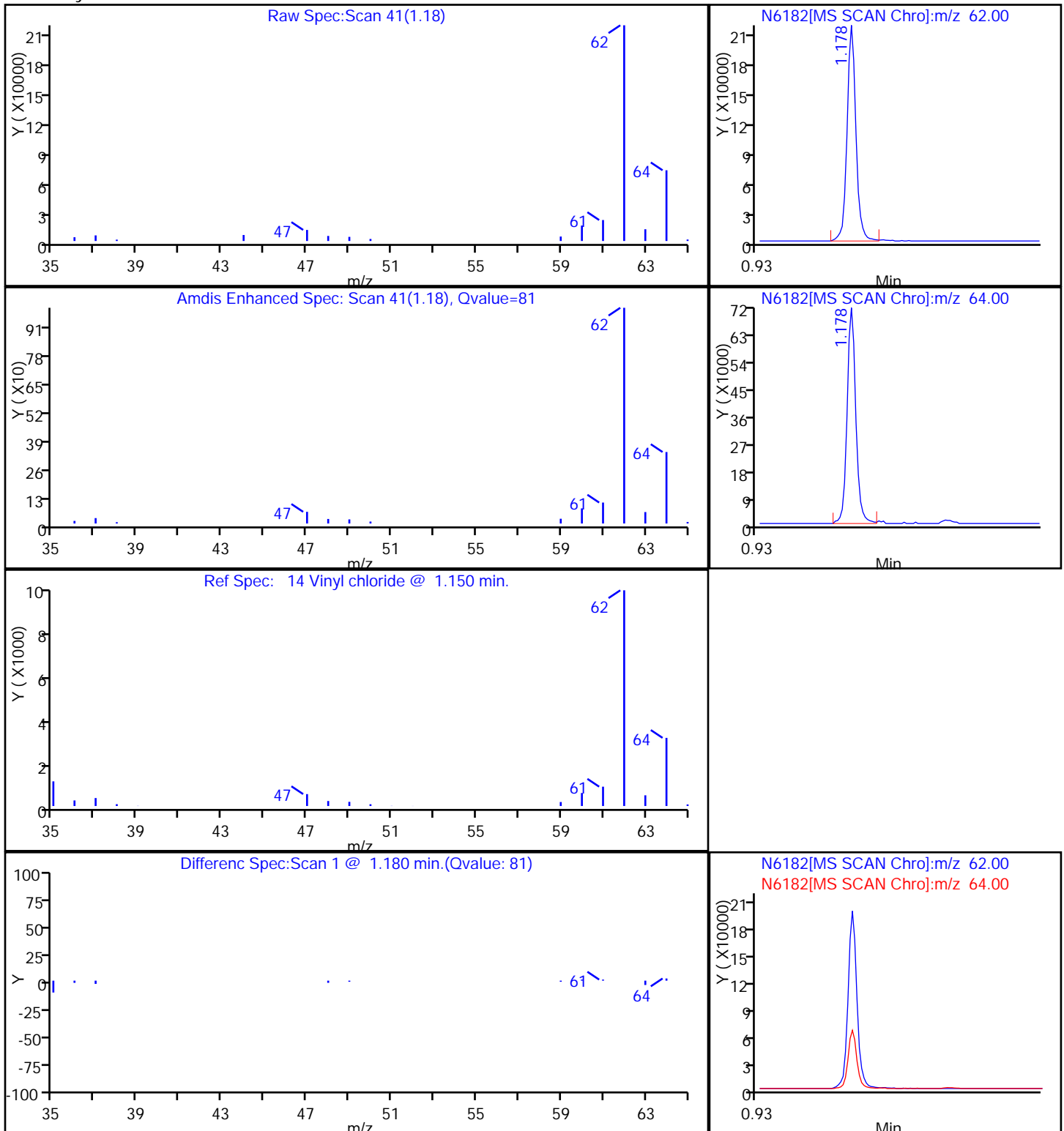
33 trans-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-4 DL Lab Sample ID: 480-3471-15 DL
 Matrix: Ground Water Lab File ID: C9847.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 17:22
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	660	J	800	300
75-35-4	1,1-Dichloroethene	340	J	800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	39000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-4 DL Lab Sample ID: 480-3471-15 DL
 Matrix: Ground Water Lab File ID: C9847.D
 Analysis Method: 8260B Date Collected: 04/06/2011 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 17:22
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	13000		800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	3900		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	86		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9847.D
 Lims ID: 480-3471-B-15 Client ID: MW-4
 Inject. Date: 12-Apr-2011 17:22:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-3471-B-15
 Misc. Info.: 480-0002205-017
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 40
 Lims Batch ID: 11663 Lims Sample ID: 17
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 17:18:31 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 19:35:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.467	9.466	0.001	94	526154	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	87	291711	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	274669	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	110200	26.1	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	605949	24.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	177892	21.6	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.103	5.114	-0.011	99	43027	4.90	
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96	6.870	6.858	0.012	66	2645	0.4215	
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63	8.020	8.020	0.0	47	10127	0.8283	
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	67	377925	48.9	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95	9.716	9.716	0.0	97	116685	16.2	
64 Methylcyclohexane	83		9.870					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

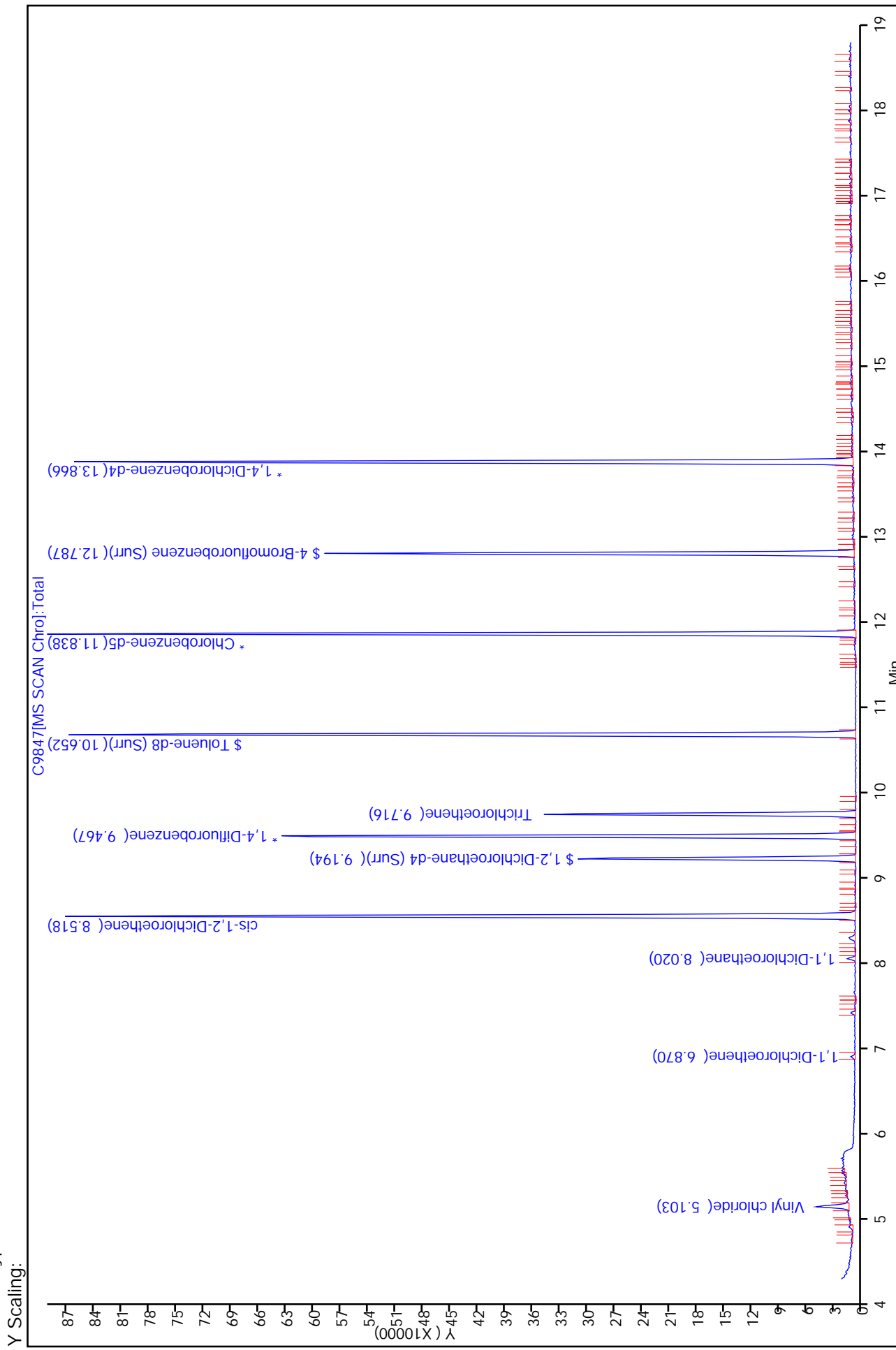
QC Flag Legend

Processing Flags

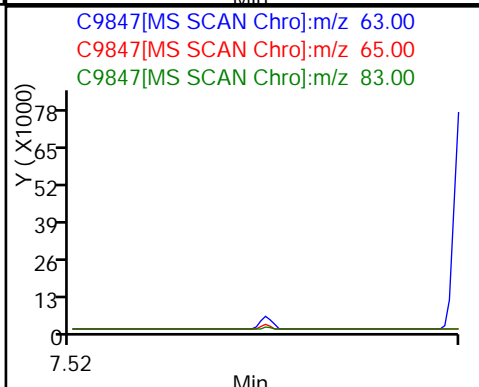
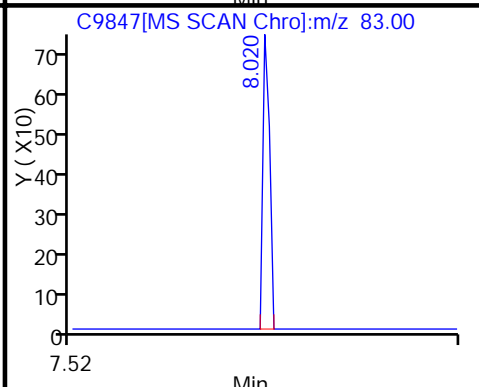
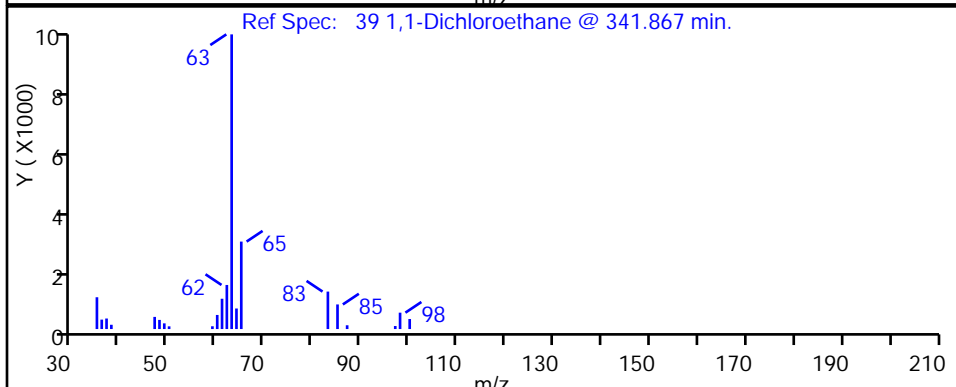
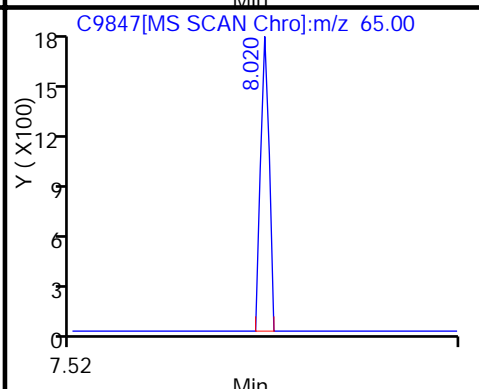
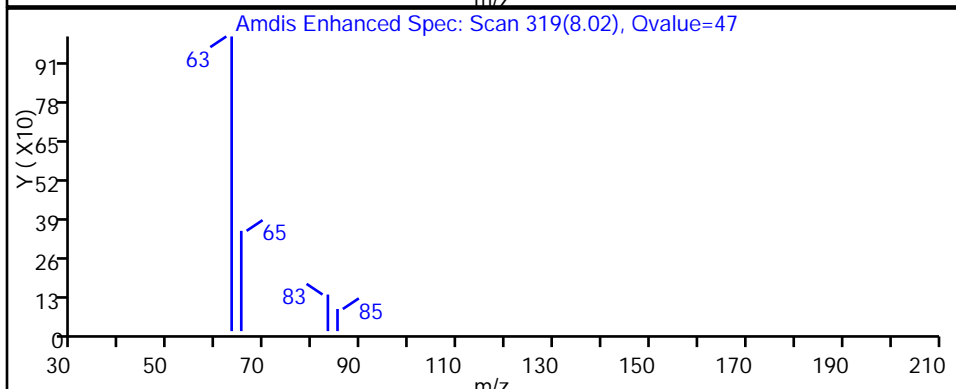
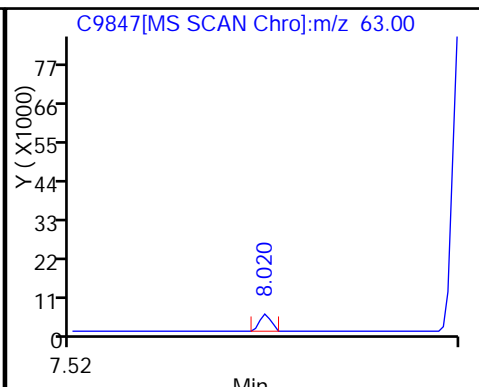
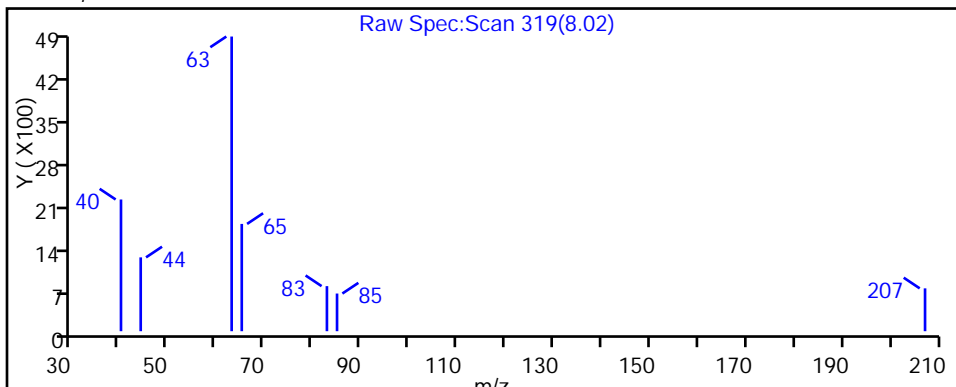
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 Client ID: MW-4
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 17

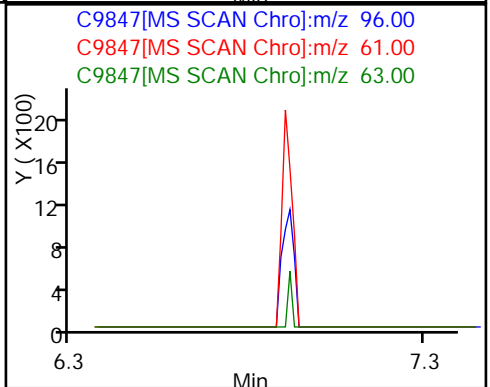
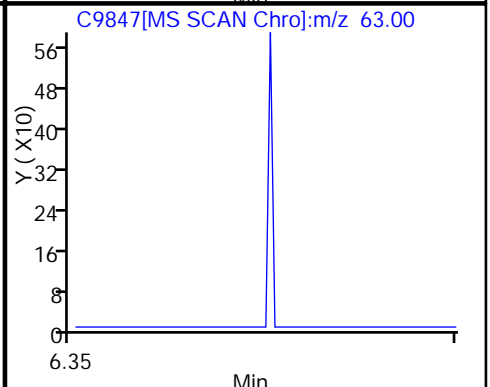
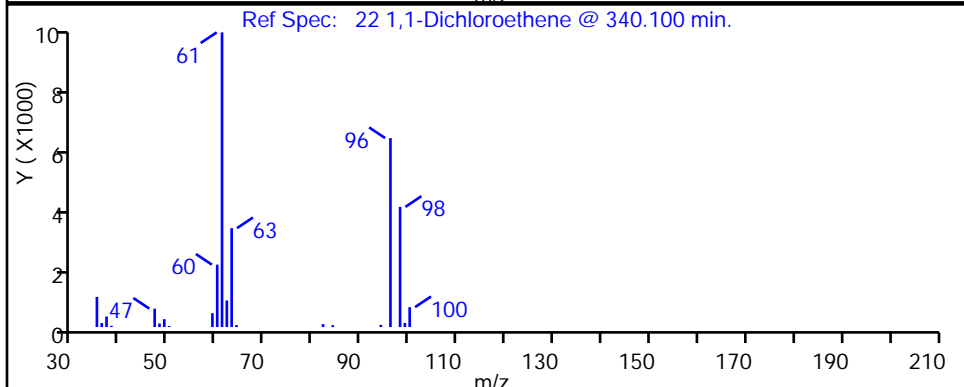
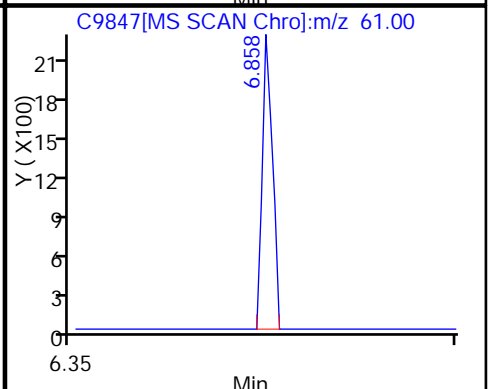
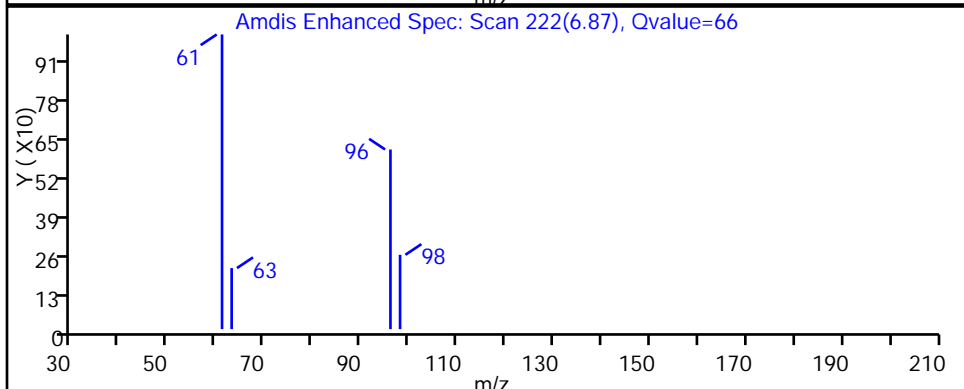
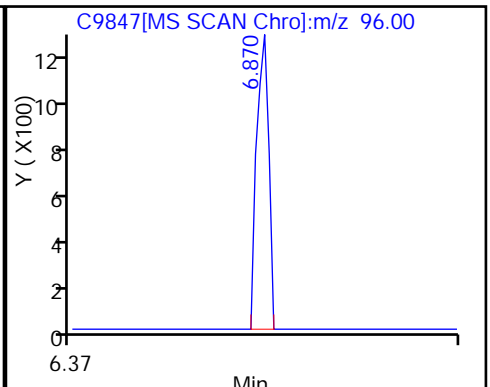
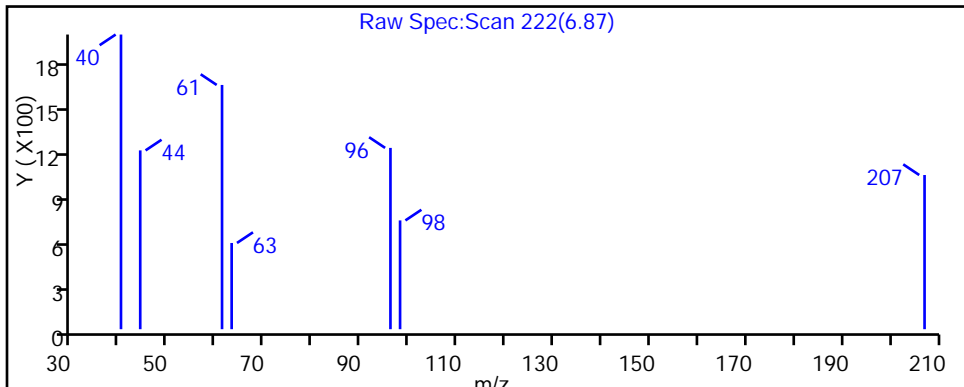
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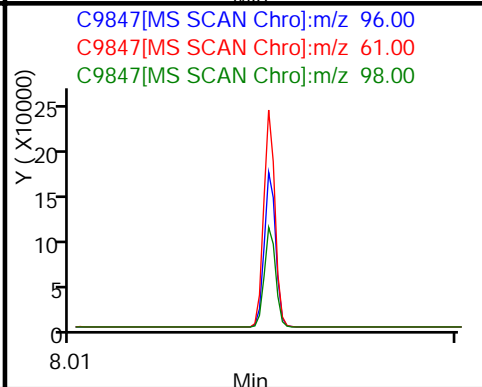
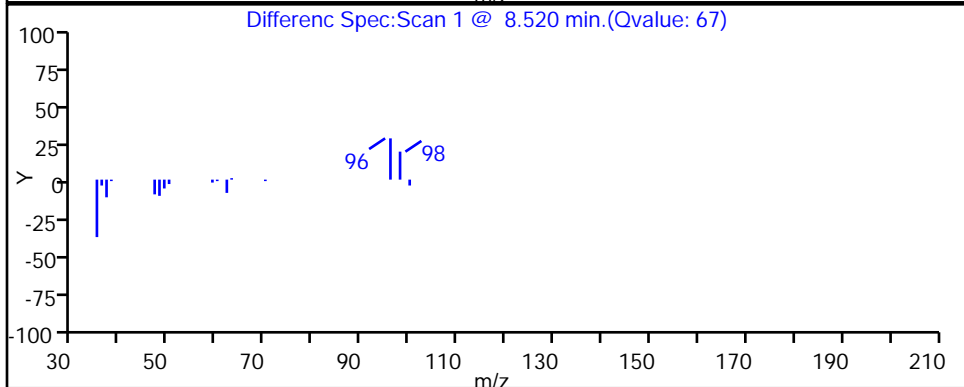
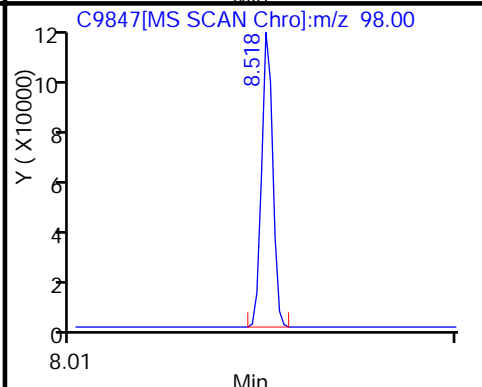
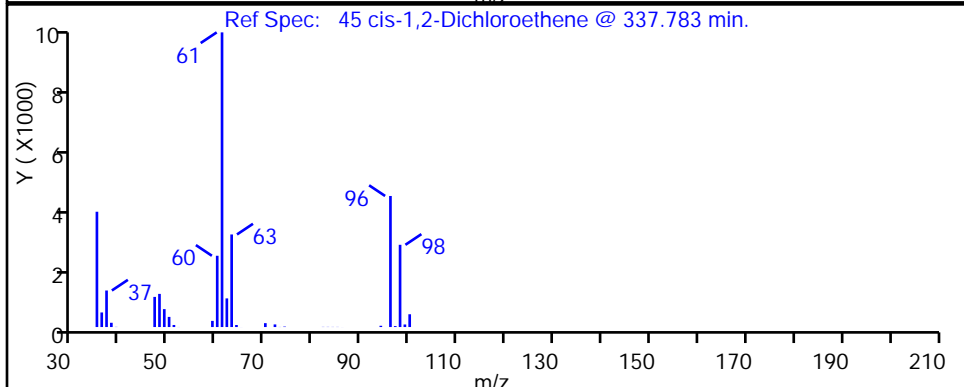
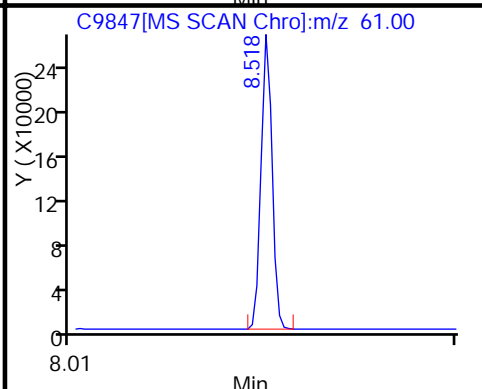
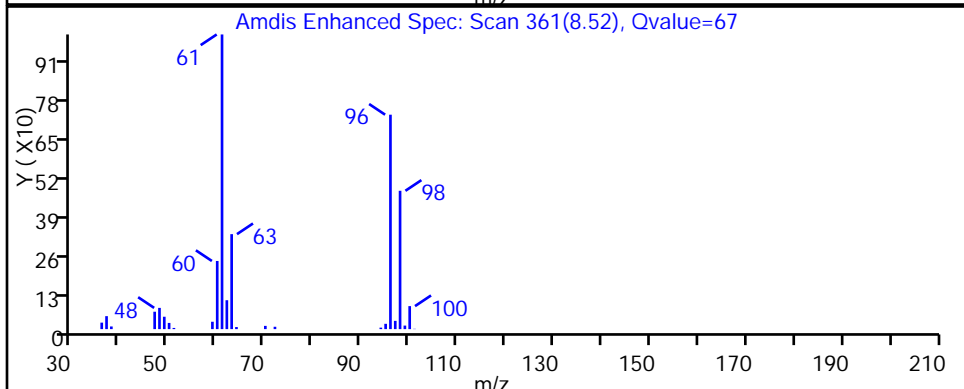
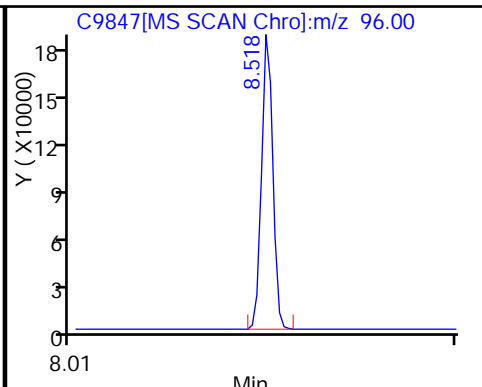
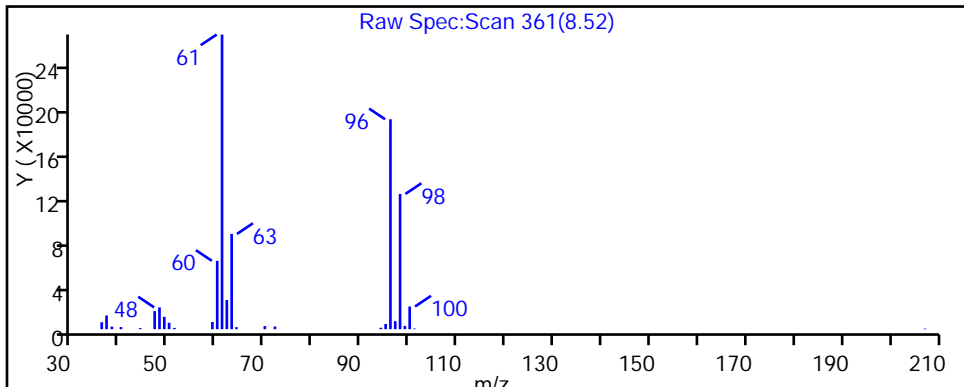
39 1,1-Dichloroethane



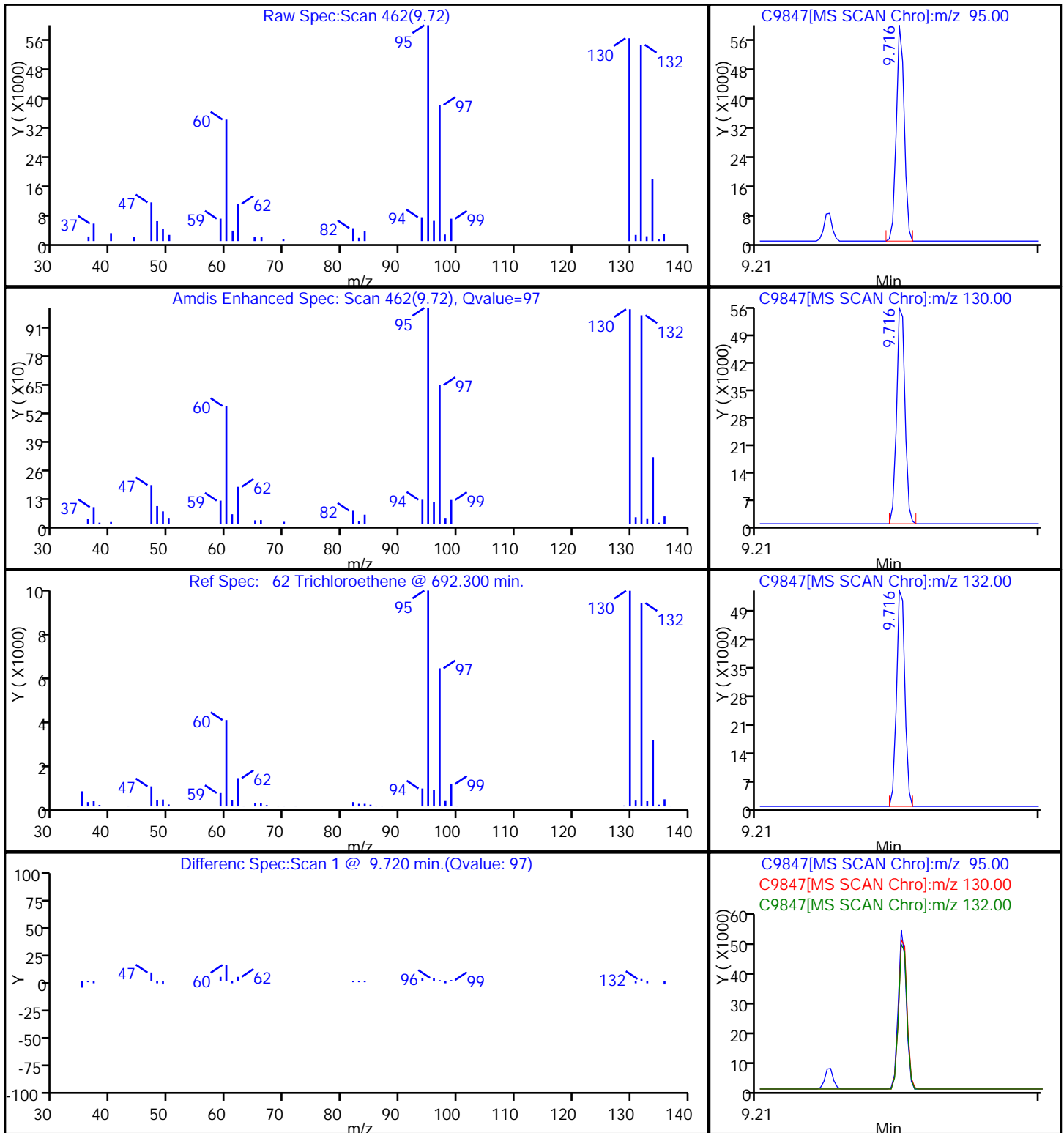
22 1,1-Dichloroethene



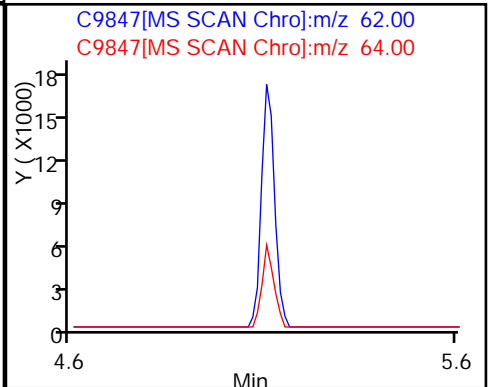
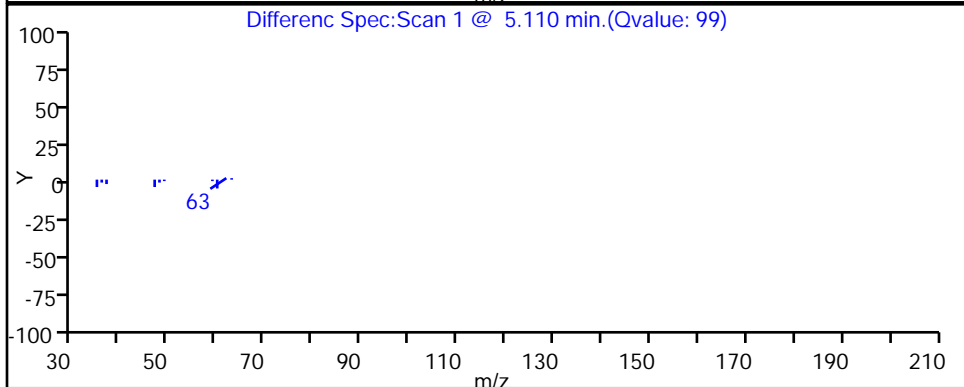
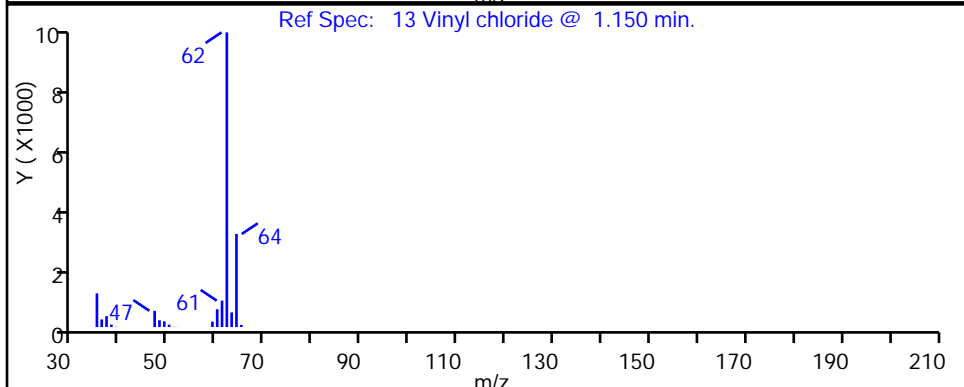
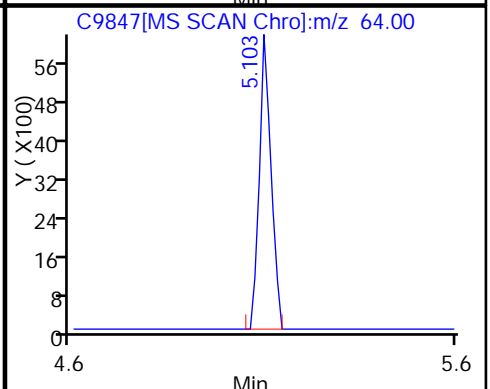
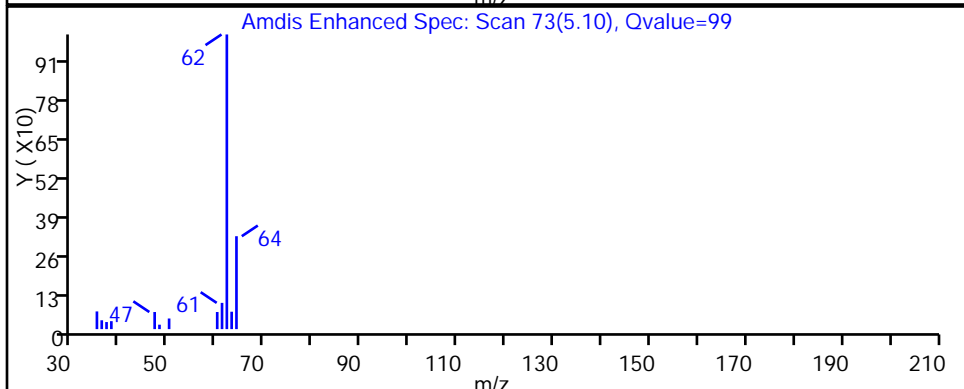
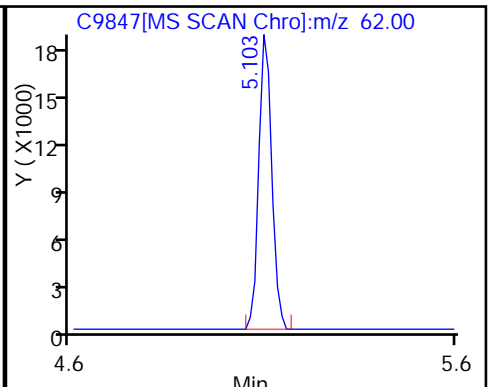
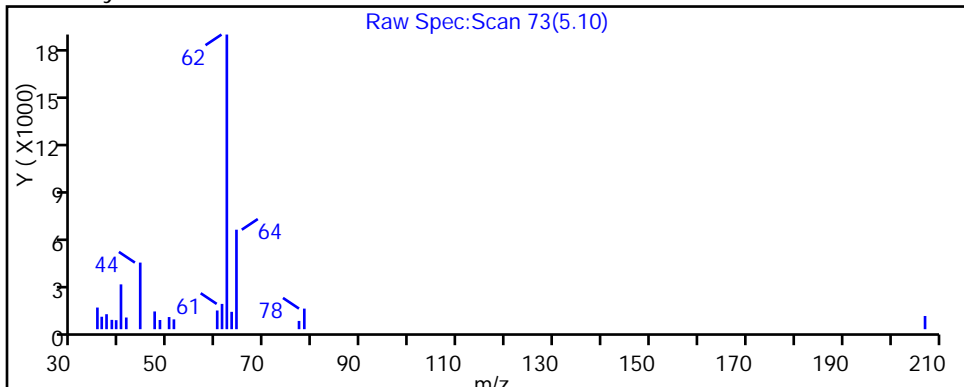
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-3471-16
 Matrix: Ground Water Lab File ID: N6183.D
 Analysis Method: 8260B Date Collected: 04/04/2011 14:20
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 23:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-6 Lab Sample ID: 480-3471-16
 Matrix: Ground Water Lab File ID: N6183.D
 Analysis Method: 8260B Date Collected: 04/04/2011 14:20
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 23:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	127		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6183.D
 Lims ID: 480-3471-A-16 Client ID: MW-6
 Inject. Date: 10-Apr-2011 23:15:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-16
 Misc. Info.: 480-0002160-027
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 27
 Lims Batch ID: 11454 Lims Sample ID: 27
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HILL

Date: 11-Apr-2011 09:25:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.634	4.634	0.0	93	438961	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.439	0.0	84	397886	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	202585	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	184229	31.8	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	484597	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	158568	25.7	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63		3.004					
43 cis-1,2-Dichloroethene	96		3.521					
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.975					

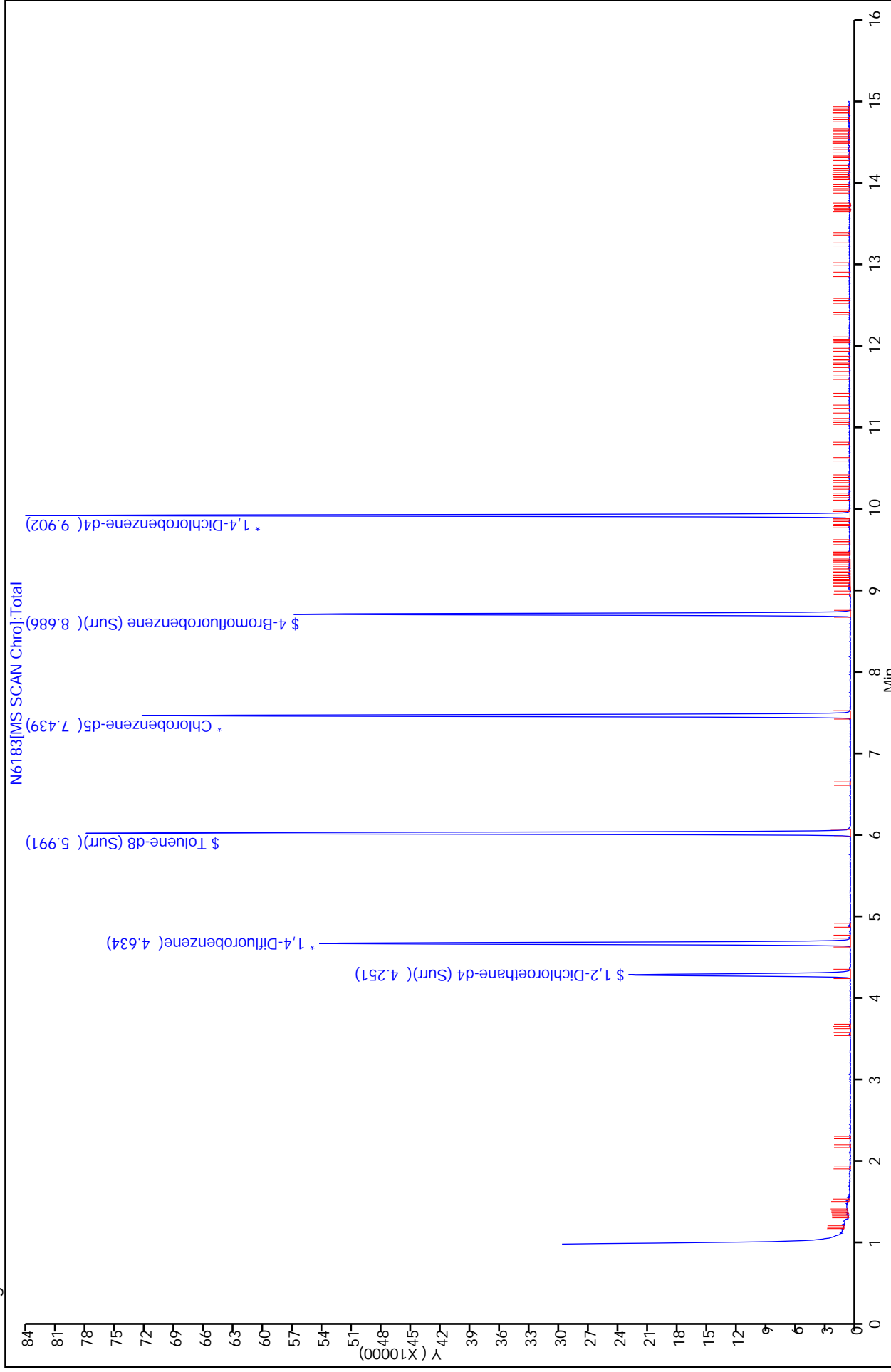
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 11-Apr-2011 09:25:00
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6183.D
 Injection Date: 10-Apr-2011 23:15:30
 Client ID: MW-6
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 27



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-3471-17
 Matrix: Ground Water Lab File ID: N6184.D
 Analysis Method: 8260B Date Collected: 04/06/2011 14:40
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 23:38
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		800	660
79-34-5	1,1,2,2-Tetrachloroethane	ND		800	170
79-00-5	1,1,2-Trichloroethane	ND		800	180
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250
75-34-3	1,1-Dichloroethane	470	J	800	300
75-35-4	1,1-Dichloroethene	ND		800	230
120-82-1	1,2,4-Trichlorobenzene	ND		800	330
96-12-8	1,2-Dibromo-3-Chloropropane	ND		800	310
106-93-4	1,2-Dibromoethane	ND		800	580
95-50-1	1,2-Dichlorobenzene	ND		800	630
107-06-2	1,2-Dichloroethane	ND		800	170
78-87-5	1,2-Dichloropropane	ND		800	580
541-73-1	1,3-Dichlorobenzene	ND		800	620
106-46-7	1,4-Dichlorobenzene	ND		800	670
591-78-6	2-Hexanone	ND		4000	990
78-93-3	2-Butanone (MEK)	ND		8000	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4000	1700
67-64-1	Acetone	ND		8000	2400
71-43-2	Benzene	ND		800	330
75-27-4	Bromodichloromethane	ND		800	310
75-25-2	Bromoform	ND		800	210
74-83-9	Bromomethane	ND		800	550
75-15-0	Carbon disulfide	ND		800	150
56-23-5	Carbon tetrachloride	ND		800	220
108-90-7	Chlorobenzene	ND		800	600
124-48-1	Dibromochloromethane	ND		800	260
75-00-3	Chloroethane	ND		800	260
67-66-3	Chloroform	ND		800	270
74-87-3	Chloromethane	ND		800	280
156-59-2	cis-1,2-Dichloroethene	49000		800	650
10061-01-5	cis-1,3-Dichloropropene	ND		800	290
110-82-7	Cyclohexane	ND		800	140
75-71-8	Dichlorodifluoromethane	ND		800	540
100-41-4	Ethylbenzene	ND		800	590
98-82-8	Isopropylbenzene	ND		800	630

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-8R Lab Sample ID: 480-3471-17
 Matrix: Ground Water Lab File ID: N6184.D
 Analysis Method: 8260B Date Collected: 04/06/2011 14:40
 Sample wt/vol: 1(uL) Date Analyzed: 04/10/2011 23:38
 Soil Aliquot Vol: _____ Dilution Factor: 800
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		800	400
1634-04-4	Methyl tert-butyl ether	ND		800	130
108-87-2	Methylcyclohexane	ND		800	130
75-09-2	Methylene Chloride	ND		800	350
100-42-5	Styrene	ND		800	580
127-18-4	Tetrachloroethene	ND		800	290
108-88-3	Toluene	ND		800	410
156-60-5	trans-1,2-Dichloroethene	ND		800	720
10061-02-6	trans-1,3-Dichloropropene	ND		800	300
79-01-6	Trichloroethene	91000	E	800	370
75-69-4	Trichlorofluoromethane	ND		800	700
75-01-4	Vinyl chloride	2500		800	720
1330-20-7	Xylenes, Total	ND		1600	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6184.D
 Lims ID: 480-3471-A-17 Client ID: MW-8R
 Inject. Date: 10-Apr-2011 23:38:30 Dil. Factor: 800.0000
 Sample Type: Client
 Sample ID: 480-3471-A-17
 Misc. Info.: 480-0002160-028
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 28
 Lims Batch ID: 11454 Lims Sample ID: 28
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: Hilll

Date: 11-Apr-2011 09:25:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	434948	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	395200	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	201830	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	177806	31.0	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	486962	25.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	161116	26.2	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.166	1.172	-0.006	80	12398	3.14	
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.004	3.004	0.0	30	5130	0.5897	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	66	310876	60.8	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62		4.318					
60 Trichloroethene	95	4.853	4.853	0.0	97	572909	113.9	5
62 Methylcyclohexane	83		4.975					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

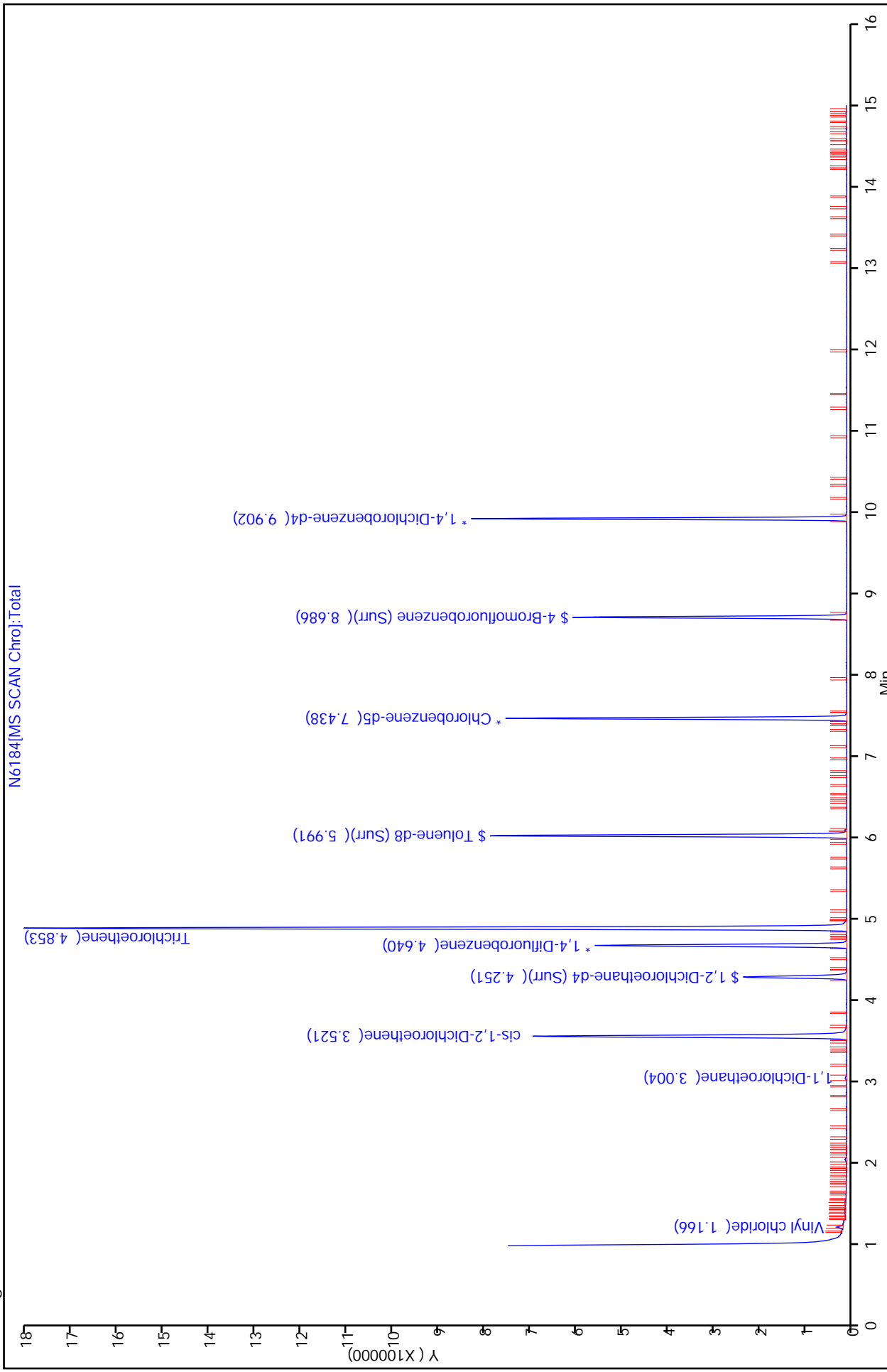
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Processing Flags

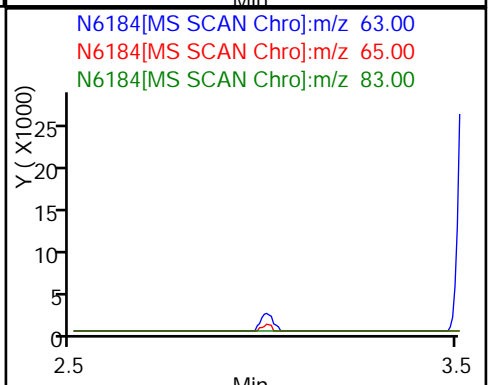
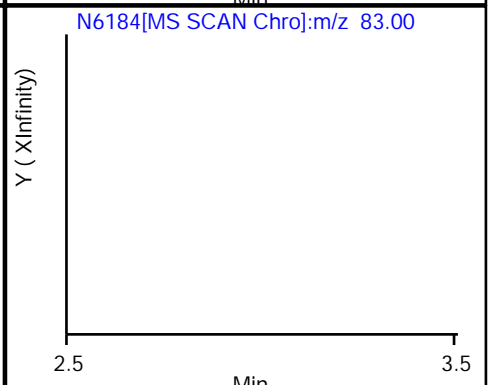
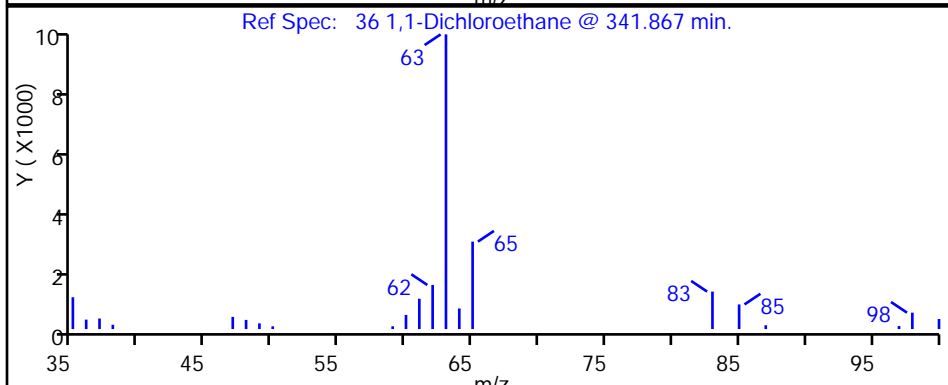
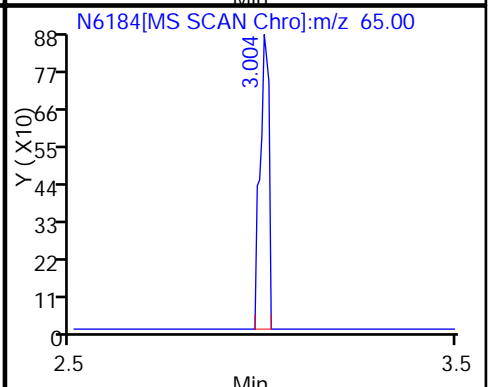
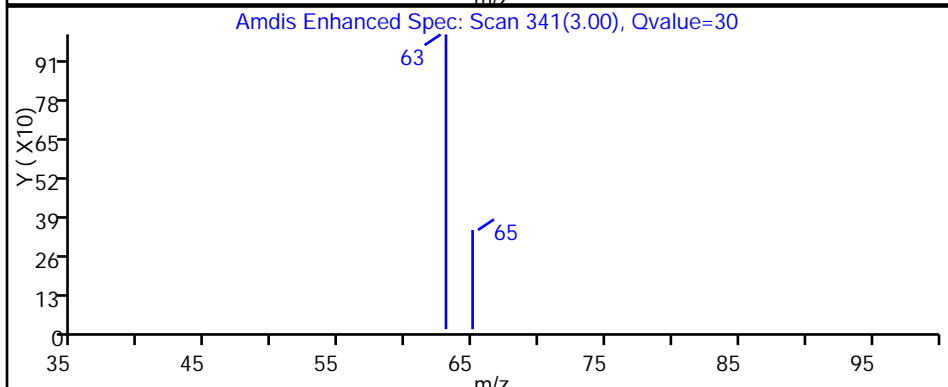
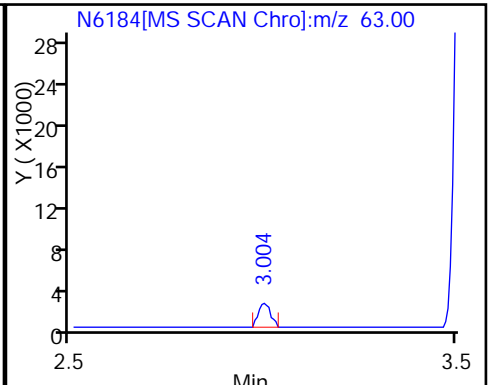
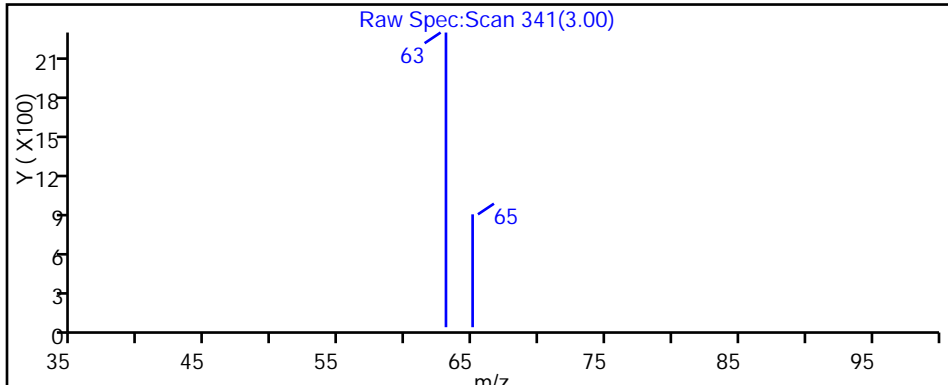
5 - Exceeded Maximum Amount

7 - Failed Limit of Detection

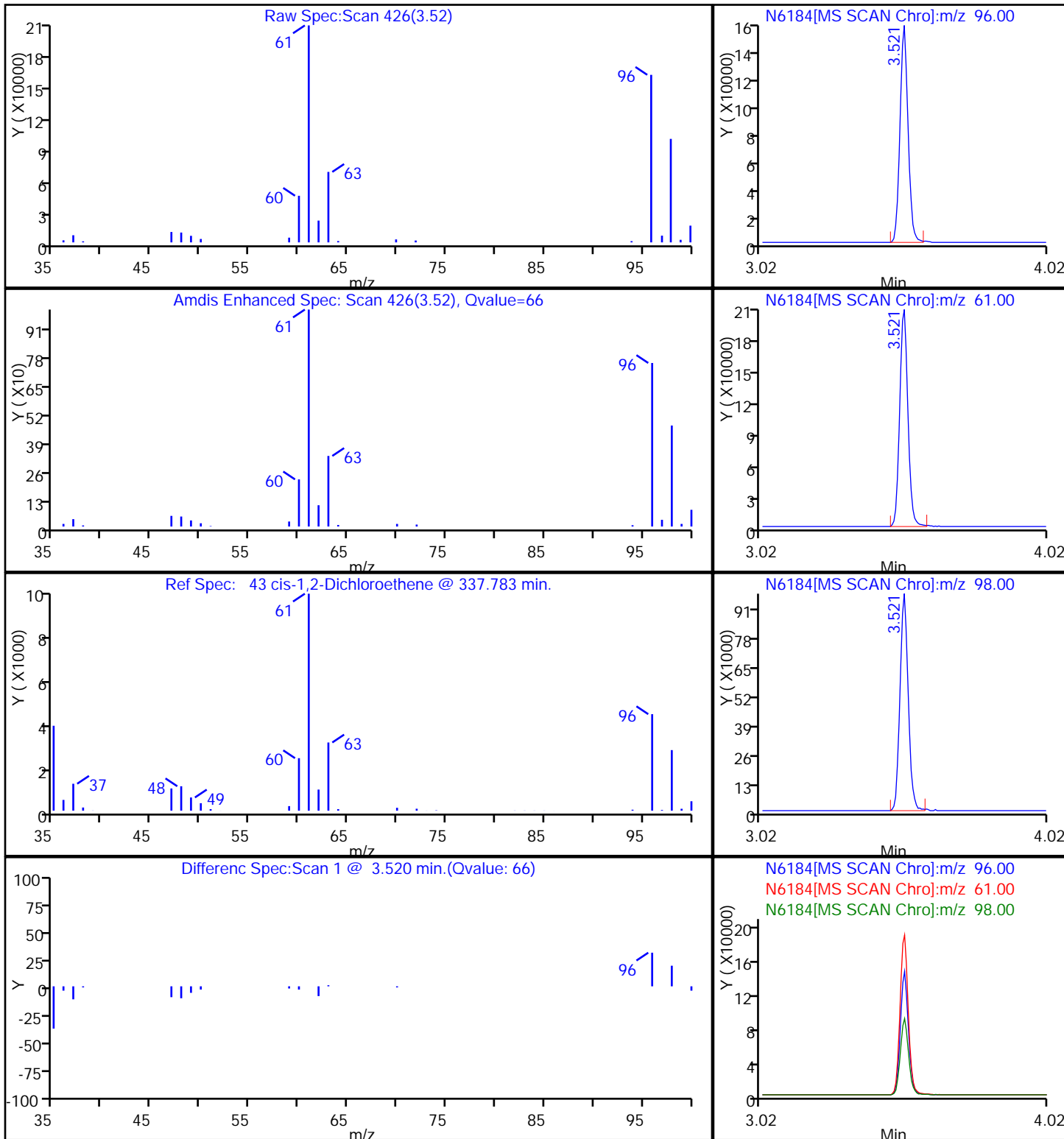
Report Date: 11-Apr-2011 09:25:09
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6184.D
 Injection Date: 10-Apr-2011 23:38:30
 Client ID: MW-8R
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 28



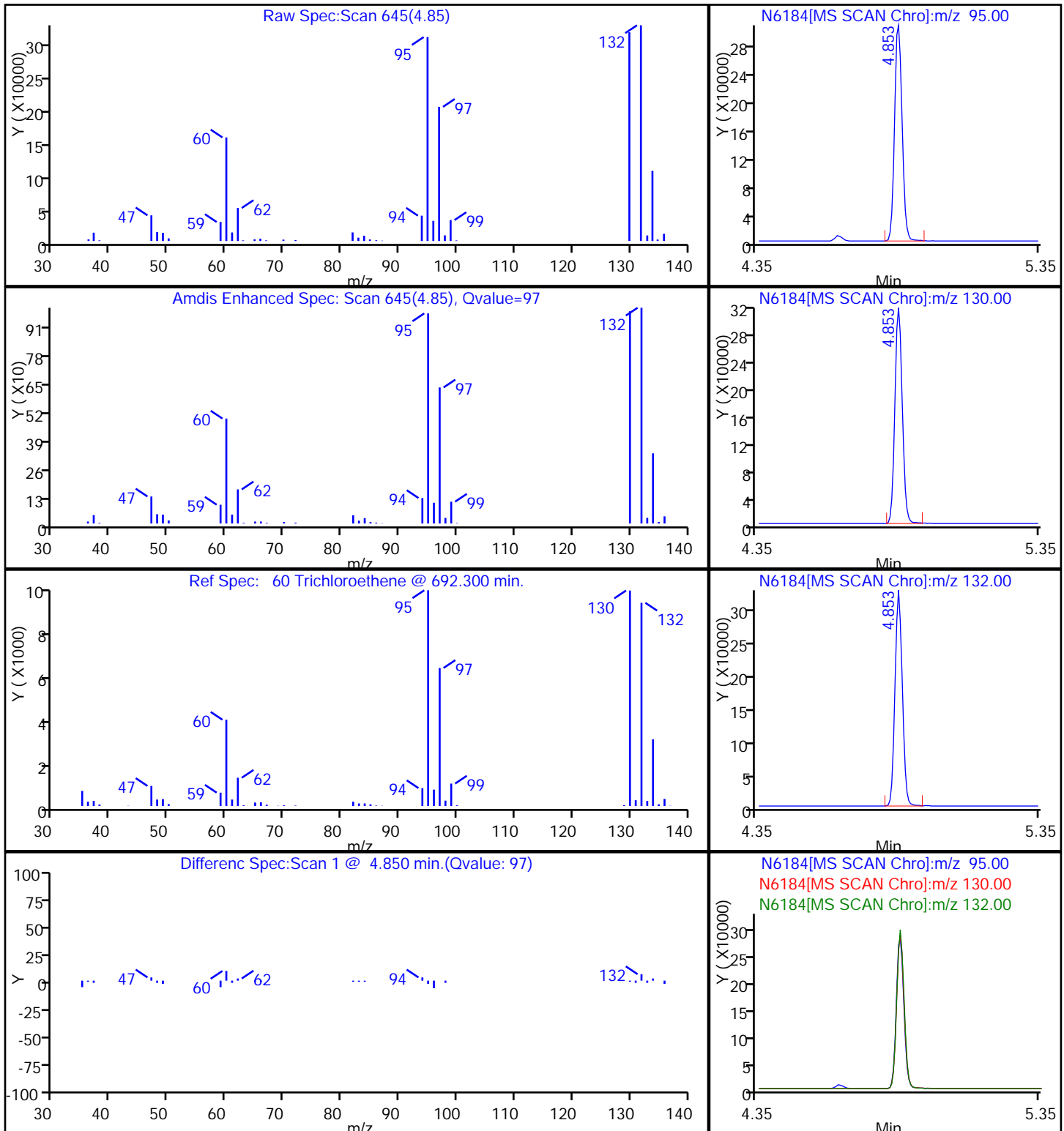
36 1,1-Dichloroethane



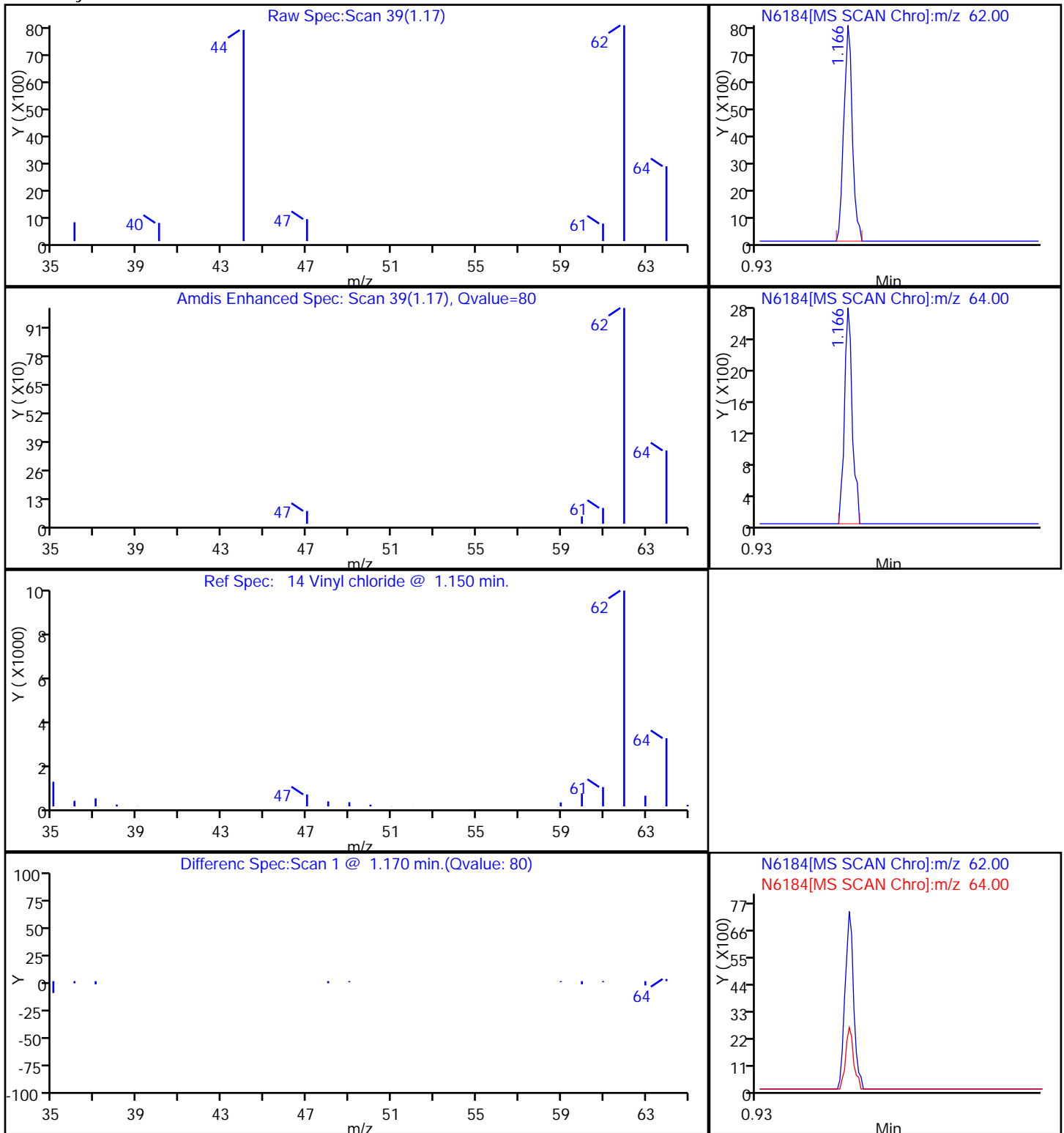
43 cis-1,2-Dichloroethene



60 Trichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-3471-17 DL
 Matrix: Ground Water Lab File ID: C9848.D
 Analysis Method: 8260B Date Collected: 04/06/2011 14:40
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 17:47
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2000	1600
79-34-5	1,1,2,2-Tetrachloroethane	ND		2000	420
79-00-5	1,1,2-Trichloroethane	ND		2000	460
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620
75-34-3	1,1-Dichloroethane	ND		2000	760
75-35-4	1,1-Dichloroethene	ND		2000	580
120-82-1	1,2,4-Trichlorobenzene	ND		2000	820
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2000	780
106-93-4	1,2-Dibromoethane	ND		2000	1500
95-50-1	1,2-Dichlorobenzene	ND		2000	1600
107-06-2	1,2-Dichloroethane	ND		2000	420
78-87-5	1,2-Dichloropropane	ND		2000	1400
541-73-1	1,3-Dichlorobenzene	ND		2000	1600
106-46-7	1,4-Dichlorobenzene	ND		2000	1700
591-78-6	2-Hexanone	ND		10000	2500
78-93-3	2-Butanone (MEK)	ND		20000	2600
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10000	4200
67-64-1	Acetone	ND		20000	6000
71-43-2	Benzene	ND		2000	820
75-27-4	Bromodichloromethane	ND		2000	780
75-25-2	Bromoform	ND		2000	520
74-83-9	Bromomethane	ND		2000	1400
75-15-0	Carbon disulfide	ND		2000	380
56-23-5	Carbon tetrachloride	ND		2000	540
108-90-7	Chlorobenzene	ND		2000	1500
124-48-1	Dibromochloromethane	ND		2000	640
75-00-3	Chloroethane	ND		2000	640
67-66-3	Chloroform	ND		2000	680
74-87-3	Chloromethane	ND		2000	700
156-59-2	cis-1,2-Dichloroethene	51000		2000	1600
10061-01-5	cis-1,3-Dichloropropene	ND		2000	720
110-82-7	Cyclohexane	ND		2000	360
75-71-8	Dichlorodifluoromethane	ND		2000	1400
100-41-4	Ethylbenzene	ND		2000	1500
98-82-8	Isopropylbenzene	ND		2000	1600

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-8R DL Lab Sample ID: 480-3471-17 DL
 Matrix: Ground Water Lab File ID: C9848.D
 Analysis Method: 8260B Date Collected: 04/06/2011 14:40
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 17:47
 Soil Aliquot Vol: _____ Dilution Factor: 2000
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2000	1000
1634-04-4	Methyl tert-butyl ether	ND		2000	320
108-87-2	Methylcyclohexane	ND		2000	320
75-09-2	Methylene Chloride	ND		2000	880
100-42-5	Styrene	ND		2000	1500
127-18-4	Tetrachloroethene	ND		2000	720
108-88-3	Toluene	ND		2000	1000
156-60-5	trans-1,2-Dichloroethene	ND		2000	1800
10061-02-6	trans-1,3-Dichloropropene	ND		2000	740
79-01-6	Trichloroethene	89000		2000	920
75-69-4	Trichlorofluoromethane	ND		2000	1800
75-01-4	Vinyl chloride	3300		2000	1800
1330-20-7	Xylenes, Total	ND		4000	1300

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		66-137
2037-26-5	Toluene-d8 (Surr)	94		71-126
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9848.D
 Lims ID: 480-3471-B-17 Client ID: MW-8R
 Inject. Date: 12-Apr-2011 17:47:30 Dil. Factor: 2000.0000
 Sample Type: Client
 Sample ID: 480-3471-B-17
 Misc. Info.: 480-0002205-018
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 41
 Lims Batch ID: 11663 Lims Sample ID: 18
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 17:18:31 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 19:36:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	540299	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	87	299931	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	95	285943	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	109776	25.3	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	591480	23.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	174034	20.5	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62	5.114	5.114	0.0	98	14769	1.64	
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96		6.858					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63		8.020					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	67	200551	25.3	
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95	9.716	9.716	0.0	98	330907	44.7	
64 Methylcyclohexane	83		9.870					

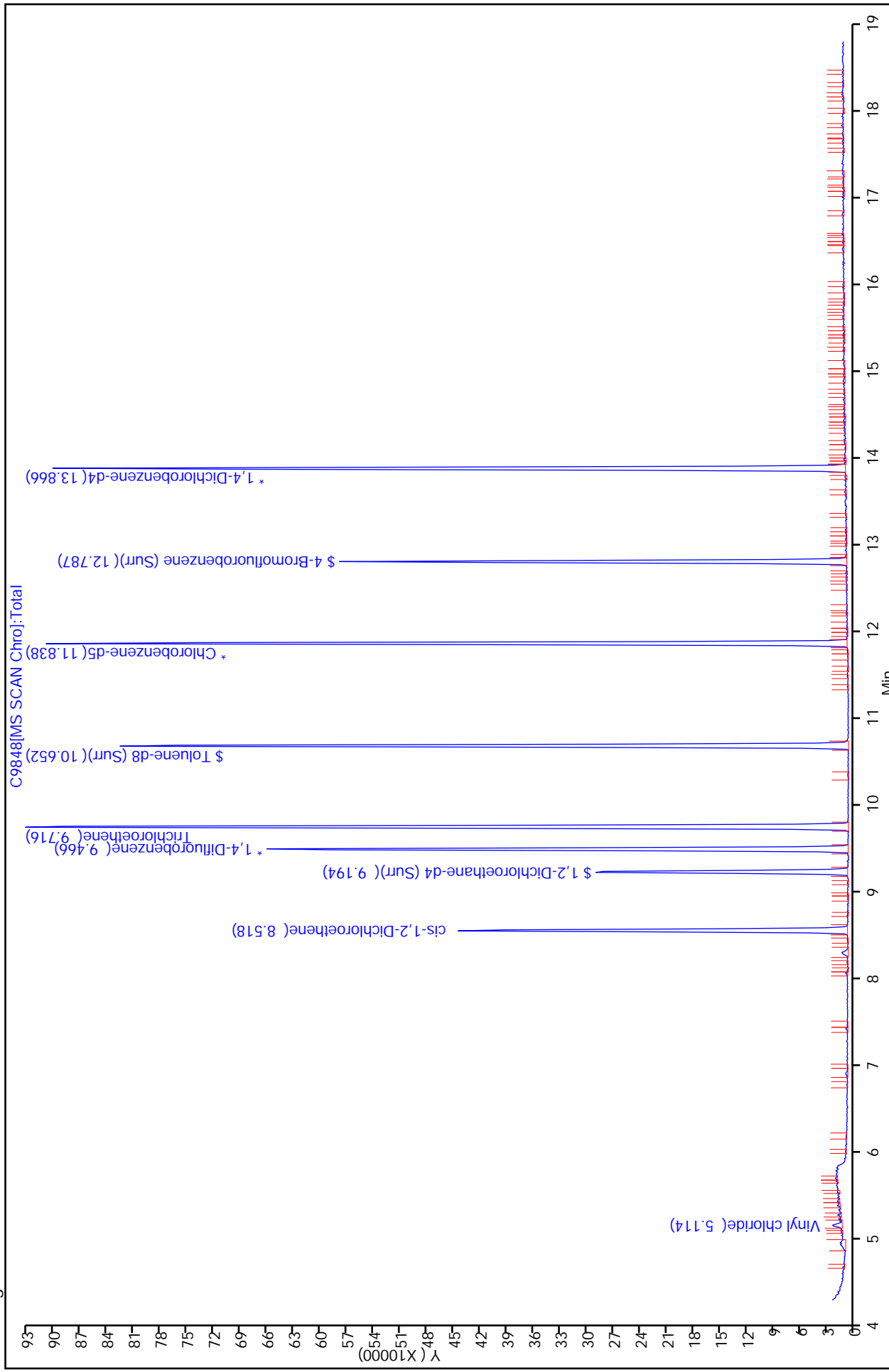
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

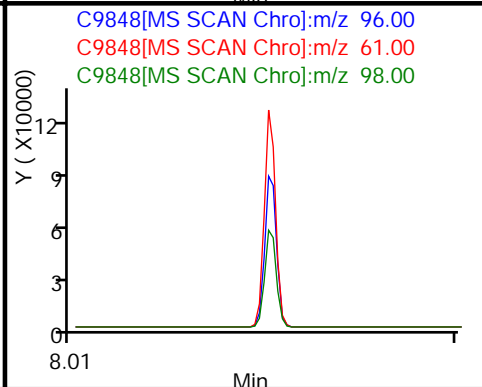
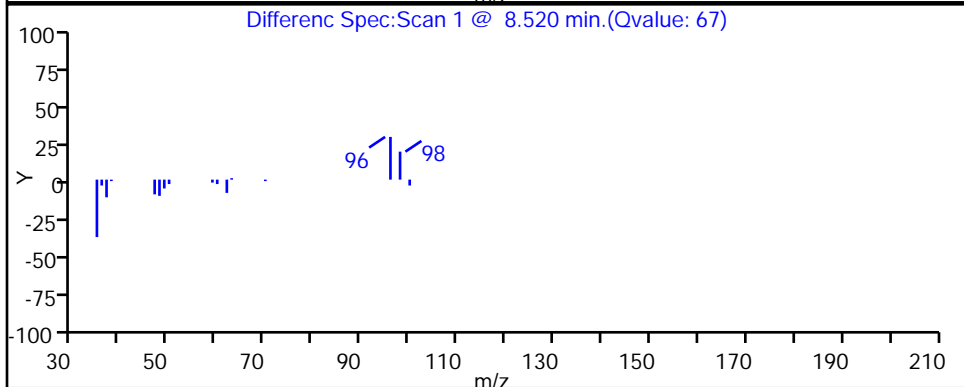
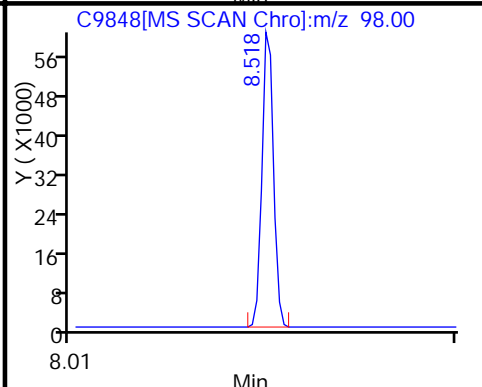
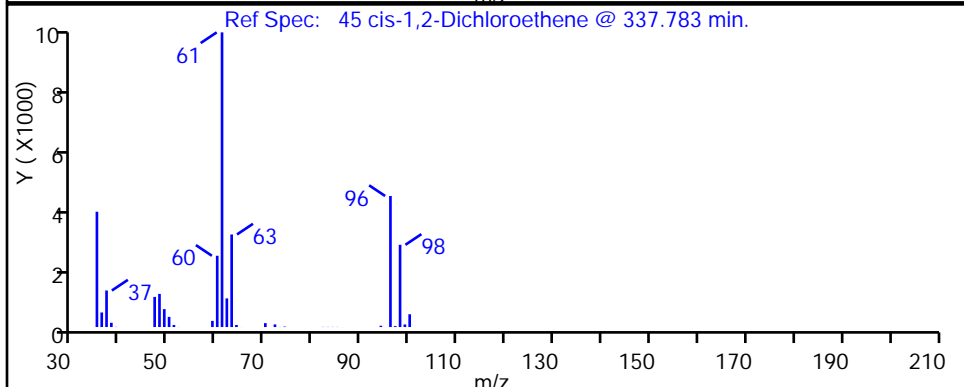
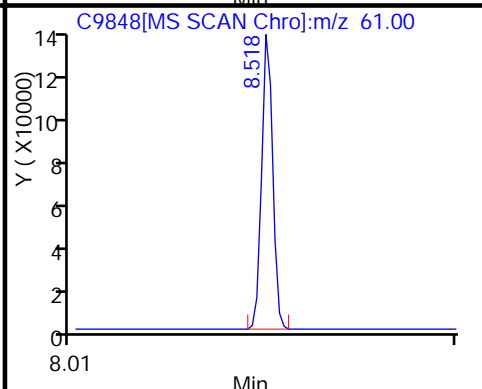
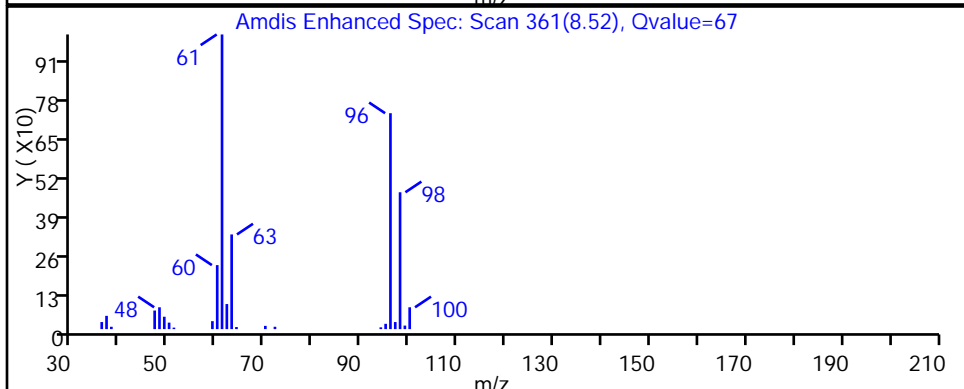
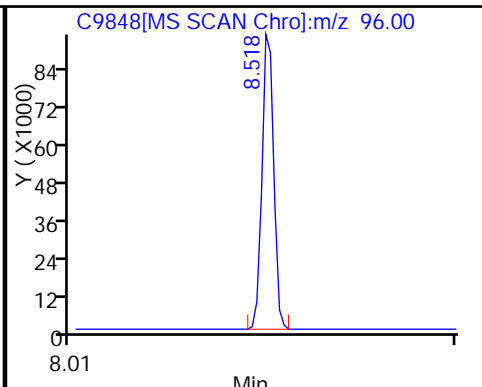
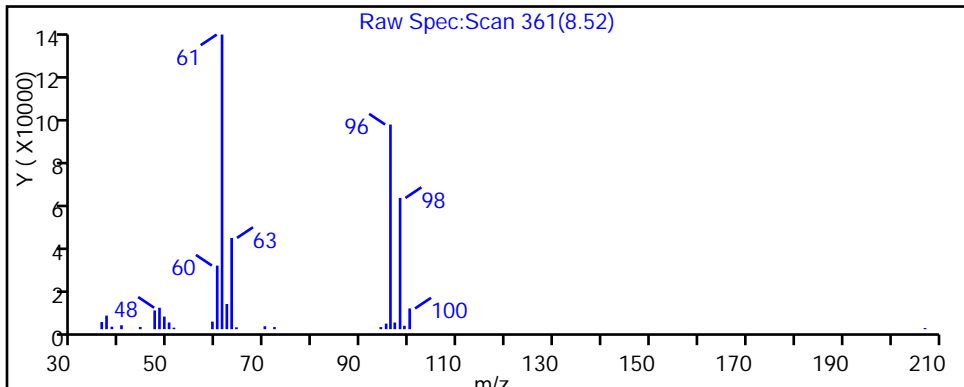
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7 - Failed Limit of Detection

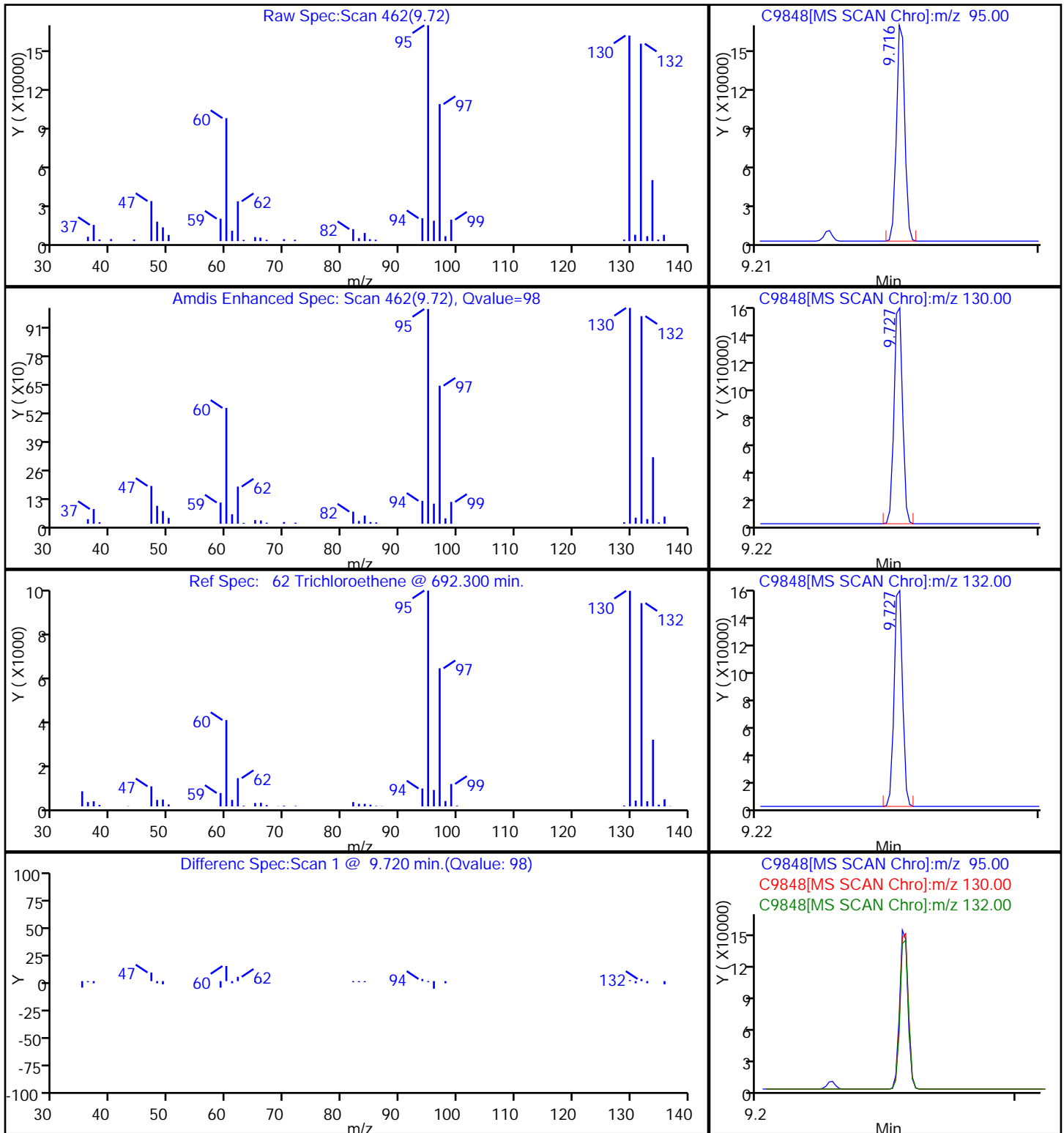
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 Client ID: MW-8R
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 18
 Y Scaling:



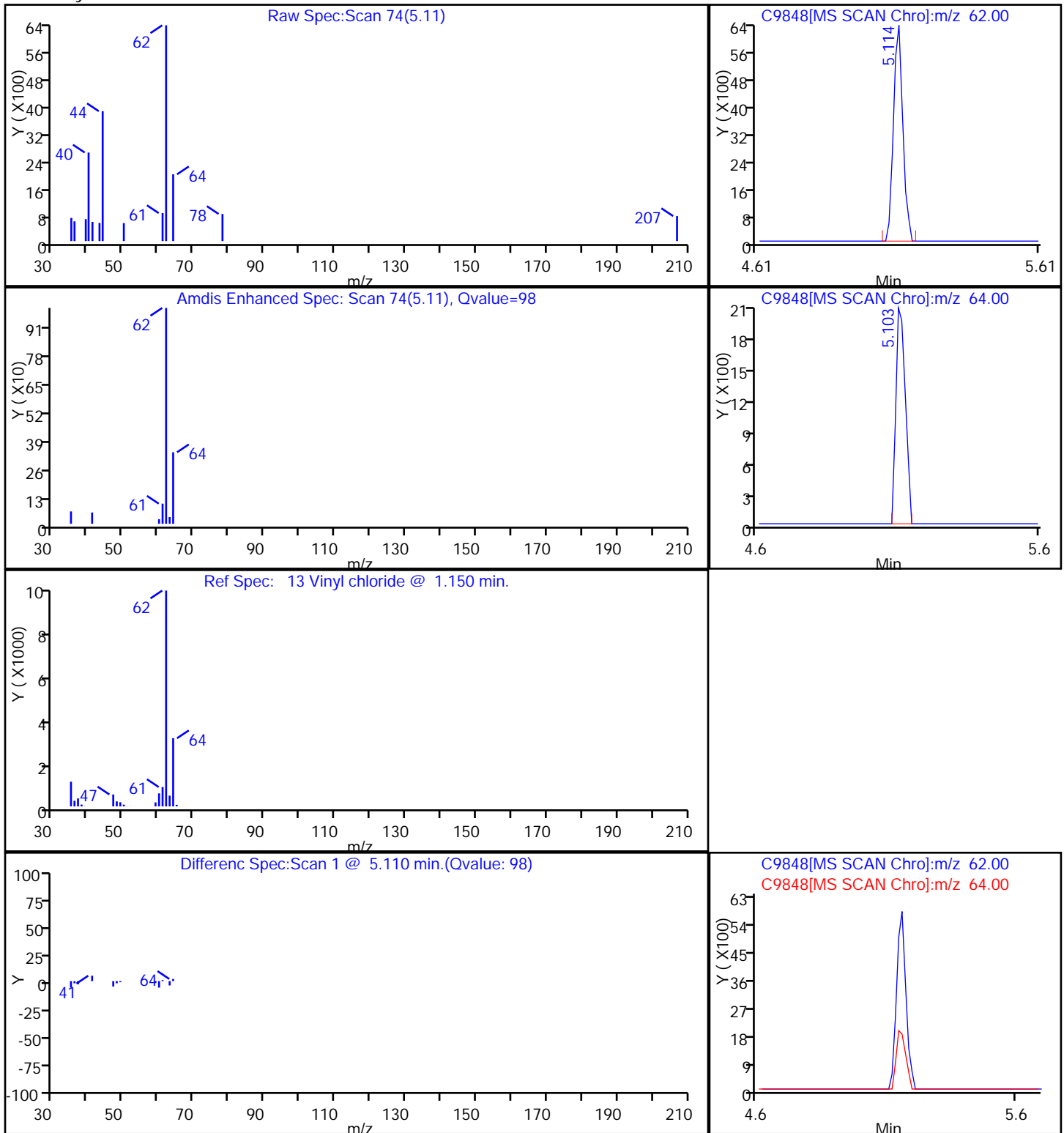
45 cis-1,2-Dichloroethene



62 Trichloroethene



13 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-9 Lab Sample ID: 480-3471-18
 Matrix: Ground Water Lab File ID: N6185.D
 Analysis Method: 8260B Date Collected: 04/04/2011 15:55
 Sample wt/vol: 1(uL) Date Analyzed: 04/11/2011 00:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	78		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	2.3		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	17		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	21		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: MW-9 Lab Sample ID: 480-3471-18
 Matrix: Ground Water Lab File ID: N6185.D
 Analysis Method: 8260B Date Collected: 04/04/2011 15:55
 Sample wt/vol: 1(uL) Date Analyzed: 04/11/2011 00:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	34		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6185.D
 Lims ID: 480-3471-A-18 Client ID: MW-9
 Inject. Date: 11-Apr-2011 00:01:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-A-18
 Misc. Info.: 480-0002160-029
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 29
 Lims Batch ID: 11454 Lims Sample ID: 29
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: Hilll

Date: 11-Apr-2011 09:25:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	439667	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	84	387088	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	199735	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	177121	30.6	
\$ 6 Toluene-d8 (Surr)	98	5.997	5.991	0.006	91	476453	25.2	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	157594	26.2	
11 Dichlorodifluoromethane	85		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62	1.166	1.172	-0.006	81	134371	33.7	
15 Bromomethane	94		1.373					
16 Chloroethane	64	1.428	1.428	0.0	98	35244	16.6	
18 Trichlorofluoromethane	101		1.629					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
25 Carbon disulfide	76		2.182					
28 Methyl acetate	43		2.340					
30 Methylene Chloride	84		2.438					
33 trans-1,2-Dichloroethene	96	2.632	2.626	0.006	44	3153	0.6689	
32 Methyl tert-butyl ether	73		2.632					
36 1,1-Dichloroethane	63	3.003	3.004	-0.001	82	689503	78.4	
43 cis-1,2-Dichloroethene	96	3.514	3.521	-0.007	66	106119	20.5	
44 2-Butanone (MEK)	43		3.557					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	35	3382	0.6069	
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
55 Benzene	78		4.257					
57 1,2-Dichloroethane	62	4.324	4.318	0.006	98	15426	2.31	
60 Trichloroethene	95		4.853					
62 Methylcyclohexane	83		4.975					

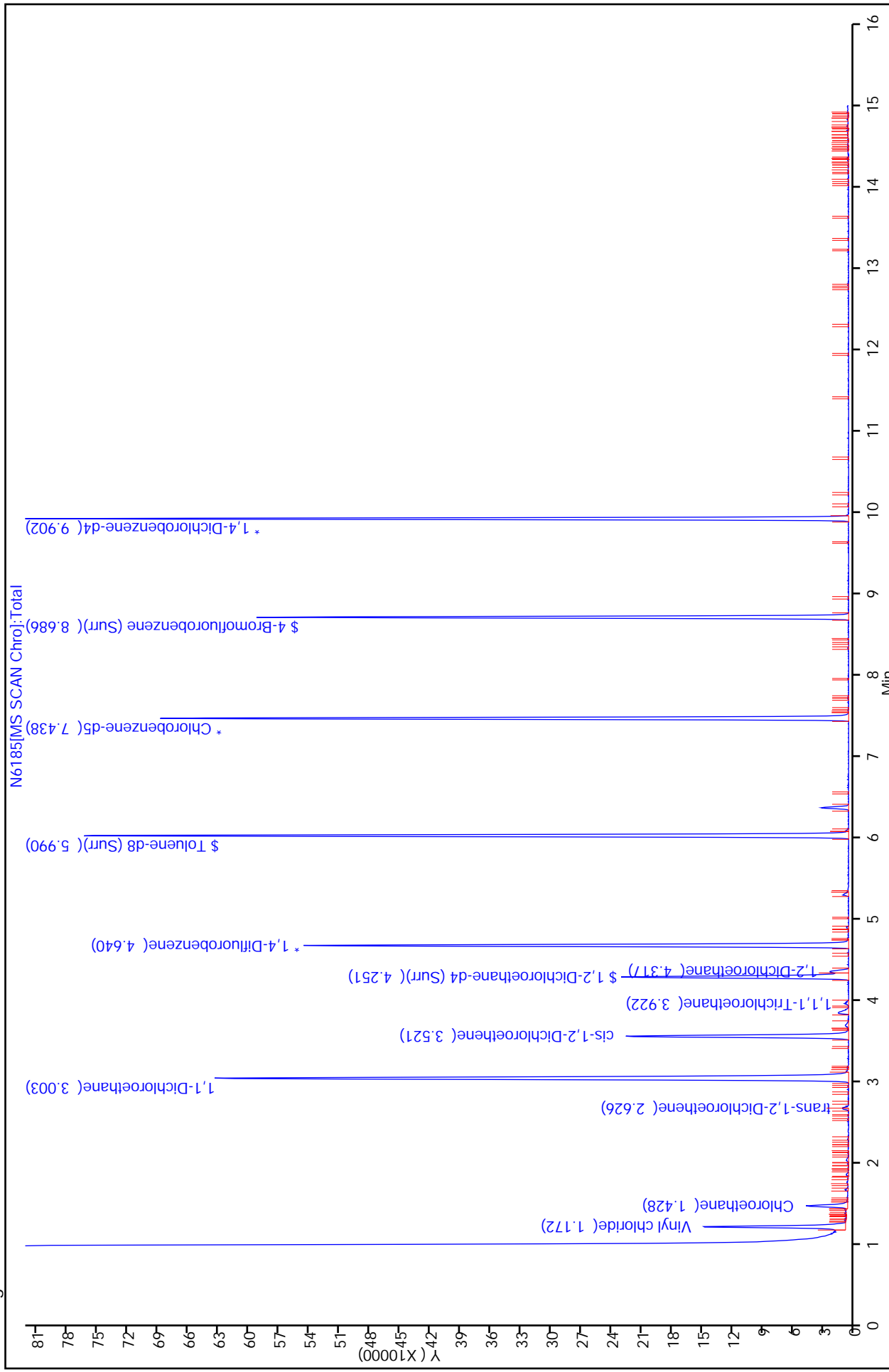
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
63 1,2-Dichloropropane	63		5.072					
67 Dichlorobromomethane	83		5.370					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
75 trans-1,3-Dichloropropene	75		6.343					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
95 Isopropylbenzene	105		8.503					
98 1,1,2,2-Tetrachloroethane	83		8.923					
110 1,3-Dichlorobenzene	146		9.829					
113 1,4-Dichlorobenzene	146		9.927					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
119 1,2,4-Trichlorobenzene	180		11.752					
S 126 Xylenes, Total	1		30.000					7

QC Flag Legend

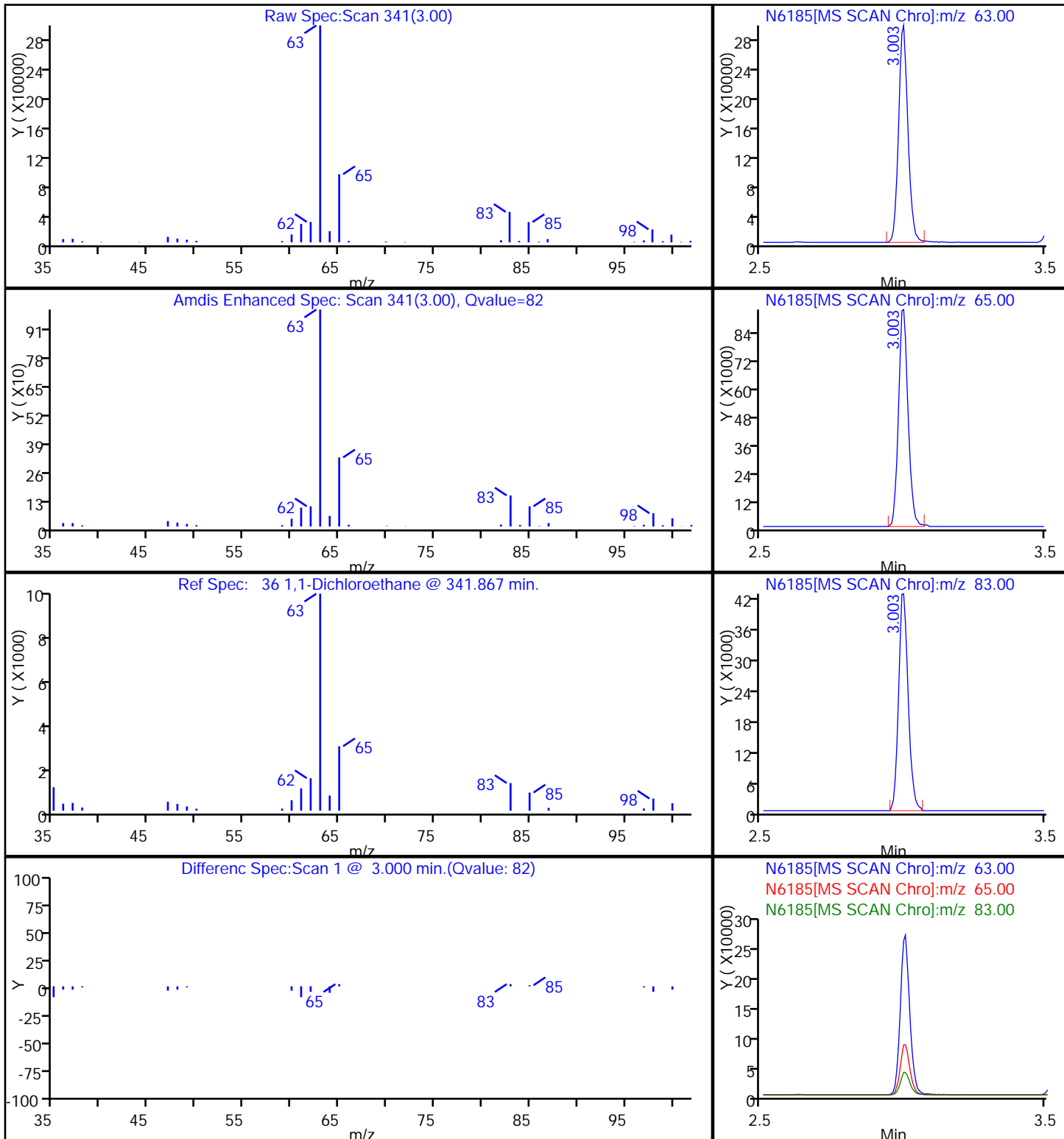
Processing Flags

7 - Failed Limit of Detection

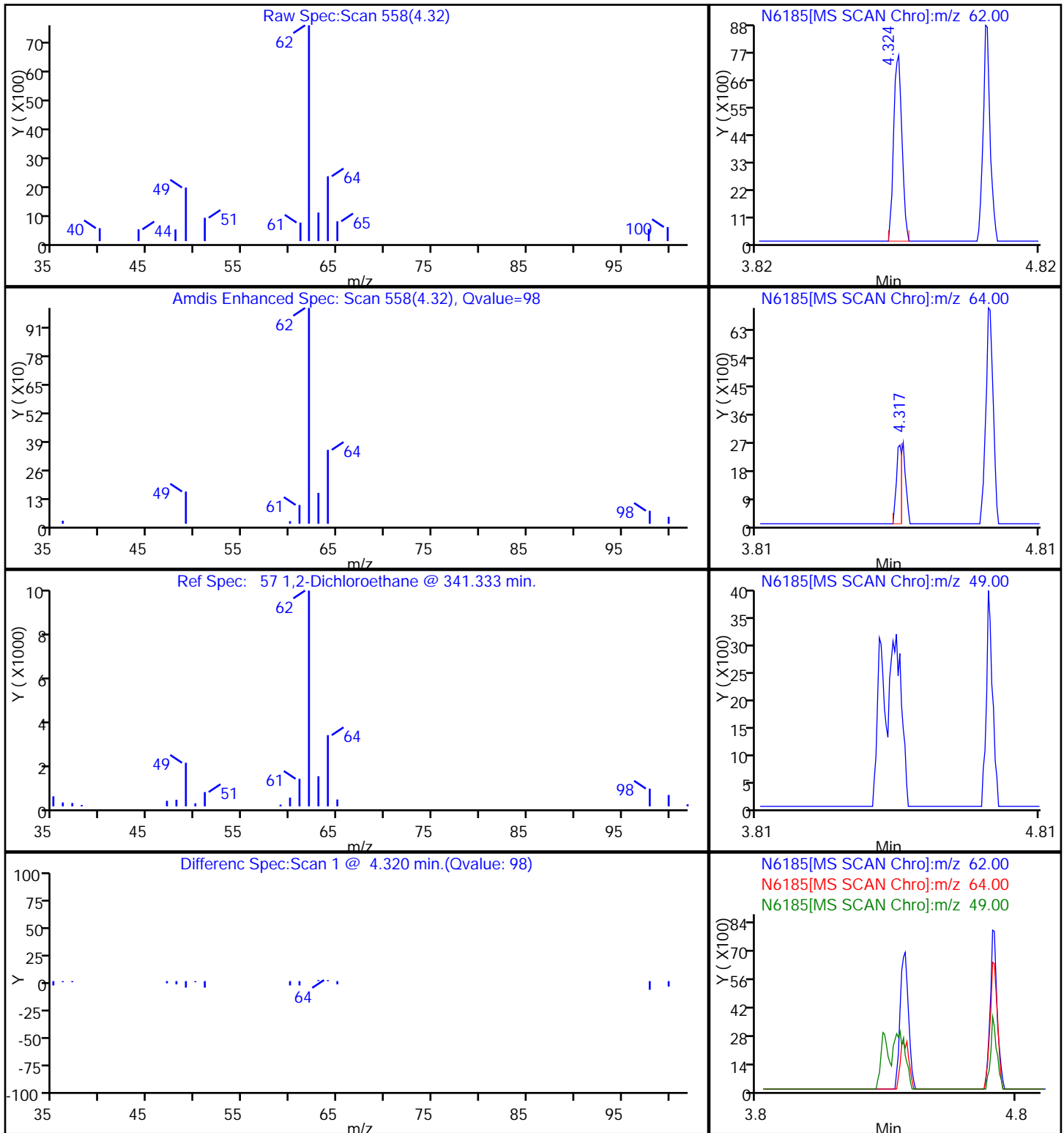
Report Date: 11-Apr-2011 09:25:21
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6185.D
 Injection Date: 11-Apr-2011 00:01:30
 Client ID: MW-9
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 29



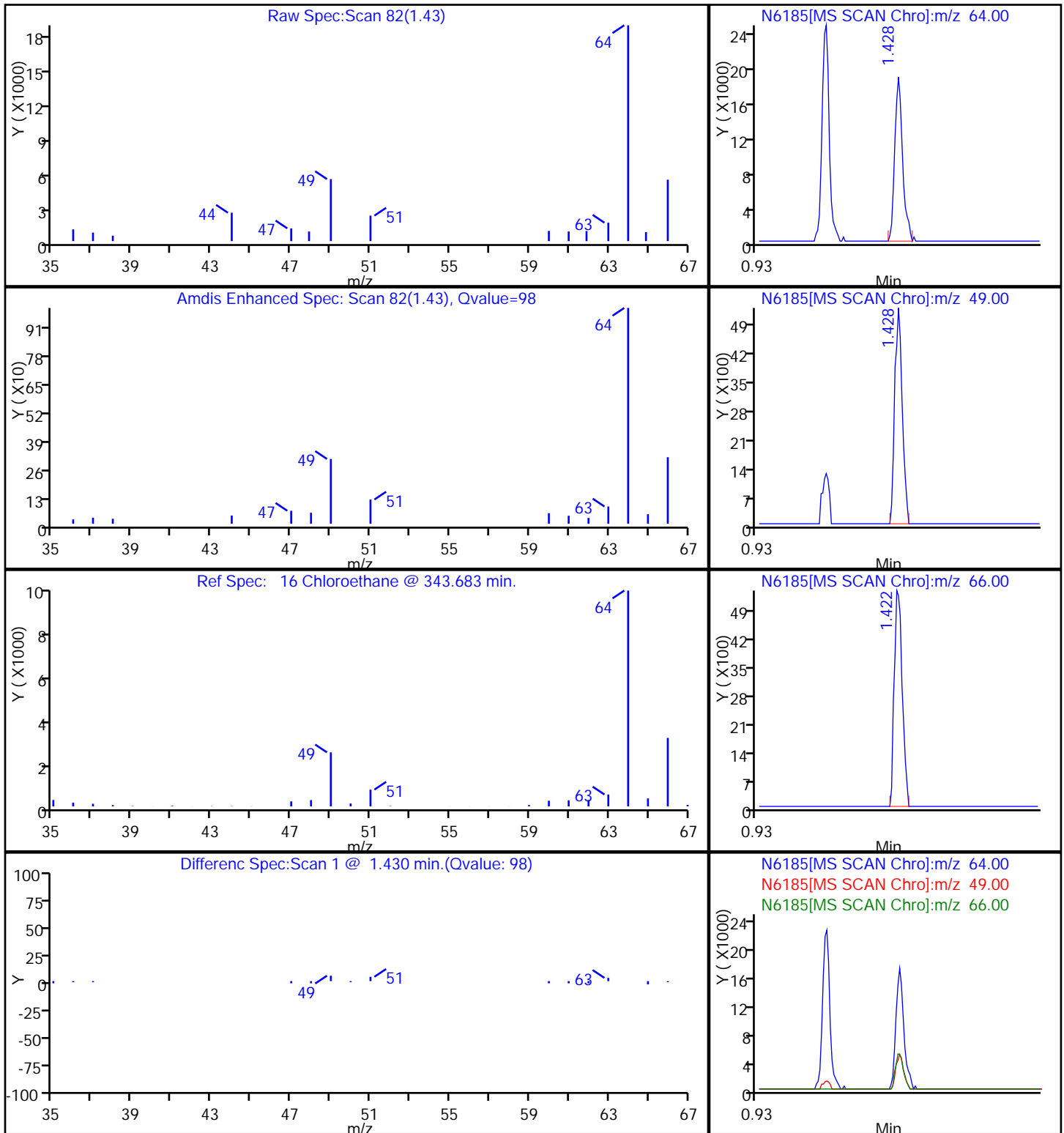
36 1,1-Dichloroethane



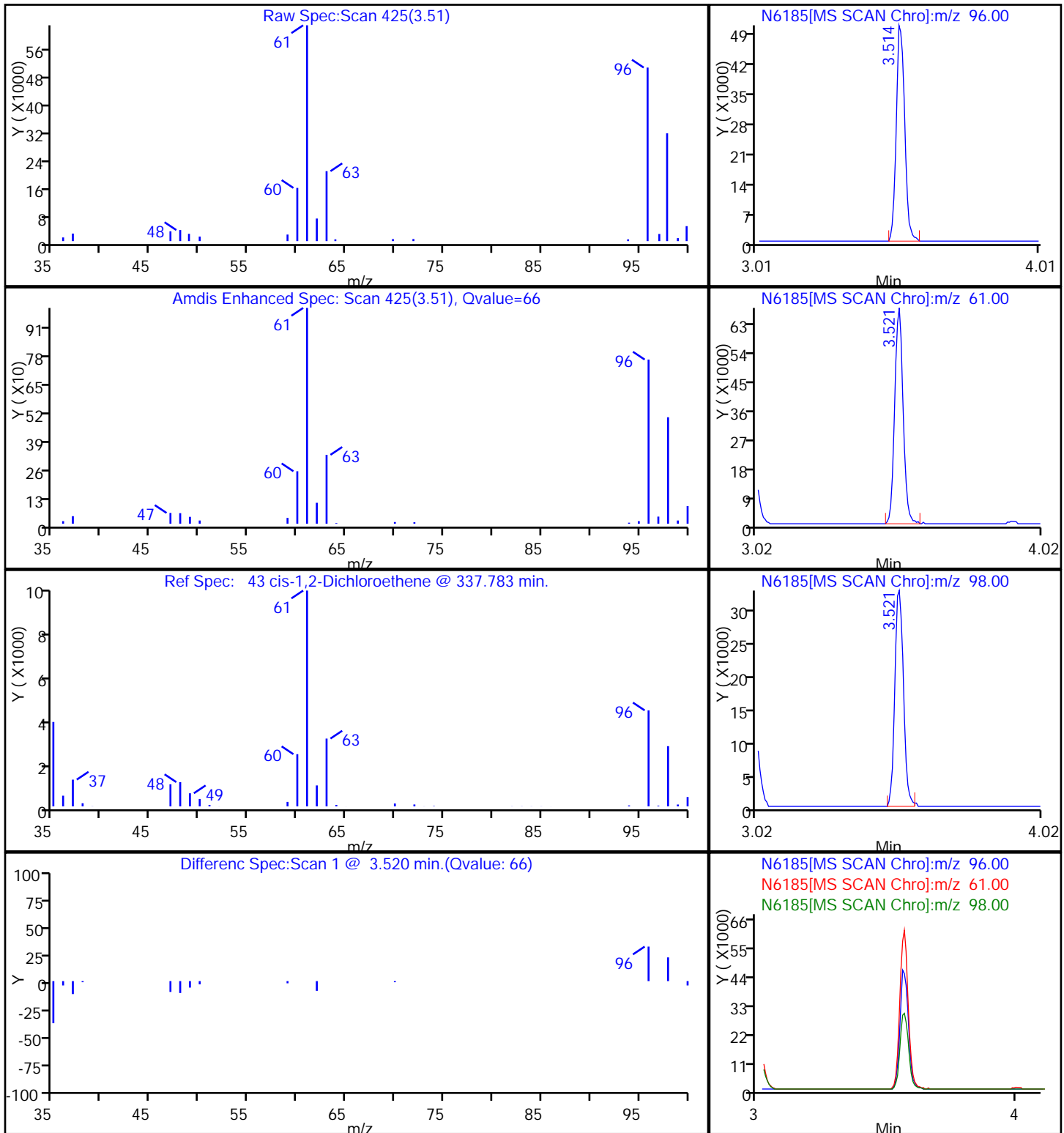
57 1,2-Dichloroethane



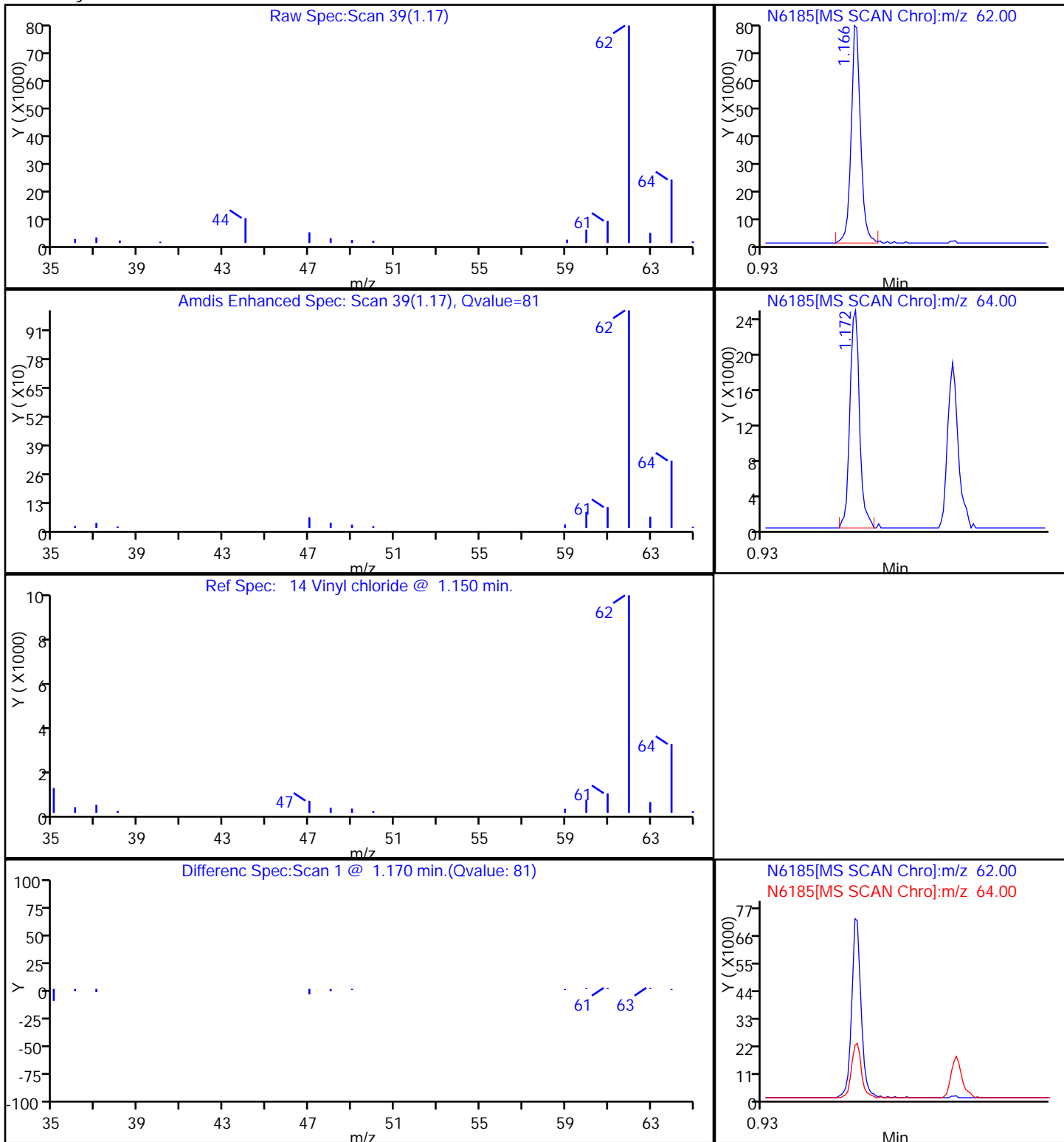
16 Chloroethane



43 cis-1,2-Dichloroethene



14 Vinyl chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: Rinse Blank Lab Sample ID: 480-3471-19
 Matrix: Water Lab File ID: C9849.D
 Analysis Method: 8260B Date Collected: 04/06/2011 15:15
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 18:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: Rinse Blank Lab Sample ID: 480-3471-19
 Matrix: Water Lab File ID: C9849.D
 Analysis Method: 8260B Date Collected: 04/06/2011 15:15
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 18:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
2037-26-5	Toluene-d8 (Surr)	93		71-126
460-00-4	4-Bromofluorobenzene (Surr)	82		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9849.D
 Lims ID: 480-3471-B-19 Client ID: Rinse Blank
 Inject. Date: 12-Apr-2011 18:12:30 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 480-3471-B-19
 Misc. Info.: 480-0002205-019
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 42
 Lims Batch ID: 11663 Lims Sample ID: 19
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 17:18:31 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: diasn

Date: 12-Apr-2011 19:36:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	95	523304	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	290516	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	275974	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.193	9.194	-0.001	0	107181	25.5	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	95	571133	23.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	89	169116	20.6	
10 Dichlorodifluoromethane	85		4.474					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62		5.114					
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
17 Trichlorofluoromethane	101		6.217					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96		6.858					
23 Acetone	43		6.905					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
30 Methylene Chloride	84		7.379					
32 Methyl tert-butyl ether	73		7.557					
34 trans-1,2-Dichloroethene	96		7.628					
39 1,1-Dichloroethane	63		8.020					
43 2-Butanone (MEK)	43		8.470					
45 cis-1,2-Dichloroethene	96		8.518					
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
55 Carbon tetrachloride	117		9.075					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
62 Trichloroethene	95		9.716					
64 Methylcyclohexane	83		9.870					

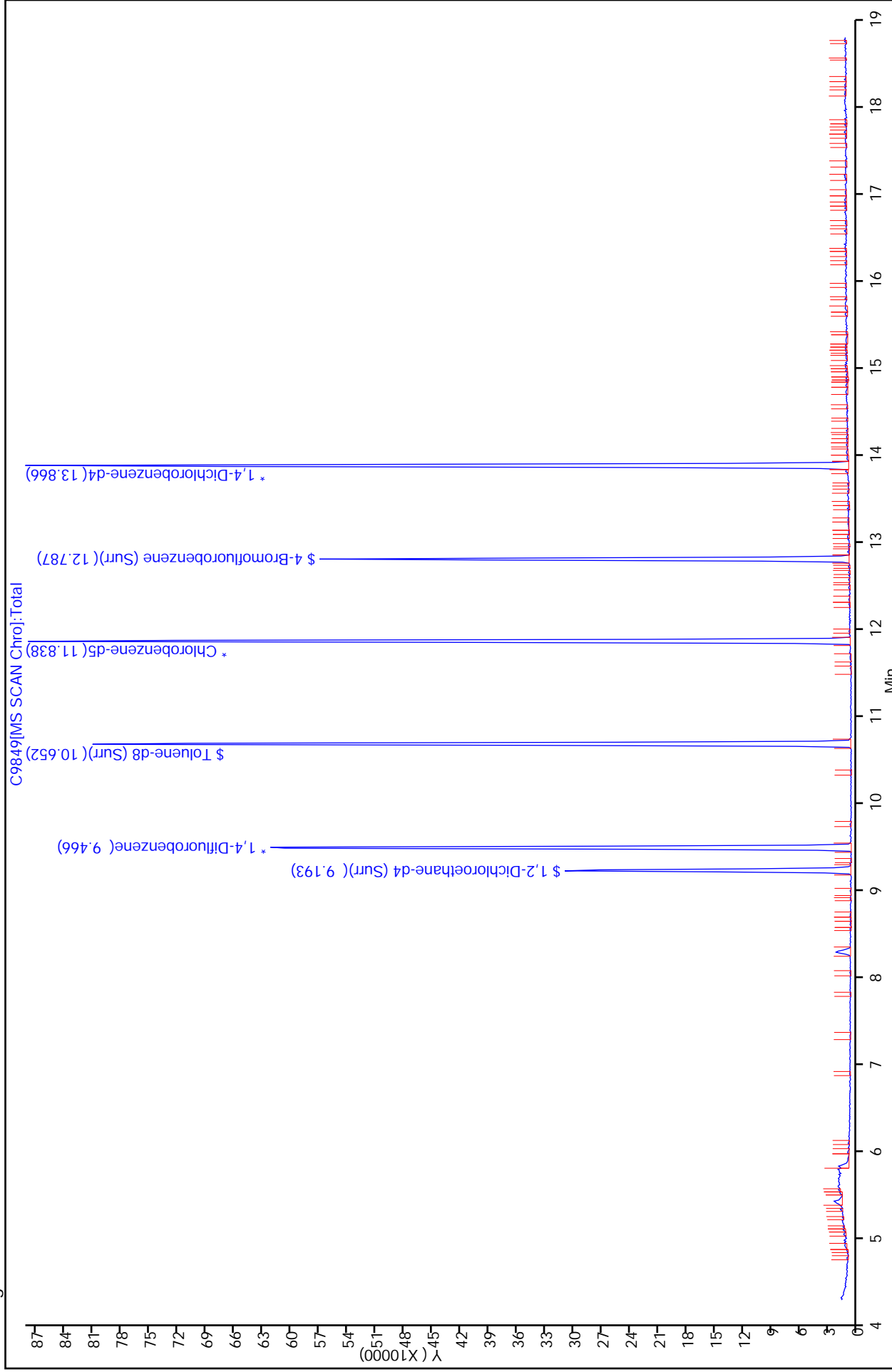
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
65 1,2-Dichloropropane	63		9.929					
68 Dichlorobromomethane	83		10.119					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
77 trans-1,3-Dichloropropene	75		10.854					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
87 Chlorobenzene	112		11.862					
88 Ethylbenzene	91		11.874					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
97 1,1,2,2-Tetrachloroethane	83		12.858					
111 1,3-Dichlorobenzene	146		13.807					
113 1,4-Dichlorobenzene	146		13.890					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
119 1,2,4-Trichlorobenzene	180		16.250					
S 124 Xylenes, Total	1		30.000					7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 12-Apr-2011 19:36:34
 Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9849.D
 Injection Date: 12-Apr-2011 18:12:30
 Client ID: Rinse Blank
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 19



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-9035/2	C9217.D
Level 2	STD 480-9035/3	C9218.D
Level 3	STD 480-9035/4	C9219.D
Level 4	STD 480-9035/5	C9220.D
Level 5	STD 480-9035/6	C9221.D
Level 6	STD 480-9035/7	C9222.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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3264 0.3019	0.3174	0.3019	0.2920	0.2947	Ave		0.3057			4.4		15.0				
Chloromethane	0.5381 0.3537	0.4176	0.3968	0.3701	0.3504	Lin1F		0.3599		0.1000				0.9960			0.9900
Vinyl chloride	0.4889 0.3827	0.4306	0.4226	0.3952	0.3814	Ave		0.4169			9.8		30.0				
Bromomethane	0.4963 0.2488	0.3025	0.2622	0.2491	0.2345	Lin1F		0.2485						0.9910			0.9900
Chloroethane	0.3077 0.2218	0.2579	0.2477	0.2371	0.2233	Ave		0.2493			13.0		15.0				
Trichlorofluoromethane	0.5220 0.4584	0.4772	0.4741	0.4653	0.4523	Ave		0.4749			5.2		15.0				
Acrolein	0.0260 0.0264	0.0276	0.0279	0.0272	0.0261	Ave		0.0269			3.0		15.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3044 0.3029	0.3232	0.3092	0.3098	0.3014	Ave		0.3085			2.6		15.0				
1,1-Dichloroethene	0.3532 0.2734	0.3072	0.2986	0.2855	0.2709	Ave		0.2982			10.0		30.0				
Acetone	0.1368 0.1066	0.1236	0.1196	0.1153	0.1075	Ave		0.1182			9.5		15.0				
Iodomethane	0.4334 0.4020	0.4231	0.4129	0.4067	0.4002	Ave		0.4130			3.1		15.0				
Carbon disulfide	1.0338 0.9521	1.0316	1.0081	0.9825	0.9493	Ave		0.9929			3.8		15.0				
Methyl acetate	0.3416 0.3286	0.3320	0.3468	0.3402	0.3221	Ave		0.3352			2.8		15.0				
Acetonitrile	0.0266 0.0239	0.0281	0.0270	0.0259	0.0244	Ave		0.0260			6.2		15.0				
Methylene Chloride	0.4627 0.3210	0.3616	0.3404	0.3335	0.3234	Ave		0.3571			15.0		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

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 3	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	0.9295 0.9576	0.9683	0.9704	0.9670	0.9414	Ave		0.9557			1.8		15.0				
Acrylonitrile	0.1343 0.1310	0.1402	0.1380	0.1360	0.1308	Ave		0.1351			2.8		15.0				
trans-1,2-Dichloroethene	0.3940 0.3120	0.3429	0.3295	0.3168	0.3091	Ave		0.3340			9.6		15.0				
Vinyl acetate	0.4648 0.6024	0.4927	0.5319	0.5740	0.5821	Ave		0.5413			10.0		15.0				
1,1-Dichloroethane	0.6795 0.5538	0.5782	0.5664	0.5542	0.5533	Ave		0.5809		0.1000	8.5		15.0				
2-Butanone (MEK)	0.1876 0.1632	0.1764	0.1735	0.1676	0.1626	Ave		0.1718			5.5		15.0				
2,2-Dichloropropane	0.4479 0.3998	0.3560	0.3589	0.3725	0.3880	Ave		0.3872			8.8		15.0				
cis-1,2-Dichloroethene	0.4645 0.3401	0.3713	0.3480	0.3433	0.3376	Ave		0.3675			13.0		15.0				
Bromochloromethane	0.2057 0.1668	0.1725	0.1718	0.1657	0.1652	Ave		0.1746			8.9		15.0				
Chloroform	0.7783 0.5626	0.6075	0.5835	0.5775	0.5656	Ave		0.6125			14.0		30.0				
Tetrahydrofuran	0.1058 0.1028	0.1111	0.1072	0.1059	0.1014	Ave		0.1057			3.2		15.0				
1,1,1-Trichloroethane	0.5198 0.4710	0.4606	0.4554	0.4569	0.4634	Ave		0.4712			5.2		15.0				
Cyclohexane	0.5743 0.5514	0.5988	0.5720	0.5660	0.5500	Ave		0.5687			3.2		15.0				
1,1-Dichloropropene	0.5050 0.4131	0.4426	0.4263	0.4215	0.4111	Ave		0.4366			8.1		15.0				
Carbon tetrachloride	0.3660 0.3849	0.3518	0.3499	0.3564	0.3692	Ave		0.3630			3.6		15.0				
Benzene	1.4757 1.1846	1.3020	1.2354	1.2073	1.1898	Ave		1.2658			8.8		15.0				
1,2-Dichloroethane	0.5759 0.4599	0.4958	0.4826	0.4686	0.4613	Ave		0.4907			9.0		15.0				
Trichloroethene	0.4164 0.3190	0.3481	0.3293	0.3187	0.3217	Ave		0.3422			11.0		15.0				
Methylcyclohexane	0.5143 0.5323	0.5659	0.5494	0.5435	0.5285	Ave		0.5390			3.3		15.0				
1,2-Dichloropropane	0.3528 0.3070	0.3204	0.3041	0.3129	0.3084	Ave		0.3176			5.7		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Buffalo

Job No.: 480-3471-1

Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C

GC Column: ZB-624 (30) ID: 0.53(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50

Calibration End Date: 03/21/2011 18:57

Calibration ID: 1008

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 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.2507 0.2116	0.2103	0.2173	0.2152	0.2084	Ave		0.2189			7.3		15.0				
Bromodichloromethane	0.4834 0.4228	0.3974	0.3944	0.3998	0.4113	Ave		0.4182			8.0		15.0				
2-Chloroethyl vinyl ether	0.1621 0.1753	0.1713	0.1733	0.1753	0.1714	Ave		0.1715			2.9		15.0				
cis-1,3-Dichloropropene	0.4507 0.4685	0.4029	0.4180	0.4414	0.4562	Ave		0.4396			5.6		15.0				
4-Methyl-2-pentanone (MIBK)	0.5945 0.6280	0.6424	0.6544	0.6455	0.6200	Ave		0.6308			3.4		15.0				
Toluene	1.7076 1.3514	1.4205	1.3876	1.3714	1.3494	Ave		1.4313			9.6		30.0				
Ethyl methacrylate	0.5076 0.7332	0.5717	0.6022	0.6600	0.6850	Ave		0.6266			13.0		15.0				
trans-1,3-Dichloropropene	0.6888 0.8025	0.6221	0.6719	0.7106	0.7536	Ave		0.7083			8.9		15.0				
1,1,2-Trichloroethane	0.5054 0.4384	0.4522	0.4548	0.4358	0.4327	Ave		0.4532			6.0		15.0				
2-Hexanone	0.3947 0.4433	0.4476	0.4544	0.4518	0.4374	Ave		0.4382			5.1		15.0				
Tetrachloroethene	0.7017 0.5993	0.6219	0.5993	0.5820	0.5856	Ave		0.6150			7.3		15.0				
1,3-Dichloropropane	1.0354 0.8618	0.9089	0.8934	0.8752	0.8496	Ave		0.9041			7.5		15.0				
Dibromochloromethane	0.5658 0.5633	0.4846	0.4828	0.5167	0.5331	Ave		0.5244			7.0		15.0				
1,2-Dibromoethane	0.5916 0.5491	0.5111	0.5260	0.5322	0.5395	Ave		0.5416			5.1		15.0				
Chlorobenzene	1.8309 1.4662	1.5807	1.5184	1.4915	1.4615	Ave		1.5582		0.3000	9.0		15.0				
Ethylbenzene	3.3403 2.6038	2.7390	2.7277	2.6419	2.6170	Ave		2.7783			10.0		30.0				
1,1,1,2-Tetrachloroethane	0.4580 0.5298	0.4454	0.4426	0.4703	0.4960	Ave		0.4737			7.1		15.0				
m,p-Xylene	1.2297 1.0226	1.0821	1.0647	1.0333	1.0229	Ave		1.0759			7.4		15.0				
o-Xylene	1.1499 1.0254	1.0583	1.0458	1.0316	1.0192	Ave		1.0550			4.6		15.0				
Styrene	1.7177 1.6281	1.5389	1.5675	1.5823	1.6068	Ave		1.6069			3.9		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo

Job No.: 480-3471-1

Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C

GC Column: ZB-624 (30) ID: 0.53 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50

Calibration End Date: 03/21/2011 18:57

Calibration ID: 1008

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 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	3.1302 2.7063	2.8085	2.7326	2.7237	2.6824	Ave		2.7973			6.0		15.0				
Bromoform	0.2970 0.3816	0.2702	0.2945	0.3185	0.3475	Ave		0.3182		0.1000	13.0		15.0				
1,1,2,2-Tetrachloroethane	0.8311 0.7455	0.7544	0.7425	0.7425	0.7401	Ave		0.7593		0.3000	4.7		15.0				
trans-1,4-Dichloro-2-butene	0.1828 0.2343	0.2021	0.2102	0.2267	0.2261	Ave		0.2137			9.0		15.0				
N-Propylbenzene	3.9178 3.3126	3.4508	3.3755	3.3574	3.3074	Ave		3.4536			6.8		15.0				
1,2,3-Trichloropropane	0.2630 0.2093	0.2206	0.2311	0.2225	0.2115	Ave		0.2263			8.7		15.0				
Bromobenzene	0.8485 0.6652	0.6726	0.6815	0.6606	0.6679	Ave		0.6994			10.0		15.0				
1,3,5-Trimethylbenzene	2.5465 2.2644	2.2221	2.2546	2.2506	2.2264	Ave		2.2941			5.4		15.0				
2-Chlorotoluene	0.7146 0.6223	0.6616	0.6551	0.6275	0.6225	Ave		0.6506			5.5		15.0				
4-Chlorotoluene	0.7545 0.6205	0.6473	0.6369	0.6238	0.6183	Ave		0.6502			8.0		15.0				
tert-Butylbenzene	0.5474 0.4833	0.4771	0.4786	0.4661	0.4745	Ave		0.4878			6.1		15.0				
1,2,4-Trimethylbenzene	2.6822 2.3264	2.3520	2.3406	2.3138	2.2986	Ave		2.3856			6.1		15.0				
sec-Butylbenzene	3.4070 2.9657	3.0545	2.9430	2.9718	2.9399	Ave		3.0470			5.9		15.0				
4-Isopropyltoluene	2.5818 2.3779	2.3767	2.3271	2.3531	2.3257	Ave		2.3904			4.0		15.0				
1,3-Dichlorobenzene	1.5826 1.2779	1.3072	1.2890	1.3027	1.2750	Ave		1.3391			9.0		15.0				
1,4-Dichlorobenzene	1.6458 1.3056	1.3479	1.3563	1.3142	1.3056	Ave		1.3792			9.6		15.0				
n-Butylbenzene	2.6612 2.2980	2.3156	2.3199	2.3225	2.2799	Ave		2.3662			6.1		15.0				
1,2-Dichlorobenzene	1.5525 1.2474	1.3034	1.2849	1.2700	1.2503	Ave		1.3181			8.9		15.0				
1,2-Dibromo-3-Chloropropane	0.1102 0.1433	0.0986	0.1153	0.1243	0.1296	Ave		0.1202			13.0		15.0				
1,2,4-Trichlorobenzene	1.0921 0.9440	0.9340	0.9469	0.9416	0.9212	Ave		0.9633			6.6		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

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 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.4575 0.4157	0.4165	0.3968	0.3975	0.3945	Ave		0.4131			5.8		15.0				
Naphthalene	2.7642 2.6311	2.5395	2.5806	2.5998	2.5522	Ave		2.6112			3.1		15.0				
1,2,3-Trichlorobenzene	1.0500 0.9260	0.9261	0.9113	0.9171	0.9079	Ave		0.9397			5.8		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2299 0.1921	0.2046	0.2055	0.1823	0.1913	Ave		0.2010			8.3		15.0				
Toluene-d8 (Surr)	2.5367 1.9783	2.1143	2.0817	1.9488	1.9868	Ave		2.1078			10.0		15.0				
4-Bromofluorobenzene (Surr)	0.8954 0.6554	0.7261	0.6804	0.6327	0.6527	Ave		0.7071			14.0		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-9035/2	C9217.D
Level 2	STD 480-9035/3	C9218.D
Level 3	STD 480-9035/4	C9219.D
Level 4	STD 480-9035/5	C9220.D
Level 5	STD 480-9035/6	C9221.D
Level 6	STD 480-9035/7	C9222.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	DFB	Ave	8888 884554	43165	83291	204562	428191	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Lin1F	14653 1036242	56790	109490	259242	509191	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	13314 1121207	58560	116603	276822	554245	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	Lin1F	13516 729009	41138	72345	174512	340778	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Ave	8381 650016	35070	68337	166094	324479	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	14217 1343176	64893	130814	325927	657135	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	14152 1548900	75018	154144	381618	758929	20.0 2000	100	200	500	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	8290 887532	43956	85318	216996	437966	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethene	DFB	Ave	9620 801190	41779	82377	200018	393570	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Ave	18623 1561928	84054	165022	403789	781094	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	11803 1177906	57540	113921	284881	581423	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	28155 2789580	140284	278144	688227	1379368	1.00 100	5.00	10.0	25.0	50.0
Methyl acetate	DFB	Ave	9302 962778	45152	95684	238291	468015	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	28994 2800502	152897	298206	725068	1415896	40.0 4000	200	400	1000	2000
Methylene Chloride	DFB	Ave	12601 940620	49166	93904	233609	469944	1.00 100	5.00	10.0	25.0	50.0
Methyl tert-butyl ether	DFB	Ave	25312 2805751	131674	267729	677381	1367840	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo

Job No.: 480-3471-1

Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C

GC Column: ZB-624 (30) ID: 0.53(mm)

Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50

Calibration End Date: 03/21/2011 18:57

Calibration ID: 1008

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	DFB	Ave	18285 1918553	95346	190409	476401	950178	5.00 500	25.0	50.0	125	250
trans-1,2-Dichloroethene	DFB	Ave	10729 914220	46622	90901	221925	449054	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Ave	63291 8824575	335002	733709	2010305	4229065	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	18504 1622673	78632	156270	388206	803880	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	25551 2390434	119933	239363	587077	1181146	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	Ave	12198 1171324	48414	99011	260922	563718	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	12649 996568	50488	96020	240451	490609	1.00 100	5.00	10.0	25.0	50.0
Bromochloromethane	DFB	Ave	5601 488775	23463	47390	116093	239997	1.00 100	5.00	10.0	25.0	50.0
Chloroform	DFB	Ave	21196 1648391	82607	160989	404536	821822	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	14412 1506088	75566	147917	370786	736998	5.00 500	25.0	50.0	125	250
1,1,1-Trichloroethane	DFB	Ave	14157 1379978	62632	125642	320038	673313	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	15639 1615585	81427	157801	396490	799118	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	13753 1210256	60186	117616	295232	597361	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	Ave	9966 1127749	47841	96544	249690	536413	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	40188 3470893	177047	340840	845709	1728764	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	15683 1347495	67415	133152	328234	670287	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	11339 934529	47337	90860	223257	467381	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	14006 1559775	76949	151567	380724	767878	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	9609 899420	43565	83908	219167	448150	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	6827 619997	28602	59965	150726	302836	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	13165 1238772	54042	108821	280082	597690	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	DFB	Ave	22078 2568173	116472	239098	613878	1245028	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	12274 1372630	54792	115325	309229	662794	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	43463 5071814	234771	486608	1243742	2483019	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	24967 2182710	103824	206365	528468	1080776	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	Ave	7421 1184199	41783	89564	254338	548648	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	10071 1296150	45469	99930	273807	603558	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	7389 708011	33050	67644	167940	346564	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	28851 3580166	163563	337871	870435	1751510	5.00 500	25.0	50.0	125	250
Tetrachloroethene	CBZ	Ave	10259 967993	45454	89124	224272	469044	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	15139 1391975	66430	132866	337255	680496	1.00 100	5.00	10.0	25.0	50.0
Dibromochloromethane	CBZ	Ave	8272 909784	35419	71807	199092	426942	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	8649 886852	37353	78222	205061	432072	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	26769 2367992	115529	225821	574740	1170581	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	48837 4205475	200189	405668	1018024	2096009	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	6696 855631	32556	65830	181232	397268	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	35958 3303143	158179	316687	796366	1638565	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	16813 1656196	77350	155525	397508	816262	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	25114 2629559	112476	233120	609734	1286904	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	44576 4344566	203468	405678	1039607	2138100	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Ave	4342 616362	19746	43803	122721	278298	1.00 100	5.00	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	11836 1196709	54653	110227	283423	589881	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	13016 1880415	73190	156033	432593	900915	5.00 500	25.0	50.0	125	250
N-Propylbenzene	DCB	Ave	55793 5317802	249999	501119	1281491	2636267	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	3746 336018	15983	34302	84925	168597	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	12083 1067949	48731	101171	252134	532353	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	36264 3635160	160983	334711	859017	1774604	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	10177 999050	47934	97253	239521	496187	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	10744 996086	46898	94550	238087	492852	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	7796 775831	34568	71046	177910	378237	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	38197 3734663	170394	347477	883169	1832179	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	48518 4760901	221287	436905	1134312	2343331	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	36767 3817417	172189	345478	898151	1853740	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	22537 2051489	94704	191360	497232	1016308	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	23438 2095917	97650	201349	501612	1040648	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	37897 3689127	167758	344410	886478	1817288	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	22109 2002542	94431	190754	484757	996552	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1569 230040	7145	17117	47444	103337	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	15552 1515424	67668	140567	359405	734247	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	6515 667384	30176	58904	151727	314432	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	39364 4223758	183980	383110	992314	2034267	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	14953 1486518	67096	135282	350066	723645	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	6262 562823	27824	56686	127697	278027	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 9035

SDG No.: _____

Instrument ID: HP5973C GC Column: ZB-624 (30) ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2011 16:50 Calibration End Date: 03/21/2011 18:57 Calibration ID: 1008

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBZ	Ave	37089 3195175	154533	309587	750948	1591284	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	13091 1058600	53072	101185	243819	522800	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1F = Linear 1/conc ISTD forced zero

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9217.D
 Lims ID: STD Client ID:
 Inject. Date: 21-Mar-2011 16:50:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: STD
 Misc. Info.: 480-0001661-002
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 9035 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 22-Mar-2011 13:58:55 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

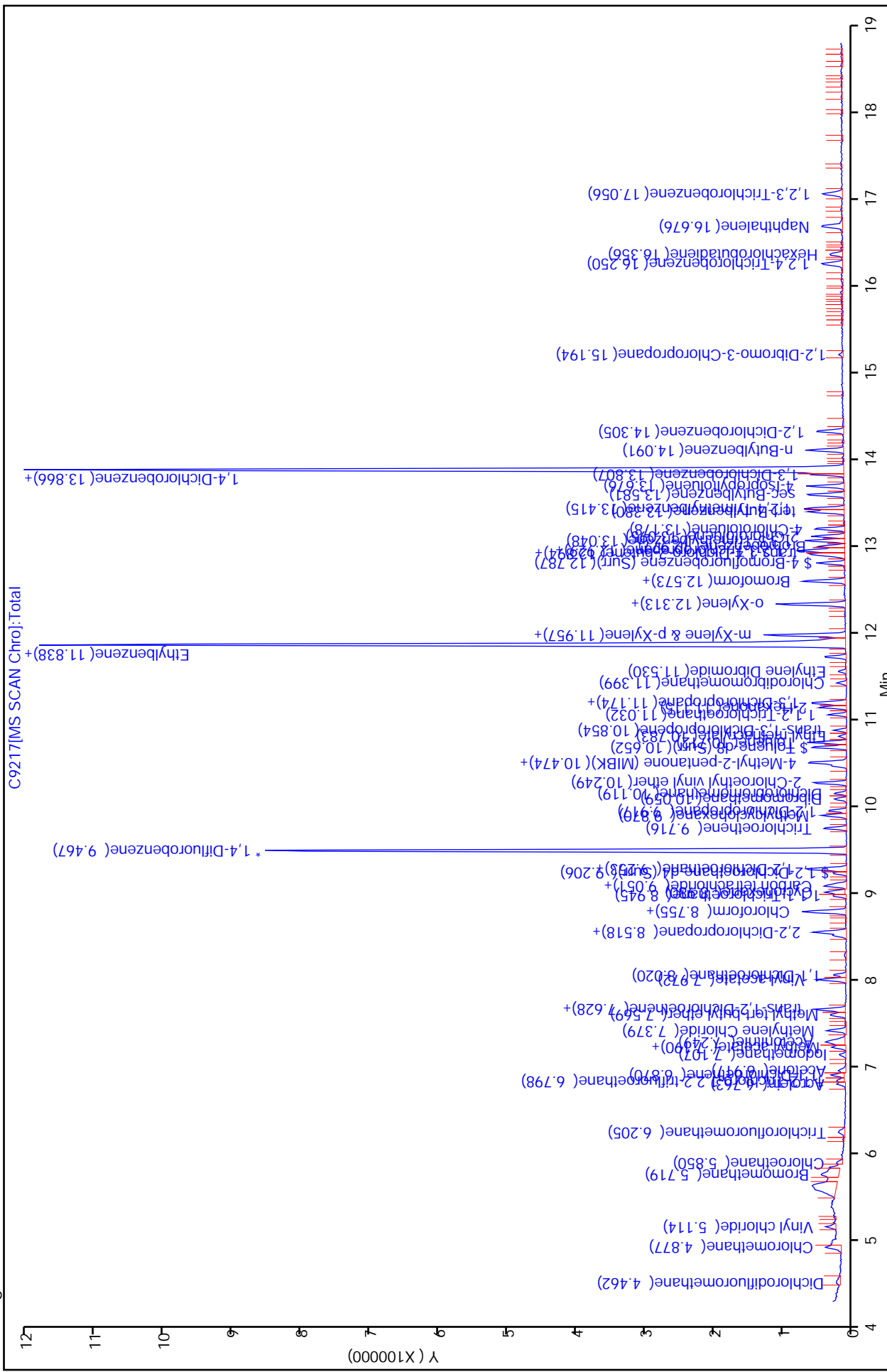
First Level Reviewer: cwiklinc Date: 21-Mar-2011 19:27:01
 Second Level Reviewer: coderd Date: 22-Mar-2011 13:58:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.467	9.467	0.0	94	680830	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	365518	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	356020	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	6262	1.14	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	95	37089	1.20	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	87	13091	1.27	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	52	8888	1.07	
12 Chloromethane	50	4.877	4.877	0.0	99	14653	1.50	
13 Vinyl chloride	62	5.114	5.114	0.0	85	13314	1.17	
14 Bromomethane	94	5.719	5.719	0.0	94	13516	2.00	
15 Chloroethane	64	5.862	5.861	0.001	89	8381	1.23	
17 Trichlorofluoromethane	101	6.205	6.217	-0.012	99	14217	1.10	
20 Acrolein	56	6.763	6.763	0.0	83	14152	19.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.810	6.798	0.012	60	8290	0.9867	
22 1,1-Dichloroethene	96	6.870	6.869	0.001	93	9620	1.18	
23 Acetone	43	6.917	6.917	0.0	95	18623	5.78	
25 Iodomethane	142	7.107	7.095	0.012	80	11803	1.05	
26 Carbon disulfide	76	7.190	7.190	0.0	97	28155	1.04	
27 Methyl acetate	43	7.213	7.213	0.0	60	9302	1.02	
29 Acetonitrile	40	7.249	7.249	0.0	94	28994	41.0	
30 Methylene Chloride	84	7.379	7.379	0.0	98	12601	1.30	
32 Methyl tert-butyl ether	73	7.569	7.557	0.012	99	25312	0.9726	
33 Acrylonitrile	53	7.617	7.616	0.001	100	18285	4.97	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	94	10729	1.18	
37 Vinyl acetate	43	7.972	7.972	0.0	98	63291	4.29	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	97	18504	1.17	
43 2-Butanone (MEK)	43	8.482	8.482	0.0	93	25551	5.46	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	58	12198	1.16	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	69	12649	1.26	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
48 Chlorobromomethane	128	8.755	8.743	0.012	99	5601	1.18	
49 Tetrahydrofuran	42	8.755	8.755	0.0	81	14412	5.01	
50 Chloroform	83	8.755	8.755	0.0	92	21196	1.27	
51 1,1,1-Trichloroethane	97	8.945	8.945	0.0	96	14157	1.10	
52 Cyclohexane	56	8.980	8.980	0.0	88	15639	1.01	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	93	13753	1.16	
55 Carbon tetrachloride	117	9.075	9.075	0.0	82	9966	1.01	
57 Benzene	78	9.241	9.241	0.0	97	40188	1.17	
58 1,2-Dichloroethane	62	9.265	9.265	0.0	98	15683	1.17	
62 Trichloroethene	95	9.727	9.715	0.012	95	11339	1.22	
64 Methylcyclohexane	83	9.870	9.870	0.0	87	14006	0.9542	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	92	9609	1.11	
67 Dibromomethane	93	10.059	10.059	0.0	91	6827	1.15	
68 Dichlorobromomethane	83	10.119	10.119	0.0	97	13165	1.16	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	94	22078	4.73	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	96	12274	1.03	
73 4-Methyl-2-pentanone (MIBK)	43	10.486	10.474	0.012	97	43463	4.71	
74 Toluene	92	10.712	10.712	0.0	98	24967	1.19	
75 Ethyl methacrylate	69	10.783	10.783	0.0	68	7421	0.8100	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	97	10071	0.9726	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	85	7389	1.12	
80 2-Hexanone	43	11.115	11.115	0.0	97	28851	4.50	
81 Tetrachloroethene	166	11.162	11.162	0.0	89	10259	1.14	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	90	15139	1.15	
83 Chlorodibromomethane	129	11.399	11.399	0.0	58	8272	1.08	
84 Ethylene Dibromide	107	11.542	11.530	0.012	96	8649	1.09	
87 Chlorobenzene	112	11.874	11.874	0.0	94	26769	1.18	
88 Ethylbenzene	91	11.874	11.874	0.0	97	48837	1.20	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	78	6696	0.9668	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	97	35958	2.29	
91 o-Xylene	106	12.313	12.312	0.001	95	16813	1.09	
92 Styrene	104	12.313	12.312	0.001	84	25114	1.07	
94 Isopropylbenzene	105	12.573	12.573	0.0	97	44576	1.12	
95 Bromoform	173	12.597	12.597	0.0	31	4342	0.9333	
97 1,1,2,2-Tetrachloroethane	83	12.870	12.858	0.012	77	11836	1.09	
98 trans-1,4-Dichloro-2-butene	53	12.894	12.893	0.001	80	13016	4.28	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	55793	1.13	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	53	3746	1.16	
101 Bromobenzene	156	12.988	12.976	0.012	87	12083	1.21	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	95	36264	1.11	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	10177	1.10	
105 4-Chlorotoluene	126	13.178	13.178	0.0	97	10744	1.16	
106 tert-Butylbenzene	134	13.380	13.380	0.0	81	7796	1.12	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	66	38197	1.12	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	48518	1.12	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	98	36767	1.08	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	87	22537	1.18	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	97	23438	1.19	
115 n-Butylbenzene	91	14.091	14.091	0.0	99	37897	1.12	
116 1,2-Dichlorobenzene	146	14.317	14.316	0.001	97	22109	1.18	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	27	1569	0.9164	
119 1,2,4-Trichlorobenzene	180	16.250	16.249	0.001	89	15552	1.13	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	16.356	16.356	0.0	61	6515	1.11	
121 Naphthalene	128	16.676	16.676	0.0	98	39364	1.06	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	94	14953	1.12	
S 125 1,2-Dichloroethene, Total	1				0		2.44	
S 126 1,3-Dichloropropene, Total	1				0		2.00	
S 123 Total BTEX	1				0		6.94	
S 124 Xylenes, Total	1				0		3.38	

Report Date: 22-Mar-2011 13:58:55
 Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9217.D
 Injection Date: 21-Mar-2011 16:50:30
 Client ID:
 Lims Batch ID: 9035
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9218.D
 Lims ID: STD-2 Client ID:
 Inject. Date: 21-Mar-2011 17:16:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: STD-2
 Misc. Info.: 480-0001661-003
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 9035 Lims Sample ID: 3
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 22-Mar-2011 08:25:51 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

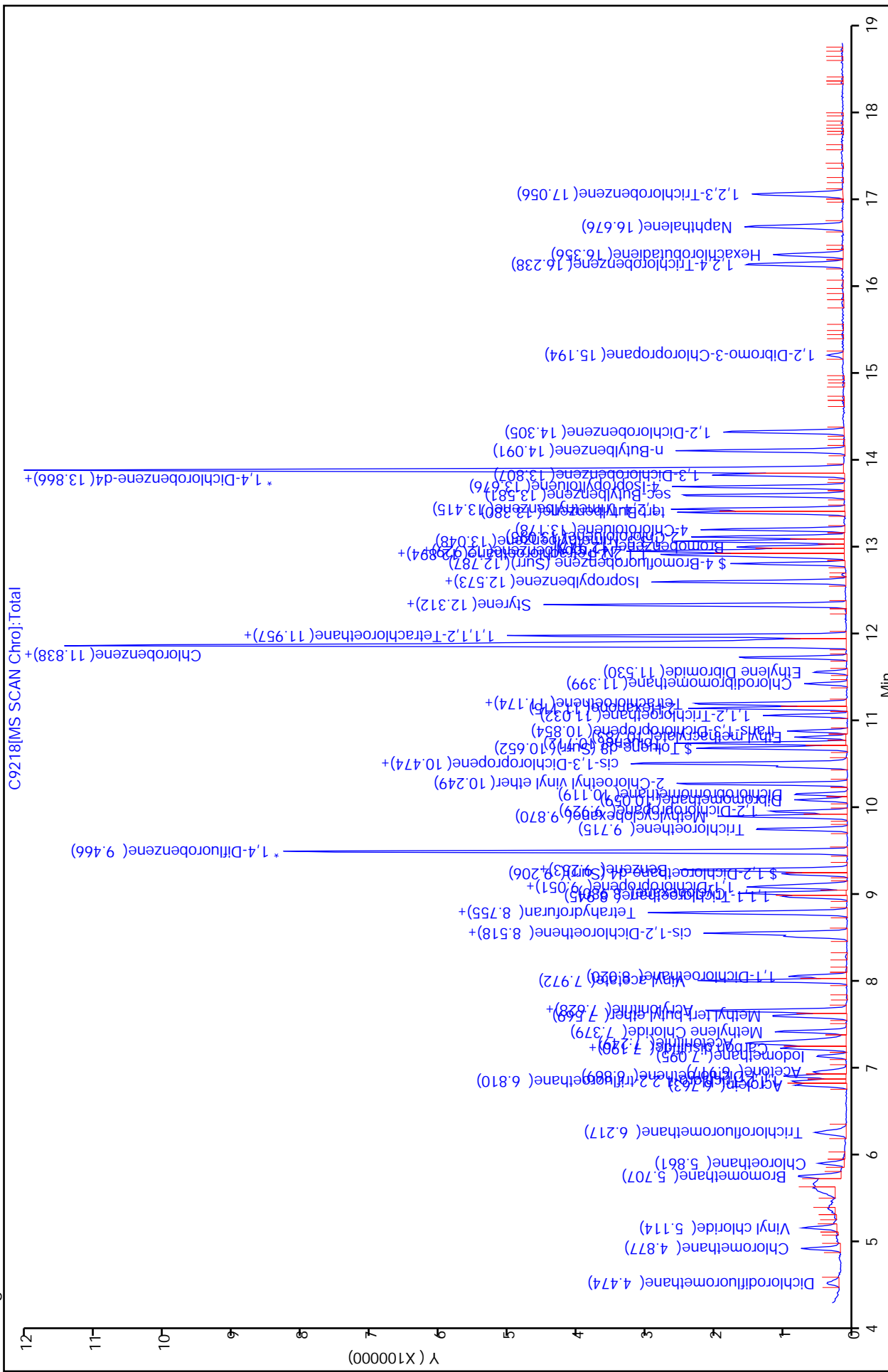
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Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	679916	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	365446	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	362237	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	27824	4.98	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	154533	4.81	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	53072	4.83	
10 Dichlorodifluoromethane	85	4.486	4.474	0.012	99	43165	5.09	
12 Chloromethane	50	4.877	4.877	0.0	87	56790	4.73	
13 Vinyl chloride	62	5.114	5.114	0.0	81	58560	4.91	
14 Bromomethane	94	5.719	5.719	0.0	93	41138	4.33	
15 Chloroethane	64	5.861	5.861	0.0	99	35070	4.82	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	85	64893	4.89	
20 Acrolein	56	6.763	6.763	0.0	100	75018	102.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.810	6.798	0.012	94	43956	5.17	
22 1,1-Dichloroethene	96	6.869	6.869	0.0	88	41779	4.87	
23 Acetone	43	6.917	6.917	0.0	100	84054	24.7	
25 Iodomethane	142	7.095	7.095	0.0	98	57540	5.02	
26 Carbon disulfide	76	7.190	7.190	0.0	89	140284	5.08	
27 Methyl acetate	43	7.213	7.213	0.0	92	45152	4.91	
29 Acetonitrile	40	7.249	7.249	0.0	99	152897	209.2	
30 Methylene Chloride	84	7.379	7.379	0.0	92	49166	4.68	
32 Methyl tert-butyl ether	73	7.569	7.557	0.012	97	131674	5.07	
33 Acrylonitrile	53	7.616	7.616	0.0	100	95346	25.6	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	98	46622	4.88	
37 Vinyl acetate	43	7.972	7.972	0.0	98	335002	24.1	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	82	78632	4.79	
43 2-Butanone (MEK)	43	8.482	8.482	0.0	100	119933	24.9	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	86	48414	4.54	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	71	50488	4.72	
48 Chlorobromomethane	128	8.743	8.743	0.0	97	23463	4.76	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	88	75566	25.8	
50 Chloroform	83	8.755	8.755	0.0	94	82607	4.64	
51 1,1,1-Trichloroethane	97	8.945	8.945	0.0	97	62632	4.81	
52 Cyclohexane	56	8.980	8.980	0.0	92	81427	5.16	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	93	60186	4.85	
55 Carbon tetrachloride	117	9.075	9.075	0.0	88	47841	4.91	
57 Benzene	78	9.241	9.241	0.0	96	177047	4.90	
58 1,2-Dichloroethane	62	9.265	9.265	0.0	97	67415	4.83	
62 Trichloroethene	95	9.715	9.715	0.0	98	47337	4.82	
64 Methylcyclohexane	83	9.870	9.870	0.0	90	76949	5.23	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	95	43565	4.87	
67 Dibromomethane	93	10.059	10.059	0.0	96	28602	4.67	
68 Dichlorobromomethane	83	10.119	10.119	0.0	98	54042	4.65	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	93	116472	25.3	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	98	54792	4.67	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	96	234771	25.6	
74 Toluene	92	10.712	10.712	0.0	97	103824	4.74	
75 Ethyl methacrylate	69	10.783	10.783	0.0	86	41783	4.93	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	95	45469	4.62	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	94	33050	4.87	
80 2-Hexanone	43	11.115	11.115	0.0	97	163563	25.9	
81 Tetrachloroethene	166	11.162	11.162	0.0	94	45454	4.90	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	89	66430	4.84	
83 Chlorodibromomethane	129	11.399	11.399	0.0	88	35419	4.64	
84 Ethylene Dibromide	107	11.530	11.530	0.0	97	37353	4.69	
87 Chlorobenzene	112	11.874	11.874	0.0	88	115529	4.84	
88 Ethylbenzene	91	11.874	11.874	0.0	97	200189	4.71	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	87	32556	4.86	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	158179	9.70	
91 o-Xylene	106	12.312	12.312	0.0	96	77350	4.90	
92 Styrene	104	12.312	12.312	0.0	90	112476	4.77	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	203468	4.86	
95 Bromoform	173	12.597	12.597	0.0	82	19746	4.58	
97 1,1,2,2-Tetrachloroethane	83	12.870	12.858	0.012	97	54653	4.86	
98 trans-1,4-Dichloro-2-butene	53	12.894	12.893	0.001	73	73190	24.8	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	249999	4.83	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	64	15983	4.69	
101 Bromobenzene	156	12.988	12.976	0.012	96	48731	4.62	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	160983	4.75	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	47934	4.95	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	46898	4.79	
106 tert-Butylbenzene	134	13.380	13.380	0.0	82	34568	4.80	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	81	170394	4.80	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	221287	4.86	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	172189	4.88	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	94704	4.68	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	94	97650	4.69	
115 n-Butylbenzene	91	14.091	14.091	0.0	98	167758	4.76	
116 1,2-Dichlorobenzene	146	14.317	14.316	0.001	97	94431	4.74	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	69	7145	4.44	
119 1,2,4-Trichlorobenzene	180	16.238	16.249	-0.011	92	67668	4.72	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	95	30176	4.91	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	98	183980	4.82	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	97	67096	4.80	
S 125 1,2-Dichloroethene, Total	1				0		9.60	
S 126 1,3-Dichloropropene, Total	1				0		9.28	
S 123 Total BTEX	1				0		29.0	
S 124 Xylenes, Total	1				0		14.6	

Report Date: 22-Mar-2011 08:25:51
 Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9218.D
 Injection Date: 21-Mar-2011 17:16:30
 Client ID:
 Lims Batch ID: 9035
 Operator ID: LH
 Column Type: ZB-624
 Y Scaling:
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 3
 Column Dia: 0.25 mm



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9219.D
 Lims ID: STD-3 Client ID:
 Inject. Date: 21-Mar-2011 17:41:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: STD-3
 Misc. Info.: 480-0001661-004
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 9035 Lims Sample ID: 4
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 22-Mar-2011 08:26:37 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

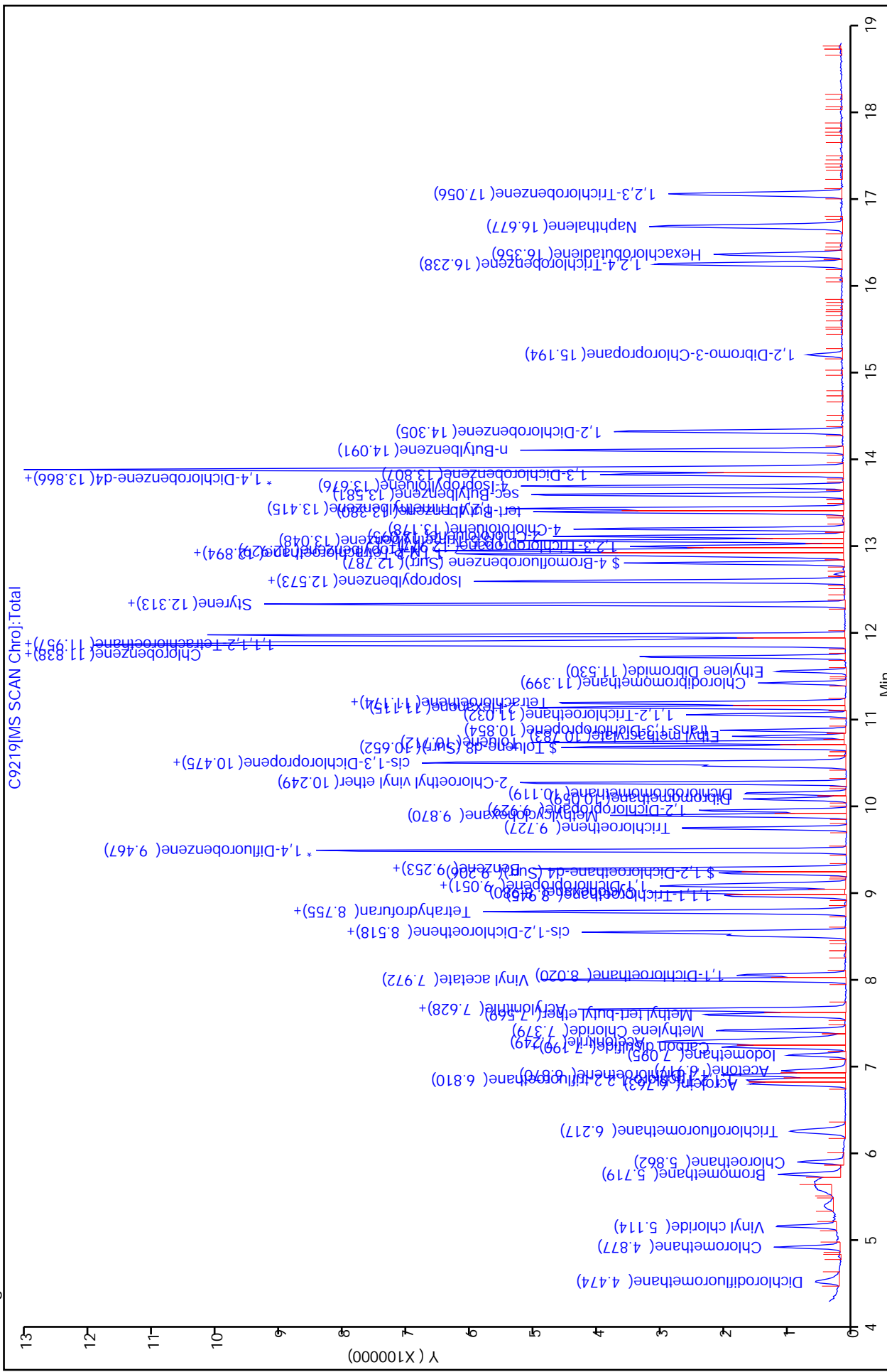
Date: 21-Mar-2011 19:27:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.467	9.466	0.001	94	689749	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	371801	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	371140	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.206	9.194	0.012	0	56686	10.0	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	93	309587	9.59	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	86	101185	9.27	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	87	83291	9.76	
12 Chloromethane	50	4.877	4.877	0.0	99	109490	9.22	
13 Vinyl chloride	62	5.126	5.114	0.012	82	116603	9.73	
14 Bromomethane	94	5.719	5.719	0.0	92	72345	8.01	
15 Chloroethane	64	5.862	5.861	0.001	99	68337	9.43	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	86	130814	9.78	
20 Acrolein	56	6.763	6.763	0.0	100	154144	205.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.810	6.798	0.012	82	85318	9.92	
22 1,1-Dichloroethene	96	6.870	6.869	0.001	98	82377	9.60	
23 Acetone	43	6.917	6.917	0.0	99	165022	48.3	
25 Iodomethane	142	7.095	7.095	0.0	99	113921	9.85	
26 Carbon disulfide	76	7.190	7.190	0.0	89	278144	9.94	
27 Methyl acetate	43	7.213	7.213	0.0	91	95684	10.2	
29 Acetonitrile	40	7.249	7.249	0.0	99	298206	401.7	
30 Methylene Chloride	84	7.379	7.379	0.0	93	93904	9.09	
32 Methyl tert-butyl ether	73	7.569	7.557	0.012	96	267729	10.1	
33 Acrylonitrile	53	7.617	7.616	0.001	99	190409	50.3	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	97	90901	9.53	
37 Vinyl acetate	43	7.972	7.972	0.0	98	733709	51.6	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	97	156270	9.53	
43 2-Butanone (MEK)	43	8.482	8.482	0.0	100	239363	49.2	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	90	99011	9.35	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	85	96020	9.12	
48 Chlorobromomethane	128	8.743	8.743	0.0	96	47390	9.60	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	84	147917	49.9	
50 Chloroform	83	8.755	8.755	0.0	78	160989	9.16	
51 1,1,1-Trichloroethane	97	8.945	8.945	0.0	98	125642	9.62	
52 Cyclohexane	56	8.980	8.980	0.0	91	157801	9.90	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	93	117616	9.50	
55 Carbon tetrachloride	117	9.075	9.075	0.0	96	96544	9.83	
57 Benzene	78	9.241	9.241	0.0	98	340840	9.47	
58 1,2-Dichloroethane	62	9.265	9.265	0.0	96	133152	9.54	
62 Trichloroethene	95	9.716	9.715	0.001	97	90860	9.33	
64 Methylcyclohexane	83	9.870	9.870	0.0	90	151567	10.1	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	94	83908	9.43	
67 Dibromomethane	93	10.059	10.059	0.0	95	59965	9.73	
68 Dichlorobromomethane	83	10.131	10.119	0.012	99	108821	9.42	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	92	239098	50.8	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	98	115325	9.76	
73 4-Methyl-2-pentanone (MIBK)	43	10.475	10.474	0.0	97	486608	51.6	
74 Toluene	92	10.712	10.712	0.0	97	206365	9.43	
75 Ethyl methacrylate	69	10.783	10.783	0.0	84	89564	10.3	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	96	99930	9.98	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	93	67644	9.84	
80 2-Hexanone	43	11.115	11.115	0.0	97	337871	52.0	
81 Tetrachloroethene	166	11.162	11.162	0.0	95	89124	9.57	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	91	132866	9.62	
83 Chlorodibromomethane	129	11.399	11.399	0.0	89	71807	9.42	
84 Ethylene Dibromide	107	11.530	11.530	0.0	97	78222	9.74	
87 Chlorobenzene	112	11.874	11.874	0.0	86	225821	9.46	
88 Ethylbenzene	91	11.874	11.874	0.0	96	405668	9.53	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	85	65830	9.75	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	316687	19.3	
91 o-Xylene	106	12.313	12.312	0.001	96	155525	9.76	
92 Styrene	104	12.313	12.312	0.001	88	233120	9.79	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	405678	9.59	
95 Bromoform	173	12.597	12.597	0.0	83	43803	9.98	
97 1,1,2,2-Tetrachloroethane	83	12.870	12.858	0.012	87	110227	9.67	
98 trans-1,4-Dichloro-2-butene	53	12.894	12.893	0.001	78	156033	51.2	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	501119	9.57	
100 1,2,3-Trichloropropane	110	12.953	12.941	0.012	70	34302	9.86	
101 Bromobenzene	156	12.989	12.976	0.012	91	101171	9.52	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	334711	9.72	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	97253	9.86	
105 4-Chlorotoluene	126	13.178	13.178	0.0	98	94550	9.57	
106 tert-Butylbenzene	134	13.380	13.380	0.0	90	71046	9.72	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	67	347477	9.66	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	436905	9.51	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	345478	9.66	
111 1,3-Dichlorobenzene	146	13.819	13.807	0.012	89	191360	9.41	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	96	201349	9.58	
115 n-Butylbenzene	91	14.091	14.091	0.0	99	344410	9.65	
116 1,2-Dichlorobenzene	146	14.317	14.316	0.001	97	190754	9.50	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	75	17117	10.3	
119 1,2,4-Trichlorobenzene	180	16.250	16.249	0.001	93	140567	9.68	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	95	58904	9.51	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.677	16.676	0.0	98	383110	9.85	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	94	135282	9.58	
S 125 1,2-Dichloroethene, Total	1				0		18.6	
S 126 1,3-Dichloropropene, Total	1				0		19.7	
S 123 Total BTEX	1				0		57.5	
S 124 Xylenes, Total	1				0		29.1	

Report Date: 22-Mar-2011 08:26:37
 Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9219.D
 Injection Date: 21-Mar-2011 17:41:30
 Client ID:
 Lims Batch ID: 9035
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 4



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9220.D
 Lims ID: STD-4 Client ID:
 Inject. Date: 21-Mar-2011 18:07:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: STD-4
 Misc. Info.: 480-0001661-005
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 9035 Lims Sample ID: 5
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 22-Mar-2011 08:27:11 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

Date: 21-Mar-2011 19:27:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	700502	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	385338	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	381690	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	127697	22.2	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	750948	22.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	87	243819	21.6	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	100	204562	23.6	
12 Chloromethane	50	4.877	4.877	0.0	87	259242	21.5	
13 Vinyl chloride	62	5.114	5.114	0.0	99	276822	22.7	
14 Bromomethane	94	5.719	5.719	0.0	92	174512	19.0	
15 Chloroethane	64	5.861	5.861	0.0	99	166094	22.6	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	86	325927	24.0	
20 Acrolein	56	6.763	6.763	0.0	100	381618	501.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	86	216996	24.8	
22 1,1-Dichloroethene	96	6.869	6.869	0.0	96	200018	22.9	
23 Acetone	43	6.917	6.917	0.0	100	403789	116.4	
25 Iodomethane	142	7.095	7.095	0.0	99	284881	24.3	
26 Carbon disulfide	76	7.190	7.190	0.0	89	688227	24.2	
27 Methyl acetate	43	7.213	7.213	0.0	92	238291	25.0	
29 Acetonitrile	40	7.249	7.249	0.0	99	725068	961.7	
30 Methylene Chloride	84	7.379	7.379	0.0	94	233609	22.3	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	96	677381	25.2	
33 Acrylonitrile	53	7.616	7.616	0.0	98	476401	124.0	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	98	221925	22.9	
37 Vinyl acetate	43	7.972	7.972	0.0	98	2010305	139.1	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	97	388206	23.3	
43 2-Butanone (MEK)	43	8.482	8.482	0.0	100	587077	118.8	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	58	260922	24.3	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	86	240451	22.5	
48 Chlorobromomethane	128	8.743	8.743	0.0	97	116093	23.2	

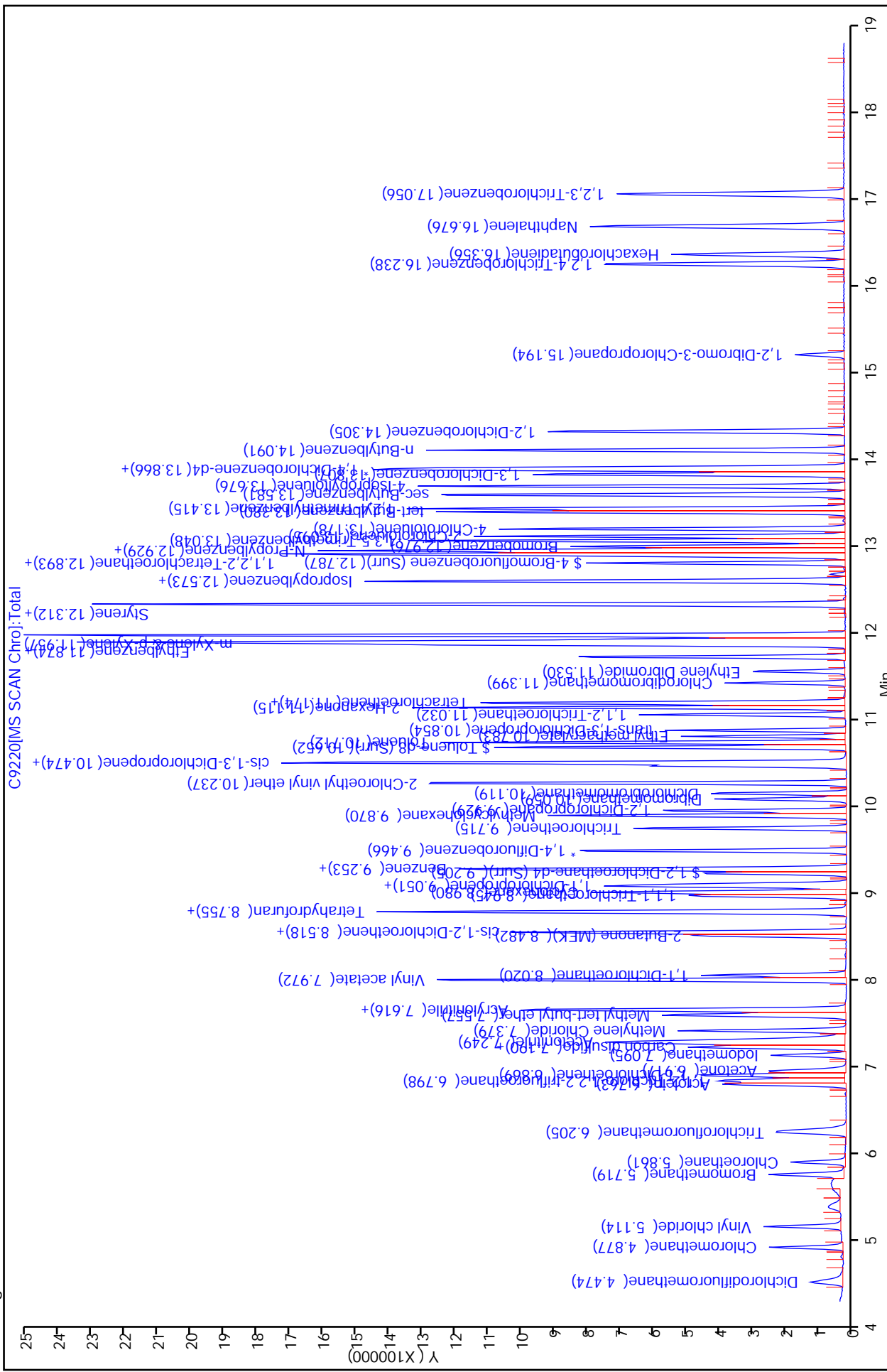
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	85	370786	123.1	
50 Chloroform	83	8.755	8.755	0.0	95	404536	22.7	
51 1,1,1-Trichloroethane	97	8.945	8.945	0.0	98	320038	24.1	
52 Cyclohexane	56	8.980	8.980	0.0	91	396490	24.5	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	95	295232	23.5	
55 Carbon tetrachloride	117	9.075	9.075	0.0	97	249690	25.0	
57 Benzene	78	9.241	9.241	0.0	97	845709	23.1	
58 1,2-Dichloroethane	62	9.265	9.265	0.0	98	328234	23.2	
62 Trichloroethene	95	9.715	9.715	0.0	98	223257	22.6	
64 Methylcyclohexane	83	9.870	9.870	0.0	90	380724	25.0	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	95	219167	24.2	
67 Dibromomethane	93	10.059	10.059	0.0	98	150726	24.1	
68 Dichlorobromomethane	83	10.119	10.119	0.0	99	280082	23.9	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	92	613878	128.5	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	98	309229	25.8	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	96	1243742	127.2	
74 Toluene	92	10.712	10.712	0.0	97	528468	23.3	
75 Ethyl methacrylate	69	10.783	10.783	0.0	85	254338	28.2	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	97	273807	26.4	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	91	167940	23.6	
80 2-Hexanone	43	11.115	11.115	0.0	96	870435	129.2	
81 Tetrachloroethene	166	11.162	11.162	0.0	96	224272	23.2	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	90	337255	23.6	
83 Chlorodibromomethane	129	11.399	11.399	0.0	89	199092	25.2	
84 Ethylene Dibromide	107	11.530	11.530	0.0	98	205061	24.6	
87 Chlorobenzene	112	11.874	11.874	0.0	87	574740	23.2	
88 Ethylbenzene	91	11.874	11.874	0.0	99	1018024	23.1	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	90	181232	25.9	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	796366	46.9	
91 o-Xylene	106	12.312	12.312	0.0	96	397508	24.1	
92 Styrene	104	12.312	12.312	0.0	88	609734	24.7	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	1039607	23.9	
95 Bromoform	173	12.597	12.597	0.0	83	122721	27.0	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	86	283423	24.2	
98 trans-1,4-Dichloro-2-butene	53	12.893	12.893	0.0	85	432593	137.9	
99 N-Propylbenzene	91	12.929	12.929	0.0	100	1281491	23.8	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	69	84925	23.7	
101 Bromobenzene	156	12.976	12.976	0.0	97	252134	23.1	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	859017	24.3	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	239521	23.6	
105 4-Chlorotoluene	126	13.178	13.178	0.0	98	238087	23.4	
106 tert-Butylbenzene	134	13.380	13.380	0.0	81	177910	23.7	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	68	883169	23.9	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	1134312	24.0	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	898151	24.4	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	497232	23.8	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	93	501612	23.2	
115 n-Butylbenzene	91	14.091	14.091	0.0	99	886478	24.1	
116 1,2-Dichlorobenzene	146	14.316	14.316	0.0	96	484757	23.5	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	75	47444	27.7	
119 1,2,4-Trichlorobenzene	180	16.249	16.249	0.0	93	359405	24.1	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	96	151727	23.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	98	992314	24.8	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	94	350066	24.1	
S 125 1,2-Dichloroethene, Total	1				0		45.4	
S 126 1,3-Dichloropropene, Total	1				0		52.2	
S 123 Total BTEX	1				0		140.4	
S 124 Xylenes, Total	1				0		70.9	

Report Date: 22-Mar-2011 08:27:11
 Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9220.D
 Injection Date: 21-Mar-2011 18:07:30
 Client ID: 9035
 Lims Batch ID: LH
 Operator ID: ZB-624
 Column Type: ZB-624
 Y Scaling:

Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 5

Column Dia: 0.25 mm



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9221.D
 Lims ID: STD-5 Client ID:
 Inject. Date: 21-Mar-2011 18:32:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: STD-5
 Misc. Info.: 480-0001661-006
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 9035 Lims Sample ID: 6
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 22-Mar-2011 08:27:38 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

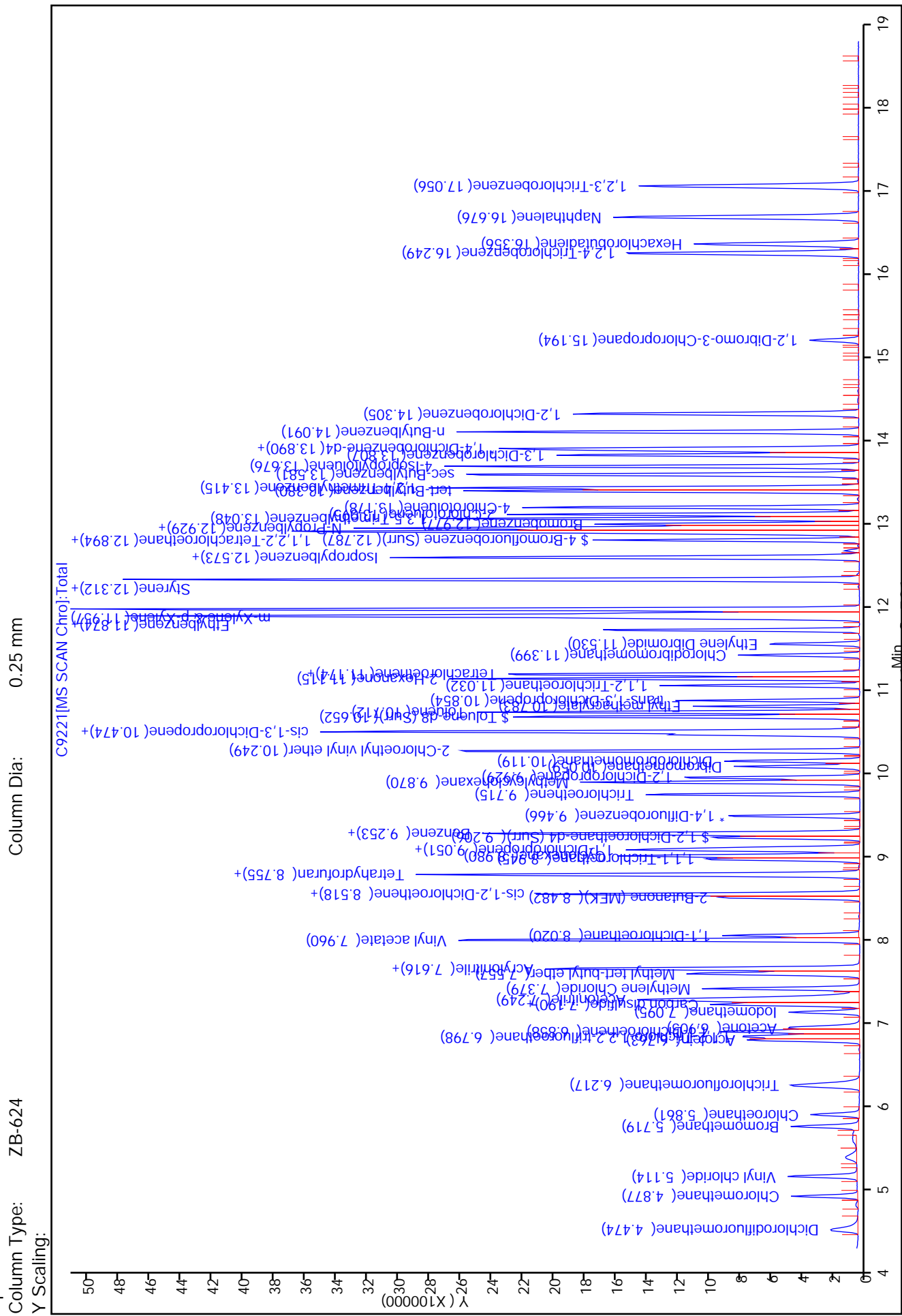
Date: 21-Mar-2011 19:27:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	726506	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	85	400461	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	398539	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	278027	47.2	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	1591284	46.6	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	87	522800	45.5	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	87	428191	48.1	
12 Chloromethane	50	4.877	4.877	0.0	99	509191	47.8	
13 Vinyl chloride	62	5.114	5.114	0.0	100	554245	45.0	
14 Bromomethane	94	5.719	5.719	0.0	92	340778	49.1	
15 Chloroethane	64	5.861	5.861	0.0	99	324479	43.8	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	100	657135	47.3	
20 Acrolein	56	6.763	6.763	0.0	100	758929	968.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.810	6.798	0.012	86	437966	48.7	
22 1,1-Dichloroethene	96	6.869	6.869	0.0	87	393570	44.7	
23 Acetone	43	6.917	6.917	0.0	100	781094	222.9	
25 Iodomethane	142	7.095	7.095	0.0	99	581423	48.2	
26 Carbon disulfide	76	7.190	7.190	0.0	89	1379368	47.4	
27 Methyl acetate	43	7.213	7.213	0.0	91	468015	47.9	
29 Acetonitrile	40	7.249	7.249	0.0	99	1415896	1845.8	
30 Methylene Chloride	84	7.379	7.379	0.0	93	469944	48.8	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	96	1367840	49.3	
33 Acrylonitrile	53	7.616	7.616	0.0	99	950178	240.6	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	99	449054	45.7	
37 Vinyl acetate	43	7.960	7.972	-0.012	98	4229065	275.1	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	97	803880	47.2	
43 2-Butanone (MEK)	43	8.470	8.482	-0.012	100	1181146	234.2	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	61	563718	50.4	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	86	490609	45.3	
48 Chlorobromomethane	128	8.743	8.743	0.0	98	239997	46.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	88	736998	238.6	
50 Chloroform	83	8.755	8.755	0.0	96	821822	45.4	
51 1,1,1-Trichloroethane	97	8.945	8.945	0.0	99	673313	49.2	
52 Cyclohexane	56	8.980	8.980	0.0	90	799118	48.1	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	94	597361	46.6	
55 Carbon tetrachloride	117	9.075	9.075	0.0	88	536413	51.5	
57 Benzene	78	9.241	9.241	0.0	98	1728764	46.4	
58 1,2-Dichloroethane	62	9.265	9.265	0.0	98	670287	46.4	
62 Trichloroethene	95	9.715	9.715	0.0	98	467381	46.4	
64 Methylcyclohexane	83	9.870	9.870	0.0	91	767878	48.9	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	94	448150	48.2	
67 Dibromomethane	93	10.059	10.059	0.0	98	302836	47.3	
68 Dichlorobromomethane	83	10.119	10.119	0.0	99	597690	49.3	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	92	1245028	251.0	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	98	662794	52.6	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	96	2483019	245.5	
74 Toluene	92	10.712	10.712	0.0	98	1080776	46.6	
75 Ethyl methacrylate	69	10.783	10.783	0.0	85	548648	56.6	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	96	603558	54.7	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	94	346564	47.4	
80 2-Hexanone	43	11.115	11.115	0.0	96	1751510	250.1	
81 Tetrachloroethene	166	11.162	11.162	0.0	97	469044	47.4	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	90	680496	46.6	
83 Chlorodibromomethane	129	11.399	11.399	0.0	88	426942	51.6	
84 Ethylene Dibromide	107	11.530	11.530	0.0	98	432072	49.9	
87 Chlorobenzene	112	11.874	11.874	0.0	88	1170581	46.4	
88 Ethylbenzene	91	11.874	11.874	0.0	96	2096009	46.5	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	92	397268	53.6	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	1638565	94.1	
91 o-Xylene	106	12.312	12.312	0.0	95	816262	48.0	
92 Styrene	104	12.312	12.312	0.0	89	1286904	50.1	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	2138100	47.6	
95 Bromoform	173	12.597	12.597	0.0	84	278298	56.9	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	97	589881	48.6	
98 trans-1,4-Dichloro-2-butene	53	12.894	12.893	0.001	88	900915	269.7	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	2636267	47.5	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	70	168597	46.0	
101 Bromobenzene	156	12.977	12.976	0.001	91	532353	47.3	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	1774604	48.4	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	496187	47.4	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	492852	47.1	
106 tert-Butylbenzene	134	13.380	13.380	0.0	82	378237	48.5	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	68	1832179	47.9	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	2343331	48.0	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	1853740	48.6	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	1016308	47.2	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	94	1040648	46.8	
115 n-Butylbenzene	91	14.091	14.091	0.0	99	1817288	47.9	
116 1,2-Dichlorobenzene	146	14.305	14.316	-0.011	97	996552	46.9	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	78	103337	56.1	
119 1,2,4-Trichlorobenzene	180	16.249	16.249	0.0	94	734247	47.6	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	97	314432	47.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	98	2034267	48.9	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	96	723645	48.2	
S 125 1,2-Dichloroethene, Total	1				0		90.9	
S 126 1,3-Dichloropropene, Total	1				0		107.2	
S 123 Total BTEX	1				0		281.7	
S 124 Xylenes, Total	1				0		142.2	

Report Date: 22-Mar-2011 08:27:38
 Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9221.D
 Injection Date: 21-Mar-2011 18:32:30
 Client ID: 9035
 Lims Batch ID: LH
 Operator ID: ZB-624
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 6



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9222.D
 Lims ID: STD-6 Client ID:
 Inject. Date: 21-Mar-2011 18:57:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: STD-6
 Misc. Info.: 480-0001661-007
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 9035 Lims Sample ID: 7
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 22-Mar-2011 08:28:07 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: cwiklinc

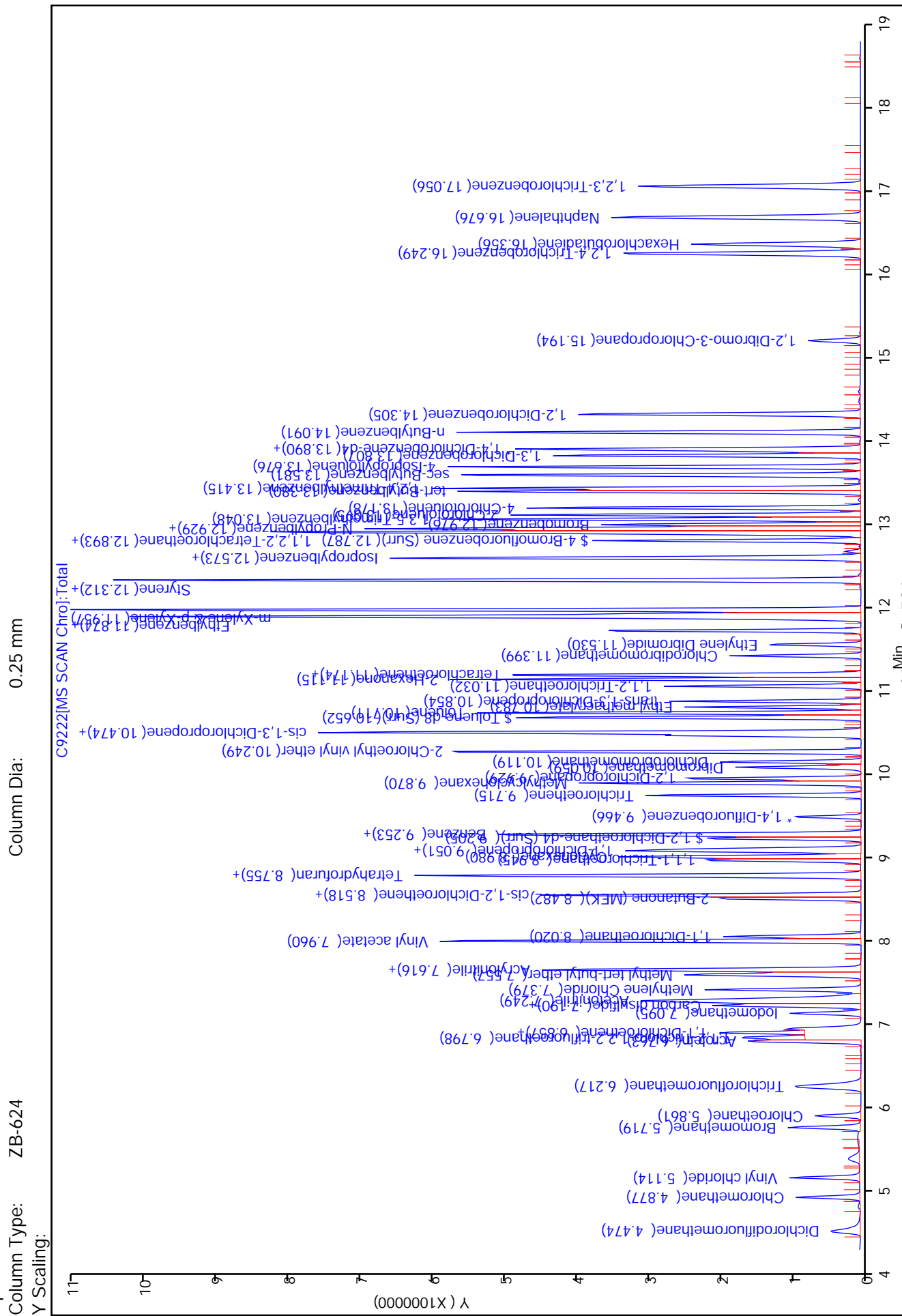
Date: 21-Mar-2011 19:28:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	732504	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	84	403777	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	401337	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	562823	95.6	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	3195175	93.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	1058600	92.7	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	100	884554	98.8	
12 Chloromethane	50	4.877	4.877	0.0	99	1036242	98.3	
13 Vinyl chloride	62	5.114	5.114	0.0	82	1121207	91.8	
14 Bromomethane	94	5.719	5.719	0.0	93	729009	100.1	
15 Chloroethane	64	5.861	5.861	0.0	99	650016	89.0	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	99	1343176	96.5	
20 Acrolein	56	6.763	6.763	0.0	100	1548900	1966.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.810	6.798	0.012	94	887532	98.2	
22 1,1-Dichloroethene	96	6.857	6.869	-0.012	98	801190	91.7	
23 Acetone	43	6.905	6.917	-0.012	100	1561928	450.9	
25 Iodomethane	142	7.095	7.095	0.0	98	1177906	97.3	
26 Carbon disulfide	76	7.190	7.190	0.0	89	2789580	95.9	
27 Methyl acetate	43	7.213	7.213	0.0	91	962778	98.0	
29 Acetonitrile	40	7.249	7.249	0.0	99	2800502	3679.0	
30 Methylene Chloride	84	7.379	7.379	0.0	94	940620	89.9	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	96	2805751	100.2	
33 Acrylonitrile	53	7.616	7.616	0.0	98	1918553	484.8	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	99	914220	93.4	
37 Vinyl acetate	43	7.960	7.972	-0.012	98	8824575	556.4	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	96	1622673	95.3	
43 2-Butanone (MEK)	43	8.470	8.482	-0.012	100	2390434	474.8	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	61	1171324	103.3	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	86	996568	92.6	
48 Chlorobromomethane	128	8.743	8.743	0.0	98	488775	95.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	88	1506088	486.2	
50 Chloroform	83	8.755	8.755	0.0	97	1648391	91.9	
51 1,1,1-Trichloroethane	97	8.933	8.945	-0.012	99	1379978	100.0	
52 Cyclohexane	56	8.980	8.980	0.0	91	1615585	97.0	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	94	1210256	94.6	
55 Carbon tetrachloride	117	9.075	9.075	0.0	98	1127749	106.0	
57 Benzene	78	9.241	9.241	0.0	98	3470893	93.6	
58 1,2-Dichloroethane	62	9.265	9.265	0.0	98	1347495	93.7	
62 Trichloroethene	95	9.715	9.715	0.0	98	934529	93.2	
64 Methylcyclohexane	83	9.870	9.870	0.0	90	1559775	98.8	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	94	899420	96.7	
67 Dibromomethane	93	10.059	10.059	0.0	99	619997	96.7	
68 Dichlorobromomethane	83	10.119	10.119	0.0	99	1238772	101.1	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	93	2568173	511.2	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	98	1372630	106.6	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	95	5071814	497.8	
74 Toluene	92	10.711	10.712	-0.001	98	2182710	94.4	
75 Ethyl methacrylate	69	10.783	10.783	0.0	85	1184199	117.0	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	95	1296150	113.3	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	93	708011	96.7	
80 2-Hexanone	43	11.115	11.115	0.0	96	3580166	505.9	
81 Tetrachloroethene	166	11.162	11.162	0.0	97	967993	97.5	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	90	1391975	95.3	
83 Chlorodibromomethane	129	11.399	11.399	0.0	89	909784	107.4	
84 Ethylene Dibromide	107	11.530	11.530	0.0	97	886852	101.4	
87 Chlorobenzene	112	11.874	11.874	0.0	89	2367992	94.1	
88 Ethylbenzene	91	11.874	11.874	0.0	96	4205475	93.7	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	94	855631	111.8	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	97	3303143	190.1	
91 o-Xylene	106	12.312	12.312	0.0	95	1656196	97.2	
92 Styrene	104	12.312	12.312	0.0	88	2629559	101.3	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	4344566	96.7	
95 Bromoform	173	12.597	12.597	0.0	84	616362	119.9	
97 1,1,2,2-Tetrachloroethane	83	12.870	12.858	0.012	97	1196709	98.2	
98 trans-1,4-Dichloro-2-butene	53	12.893	12.893	0.0	96	1880415	548.2	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	5317802	95.9	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	69	336018	92.5	
101 Bromobenzene	156	12.988	12.976	0.012	92	1067949	95.1	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	3635160	98.7	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	999050	95.7	
105 4-Chlorotoluene	126	13.178	13.178	0.0	98	996086	95.4	
106 tert-Butylbenzene	134	13.380	13.380	0.0	81	775831	99.1	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	68	3734663	97.5	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	4760901	97.3	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	3817417	99.5	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	2051489	95.4	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	94	2095917	94.7	
115 n-Butylbenzene	91	14.091	14.091	0.0	99	3689127	97.1	
116 1,2-Dichlorobenzene	146	14.316	14.316	0.0	97	2002542	94.6	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	79	230040	119.2	
119 1,2,4-Trichlorobenzene	180	16.249	16.249	0.0	93	1515424	98.0	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	97	667384	100.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	98	4223758	100.8	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	95	1486518	98.5	
S 125 1,2-Dichloroethene, Total	1				0		186.0	
S 126 1,3-Dichloropropene, Total	1				0		219.9	
S 123 Total BTEX	1				0		569.0	
S 124 Xylenes, Total	1				0		287.3	

Report Date: 22-Mar-2011 08:28:07
 Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9222.D
 Injection Date: 21-Mar-2011 18:57:30
 Client ID: 9035
 Lims Batch ID: LH
 Operator ID: ZB-624
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 7



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-8779/2	N5527.D
Level 2	STD 480-8779/3	N5528.D
Level 3	STD 480-8779/4	N5529.D
Level 4	STD 480-8779/5	N5530.D
Level 5	STD 480-8779/6	N5531.D
Level 6	STD 480-8779/7	N5532.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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2038 0.2004	0.2033	0.2055	0.2007	0.1957	Ave		0.2016			1.7		15.0				
Chloromethane	0.3165 0.2160	0.2555	0.2454	0.2239	0.2245	Ave		0.2469		0.1000	15.0		15.0				
Vinyl chloride	0.2477 0.2149	0.2280	0.2304	0.2179	0.2211	Ave		0.2267			5.2		30.0				
Bromomethane	0.2376 0.1065	0.1341	0.1109	0.1066	0.1068	LinF		0.1067						1.0000		0.9900	
Chloroethane	0.2190 0.1188	0.1448	0.1304	0.1170	0.1208	Lin1F		0.1209						0.9940		0.9900	
Trichlorofluoromethane	0.1976 0.2390	0.2389	0.2656	0.2441	0.2634	Ave		0.2414			10.0		15.0				
Acrolein	0.0233 0.0182	0.0174	0.0184	0.0181	0.0179	Ave		0.0189			12.0		15.0				
1,1-Dichloroethene	0.3183 0.2343	0.2632	0.2525	0.2456	0.2416	Ave		0.2592			12.0		30.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2389 0.2253	0.2510	0.2367	0.2303	0.2294	Ave		0.2353			3.9		15.0				
Acetone	0.1195 0.0813	0.0841	0.0863	0.0798	0.0794	Lin1F		0.0811						0.9980		0.9900	
Iodomethane	0.3236 0.3026	0.3240	0.3087	0.3007	0.3053	Ave		0.3108			3.4		15.0				
Carbon disulfide	0.6789 0.6908	0.7465	0.7143	0.6477	0.6825	Ave		0.6935			4.9		15.0				
Acetonitrile	0.0214 0.0169	0.0169	0.0168	0.0165	0.0169	Ave		0.0176			11.0		15.0				
Methyl acetate	0.2663 0.2721	0.2799	0.3015	0.2680	0.2689	Ave		0.2761			4.8		15.0				
Methylene Chloride	0.3577 0.2567	0.2847	0.2733	0.2567	0.2579	Ave		0.2812			14.0		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Buffalo

Job No.: 480-3471-1

Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00

Calibration End Date: 03/18/2011 14:55

Calibration ID: 1004

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 3	LVL 4	LVL 5		B	M1	M2								
trans-1,2-Dichloroethene	0.3019 0.2560	0.2715	0.2657	0.2595	0.2537	Ave		0.2680			6.6		15.0				
Methyl tert-butyl ether	0.8101 0.8570	0.8786	0.8646	0.8403	0.8486	Ave		0.8499			2.8		15.0				
Acrylonitrile	0.0935 0.0954	0.0939	0.0901	0.0924	0.0942	Ave		0.0933			2.0		15.0				
1,1-Dichloroethane	0.5650 0.4798	0.5050	0.4937	0.4782	0.4783	Ave		0.5000		0.1000	6.7		15.0				
Vinyl acetate	0.5410 0.4891	0.5278	0.5324	0.5195	0.5200	Lin1F		0.5047						0.9990		0.9900	
2,2-Dichloropropane	0.3541 0.3045	0.3397	0.3257	0.3003	0.3055	QuaF		0.3065	0					1.0000		0.9900	
cis-1,2-Dichloroethene	0.3272 0.2789	0.2927	0.2985	0.2859	0.2800	Ave		0.2939			6.1		15.0				
2-Butanone (MEK)	0.1438 0.1320	0.1295	0.1316	0.1306	0.1313	Ave		0.1331			4.0		15.0				
Bromochloromethane	0.1500 0.1313	0.1317	0.1362	0.1317	0.1304	Ave		0.1352			5.6		15.0				
Tetrahydrofuran	0.0852 0.0886	0.0872	0.0881	0.0877	0.0883	Ave		0.0875			1.4		15.0				
Chloroform	0.5903 0.4599	0.4789	0.4807	0.4605	0.4557	Ave		0.4877			11.0		30.0				
1,1,1-Trichloroethane	0.3190 0.3240	0.3200	0.3212	0.3032	0.3138	Ave		0.3169			2.4		15.0				
Cyclohexane	0.5625 0.4448	0.4873	0.4819	0.4494	0.4437	Ave		0.4783			9.5		15.0				
Carbon tetrachloride	0.3221 0.3175	0.3052	0.3086	0.3047	0.3095	LinF		0.3153						1.0000		0.9900	
1,1-Dichloropropene	0.4514 0.3896	0.4096	0.4097	0.3957	0.3939	Ave		0.4083			5.6		15.0				
Benzene	1.4152 1.0931	1.2094	1.1798	1.1369	1.1141	Ave		1.1914			9.9		15.0				
1,2-Dichloroethane	0.4121 0.3653	0.3818	0.3839	0.3690	0.3615	Ave		0.3789			4.9		15.0				
Trichloroethene	0.3408 0.2699	0.2872	0.2902	0.2730	0.2737	Ave		0.2891			9.2		15.0				
Methylcyclohexane	0.5204 0.4982	0.5327	0.5248	0.4953	0.4999	Ave		0.5119			3.1		15.0				
1,2-Dichloropropane	0.3263 0.2806	0.3009	0.2959	0.2834	0.2790	Ave		0.2943			6.1		30.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

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 3	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	0.1757 0.1567	0.1602	0.1608	0.1555	0.1547	Ave		0.1606			4.9		15.0				
Bromodichloromethane	0.3713 0.3516	0.3377	0.3373	0.3438	0.3435	Ave		0.3476			3.7		15.0				
2-Chloroethyl vinyl ether	0.1758 0.1828	0.1807	0.1833	0.1810	0.1848	Ave		0.1814			1.7		15.0				
cis-1,3-Dichloropropene	0.5104 0.4581	0.4542	0.4499	0.4529	0.4533	Ave		0.4631			5.0		15.0				
4-Methyl-2-pentanone (MIBK)	0.3218 0.3019	0.3100	0.3142	0.3101	0.3056	Ave		0.3106			2.2		15.0				
Toluene	0.9692 0.7868	0.8316	0.8310	0.8211	0.8036	Ave		0.8405			7.8		30.0				
trans-1,3-Dichloropropene	0.4751 0.4907	0.4586	0.4676	0.4715	0.4774	LinF		0.4870						1.0000		0.9900	
Ethyl methacrylate	0.4094 0.4501	0.4348	0.4239	0.4372	0.4395	LinF		0.4473						1.0000		0.9900	
1,1,2-Trichloroethane	0.2580 0.2291	0.2325	0.2351	0.2315	0.2309	Ave		0.2362			4.6		15.0				
Tetrachloroethene	0.3938 0.3242	0.3580	0.3456	0.3369	0.3256	Ave		0.3474			7.5		15.0				
1,3-Dichloropropane	0.5611 0.5026	0.4971	0.5098	0.5035	0.4974	Ave		0.5119			4.8		15.0				
2-Hexanone	0.2158 0.2213	0.2215	0.2220	0.2248	0.2198	Ave		0.2209			1.3		15.0				
Dibromochloromethane	0.2823 0.2896	0.2613	0.2618	0.2704	0.2750	Lin1F		0.2810						0.9990		0.9900	
1,2-Dibromoethane	0.2946 0.2823	0.2786	0.2786	0.2772	0.2771	Ave		0.2814			2.4		15.0				
Chlorobenzene	1.0694 0.8540	0.9224	0.9082	0.8977	0.8778	Ave		0.9216		0.3000	8.3		15.0				
Ethylbenzene	1.7730 1.4225	1.6002	1.5554	1.5216	1.4780	Ave		1.5585			7.8		30.0				
1,1,1,2-Tetrachloroethane	0.3149 0.2846	0.2854	0.2784	0.2854	0.2853	Lin1F		0.2848						1.0000		0.9900	
m,p-Xylene	0.7422 0.5729	0.6343	0.6247	0.6147	0.5935	Ave		0.6304			9.4		15.0				
o-Xylene	0.6839 0.5796	0.6079	0.5986	0.5947	0.5828	Ave		0.6079			6.4		15.0				
Styrene	1.0995 0.9550	1.0051	1.0085	0.9886	0.9676	Ave		1.0040			5.1		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Buffalo

Job No.: 480-3471-1

Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N

GC Column: ZB-624 (60) ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00

Calibration End Date: 03/18/2011 14:55

Calibration ID: 1004

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 3	LVL 4	LVL 5		B	M1	M2								
Bromoform	0.1549 0.1838	0.1382	0.1457	0.1610	0.1694	LinF		0.1797			0.1000			0.9970			0.9900
Isopropylbenzene	3.5270 2.8288	3.0065	3.0243	2.9502	2.8677	Ave		3.0341				8.3		15.0			
Bromobenzene	0.8464 0.7186	0.7579	0.7320	0.7247	0.7114	Ave		0.7485				6.8		15.0			
1,1,2,2-Tetrachloroethane	0.7900 0.6958	0.7010	0.6705	0.6803	0.6844	Ave		0.7037			0.3000	6.2		15.0			
1,2,3-Trichloropropane	0.1899 0.1869	0.1847	0.1861	0.1835	0.1806	Ave		0.1853				1.7		15.0			
N-Propylbenzene	4.1631 3.3169	3.6847	3.5778	3.5024	3.4525	Ave		3.6162				8.2		15.0			
trans-1,4-Dichloro-2-butene	0.0876 0.1866	0.1199	0.1398	0.1603	0.1743	LinF		0.1826						0.9960			0.9900
2-Chlorotoluene	0.8273 0.6640	0.7266	0.6908	0.6916	0.6747	Ave		0.7125				8.4		15.0			
1,3,5-Trimethylbenzene	2.8105 2.3678	2.5780	2.5245	2.4750	2.4277	Ave		2.5306				6.1		15.0			
4-Chlorotoluene	2.8002 2.2488	2.4601	2.3746	2.3420	2.2732	Ave		2.4165				8.4		15.0			
tert-Butylbenzene	0.6246 0.5199	0.5593	0.5341	0.5430	0.5251	Ave		0.5510				7.0		15.0			
1,2,4-Trimethylbenzene	3.0134 2.4118	2.5952	2.5390	2.5108	2.4604	Ave		2.5884				8.4		15.0			
sec-Butylbenzene	3.7029 2.9970	3.3231	3.2515	3.2057	3.1161	Ave		3.2661				7.4		15.0			
1,3-Dichlorobenzene	1.5355 1.3289	1.3807	1.3602	1.3359	1.3364	Ave		1.3796				5.7		15.0			
4-Isopropyltoluene	3.0876 2.4970	2.7584	2.6716	2.6041	2.5787	Ave		2.6996				7.8		15.0			
1,4-Dichlorobenzene	1.6264 1.3329	1.4252	1.4078	1.3939	1.3634	Ave		1.4249				7.3		15.0			
n-Butylbenzene	2.8079 2.3002	2.4874	2.4265	2.4223	2.3852	Ave		2.4716				7.1		15.0			
1,2-Dichlorobenzene	1.5481 1.2184	1.3507	1.2965	1.2784	1.2501	Ave		1.3237				9.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1079 0.1261	0.1018	0.1075	0.1131	0.1188	Ave		0.1125				7.8		15.0			
1,2,4-Trichlorobenzene	1.1089 0.9306	0.9354	0.9861	0.9721	0.9849	Ave		0.9863				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

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 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.5788 0.4658	0.5243	0.4946	0.4932	0.4885	Ave		0.5075			7.8		15.0				
Naphthalene	2.1412 1.9974	1.9917	2.0348	2.0992	2.1258	Ave		2.0650			3.2		15.0				
1,2,3-Trichlorobenzene	0.8828 0.7848	0.8302	0.8438	0.8713	0.8620	Ave		0.8458			4.2		15.0				
1,2-Dichloroethane-d4 (Surr)	0.3933 0.3221	0.2873	0.3103	0.3353	0.3284	Ave		0.3294			11.0		15.0				
Toluene-d8 (Surr)	1.3856 1.1680	1.0775	1.1586	1.2956	1.2336	Ave		1.2198			9.0		15.0				
4-Bromofluorobenzene (Surr)	0.4847 0.3656	0.3340	0.3679	0.3958	0.3824	Ave		0.3884			13.0		15.0				

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 480-8779/2	N5527.D
Level 2	STD 480-8779/3	N5528.D
Level 3	STD 480-8779/4	N5529.D
Level 4	STD 480-8779/5	N5530.D
Level 5	STD 480-8779/6	N5531.D
Level 6	STD 480-8779/7	N5532.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	DFB	Ave	6082 601370	30087	60494	149844	287410	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	DFB	Ave	9443 647939	37817	72246	167117	329708	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	DFB	Ave	7391 644656	33756	67831	162706	324740	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	DFB	LinF	7091 319602	19844	32635	79616	156867	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	DFB	Lin1F	6535 356528	21428	38379	87329	177410	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	DFB	Ave	5897 717096	35357	78187	182246	386867	1.00 100	5.00	10.0	25.0	50.0
Acrolein	DFB	Ave	13894 1094324	51646	108265	269936	526379	20.0 2000	100	200	500	1000
1,1-Dichloroethene	DFB	Ave	9497 702887	38953	74315	183314	354834	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	DFB	Ave	7128 676076	37149	69676	171963	336915	1.00 100	5.00	10.0	25.0	50.0
Acetone	DFB	Lin1F	17829 1218907	62242	127024	297840	583359	5.00 500	25.0	50.0	125	250
Iodomethane	DFB	Ave	9656 907928	47962	90863	224471	448436	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	DFB	Ave	20257 2072668	110494	210274	483568	1002415	1.00 100	5.00	10.0	25.0	50.0
Acetonitrile	DFB	Ave	25570 2030795	100198	197285	493985	992983	40.0 4000	200	400	1000	2000
Methyl acetate	DFB	Ave	7946 816281	41427	88740	200063	394985	1.00 100	5.00	10.0	25.0	50.0
Methylene Chloride	DFB	Ave	10673 770142	42135	80447	191626	378794	1.00 100	5.00	10.0	25.0	50.0
trans-1,2-Dichloroethene	DFB	Ave	9008 768140	40194	78206	193712	372557	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl tert-butyl ether	DFB	Ave	24174 2571314	130046	254504	627298	1246453	1.00 100	5.00	10.0	25.0	50.0
Acrylonitrile	DFB	Ave	13956 1431082	69494	132584	344786	692119	5.00 500	25.0	50.0	125	250
1,1-Dichloroethane	DFB	Ave	16859 1439639	74752	145311	356990	702552	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	DFB	Lin1F	80713 7337363	390637	783536	1939100	3819120	5.00 500	25.0	50.0	125	250
2,2-Dichloropropane	DFB	QuaF	10567 913647	50289	95866	224194	448737	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	DFB	Ave	9762 836880	43327	87861	213407	411210	1.00 100	5.00	10.0	25.0	50.0
2-Butanone (MEK)	DFB	Ave	21455 1979624	95819	193637	487583	964332	5.00 500	25.0	50.0	125	250
Bromochloromethane	DFB	Ave	4477 394040	19496	40080	98314	191584	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	DFB	Ave	12707 1329087	64540	129682	327223	648303	5.00 500	25.0	50.0	125	250
Chloroform	DFB	Ave	17613 1379769	70882	141505	343815	669307	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	DFB	Ave	9520 972021	47361	94555	226372	460948	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	DFB	Ave	16786 1334512	72136	141866	335462	651764	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	DFB	LinF	9611 952465	45172	90831	227452	454583	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	DFB	Ave	13471 1168868	60633	120613	295437	578570	1.00 100	5.00	10.0	25.0	50.0
Benzene	DFB	Ave	42228 3279482	179013	347273	848731	1636342	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	DFB	Ave	12296 1095928	56510	113007	275507	530920	1.00 100	5.00	10.0	25.0	50.0
Trichloroethene	DFB	Ave	10169 809685	42508	85426	203811	401977	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	DFB	Ave	15527 1494705	78856	154494	369771	734252	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	DFB	Ave	9736 841744	44535	87091	211547	409746	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	DFB	Ave	5244 470264	23708	47327	116121	227234	1.00 100	5.00	10.0	25.0	50.0
Bromodichloromethane	DFB	Ave	11080 1054845	49991	99302	256673	504582	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	DFB	Ave	26228 2742759	133704	269707	675652	1357501	5.00 500	25.0	50.0	125	250
cis-1,3-Dichloropropene	DFB	Ave	15231 1374423	67230	132433	338076	665765	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	42660 3973062	203886	410149	1016977	1979724	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	25698 2070906	109383	216953	538620	1041096	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	LinF	12596 1291570	60323	122090	309286	618534	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	CBZ	LinF	10855 1184837	57187	110674	286804	569392	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	6840 602950	30577	61378	151869	299157	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	10442 853384	47092	90236	221011	421893	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	14876 1322881	65389	133091	330284	644413	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	28609 2912768	145691	289833	737402	1423922	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Lin1F	7485 762207	34367	68359	177381	356248	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	7810 742935	36650	72722	181822	359048	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	28353 2247773	121331	237096	588843	1137250	1.00 100	5.00	10.0	25.0	50.0
Ethylbenzene	CBZ	Ave	47009 3744344	210480	406073	998121	1914876	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Lin1F	8350 749199	37542	72689	187233	369585	1.00 100	5.00	10.0	25.0	50.0
m,p-Xylene	CBZ	Ave	39355 3015690	166861	326178	806398	1537733	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	18132 1525654	79966	156285	390100	755074	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	29151 2513762	132202	263287	648493	1253584	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	LinF	4107 483854	18173	38032	105630	219473	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	47648 3818192	202902	412235	1010333	1922876	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	11434 969908	51147	99776	248186	477048	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2,2-Tetrachloroethane	DCB	Ave	10672 939156	47311	91394	232990	458934	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	2565 252319	12465	25367	62838	121095	1.00 100	5.00	10.0	25.0	50.0
N-Propylbenzene	DCB	Ave	56242 4476940	248674	487673	1199439	2315007	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	LinF	5916 1259319	40448	95269	274442	584392	5.00 500	25.0	50.0	125	250
2-Chlorotoluene	DCB	Ave	11176 896249	49036	94156	236863	452432	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	37969 3195933	173987	344105	847606	1627847	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	37829 3035331	166027	323669	802049	1524238	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	8438 701786	37746	72796	185949	352128	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	40710 3255379	175144	346084	859839	1649773	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	50025 4045245	224273	443202	1097842	2089406	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	20744 1793696	93183	185402	457501	896098	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	41712 3370295	186160	364153	891798	1729114	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	21972 1799102	96188	191886	477368	914182	1.00 100	5.00	10.0	25.0	50.0
n-Butylbenzene	DCB	Ave	37933 3104696	167872	330742	829533	1599352	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	20914 1644587	91157	176727	437804	838240	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1458 170253	6869	14657	38733	79632	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	14981 1256012	63130	134408	332891	660418	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	7820 628772	35386	67411	168897	327529	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	28927 2696025	134419	277355	718889	1425430	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	11926 1059337	56030	115021	298388	578003	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFB	Ave	11737 966247	42524	91332	250289	482295	1.00 100	5.00	10.0	25.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1 Analy Batch No.: 8779

SDG No.: _____

Instrument ID: HP5973N GC Column: ZB-624 (60) ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/18/2011 13:00 Calibration End Date: 03/18/2011 14:55 Calibration ID: 1004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBZ	Ave	36738 3074433	141725	302471	849850	1598286	1.00 100	5.00	10.0	25.0	50.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	12851 962290	43927	96052	259598	495467	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:

<p>Ave = Average ISTD Lin1F = Linear 1/conc ISTD forced zero LinF = Linear ISTD forced zero QuaF = Quadratic ISTD forced zero</p>

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5527.D
 Lims ID: STD Client ID:
 Inject. Date: 18-Mar-2011 13:00:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 1
 Sample ID: STD
 Misc. Info.: 480-0001622-002
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 8779 Lims Sample ID: 2
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 24-Mar-2011 11:52:15 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL Date: 21-Mar-2011 12:23:35
 Second Level Reviewer: SchoveJ Date: 24-Mar-2011 11:52:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	93	745987	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.438	0.001	84	662837	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	337739	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	11737	1.19	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	92	36738	1.14	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.692	8.686	0.006	84	12851	1.25	
11 Dichlorodifluoromethane	85	1.014	1.014	0.0	68	6082	1.01	
13 Chloromethane	50	1.093	1.099	-0.006	73	9443	1.28	
14 Vinyl chloride	62	1.172	1.179	-0.006	84	7391	1.09	
15 Bromomethane	94	1.361	1.373	-0.012	93	7091	2.23	
16 Chloroethane	64	1.428	1.434	-0.006	94	6535	1.81	
18 Trichlorofluoromethane	101	1.635	1.635	0.0	81	5897	0.8185	
20 Acrolein	56	1.945	1.951	-0.006	52	13894	24.6	M
22 1,1-Dichloroethene	96	2.000	2.018	-0.018	85	9497	1.23	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.018	2.018	0.0	30	7128	1.02	
23 Acetone	43	2.121	2.091	0.030	36	17829	7.37	M
24 Iodomethane	142	2.121	2.134	-0.013	81	9656	1.04	
25 Carbon disulfide	76	2.182	2.194	-0.012	93	20257	0.9790	
28 Methyl acetate	43	2.371	2.347	0.024	34	7946	0.9645	M
29 Acetonitrile	40	2.353	2.353	0.0	96	25570	48.7	M
30 Methylene Chloride	84	2.432	2.438	-0.006	95	10673	1.27	
33 trans-1,2-Dichloroethene	96	2.633	2.632	0.0	97	9008	1.13	
32 Methyl tert-butyl ether	73	2.651	2.639	0.012	98	24174	0.9532	
34 Acrylonitrile	53	2.681	2.675	0.006	93	13956	5.02	
36 1,1-Dichloroethane	63	3.004	3.004	0.0	81	16859	1.13	
39 Vinyl acetate	43	3.064	3.058	0.006	97	80713	5.36	
42 2,2-Dichloropropane	77	3.496	3.502	-0.006	46	10567	1.16	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	50	9762	1.11	
44 2-Butanone (MEK)	43	3.594	3.563	0.031	93	21455	5.40	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
47 Chlorobromomethane	128	3.734	3.740	-0.006	98	4477	1.11	
49 Tetrahydrofuran	42	3.813	3.770	0.043	82	12707	4.87	
50 Chloroform	83	3.825	3.825	0.0	79	17613	1.21	
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	66	9520	1.01	
52 Cyclohexane	56	3.940	3.940	0.0	88	16786	1.18	
53 Carbon tetrachloride	117	4.062	4.062	0.0	49	9611	1.02	
54 1,1-Dichloropropene	75	4.068	4.068	0.0	95	13471	1.11	
55 Benzene	78	4.251	4.257	-0.006	96	42228	1.19	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	97	12296	1.09	
60 Trichloroethene	95	4.853	4.853	0.0	94	10169	1.18	
62 Methylcyclohexane	83	4.969	4.975	-0.006	87	15527	1.02	
63 1,2-Dichloropropane	63	5.072	5.078	-0.006	87	9736	1.11	
64 Dibromomethane	93	5.200	5.206	-0.006	95	5244	1.09	
67 Dichlorobromomethane	83	5.370	5.370	0.0	97	11080	1.07	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	90	26228	4.85	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	96	15231	1.10	
72 4-Methyl-2-pentanone (MIBK)	43	5.948	5.936	0.012	87	42660	5.18	
73 Toluene	92	6.051	6.058	-0.007	100	25698	1.15	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	94	12596	0.9754	
77 Ethyl methacrylate	69	6.423	6.416	0.007	77	10855	0.9153	
78 1,1,2-Trichloroethane	83	6.526	6.520	0.006	85	6840	1.09	
79 Tetrachloroethene	166	6.575	6.575	0.0	88	10442	1.13	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	81	14876	1.10	
82 2-Hexanone	43	6.775	6.769	0.006	98	28609	4.88	
83 Chlorodibromomethane	129	6.897	6.903	-0.006	82	7485	1.00	
84 Ethylene Dibromide	107	6.982	6.988	-0.006	87	7810	1.05	
85 Chlorobenzene	112	7.469	7.469	0.0	95	28353	1.16	
89 1,1,1,2-Tetrachloroethane	131	7.578	7.572	0.006	29	8350	1.11	
88 Ethylbenzene	91	7.572	7.572	0.0	98	47009	1.14	
90 m-Xylene & p-Xylene	106	7.694	7.700	-0.006	100	39355	2.35	
91 o-Xylene	106	8.114	8.114	0.0	97	18132	1.12	
92 Styrene	104	8.144	8.144	0.0	84	29151	1.10	
93 Bromoform	173	8.363	8.369	-0.006	66	4107	0.8622	
95 Isopropylbenzene	105	8.503	8.503	0.0	96	47648	1.16	
97 Bromobenzene	156	8.826	8.826	0.0	93	11434	1.13	
98 1,1,2,2-Tetrachloroethane	83	8.917	8.923	-0.006	86	10672	1.12	
99 1,2,3-Trichloropropane	110	8.935	8.935	0.0	34	2565	1.02	
100 N-Propylbenzene	91	8.941	8.941	0.0	99	56242	1.15	
101 trans-1,4-Dichloro-2-butene	53	8.972	8.965	0.007	75	5916	2.40	
102 2-Chlorotoluene	126	9.032	9.032	0.0	97	11176	1.16	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	94	37969	1.11	
105 4-Chlorotoluene	91	9.154	9.154	0.0	98	37829	1.16	
106 tert-Butylbenzene	134	9.483	9.483	0.0	88	8438	1.13	M
108 1,2,4-Trimethylbenzene	105	9.543	9.537	0.006	97	40710	1.16	
109 sec-Butylbenzene	105	9.708	9.708	0.0	95	50025	1.13	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	20744	1.11	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	82	41712	1.14	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	95	21972	1.14	
115 n-Butylbenzene	91	10.280	10.273	0.007	98	37933	1.14	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	94	20914	1.17	
117 1,2-Dibromo-3-Chloropropane	75	11.058	11.052	0.006	63	1458	0.9590	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	93	14981	1.12	

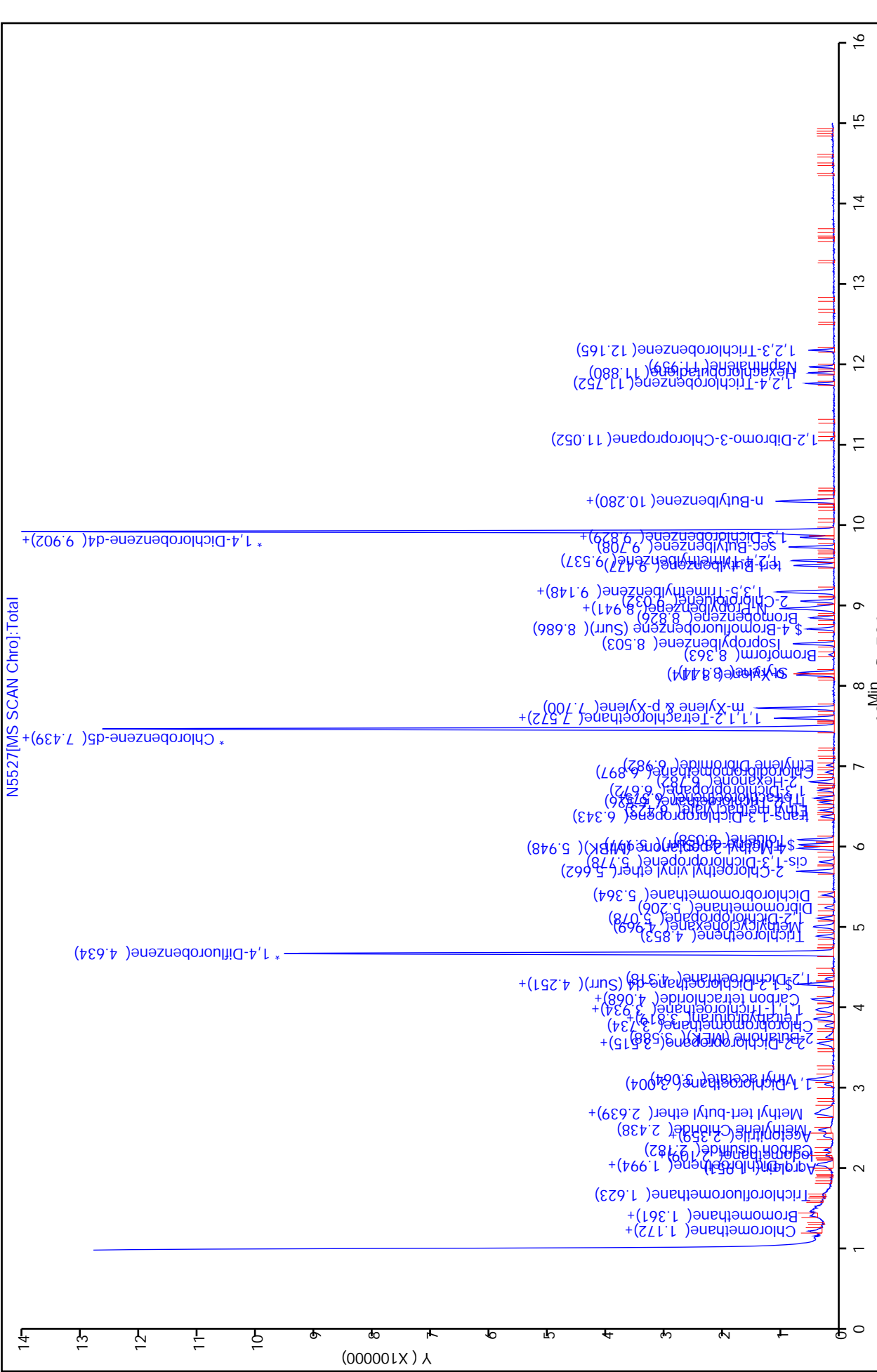
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	11.880	11.880	0.0	96	7820	1.14	
121 Naphthalene	128	11.959	11.959	0.0	97	28927	1.04	
122 1,2,3-Trichlorobenzene	180	12.172	12.165	0.007	91	11926	1.04	
S 125 Total BTEX	1				0		6.96	
S 126 Xylenes, Total	1				0		3.48	
S 123 1,3-Dichloropropene, Total	1				0		2.08	
S 124 1,2-Dichloroethene, Total	1				0		2.24	

QC Flag Legend

Review Flags

M - Manually Integrated

Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 2
 Column Dia: 0.25 mm
 N5527[MS SCAN Chro]:Total

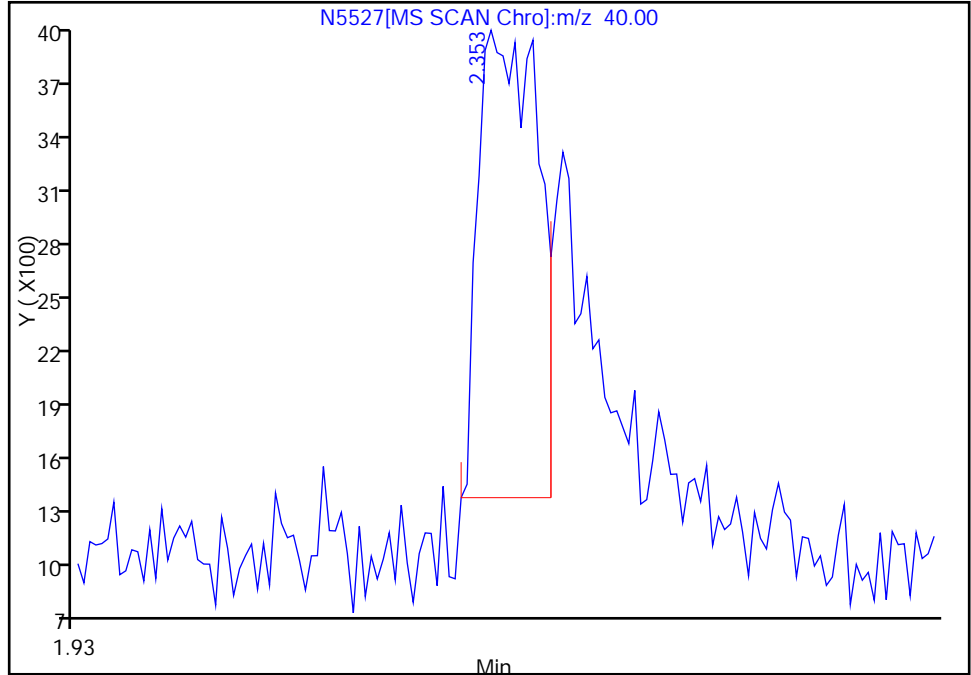


Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5527.D
Injection Date: 18-Mar-2011 13:00:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973N
Lims Batch ID: 8779 Lims Sample ID: 2
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

29 Acetonitrile, Signal: 1, m/z: 40.0 Type: quant, RT: 2.35

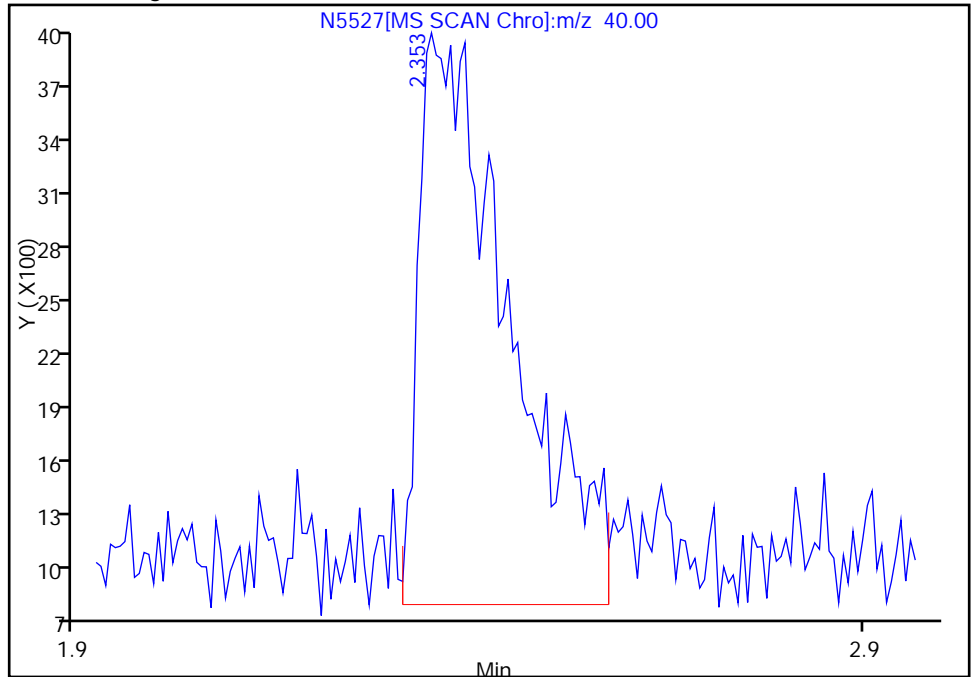
RT: 2.35
Response: 11069
Amount: 23.850768

Processing Integration Results



RT: 2.35
Response: 25570
Amount: 48.749807

Manual Integration Results



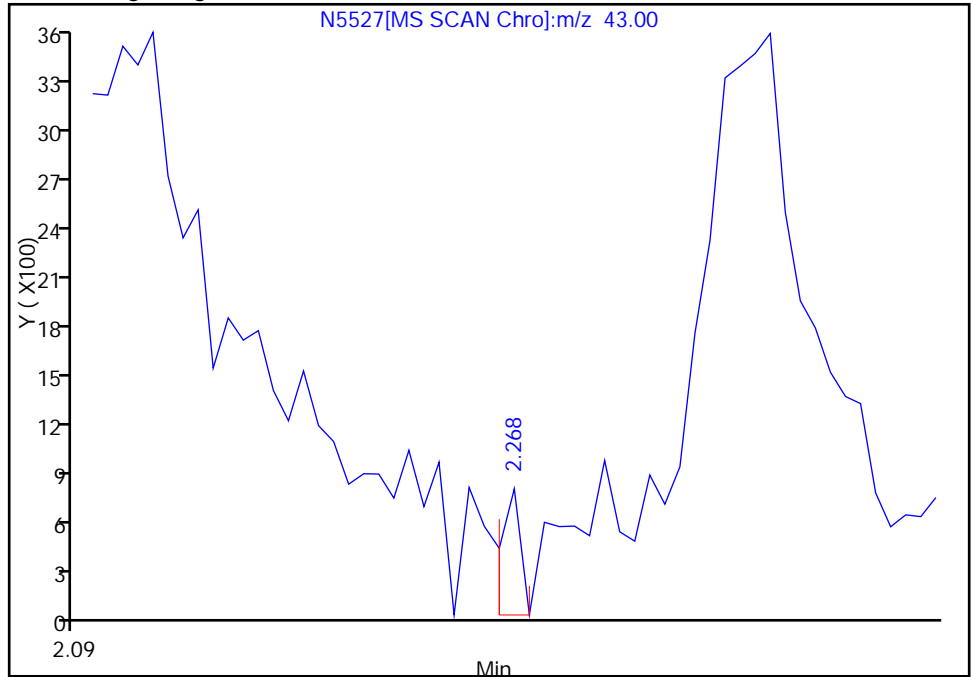
Reviewer: HillL, 21-Mar-2011 12:23:35
Audit Action: Manually Integrated
Audit Reason: Baseline
Second Level Reviewer: SchoveJ, Date: 24-Mar-2011 11:52:15

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5527.D
Injection Date: 18-Mar-2011 13:00:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973N
Lims Batch ID: 8779 Lims Sample ID: 2
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

28 Methyl acetate, Signal: 1, m/z: 43.0 Type: quant, RT: 2.35

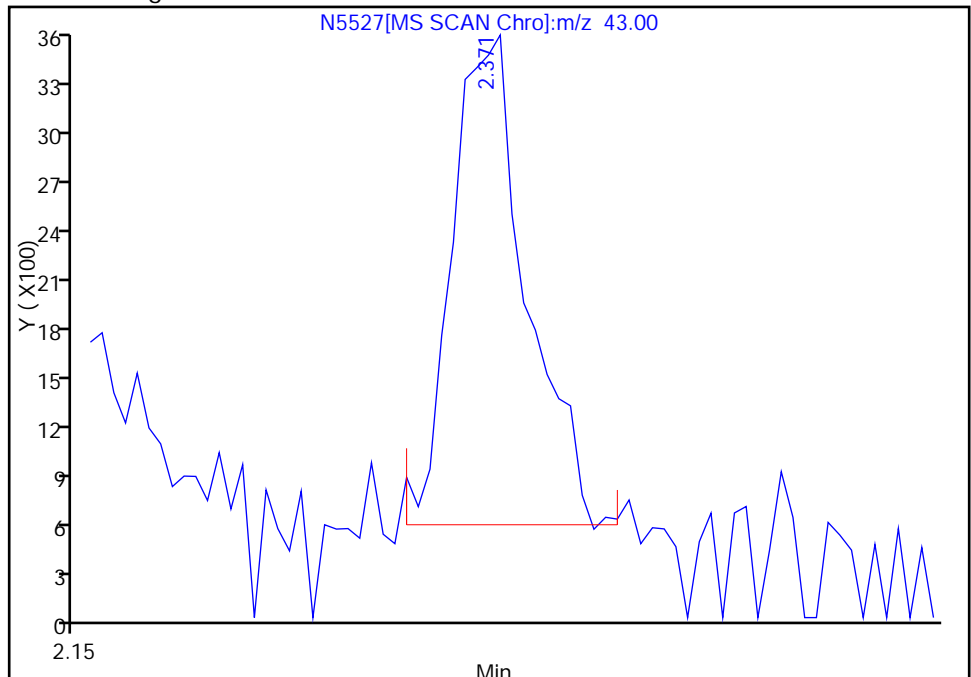
RT: 2.27
Response: 424
Amount: 0.052413

Processing Integration Results



RT: 2.37
Response: 7946
Amount: 0.964468

Manual Integration Results



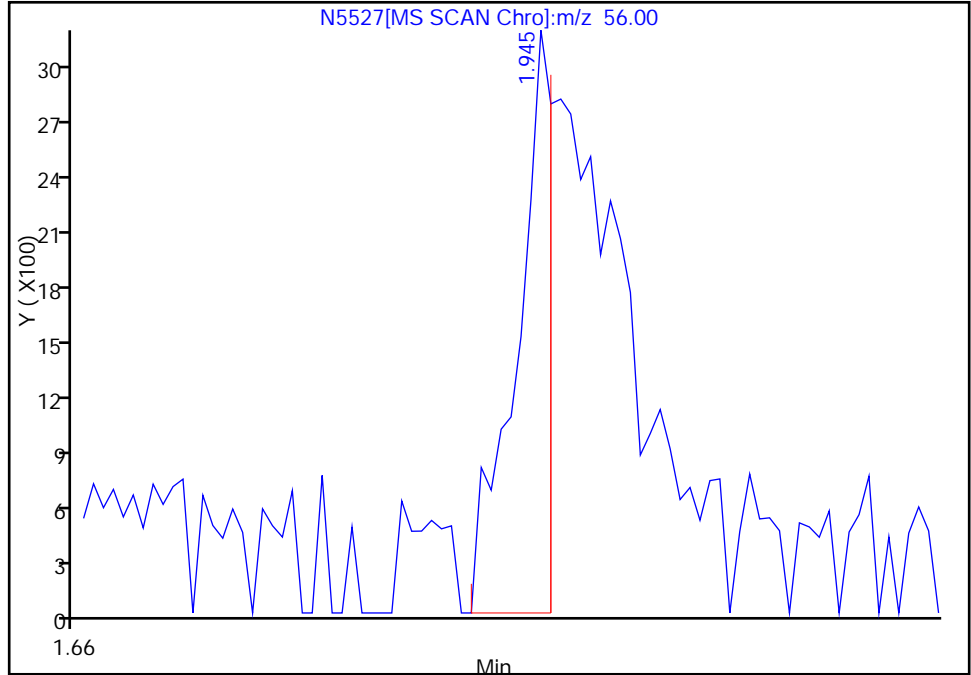
Reviewer: HillL, 18-Mar-2011 15:53:10
Audit Action: Manually Integrated
Audit Reason: Wrong peak
Second Level Reviewer: SchoveJ, Date: 24-Mar-2011 11:52:15

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5527.D
Injection Date: 18-Mar-2011 13:00:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973N
Lims Batch ID: 8779 Lims Sample ID: 2
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

20 Acrolein, Signal: 1, m/z: 56.0 Type: quant, RT: 1.95

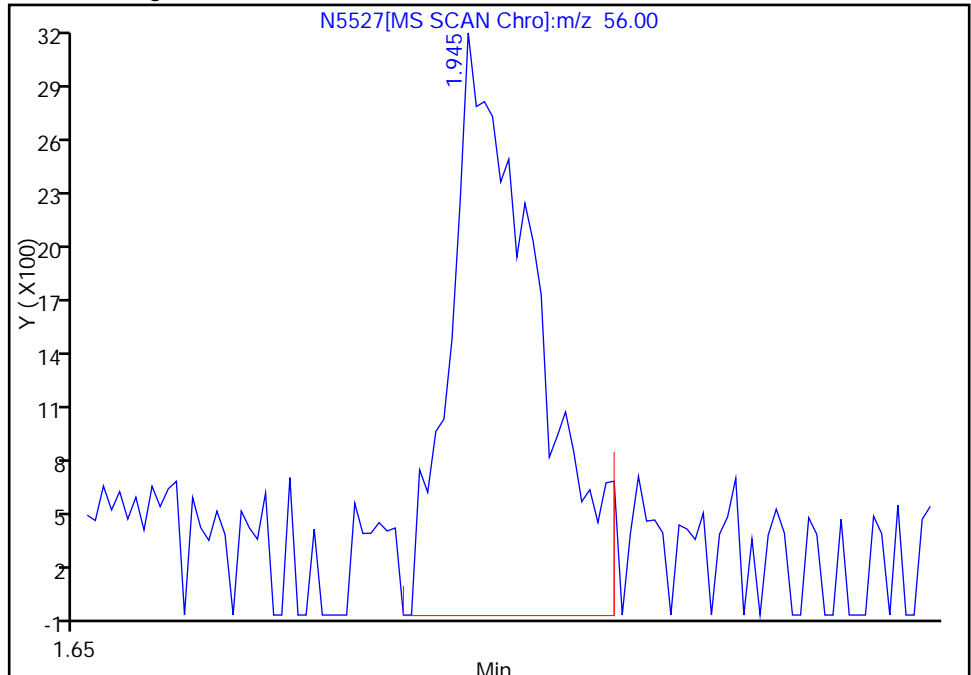
RT: 1.95
Response: 4744
Amount: 9.731728

Processing Integration Results



RT: 1.95
Response: 13894
Amount: 24.646653

Manual Integration Results



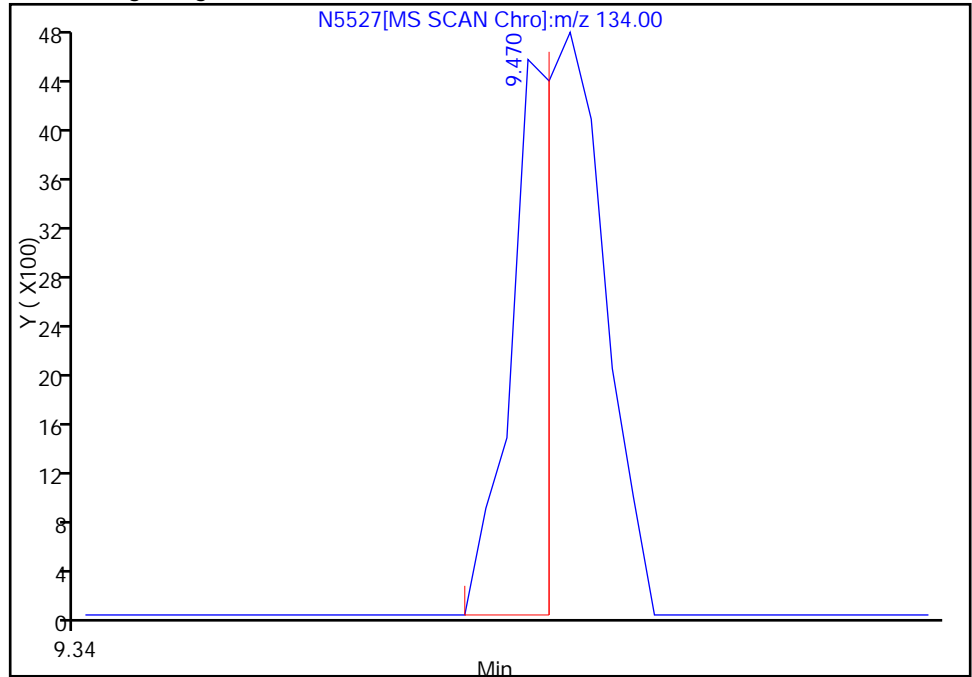
Reviewer: HillL, 18-Mar-2011 15:53:10
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: SchoveJ, Date: 24-Mar-2011 11:52:15

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5527.D
Injection Date: 18-Mar-2011 13:00:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973N
Lims Batch ID: 8779 Lims Sample ID: 2
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

106 tert-Butylbenzene, Signal: 1, m/z: 134.0 Type: quant, RT: 9.48

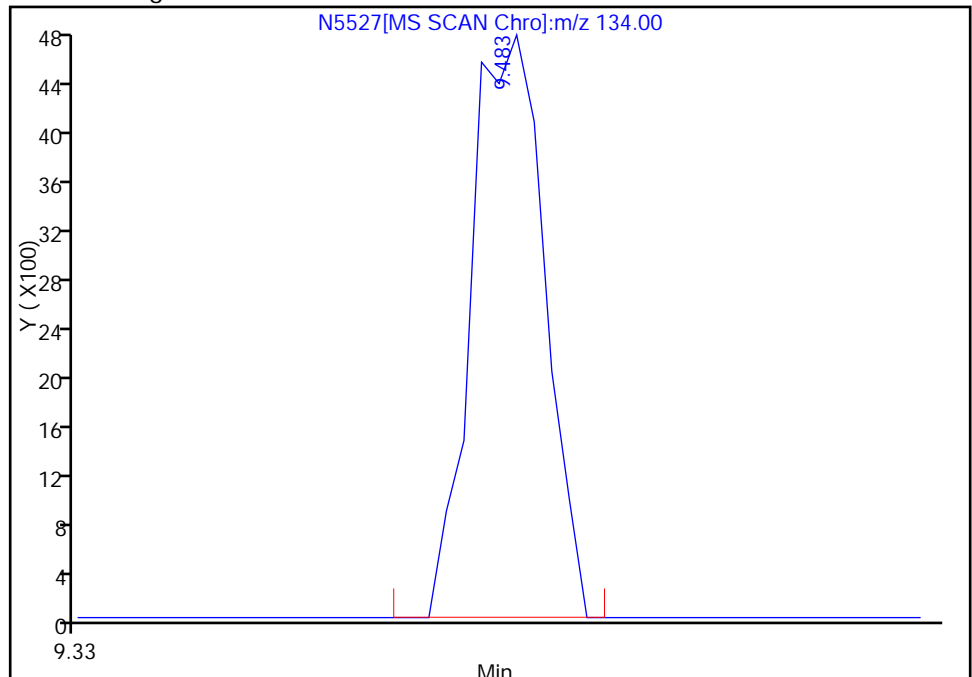
RT: 9.47
Response: 4122
Amount: 0.612985

Processing Integration Results



RT: 9.48
Response: 8438
Amount: 1.133561

Manual Integration Results



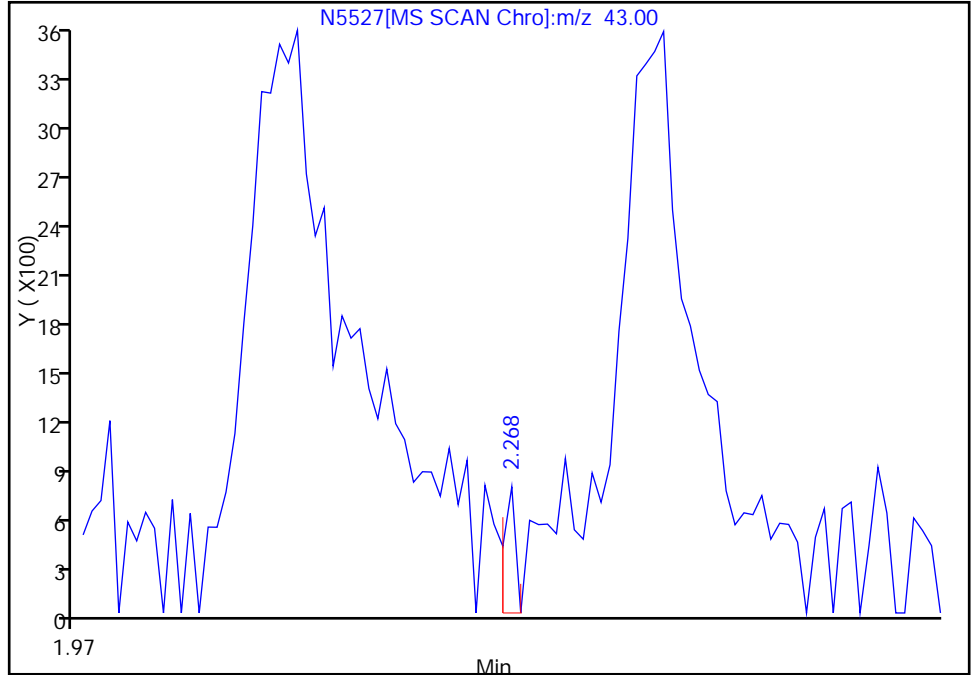
Reviewer: HillL, 21-Mar-2011 12:23:35
Audit Action: Manually Integrated
Audit Reason: Baseline
Second Level Reviewer: SchoveJ, Date: 24-Mar-2011 11:52:15

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5527.D
Injection Date: 18-Mar-2011 13:00:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973N
Lims Batch ID: 8779 Lims Sample ID: 2
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

23 Acetone, Signal: 1, m/z: 43.0 Type: quant, RT: 2.09

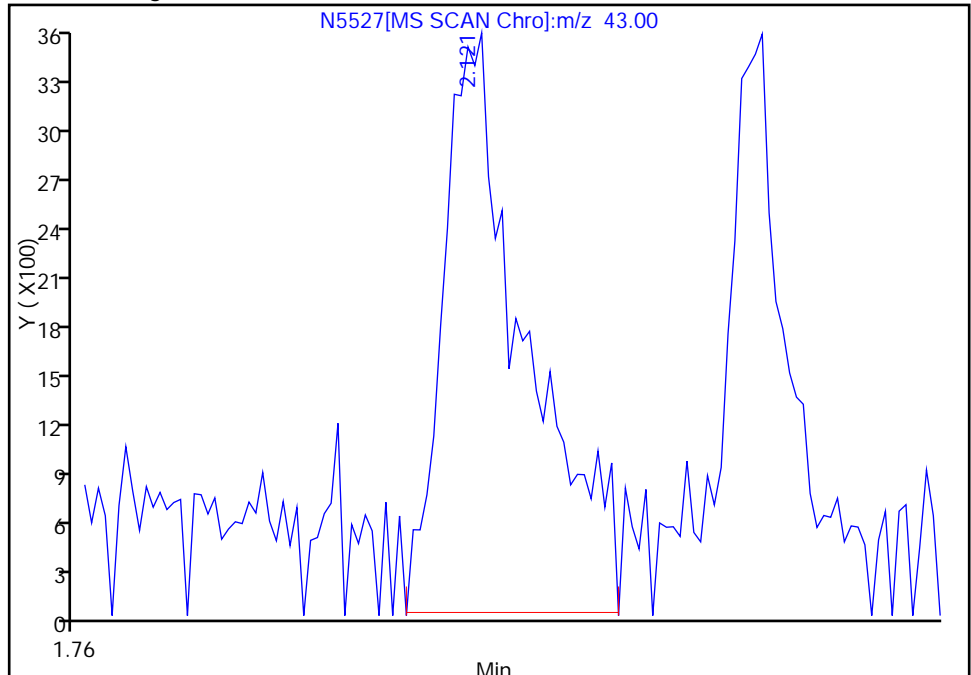
RT: 2.27
Response: 424
Amount: 0.177282

Processing Integration Results



RT: 2.12
Response: 17829
Amount: 7.365084

Manual Integration Results



Reviewer: HillL, 18-Mar-2011 15:53:10
Audit Action: Manually Integrated
Audit Reason: Wrong peak
Second Level Reviewer: SchoveJ, Date: 24-Mar-2011 11:52:15

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5528.D
 Lims ID: STD-2 Client ID:
 Inject. Date: 18-Mar-2011 13:23:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: STD-2
 Misc. Info.: 480-0001622-003
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 8779 Lims Sample ID: 3
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 24-Mar-2011 11:52:19 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL Date: 18-Mar-2011 15:54:11
 Second Level Reviewer: BrandtT Date: 21-Mar-2011 12:04:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	740107	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	83	657676	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	337444	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.245	4.251	-0.006	0	42524	4.36	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	141725	4.42	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	85	43927	4.30	
11 Dichlorodifluoromethane	85	1.008	1.014	-0.006	98	30087	5.04	
13 Chloromethane	50	1.087	1.099	-0.012	88	37817	5.17	
14 Vinyl chloride	62	1.172	1.179	-0.006	81	33756	5.03	
15 Bromomethane	94	1.361	1.373	-0.012	90	19844	6.28	
16 Chloroethane	64	1.422	1.434	-0.012	99	21428	5.99	
18 Trichlorofluoromethane	101	1.629	1.635	-0.006	85	35357	4.95	
20 Acrolein	56	1.957	1.951	0.006	99	51646	92.3	
22 1,1-Dichloroethene	96	2.000	2.018	-0.018	86	38953	5.08	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.018	-0.012	51	37149	5.33	
23 Acetone	43	2.091	2.091	0.0	95	62242	25.9	M
24 Iodomethane	142	2.127	2.134	-0.007	98	47962	5.21	
25 Carbon disulfide	76	2.182	2.194	-0.012	99	110494	5.38	
28 Methyl acetate	43	2.346	2.347	-0.001	74	41427	5.07	
29 Acetonitrile	40	2.346	2.353	-0.007	97	100198	192.5	
30 Methylene Chloride	84	2.432	2.438	-0.006	94	42135	5.06	
33 trans-1,2-Dichloroethene	96	2.626	2.632	-0.006	93	40194	5.07	
32 Methyl tert-butyl ether	73	2.638	2.639	-0.001	96	130046	5.17	
34 Acrylonitrile	53	2.675	2.675	0.0	99	69494	25.2	
36 1,1-Dichloroethane	63	3.003	3.004	-0.001	81	74752	5.05	
39 Vinyl acetate	43	3.058	3.058	0.0	97	390637	26.1	
42 2,2-Dichloropropane	77	3.490	3.502	-0.012	89	50289	5.54	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	68	43327	4.98	
44 2-Butanone (MEK)	43	3.575	3.563	0.012	94	95819	24.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
47 Chlorobromomethane	128	3.734	3.740	-0.006	97	19496	4.87	
49 Tetrahydrofuran	42	3.782	3.770	0.012	87	64540	24.9	
50 Chloroform	83	3.825	3.825	0.0	78	70882	4.91	
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	99	47361	5.05	
52 Cyclohexane	56	3.940	3.940	0.0	90	72136	5.09	
53 Carbon tetrachloride	117	4.062	4.062	0.0	53	45172	4.84	
54 1,1-Dichloropropene	75	4.062	4.068	-0.006	94	60633	5.02	
55 Benzene	78	4.251	4.257	-0.006	96	179013	5.08	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	98	56510	5.04	
60 Trichloroethene	95	4.853	4.853	0.0	98	42508	4.97	
62 Methylcyclohexane	83	4.968	4.975	-0.007	90	78856	5.20	
63 1,2-Dichloropropane	63	5.072	5.078	-0.006	94	44535	5.11	
64 Dibromomethane	93	5.206	5.206	0.0	97	23708	4.99	
67 Dichlorobromomethane	83	5.370	5.370	0.0	99	49991	4.86	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	92	133704	24.9	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	95	67230	4.90	
72 4-Methyl-2-pentanone (MIBK)	43	5.942	5.936	0.006	98	203886	25.0	
73 Toluene	92	6.057	6.058	-0.001	98	109383	4.95	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	92	60323	4.71	
77 Ethyl methacrylate	69	6.416	6.416	0.0	88	57187	4.86	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	84	30577	4.92	
79 Tetrachloroethene	166	6.575	6.575	0.0	97	47092	5.15	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	90	65389	4.86	
82 2-Hexanone	43	6.769	6.769	0.0	98	145691	25.1	
83 Chlorodibromomethane	129	6.897	6.903	-0.006	88	34367	4.65	
84 Ethylene Dibromide	107	6.988	6.988	0.0	96	36650	4.95	
85 Chlorobenzene	112	7.469	7.469	0.0	94	121331	5.00	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	72	37542	5.01	
88 Ethylbenzene	91	7.572	7.572	0.0	98	210480	5.13	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	100	166861	10.1	
91 o-Xylene	106	8.108	8.114	-0.006	96	79966	5.00	
92 Styrene	104	8.144	8.144	0.0	94	132202	5.01	
93 Bromoform	173	8.363	8.369	-0.006	97	18173	3.85	
95 Isopropylbenzene	105	8.503	8.503	0.0	96	202902	4.95	
97 Bromobenzene	156	8.825	8.826	-0.001	93	51147	5.06	
98 1,1,2,2-Tetrachloroethane	83	8.917	8.923	-0.006	87	47311	4.98	
99 1,2,3-Trichloropropane	110	8.935	8.935	0.0	36	12465	4.98	
100 N-Propylbenzene	91	8.941	8.941	0.0	100	248674	5.09	
101 trans-1,4-Dichloro-2-butene	53	8.965	8.965	0.0	86	40448	16.4	
102 2-Chlorotoluene	126	9.032	9.032	0.0	96	49036	5.10	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	95	173987	5.09	
105 4-Chlorotoluene	91	9.154	9.154	0.0	99	166027	5.09	
106 tert-Butylbenzene	134	9.482	9.483	-0.001	92	37746	5.08	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	97	175144	5.01	
109 sec-Butylbenzene	105	9.708	9.708	0.0	94	224273	5.09	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	93183	5.00	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	97	186160	5.11	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	96	96188	5.00	
115 n-Butylbenzene	91	10.273	10.273	0.0	97	167872	5.03	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	97	91157	5.10	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	77	6869	4.52	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	93	63130	4.74	

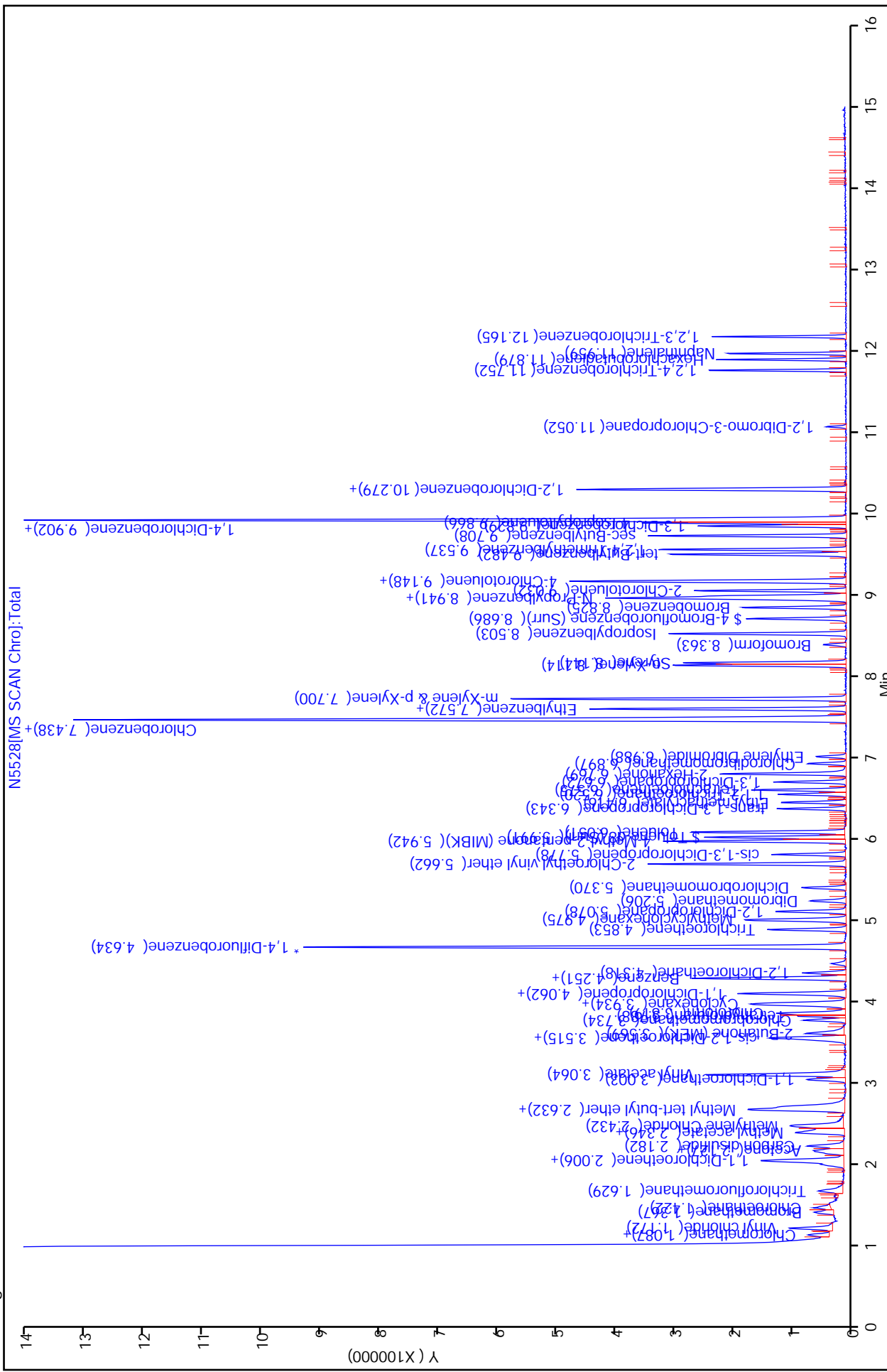
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
120 Hexachlorobutadiene	225	11.879	11.880	-0.001	97	35386	5.17	
121 Naphthalene	128	11.959	11.959	-0.001	94	134419	4.82	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	96	56030	4.91	
S 125 Total BTEX	1				0		30.2	
S 126 Xylenes, Total	1				0		15.1	
S 123 1,3-Dichloropropene, Total	1				0		9.61	
S 124 1,2-Dichloroethene, Total	1				0		10.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 24-Mar-2011 11:52:19
 Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5528.D
 Injection Date: 18-Mar-2011 13:23:30
 Client ID: MV - 8260B ICAL
 Lims Batch ID: 8779
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Y Scaling:

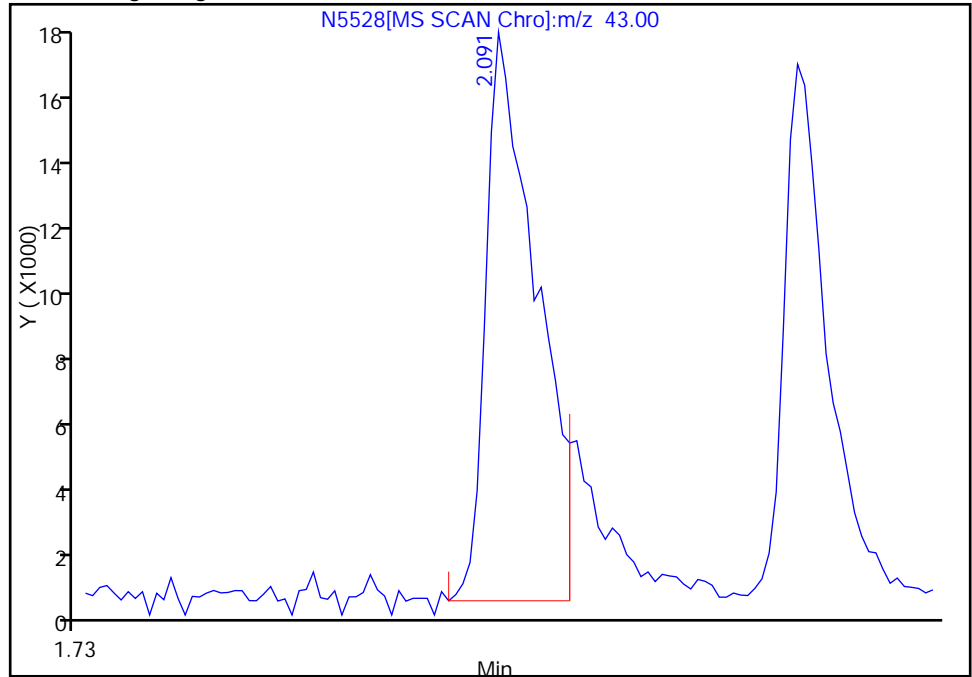


Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5528.D
Injection Date: 18-Mar-2011 13:23:30 Limit Group: MV - 8260B ICAL
Client ID: Instrument ID: HP5973N
Lims Batch ID: 8779 Lims Sample ID: 3
Operator ID: LH
Column Type: ZB-624 Column Dia: 0.25 mm

23 Acetone, Signal: 1, m/z: 43.0 Type: quant, RT: 2.09

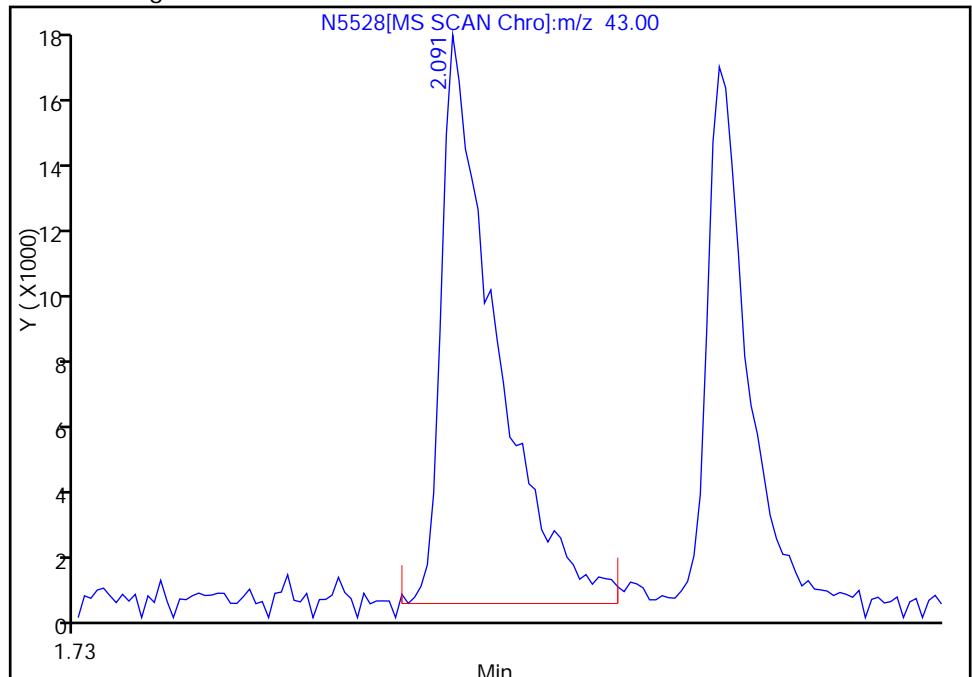
RT: 2.09
Response: 51965
Amount: 20.391002

Processing Integration Results



RT: 2.09
Response: 62242
Amount: 25.916180

Manual Integration Results



Reviewer: HillL, 18-Mar-2011 15:54:11
Audit Action: Manually Integrated
Audit Reason: Split Peak
Second Level Reviewer: BrandtT, Date: 21-Mar-2011 12:04:39

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5529.D
 Lims ID: STD-3 Client ID:
 Inject. Date: 18-Mar-2011 13:46:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: STD-3
 Misc. Info.: 480-0001622-004
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 8779 Lims Sample ID: 4
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 24-Mar-2011 11:52:21 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: SchoveJ

Date: 24-Mar-2011 11:52:21

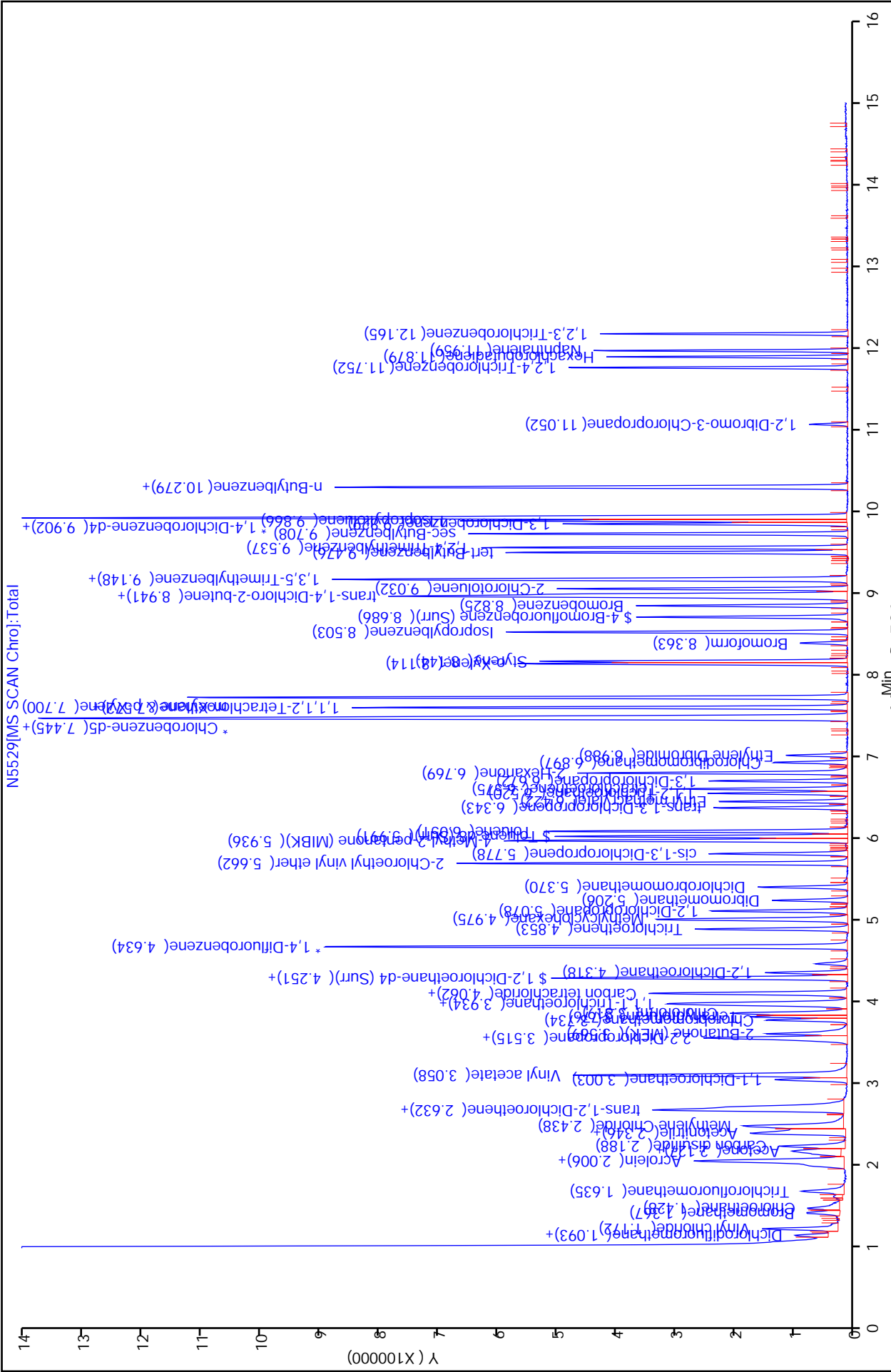
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.634	4.634	0.0	93	735899	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	83	652680	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	340765	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	91332	9.42	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	302471	9.50	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	96052	9.47	
11 Dichlorodifluoromethane	85	1.014	1.014	0.0	87	60494	10.2	
13 Chloromethane	50	1.093	1.099	-0.006	87	72246	9.94	
14 Vinyl chloride	62	1.178	1.179	0.0	81	67831	10.2	
15 Bromomethane	94	1.367	1.373	-0.006	90	32635	10.4	
16 Chloroethane	64	1.428	1.434	-0.006	100	38379	10.8	
18 Trichlorofluoromethane	101	1.635	1.635	0.0	82	78187	11.0	
20 Acrolein	56	1.957	1.951	0.006	100	108265	194.7	
22 1,1-Dichloroethene	96	2.006	2.018	-0.012	87	74315	9.74	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.018	-0.012	82	69676	10.1	
23 Acetone	43	2.091	2.091	0.0	94	127024	53.2	
24 Iodomethane	142	2.127	2.134	-0.007	99	90863	9.93	
25 Carbon disulfide	76	2.188	2.194	-0.006	99	210274	10.3	
28 Methyl acetate	43	2.346	2.347	-0.001	63	88740	10.9	
29 Acetonitrile	40	2.346	2.353	-0.007	99	197285	381.3	
30 Methylene Chloride	84	2.438	2.438	0.0	94	80447	9.72	
33 trans-1,2-Dichloroethene	96	2.632	2.632	0.0	94	78206	9.91	
32 Methyl tert-butyl ether	73	2.632	2.639	-0.007	95	254504	10.2	
34 Acrylonitrile	53	2.669	2.675	-0.006	99	132584	48.3	
36 1,1-Dichloroethane	63	3.003	3.004	-0.001	82	145311	9.87	
39 Vinyl acetate	43	3.058	3.058	0.0	97	783536	52.7	
42 2,2-Dichloropropane	77	3.496	3.502	-0.006	76	95866	10.6	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	67	87861	10.2	
44 2-Butanone (MEK)	43	3.569	3.563	0.006	93	193637	49.4	
47 Chlorobromomethane	128	3.740	3.740	0.0	98	40080	10.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.776	3.770	0.006	88	129682	50.3	
50 Chloroform	83	3.825	3.825	0.0	79	141505	9.86	
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	99	94555	10.1	
52 Cyclohexane	56	3.940	3.940	0.0	90	141866	10.1	
53 Carbon tetrachloride	117	4.056	4.062	-0.006	85	90831	9.79	
54 1,1-Dichloropropene	75	4.068	4.068	0.0	97	120613	10.0	
55 Benzene	78	4.251	4.257	-0.006	96	347273	9.90	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	97	113007	10.1	
60 Trichloroethene	95	4.853	4.853	0.0	98	85426	10.0	
62 Methylcyclohexane	83	4.975	4.975	0.0	89	154494	10.3	
63 1,2-Dichloropropane	63	5.078	5.078	0.0	95	87091	10.1	
64 Dibromomethane	93	5.200	5.206	-0.006	98	47327	10.0	
67 Dichlorobromomethane	83	5.370	5.370	0.0	100	99302	9.71	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	93	269707	50.5	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	95	132433	9.71	
72 4-Methyl-2-pentanone (MIBK)	43	5.936	5.936	0.0	86	410149	50.6	
73 Toluene	92	6.051	6.058	-0.007	98	216953	9.89	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	93	122090	9.60	
77 Ethyl methacrylate	69	6.422	6.416	0.006	88	110674	9.48	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	85	61378	9.95	
79 Tetrachloroethene	166	6.575	6.575	0.0	93	90236	9.95	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	90	133091	9.96	
82 2-Hexanone	43	6.769	6.769	0.0	96	289833	50.3	
83 Chlorodibromomethane	129	6.897	6.903	-0.006	88	68359	9.32	
84 Ethylene Dibromide	107	6.982	6.988	-0.006	98	72722	9.90	
85 Chlorobenzene	112	7.469	7.469	0.0	94	237096	9.85	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	29	72689	9.78	
88 Ethylbenzene	91	7.572	7.572	0.0	98	406073	9.98	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	100	326178	19.8	
91 o-Xylene	106	8.114	8.114	0.0	96	156285	9.85	
92 Styrene	104	8.144	8.144	0.0	93	263287	10.0	
93 Bromoform	173	8.369	8.369	0.0	98	38032	8.11	
95 Isopropylbenzene	105	8.503	8.503	0.0	95	412235	9.97	
97 Bromobenzene	156	8.825	8.826	-0.001	92	99776	9.78	
98 1,1,2,2-Tetrachloroethane	83	8.923	8.923	0.0	87	91394	9.53	
99 1,2,3-Trichloropropane	110	8.935	8.935	0.0	43	25367	10.0	
100 N-Propylbenzene	91	8.941	8.941	0.0	100	487673	9.89	
101 trans-1,4-Dichloro-2-butene	53	8.965	8.965	0.0	91	95269	38.3	
102 2-Chlorotoluene	126	9.032	9.032	0.0	96	94156	9.69	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	95	344105	9.98	
105 4-Chlorotoluene	91	9.154	9.154	0.0	99	323669	9.83	
106 tert-Butylbenzene	134	9.476	9.483	-0.007	92	72796	9.69	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	98	346084	9.81	
109 sec-Butylbenzene	105	9.708	9.708	0.0	93	443202	9.96	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	185402	9.86	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	97	364153	9.90	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	96	191886	9.88	
115 n-Butylbenzene	91	10.273	10.273	0.0	97	330742	9.82	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	97	176727	9.79	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	79	14657	9.55	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	91	134408	10.0	
120 Hexachlorobutadiene	225	11.879	11.880	-0.001	98	67411	9.74	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.959	11.959	0.0	98	277355	9.85	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	96	115021	9.98	
S 125 Total BTEX	1				0		59.4	
S 126 Xylenes, Total	1				0		29.7	
S 123 1,3-Dichloropropene, Total	1				0		19.3	
S 124 1,2-Dichloroethene, Total	1				0		20.1	

Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 4

N5529[MS SCAN Chro]:Total



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5530.D
 Lims ID: STD-4 Client ID:
 Inject. Date: 18-Mar-2011 14:09:30 Dil. Factor: 1.0000
 Sample Type: ICIS Calib Level: 4
 Sample ID: STD-4
 Misc. Info.: 480-0001622-005
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 8779 Lims Sample ID: 5
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 24-Mar-2011 11:52:30 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: Hilll

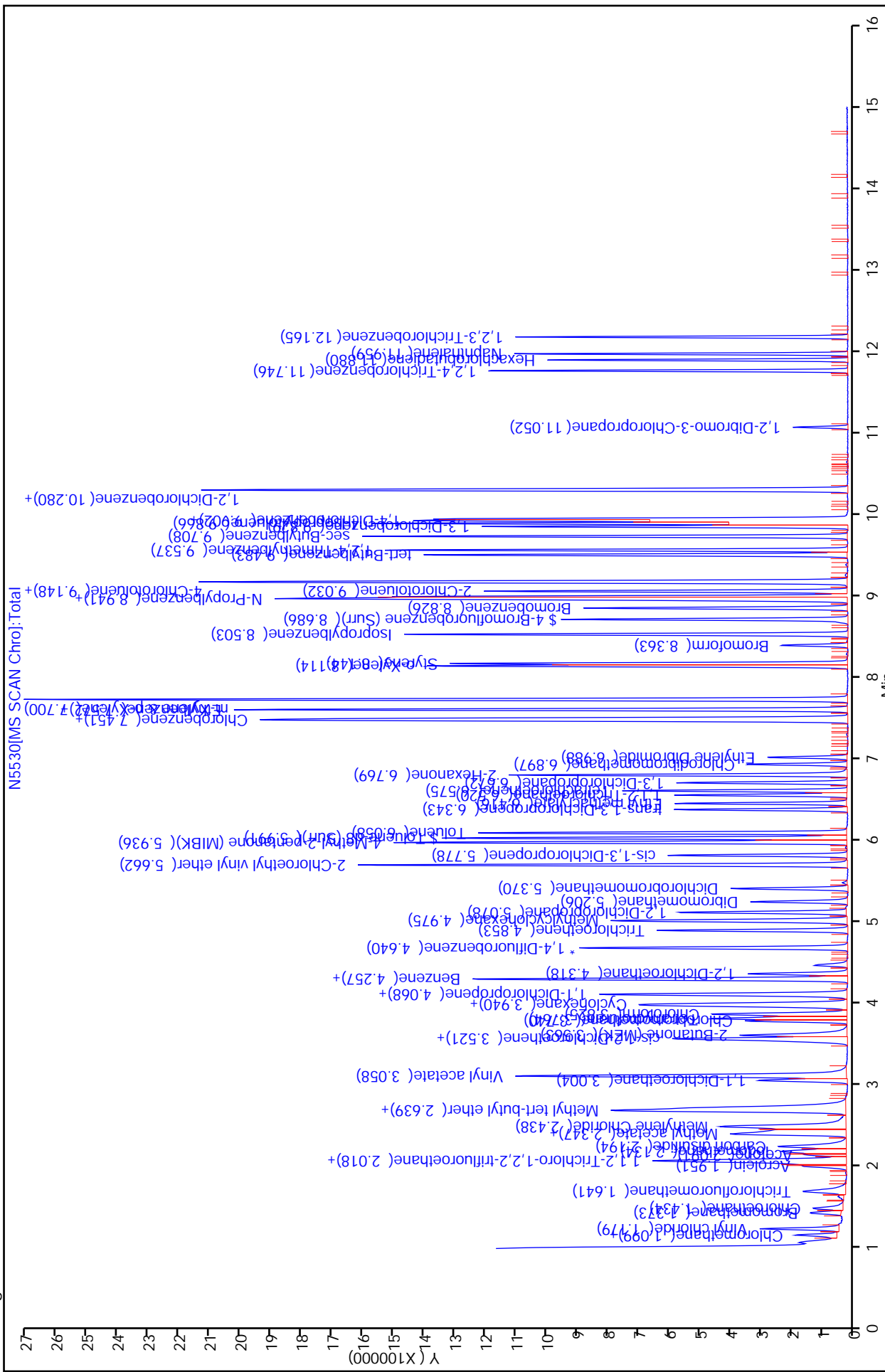
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Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	92	746541	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.439	0.0	84	655958	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	82	342462	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	250289	25.4	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	849850	26.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	86	259598	25.5	
11 Dichlorodifluoromethane	85	1.014	1.014	0.0	99	149844	24.9	
13 Chloromethane	50	1.099	1.099	0.0	88	167117	22.7	
14 Vinyl chloride	62	1.179	1.179	0.0	81	162706	24.0	
15 Bromomethane	94	1.373	1.373	0.0	90	79616	25.0	
16 Chloroethane	64	1.434	1.434	0.0	100	87329	24.2	
18 Trichlorofluoromethane	101	1.635	1.635	0.0	85	182246	25.3	
20 Acrolein	56	1.951	1.951	0.0	100	269936	478.5	
22 1,1-Dichloroethene	96	2.018	2.018	0.0	86	183314	23.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.018	2.018	0.0	53	171963	24.5	
23 Acetone	43	2.091	2.091	0.0	98	297840	122.9	
24 Iodomethane	142	2.134	2.134	0.0	98	224471	24.2	
25 Carbon disulfide	76	2.194	2.194	0.0	99	483568	23.4	
28 Methyl acetate	43	2.347	2.347	0.0	84	200063	24.3	
29 Acetonitrile	40	2.347	2.347	0.0	99	493985	941.1	
30 Methylene Chloride	84	2.438	2.438	0.0	94	191626	22.8	
33 trans-1,2-Dichloroethene	96	2.632	2.632	0.0	87	193712	24.2	
32 Methyl tert-butyl ether	73	2.639	2.639	0.0	95	627298	24.7	
34 Acrylonitrile	53	2.675	2.675	0.0	99	344786	123.8	
36 1,1-Dichloroethane	63	3.004	3.004	0.0	82	356990	23.9	
39 Vinyl acetate	43	3.058	3.058	0.0	97	1939100	128.7	
42 2,2-Dichloropropane	77	3.502	3.502	0.0	87	224194	24.5	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	68	213407	24.3	
44 2-Butanone (MEK)	43	3.563	3.563	0.0	100	487583	122.7	
47 Chlorobromomethane	128	3.740	3.740	0.0	98	98314	24.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.770	3.770	0.0	88	327223	125.2	
50 Chloroform	83	3.825	3.825	0.0	79	343815	23.6	
51 1,1,1-Trichloroethane	97	3.928	3.928	0.0	99	226372	23.9	
52 Cyclohexane	56	3.940	3.940	0.0	89	335462	23.5	
53 Carbon tetrachloride	117	4.062	4.062	0.0	86	227452	24.2	
54 1,1-Dichloropropene	75	4.068	4.068	0.0	97	295437	24.2	
55 Benzene	78	4.257	4.257	0.0	97	848731	23.9	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	98	275507	24.3	
60 Trichloroethene	95	4.853	4.853	0.0	97	203811	23.6	
62 Methylcyclohexane	83	4.975	4.975	0.0	88	369771	24.2	
63 1,2-Dichloropropane	63	5.078	5.078	0.0	94	211547	24.1	
64 Dibromomethane	93	5.206	5.206	0.0	99	116121	24.2	
67 Dichlorobromomethane	83	5.370	5.370	0.0	99	256673	24.7	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	93	675652	124.7	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	95	338076	24.4	
72 4-Methyl-2-pentanone (MIBK)	43	5.936	5.936	0.0	97	1016977	124.8	
73 Toluene	92	6.058	6.058	0.0	99	538620	24.4	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	93	309286	24.2	
77 Ethyl methacrylate	69	6.416	6.416	0.0	87	286804	24.4	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	86	151869	24.5	
79 Tetrachloroethene	166	6.575	6.575	0.0	92	221011	24.2	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	90	330284	24.6	
82 2-Hexanone	43	6.769	6.769	0.0	97	737402	127.2	
83 Chlorodibromomethane	129	6.903	6.903	0.0	90	177381	24.1	
84 Ethylene Dibromide	107	6.988	6.988	0.0	99	181822	24.6	
85 Chlorobenzene	112	7.469	7.469	0.0	93	588843	24.4	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	88	187233	25.1	
88 Ethylbenzene	91	7.572	7.572	0.0	98	998121	24.4	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	100	806398	48.8	
91 o-Xylene	106	8.114	8.114	0.0	96	390100	24.5	
92 Styrene	104	8.144	8.144	0.0	93	648493	24.6	
93 Bromoform	173	8.369	8.369	0.0	98	105630	22.4	
95 Isopropylbenzene	105	8.503	8.503	0.0	95	1010333	24.3	
97 Bromobenzene	156	8.826	8.826	0.0	92	248186	24.2	
98 1,1,2,2-Tetrachloroethane	83	8.923	8.923	0.0	87	232990	24.2	
99 1,2,3-Trichloropropane	110	8.935	8.935	0.0	86	62838	24.8	
100 N-Propylbenzene	91	8.941	8.941	0.0	100	1199439	24.2	
101 trans-1,4-Dichloro-2-butene	53	8.965	8.965	0.0	95	274442	109.7	
102 2-Chlorotoluene	126	9.032	9.032	0.0	96	236863	24.3	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	94	847606	24.5	
105 4-Chlorotoluene	91	9.154	9.154	0.0	99	802049	24.2	
106 tert-Butylbenzene	134	9.477	9.477	0.0	92	185949	24.6	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	98	859839	24.2	
109 sec-Butylbenzene	105	9.708	9.708	0.0	93	1097842	24.5	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	457501	24.2	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	97	891798	24.1	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	95	477368	24.5	
115 n-Butylbenzene	91	10.273	10.273	0.0	97	829533	24.5	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	96	437804	24.1	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	83	38733	25.1	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	94	332891	24.6	
120 Hexachlorobutadiene	225	11.880	11.880	0.0	98	168897	24.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.959	11.959	0.0	98	718889	25.4	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	96	298388	25.8	
S 125 Total BTEX	1				0		145.9	
S 126 Xylenes, Total	1				0		73.2	
S 123 1,3-Dichloropropene, Total	1				0		48.6	
S 124 1,2-Dichloroethene, Total	1				0		48.5	

Report Date: 24-Mar-2011 11:52:30
 Data File: \\Bucchrom\ChromData\HP5973N\20110318-1622.b\N5530.D
 Injection Date: 18-Mar-2011 14:09:30
 Client ID: MV - 8260B ICAL
 Lims Batch ID: 8779
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5531.D
 Lims ID: STD-5 Client ID:
 Inject. Date: 18-Mar-2011 14:32:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: STD-5
 Misc. Info.: 480-0001622-006
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 8779 Lims Sample ID: 6
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 24-Mar-2011 11:52:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

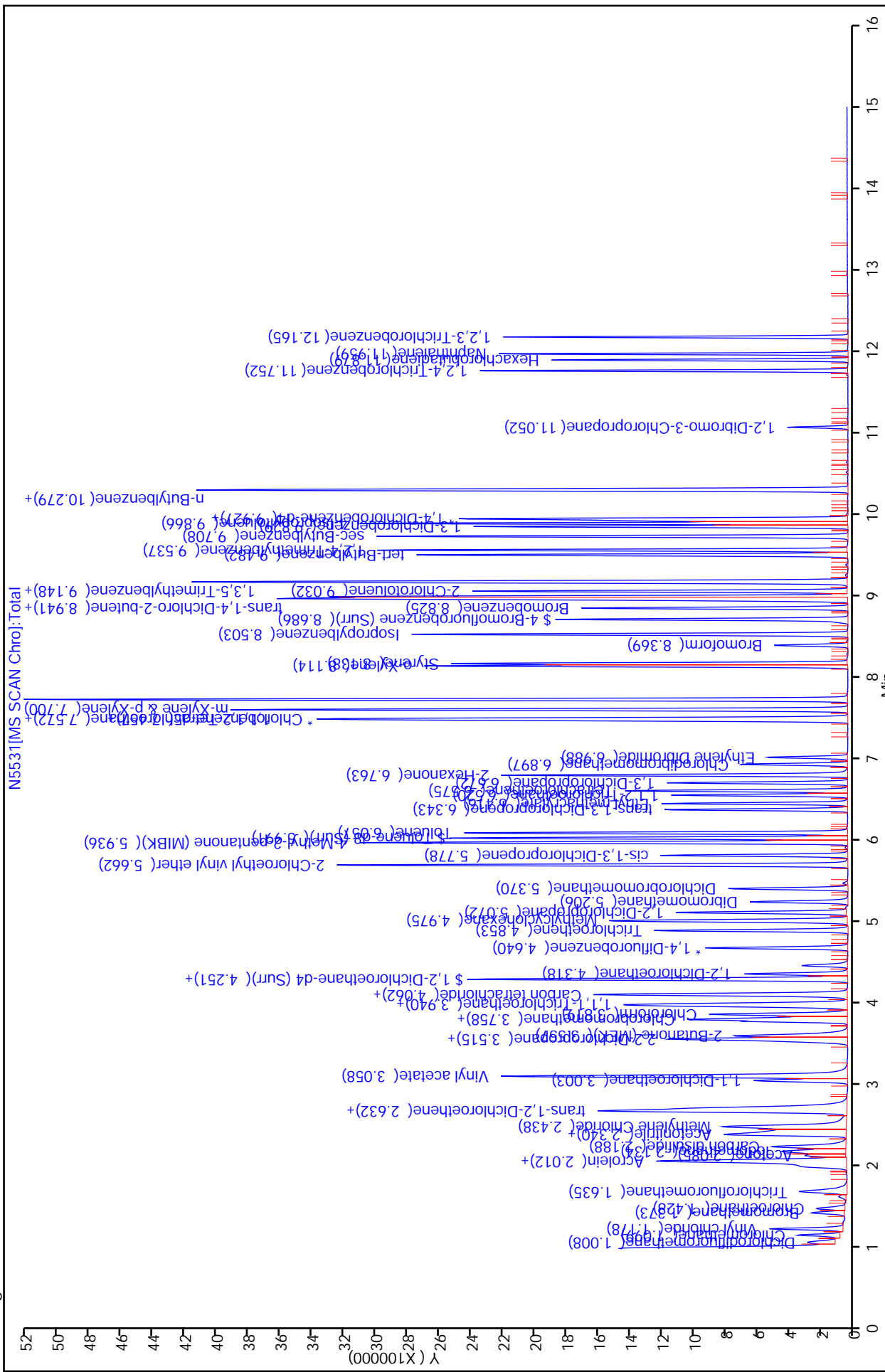
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Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	93	734385	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	0.0	84	647791	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	335265	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	482295	49.8	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	1598286	50.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	86	495467	49.2	
11 Dichlorodifluoromethane	85	1.014	1.014	0.0	87	287410	48.5	
13 Chloromethane	50	1.099	1.099	0.0	88	329708	45.5	
14 Vinyl chloride	62	1.178	1.179	0.0	82	324740	48.8	
15 Bromomethane	94	1.373	1.373	0.0	90	156867	50.1	
16 Chloroethane	64	1.428	1.434	-0.006	100	177410	49.9	
18 Trichlorofluoromethane	101	1.641	1.635	0.006	96	386867	54.5	
20 Acrolein	56	1.945	1.951	-0.006	99	526379	948.5	
22 1,1-Dichloroethene	96	2.012	2.018	-0.006	87	354834	46.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.012	2.018	-0.006	54	336915	48.7	
23 Acetone	43	2.085	2.091	-0.006	94	583359	244.8	
24 Iodomethane	142	2.134	2.134	0.0	98	448436	49.1	
25 Carbon disulfide	76	2.188	2.194	-0.006	99	1002415	49.2	
28 Methyl acetate	43	2.340	2.347	-0.007	83	394985	48.7	
29 Acetonitrile	40	2.340	2.347	-0.007	99	992983	1923.1	
30 Methylene Chloride	84	2.438	2.438	0.0	94	378794	45.9	
33 trans-1,2-Dichloroethene	96	2.632	2.632	0.0	64	372557	47.3	
32 Methyl tert-butyl ether	73	2.632	2.639	-0.007	94	1246453	49.9	
34 Acrylonitrile	53	2.669	2.675	-0.006	98	692119	252.7	
36 1,1-Dichloroethane	63	3.003	3.004	-0.001	82	702552	47.8	
39 Vinyl acetate	43	3.058	3.058	0.0	97	3819120	257.6	
42 2,2-Dichloropropane	77	3.496	3.502	-0.006	74	448737	50.0	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	69	411210	47.6	
44 2-Butanone (MEK)	43	3.557	3.563	-0.006	99	964332	246.6	
47 Chlorobromomethane	128	3.734	3.740	-0.006	98	191584	48.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.758	3.770	-0.012	86	648303	252.2	
50 Chloroform	83	3.819	3.825	-0.006	79	669307	46.7	
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	99	460948	49.5	
52 Cyclohexane	56	3.940	3.940	0.0	89	651764	46.4	
53 Carbon tetrachloride	117	4.056	4.062	-0.006	88	454583	49.1	
54 1,1-Dichloropropene	75	4.062	4.068	-0.006	97	578570	48.2	
55 Benzene	78	4.257	4.257	0.0	96	1636342	46.8	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	98	530920	47.7	
60 Trichloroethene	95	4.853	4.853	0.0	97	401977	47.3	
62 Methylcyclohexane	83	4.975	4.975	0.0	88	734252	48.8	
63 1,2-Dichloropropane	63	5.072	5.078	-0.006	94	409746	47.4	
64 Dibromomethane	93	5.206	5.206	0.0	99	227234	48.2	
67 Dichlorobromomethane	83	5.370	5.370	0.0	100	504582	49.4	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	92	1357501	254.8	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	95	665765	48.9	
72 4-Methyl-2-pentanone (MIBK)	43	5.936	5.936	0.0	97	1979724	246.0	
73 Toluene	92	6.057	6.058	-0.001	99	1041096	47.8	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	93	618534	49.0	
77 Ethyl methacrylate	69	6.416	6.416	0.0	88	569392	49.1	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	85	299157	48.9	
79 Tetrachloroethene	166	6.575	6.575	0.0	92	421893	46.9	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	90	644413	48.6	
82 2-Hexanone	43	6.763	6.769	-0.006	96	1423922	248.8	
83 Chlorodibromomethane	129	6.903	6.903	0.0	89	356248	48.9	
84 Ethylene Dibromide	107	6.988	6.988	0.0	98	359048	49.2	
85 Chlorobenzene	112	7.469	7.469	0.0	93	1137250	47.6	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	89	369585	50.1	
88 Ethylbenzene	91	7.572	7.572	0.0	98	1914876	47.4	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	100	1537733	94.1	
91 o-Xylene	106	8.114	8.114	0.0	96	755074	47.9	
92 Styrene	104	8.144	8.144	0.0	83	1253584	48.2	
93 Bromoform	173	8.369	8.369	0.0	98	219473	47.1	
95 Isopropylbenzene	105	8.503	8.503	0.0	96	1922876	47.3	
97 Bromobenzene	156	8.825	8.826	-0.001	93	477048	47.5	
98 1,1,2,2-Tetrachloroethane	83	8.923	8.923	0.0	87	458934	48.6	
99 1,2,3-Trichloropropane	110	8.941	8.935	0.006	72	121095	48.7	
100 N-Propylbenzene	91	8.941	8.941	0.0	99	2315007	47.7	
101 trans-1,4-Dichloro-2-butene	53	8.965	8.965	0.0	95	584392	238.7	
102 2-Chlorotoluene	126	9.032	9.032	0.0	96	452432	47.3	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	94	1627847	48.0	
105 4-Chlorotoluene	91	9.154	9.154	0.0	100	1524238	47.0	
106 tert-Butylbenzene	134	9.482	9.477	0.006	92	352128	47.7	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	98	1649773	47.5	
109 sec-Butylbenzene	105	9.708	9.708	0.0	94	2089406	47.7	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	896098	48.4	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	97	1729114	47.8	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	94	914182	47.8	
115 n-Butylbenzene	91	10.273	10.273	0.0	98	1599352	48.3	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	96	838240	47.2	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	83	79632	52.8	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	93	660418	49.9	
120 Hexachlorobutadiene	225	11.886	11.880	0.006	98	327529	48.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.959	11.959	-0.001	98	1425430	51.5	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	96	578003	51.0	
S 125 Total BTEX	1				0		284.1	
S 126 Xylenes, Total	1				0		142.1	
S 123 1,3-Dichloropropene, Total	1				0		97.9	
S 124 1,2-Dichloroethene, Total	1				0		95.0	

Report Date: 24-Mar-2011 11:52:35
 Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5531.D
 Injection Date: 18-Mar-2011 14:32:30
 Client ID: 18-Mar-2011 14:32:30
 Lims Batch ID: 8779
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 6
 Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5532.D
 Lims ID: STD-6 Client ID:
 Inject. Date: 18-Mar-2011 14:55:30 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: STD-6
 Misc. Info.: 480-0001622-007
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 8779 Lims Sample ID: 7
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 24-Mar-2011 11:52:40 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-19

First Level Reviewer: HillL

Date: 18-Mar-2011 16:00:26

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.634	4.640	-0.006	93	750060	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	0.0	85	658044	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	337437	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.244	4.251	-0.007	0	966247	97.8	
\$ 6 Toluene-d8 (Surr)	98	5.990	5.991	-0.001	80	3074433	95.8	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	85	962290	94.1	
11 Dichlorodifluoromethane	85	1.002	1.014	-0.012	87	601370	99.4	
13 Chloromethane	50	1.093	1.099	-0.006	88	647939	87.5	
14 Vinyl chloride	62	1.172	1.179	-0.006	82	644656	94.8	
15 Bromomethane	94	1.367	1.373	-0.006	91	319602	99.9	
16 Chloroethane	64	1.422	1.434	-0.012	100	356528	98.3	
18 Trichlorofluoromethane	101	1.629	1.635	-0.006	86	717096	99.0	
20 Acrolein	56	1.939	1.951	-0.012	100	1094324	1930.7	
22 1,1-Dichloroethene	96	2.006	2.018	-0.012	87	702887	90.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.018	-0.012	58	676076	95.8	
23 Acetone	43	2.073	2.091	-0.018	94	1218907	500.8	
24 Iodomethane	142	2.127	2.134	-0.007	98	907928	97.4	
25 Carbon disulfide	76	2.182	2.194	-0.012	99	2072668	99.6	
28 Methyl acetate	43	2.328	2.347	-0.019	98	816281	98.5	
29 Acetonitrile	40	2.334	2.347	-0.013	99	2030795	3850.7	
30 Methylene Chloride	84	2.432	2.438	-0.006	93	770142	91.3	
33 trans-1,2-Dichloroethene	96	2.620	2.632	-0.012	64	768140	95.5	
32 Methyl tert-butyl ether	73	2.620	2.639	-0.019	95	2571314	100.8	
34 Acrylonitrile	53	2.663	2.675	-0.012	98	1431082	511.5	
36 1,1-Dichloroethane	63	2.997	3.004	-0.007	82	1439639	96.0	
39 Vinyl acetate	43	3.052	3.058	-0.006	98	7337363	484.5	
42 2,2-Dichloropropane	77	3.490	3.502	-0.012	73	913647	100.0	
43 cis-1,2-Dichloroethene	96	3.514	3.521	-0.007	69	836880	94.9	
44 2-Butanone (MEK)	43	3.545	3.563	-0.018	100	1979624	495.7	
47 Chlorobromomethane	128	3.733	3.740	-0.007	98	394040	97.1	

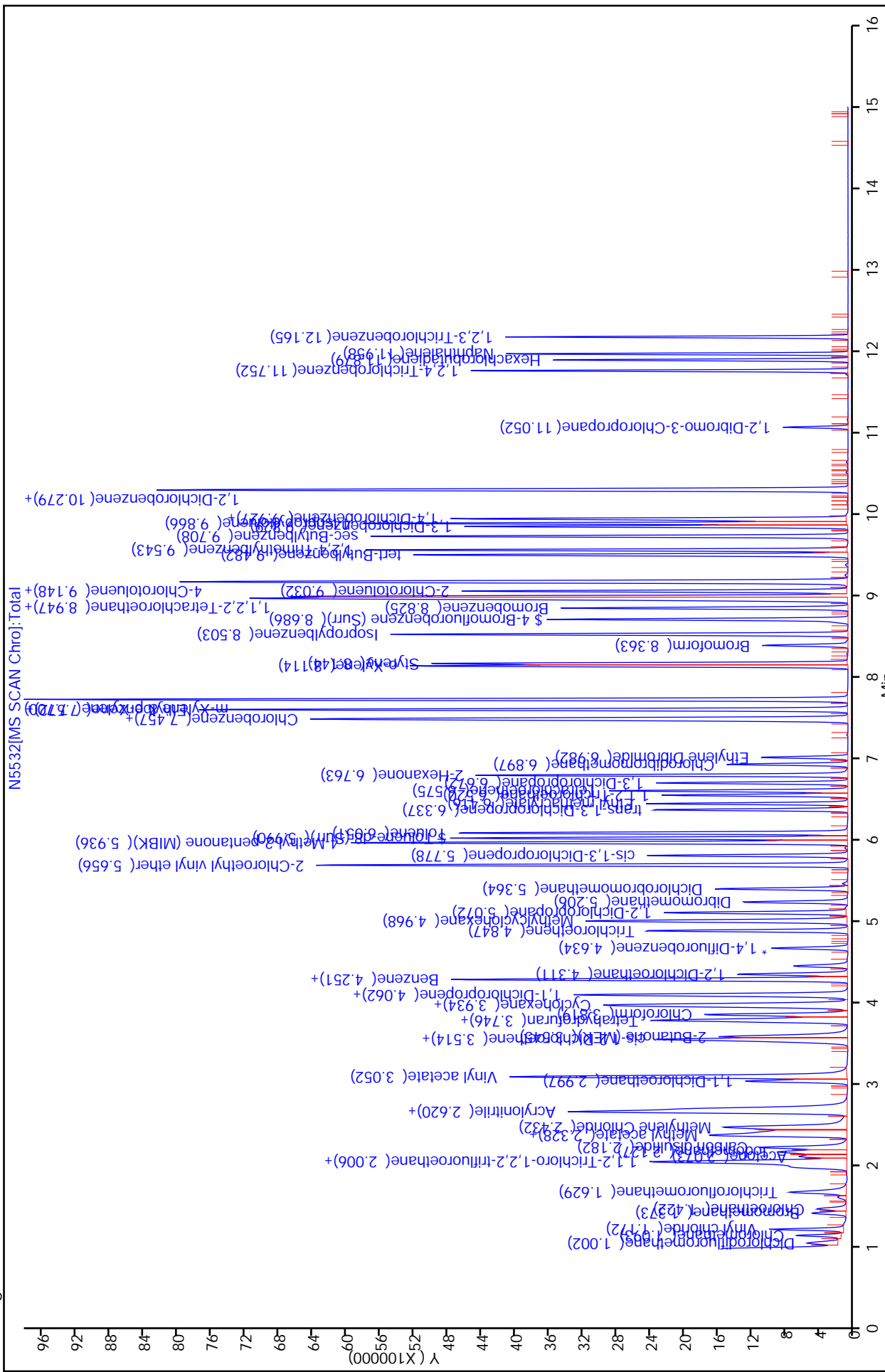
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.752	3.770	-0.018	87	1329087	506.3	
50 Chloroform	83	3.819	3.825	-0.006	79	1379769	94.3	
51 1,1,1-Trichloroethane	97	3.922	3.928	-0.006	99	972021	102.2	
52 Cyclohexane	56	3.940	3.940	0.0	89	1334512	93.0	
53 Carbon tetrachloride	117	4.056	4.062	-0.006	87	952465	100.7	
54 1,1-Dichloropropene	75	4.062	4.068	-0.006	96	1168868	95.4	
55 Benzene	78	4.251	4.257	-0.006	96	3279482	91.7	
57 1,2-Dichloroethane	62	4.311	4.318	-0.007	98	1095928	96.4	
60 Trichloroethene	95	4.847	4.853	-0.006	98	809685	93.3	
62 Methylcyclohexane	83	4.968	4.975	-0.007	88	1494705	97.3	
63 1,2-Dichloropropane	63	5.072	5.078	-0.006	94	841744	95.3	
64 Dibromomethane	93	5.200	5.206	-0.006	99	470264	97.6	
67 Dichlorobromomethane	83	5.364	5.370	-0.006	100	1054845	101.2	
69 2-Chloroethyl vinyl ether	63	5.656	5.662	-0.006	93	2742759	504.0	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	95	1374423	98.9	
72 4-Methyl-2-pentanone (MIBK)	43	5.936	5.936	0.0	96	3973062	486.0	
73 Toluene	92	6.057	6.058	-0.001	99	2070906	93.6	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	93	1291570	100.7	
77 Ethyl methacrylate	69	6.416	6.416	0.0	88	1184837	100.6	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	85	602950	97.0	
79 Tetrachloroethene	166	6.575	6.575	-0.001	92	853384	93.3	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	90	1322881	98.2	
82 2-Hexanone	43	6.763	6.769	-0.006	96	2912768	501.0	
83 Chlorodibromomethane	129	6.897	6.903	-0.006	89	762207	103.0	
84 Ethylene Dibromide	107	6.988	6.988	0.0	97	742935	100.3	
85 Chlorobenzene	112	7.469	7.469	0.0	93	2247773	92.7	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	89	749199	100.0	
88 Ethylbenzene	91	7.572	7.572	0.0	98	3744344	91.3	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	97	3015690	181.8	
91 o-Xylene	106	8.114	8.114	0.0	95	1525654	95.3	
92 Styrene	104	8.144	8.144	0.0	83	2513762	95.1	
93 Bromoform	173	8.363	8.369	-0.006	98	483854	102.3	
95 Isopropylbenzene	105	8.503	8.503	0.0	96	3818192	93.2	
97 Bromobenzene	156	8.825	8.826	-0.001	93	969908	96.0	
98 1,1,2,2-Tetrachloroethane	83	8.923	8.923	0.0	87	939156	98.9	
99 1,2,3-Trichloropropane	110	8.941	8.935	0.006	77	252319	100.9	
100 N-Propylbenzene	91	8.947	8.941	0.006	98	4476940	91.7	
101 trans-1,4-Dichloro-2-butene	53	8.971	8.965	0.006	88	1259319	511.1	
102 2-Chlorotoluene	126	9.032	9.032	0.0	96	896249	93.2	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	95	3195933	93.6	
105 4-Chlorotoluene	91	9.160	9.154	0.006	100	3035331	93.1	
106 tert-Butylbenzene	134	9.482	9.477	0.006	92	701786	94.4	
108 1,2,4-Trimethylbenzene	105	9.543	9.537	0.006	98	3255379	93.2	
109 sec-Butylbenzene	105	9.708	9.708	0.0	94	4045245	91.8	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	1793696	96.3	
111 4-Isopropyltoluene	119	9.872	9.866	0.006	96	3370295	92.5	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	93	1799102	93.5	
115 n-Butylbenzene	91	10.273	10.273	0.0	97	3104696	93.1	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	98	1644587	92.0	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	82	170253	112.1	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	93	1256012	94.3	
120 Hexachlorobutadiene	225	11.885	11.880	0.005	98	628772	91.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.958	11.959	-0.001	98	2696025	96.7	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	95	1059337	92.8	
S 125 Total BTEX	1				0		553.7	
S 126 Xylenes, Total	1				0		277.1	
S 123 1,3-Dichloropropene, Total	1				0		199.7	
S 124 1,2-Dichloroethene, Total	1				0		190.4	

Report Date: 24-Mar-2011 11:52:40
 Data File: \\Bucchrom\ChromData\HP5973N\20110318-1622.b\N5532.D
 Injection Date: 18-Mar-2011 14:55:30
 Client ID: 8779
 Lims Batch ID: LH
 Operator ID: ZB-624
 Column Type: ZB-624
 Y Scaling:

Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 7

Column Dia: 0.25 mm



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-11663/2 Calibration Date: 04/12/2011 10:28
 Instrument ID: HP5973C Calib Start Date: 03/21/2011 16:50
 GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 03/21/2011 18:57
 Lab File ID: C9833.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3057	0.3374		27.6	25.0	10.3	50.0
Chloromethane	Lin1F		0.4356	0.1000	30.3	25.0	21.0	50.0
Vinyl chloride	Ave	0.4169	0.4636		27.8	25.0	11.2	20.0
Bromomethane	Lin1F		0.3252		32.7	25.0	30.9	50.0
Chloroethane	Ave	0.2493	0.3146		31.6	25.0	26.2	50.0
Trichlorofluoromethane	Ave	0.4749	0.4954		26.1	25.0	4.3	50.0
Acrolein	Ave	0.0269	0.0217		403	500	-19.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3085	0.3233		26.2	25.0	4.8	50.0
1,1-Dichloroethene	Ave	0.2982	0.2954	0.1000	24.8	25.0	-0.9	20.0
Acetone	Ave	0.1182	0.0974		103	125	-17.6	50.0
Iodomethane	Ave	0.4130	0.4118		24.9	25.0	-0.3	50.0
Carbon disulfide	Ave	0.9929	0.9486		23.9	25.0	-4.5	50.0
Methyl acetate	Ave	0.3352	0.3174		23.7	25.0	-5.3	50.0
Acetonitrile	Ave	0.0260	0.0221		850	1000	-15.0	50.0
Methylene Chloride	Ave	0.3571	0.3512		24.6	25.0	-1.6	50.0
Methyl tert-butyl ether	Ave	0.9557	0.9064		23.7	25.0	-5.2	50.0
Acrylonitrile	Ave	0.1351	0.1233		114	125	-8.7	50.0
trans-1,2-Dichloroethene	Ave	0.3340	0.3329		24.9	25.0	-0.3	50.0
Vinyl acetate	Ave	0.5413	0.6177		143	125	14.1	50.0
1,1-Dichloroethane	Ave	0.5809	0.6318		27.2	25.0	8.8	50.0
2-Butanone (MEK)	Ave	0.1718	0.1433		104	125	-16.6	50.0
2,2-Dichloropropane	Ave	0.3872	0.5150		33.3	25.0	33.0	50.0
cis-1,2-Dichloroethene	Ave	0.3675	0.3670		25.0	25.0	-0.1	50.0
Bromochloromethane	Ave	0.1746	0.1763		25.2	25.0	1.0	50.0
Chloroform	Ave	0.6125	0.6080		24.8	25.0	-0.7	20.0
Tetrahydrofuran	Ave	0.1057	0.0910		108	125	-13.9	50.0
1,1,1-Trichloroethane	Ave	0.4712	0.5165		27.4	25.0	9.6	50.0
Cyclohexane	Ave	0.5687	0.5723		25.2	25.0	0.6	50.0
1,1-Dichloropropene	Ave	0.4366	0.4542		26.0	25.0	4.0	50.0
Carbon tetrachloride	Ave	0.3630	0.4577		31.5	25.0	26.1	50.0
Benzene	Ave	1.266	1.311		25.9	25.0	3.6	50.0
1,2-Dichloroethane	Ave	0.4907	0.4985		25.4	25.0	1.6	50.0
Trichloroethene	Ave	0.3422	0.3366		24.6	25.0	-1.6	50.0
Methylcyclohexane	Ave	0.5390	0.5323		24.7	25.0	-1.2	50.0
1,2-Dichloropropane	Ave	0.3176	0.3468		27.3	25.0	9.2	20.0
Dibromomethane	Ave	0.2189	0.2105		24.0	25.0	-3.8	50.0
Bromodichloromethane	Ave	0.4182	0.4500		26.9	25.0	7.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1715	0.1660		121	125	-3.2	50.0
cis-1,3-Dichloropropene	Ave	0.4396	0.4976		28.3	25.0	13.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6308	0.5507		109	125	-12.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-11663/2 Calibration Date: 04/12/2011 10:28
 Instrument ID: HP5973C Calib Start Date: 03/21/2011 16:50
 GC Column: ZB-624 (30) ID: 0.53 (mm) Calib End Date: 03/21/2011 18:57
 Lab File ID: C9833.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	1.431	1.432		25.0	25.0	0.0	20.0
Ethyl methacrylate	Ave	0.6266	0.6100		24.3	25.0	-2.6	50.0
trans-1,3-Dichloropropene	Ave	0.7083	0.8233		29.1	25.0	16.2	50.0
1,1,2-Trichloroethane	Ave	0.4532	0.4606		25.4	25.0	1.6	50.0
2-Hexanone	Ave	0.4382	0.3770		108	125	-14.0	50.0
Tetrachloroethene	Ave	0.6150	0.6505		26.4	25.0	5.8	50.0
1,3-Dichloropropane	Ave	0.9041	0.9069		25.1	25.0	0.3	50.0
Dibromochloromethane	Ave	0.5244	0.5442		25.9	25.0	3.8	50.0
1,2-Dibromoethane	Ave	0.5416	0.5219		24.1	25.0	-3.6	50.0
Chlorobenzene	Ave	1.558	1.584	0.3000	25.4	25.0	1.7	50.0
Ethylbenzene	Ave	2.778	2.767		24.9	25.0	-0.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4737	0.5703		30.1	25.0	20.4	50.0
m,p-Xylene	Ave	1.076	1.097		51.0	50.0	2.0	50.0
o-Xylene	Ave	1.055	1.046		24.8	25.0	-0.8	50.0
Styrene	Ave	1.607	1.656		25.8	25.0	3.1	50.0
Isopropylbenzene	Ave	2.797	2.757		24.6	25.0	-1.4	50.0
Bromoform	Ave	0.3182	0.3315	0.1000	26.0	25.0	4.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7593	0.7148	0.3000	23.5	25.0	-5.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2137	0.1435		84.0	125	-32.8	50.0
N-Propylbenzene	Ave	3.454	3.438		24.9	25.0	-0.4	50.0
1,2,3-Trichloropropane	Ave	0.2263	0.2264		25.0	25.0	0.0	50.0
Bromobenzene	Ave	0.6994	0.7072		25.3	25.0	1.1	50.0
1,3,5-Trimethylbenzene	Ave	2.294	2.313		25.2	25.0	0.8	50.0
2-Chlorotoluene	Ave	0.6506	0.6537		25.1	25.0	0.5	50.0
4-Chlorotoluene	Ave	0.6502	0.6619		25.4	25.0	1.8	50.0
tert-Butylbenzene	Ave	0.4878	0.4794		24.6	25.0	-1.7	50.0
1,2,4-Trimethylbenzene	Ave	2.386	2.384		25.0	25.0	-0.0	50.0
sec-Butylbenzene	Ave	3.047	3.053		25.0	25.0	0.2	50.0
4-Isopropyltoluene	Ave	2.390	2.363		24.7	25.0	-1.1	50.0
1,3-Dichlorobenzene	Ave	1.339	1.374		25.6	25.0	2.6	50.0
1,4-Dichlorobenzene	Ave	1.379	1.400		25.4	25.0	1.5	50.0
n-Butylbenzene	Ave	2.366	2.335		24.7	25.0	-1.3	50.0
1,2-Dichlorobenzene	Ave	1.318	1.314		24.9	25.0	-0.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1202	0.1194		24.8	25.0	-0.7	50.0
1,2,4-Trichlorobenzene	Ave	0.9633	0.8995		23.3	25.0	-6.6	50.0
Hexachlorobutadiene	Ave	0.4131	0.4302		26.0	25.0	4.2	50.0
Naphthalene	Ave	2.611	2.116		20.3	25.0	-19.0	50.0
1,2,3-Trichlorobenzene	Ave	0.9397	0.8611		22.9	25.0	-8.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2010	0.1991		24.8	25.0	-0.9	50.0
Toluene-d8 (Surr)	Ave	2.108	2.052		24.3	25.0	-2.6	50.0
4-Bromofluorobenzene (Surr)	Ave	0.7071	0.6330		22.4	25.0	-10.5	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9833.D
 Lims ID: ccvis Client ID:
 Inject. Date: 12-Apr-2011 10:28:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0002205-002
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 26
 Lims Batch ID: 11663 Lims Sample ID: 2
 Sublist: chrom-C-8260*sub1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 10:46:05 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL

Date: 12-Apr-2011 10:46:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	600520	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	335141	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	95	331000	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	119568	24.8	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	687705	24.3	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	89	212153	22.4	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	87	202583	27.6	
12 Chloromethane	50	4.877	4.877	0.0	99	261582	30.3	
13 Vinyl chloride	62	5.114	5.114	0.0	99	278373	27.8	
14 Bromomethane	94	5.719	5.719	0.0	92	195286	32.7	
15 Chloroethane	64	5.862	5.862	0.0	99	188934	31.6	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	86	297483	26.1	
20 Acrolein	56	6.763	6.763	0.0	99	260442	403.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	86	194139	26.2	
22 1,1-Dichloroethene	96	6.858	6.858	0.0	86	177383	24.8	
23 Acetone	43	6.905	6.905	0.0	100	292401	103.0	
25 Iodomethane	142	7.095	7.095	0.0	98	247310	24.9	
26 Carbon disulfide	76	7.190	7.190	0.0	89	569643	23.9	
27 Methyl acetate	43	7.213	7.213	0.0	92	190597	23.7	
29 Acetonitrile	40	7.249	7.249	0.0	95	530710	850.4	
30 Methylene Chloride	84	7.379	7.379	0.0	97	210914	24.6	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	97	544292	23.7	
33 Acrylonitrile	53	7.617	7.617	0.0	99	370258	114.1	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	98	199931	24.9	
37 Vinyl acetate	43	7.960	7.960	0.0	98	1854824	142.7	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	82	379391	27.2	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	100	430137	104.2	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	71	309268	33.3	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	71	220359	25.0	
48 Chlorobromomethane	128	8.743	8.743	0.0	95	105882	25.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	8.755	8.755	0.0	85	273155	107.6	
50 Chloroform	83	8.755	8.755	0.0	77	365121	24.8	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	98	310147	27.4	
52 Cyclohexane	56	8.980	8.980	0.0	92	343650	25.2	
54 1,1-Dichloropropene	75	9.051	9.051	0.0	95	272744	26.0	
55 Carbon tetrachloride	117	9.075	9.075	0.0	88	274825	31.5	
57 Benzene	78	9.241	9.241	0.0	98	787178	25.9	
58 1,2-Dichloroethane	62	9.253	9.253	0.0	97	299331	25.4	
62 Trichloroethene	95	9.716	9.716	0.0	97	202141	24.6	
64 Methylcyclohexane	83	9.870	9.870	0.0	91	319641	24.7	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	95	208273	27.3	
67 Dibromomethane	93	10.059	10.059	0.0	99	126432	24.0	
68 Dichlorobromomethane	83	10.119	10.119	0.0	99	270215	26.9	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	92	498391	121.0	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	99	298837	28.3	
73 4-Methyl-2-pentanone (MIBK)	43	10.474	10.474	0.0	96	922738	109.1	
74 Toluene	92	10.712	10.712	0.0	98	479940	25.0	
75 Ethyl methacrylate	69	10.783	10.783	0.0	86	204449	24.3	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	96	275925	29.1	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	87	154359	25.4	
80 2-Hexanone	43	11.115	11.115	0.0	96	631653	107.5	
81 Tetrachloroethene	166	11.162	11.162	0.0	91	218016	26.4	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	91	303950	25.1	
83 Chlorodibromomethane	129	11.399	11.399	0.0	89	182376	25.9	
84 Ethylene Dibromide	107	11.530	11.530	0.0	98	174907	24.1	
87 Chlorobenzene	112	11.862	11.862	0.0	86	531025	25.4	
88 Ethylbenzene	91	11.874	11.874	0.0	96	927194	24.9	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	87	191129	30.1	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	735224	51.0	
92 Styrene	104	12.313	12.313	0.0	89	554979	25.8	
91 o-Xylene	106	12.313	12.313	0.0	96	350638	24.8	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	912543	24.6	
95 Bromoform	173	12.597	12.597	0.0	92	111097	26.0	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	86	236599	23.5	
98 trans-1,4-Dichloro-2-butene	53	12.894	12.894	0.0	89	237560	84.0	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	1138082	24.9	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	72	74933	25.0	
101 Bromobenzene	156	12.988	12.988	0.0	91	234083	25.3	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	765662	25.2	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	216381	25.1	
105 4-Chlorotoluene	126	13.178	13.178	0.0	99	219073	25.4	
106 tert-Butylbenzene	134	13.380	13.380	0.0	82	158670	24.6	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	68	789199	25.0	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	1010554	25.0	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	782213	24.7	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	454734	25.6	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	97	463372	25.4	
115 n-Butylbenzene	91	14.091	14.091	0.0	99	772728	24.7	
116 1,2-Dichlorobenzene	146	14.317	14.317	0.0	97	435001	24.9	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	73	39511	24.8	
119 1,2,4-Trichlorobenzene	180	16.250	16.250	0.0	93	297718	23.3	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	97	142408	26.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	16.676	16.676	0.0	97	700281	20.3	
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	95	285007	22.9	
S 123 Total BTEX	1				0		151.6	
S 124 Xylenes, Total	1				0		75.8	
S 125 1,2-Dichloroethene, Total	1				0		49.9	
S 126 1,3-Dichloropropene, Total	1				0		57.4	

Report Date: 12-Apr-2011 10:46:05
 Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9833.D

Injection Date: 12-Apr-2011 10:28:30

Client ID:

Lims Batch ID: 11663

Operator ID: LH

Column Type: ZB-624

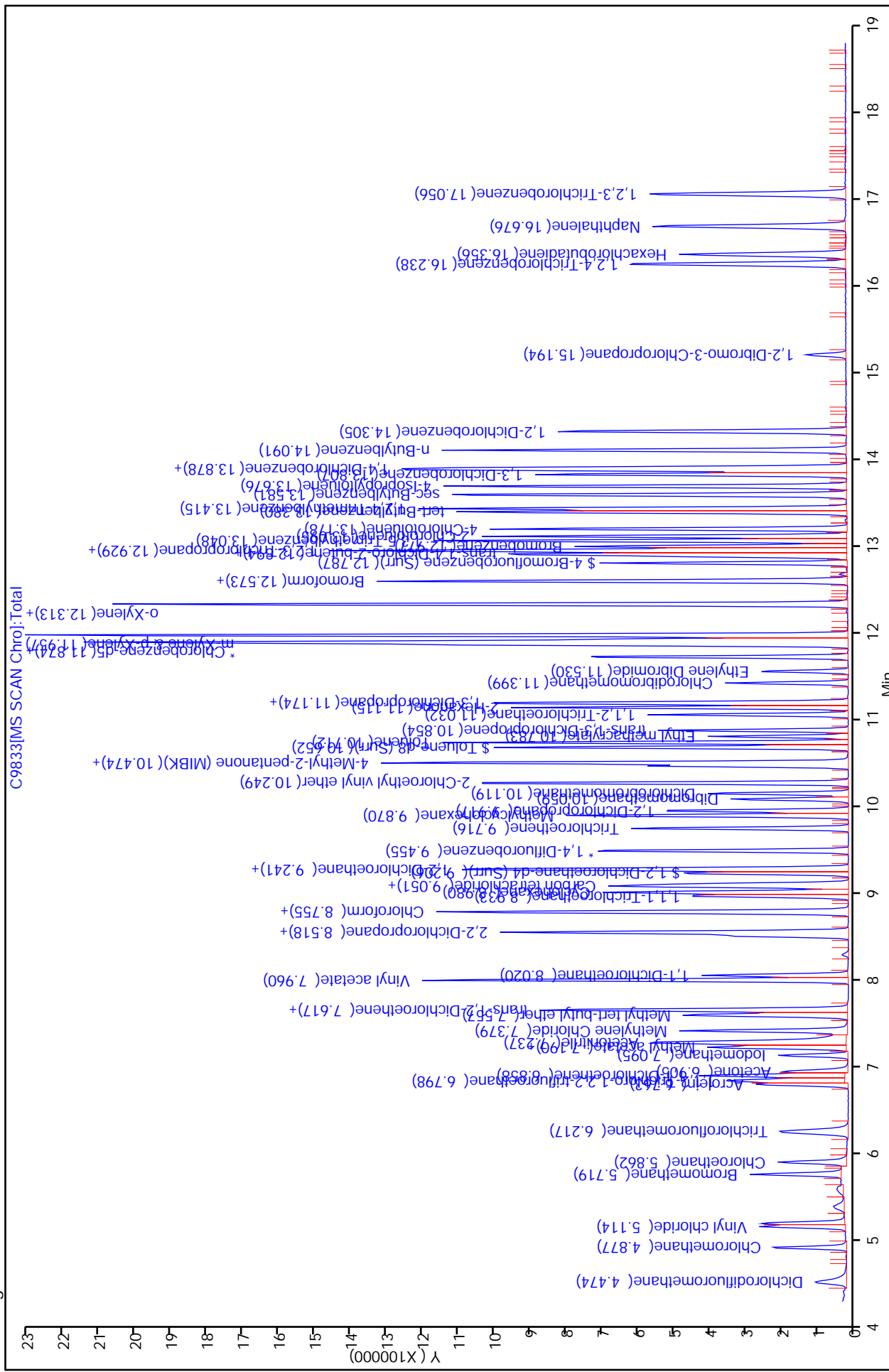
Limit Group: MV - 8260B ICAL

Instrument ID: HP5973C

Lims Sample ID: 2

Column Dia: 0.25 mm

Chrom Revision: 1.2 17-Feb-2011 18:05:56



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-11387/2 Calibration Date: 04/09/2011 12:16
 Instrument ID: HP5973N Calib Start Date: 03/18/2011 13:00
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 03/18/2011 14:55
 Lab File ID: N6129.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2016	0.2060		25.5	25.0	2.2	50.0
Chloromethane	Ave	0.2469	0.1952	0.1000	19.8	25.0	-21.0	50.0
Vinyl chloride	Ave	0.2267	0.2078		22.9	25.0	-8.3	20.0
Bromomethane	LinF		0.1496		35.1	25.0	40.2	50.0
Chloroethane	Lin1F		0.1400		29.0	25.0	15.8	50.0
Trichlorofluoromethane	Ave	0.2414	0.3202		33.2	25.0	32.6	50.0
Acrolein	Ave	0.0189	0.0165		438	500	-12.5	50.0
1,1-Dichloroethene	Ave	0.2592	0.2346	0.1000	22.6	25.0	-9.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2353	0.2451		26.0	25.0	4.2	50.0
Acetone	Lin1F		0.0706		109	125	-13.0	50.0
Iodomethane	Ave	0.3108	0.3897		31.3	25.0	25.4	50.0
Carbon disulfide	Ave	0.6935	0.6566		23.7	25.0	-5.3	50.0
Methyl acetate	Ave	0.2761	0.5167		46.8	25.0	87.1*	50.0
Acetonitrile	Ave	0.0176	0.0114		651	1000	-34.9	50.0
Methylene Chloride	Ave	0.2812	0.2532		22.5	25.0	-9.9	50.0
Methyl tert-butyl ether	Ave	0.8499	0.7724		22.7	25.0	-9.1	50.0
trans-1,2-Dichloroethene	Ave	0.2680	0.2487		23.2	25.0	-7.2	50.0
Acrylonitrile	Ave	0.0933	0.0740		99.2	125	-20.6	50.0
1,1-Dichloroethane	Ave	0.5000	0.4471		22.4	25.0	-10.6	50.0
Vinyl acetate	Lin1F		0.1883		46.6	125	-62.7*	50.0
2,2-Dichloropropane	QuaF		0.3044		24.9	25.0	-0.5	50.0
cis-1,2-Dichloroethene	Ave	0.2939	0.2802		23.8	25.0	-4.6	50.0
2-Butanone (MEK)	Ave	0.1331	0.0992		93.2	125	-25.5	50.0
Bromochloromethane	Ave	0.1352	0.1334		24.7	25.0	-1.4	50.0
Tetrahydrofuran	Ave	0.0875	0.0627		89.6	125	-28.4	50.0
Chloroform	Ave	0.4877	0.5038		25.8	25.0	3.3	20.0
1,1,1-Trichloroethane	Ave	0.3169	0.3487		27.5	25.0	10.0	50.0
Cyclohexane	Ave	0.4783	0.3680		19.2	25.0	-23.1	50.0
Carbon tetrachloride	LinF		0.3457		27.4	25.0	9.7	50.0
1,1-Dichloropropene	Ave	0.4083	0.3839		23.5	25.0	-6.0	50.0
Benzene	Ave	1.191	1.060		22.2	25.0	-11.0	50.0
1,2-Dichloroethane	Ave	0.3789	0.4200		27.7	25.0	10.8	50.0
Trichloroethene	Ave	0.2891	0.2731		23.6	25.0	-5.5	50.0
Methylcyclohexane	Ave	0.5119	0.4602		22.5	25.0	-10.1	50.0
1,2-Dichloropropane	Ave	0.2943	0.2360		20.0	25.0	-19.8	20.0
Dibromomethane	Ave	0.1606	0.1581		24.6	25.0	-1.6	50.0
Bromodichloromethane	Ave	0.3476	0.3730		26.8	25.0	7.3	50.0
2-Chloroethyl vinyl ether	Ave	0.1814	0.1477		102	125	-18.6	50.0
cis-1,3-Dichloropropene	Ave	0.4631	0.4305		23.2	25.0	-7.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3106	0.2352		94.7	125	-24.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-11387/2 Calibration Date: 04/09/2011 12:16
 Instrument ID: HP5973N Calib Start Date: 03/18/2011 13:00
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 03/18/2011 14:55
 Lab File ID: N6129.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	0.8405	0.7638		22.7	25.0	-9.1	20.0
trans-1,3-Dichloropropene	LinF		0.4389		22.5	25.0	-9.9	50.0
Ethyl methacrylate	LinF		0.3515		19.6	25.0	-21.4	50.0
1,1,2-Trichloroethane	Ave	0.2362	0.2072		21.9	25.0	-12.3	50.0
Tetrachloroethene	Ave	0.3474	0.3430		24.7	25.0	-1.3	50.0
1,3-Dichloropropane	Ave	0.5119	0.4744		23.2	25.0	-7.3	50.0
2-Hexanone	Ave	0.2209	0.1681		95.1	125	-23.9	50.0
Dibromochloromethane	Lin1F		0.2882		25.6	25.0	2.6	50.0
1,2-Dibromoethane	Ave	0.2814	0.2761		24.5	25.0	-1.9	50.0
Chlorobenzene	Ave	0.9216	0.8921	0.3000	24.2	25.0	-3.2	50.0
1,1,1,2-Tetrachloroethane	Lin1F		0.2998		26.3	25.0	5.3	50.0
Ethylbenzene	Ave	1.558	1.491		23.9	25.0	-4.3	20.0
m,p-Xylene	Ave	0.6304	0.5846		46.4	50.0	-7.3	50.0
o-Xylene	Ave	0.6079	0.5647		23.2	25.0	-7.1	50.0
Styrene	Ave	1.004	1.019		25.4	25.0	1.5	50.0
Bromoform	LinF		0.1729	0.1000	24.1	25.0	-3.7	50.0
Isopropylbenzene	Ave	3.034	2.837		23.4	25.0	-6.5	50.0
Bromobenzene	Ave	0.7485	0.7046		23.5	25.0	-5.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7037	0.5931	0.3000	21.1	25.0	-15.7	50.0
1,2,3-Trichloropropane	Ave	0.1853	0.2006		27.1	25.0	8.3	50.0
N-Propylbenzene	Ave	3.616	3.363		23.2	25.0	-7.0	50.0
trans-1,4-Dichloro-2-butene	LinF		0.1688		116	125	-7.6	50.0
2-Chlorotoluene	Ave	0.7125	0.6473		22.7	25.0	-9.2	50.0
1,3,5-Trimethylbenzene	Ave	2.531	2.404		23.7	25.0	-5.0	50.0
4-Chlorotoluene	Ave	2.416	2.332		24.1	25.0	-3.5	50.0
tert-Butylbenzene	Ave	0.5510	0.5247		23.8	25.0	-4.8	50.0
1,2,4-Trimethylbenzene	Ave	2.588	2.431		23.5	25.0	-6.1	50.0
sec-Butylbenzene	Ave	3.266	3.073		23.5	25.0	-5.9	50.0
1,3-Dichlorobenzene	Ave	1.380	1.373		24.9	25.0	-0.5	50.0
4-Isopropyltoluene	Ave	2.700	2.578		23.9	25.0	-4.5	50.0
1,4-Dichlorobenzene	Ave	1.425	1.409		24.7	25.0	-1.1	50.0
n-Butylbenzene	Ave	2.472	2.336		23.6	25.0	-5.5	50.0
1,2-Dichlorobenzene	Ave	1.324	1.278		24.1	25.0	-3.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1125	0.1113		24.7	25.0	-1.1	50.0
1,2,4-Trichlorobenzene	Ave	0.9863	0.9351		23.7	25.0	-5.2	50.0
Hexachlorobutadiene	Ave	0.5075	0.5019		24.7	25.0	-1.1	50.0
Naphthalene	Ave	2.065	1.977		23.9	25.0	-4.2	50.0
1,2,3-Trichlorobenzene	Ave	0.8458	0.8115		24.0	25.0	-4.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3294	0.3913		29.7	25.0	18.8	50.0
Toluene-d8 (Surr)	Ave	1.220	1.253		25.7	25.0	2.7	50.0
4-Bromofluorobenzene (Surr)	Ave	0.3884	0.3999		25.7	25.0	3.0	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6129.D
 Lims ID: ccvis Client ID:
 Inject. Date: 09-Apr-2011 12:16:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0002148-002
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 11387 Lims Sample ID: 2
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 09-Apr-2011 13:03:57 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

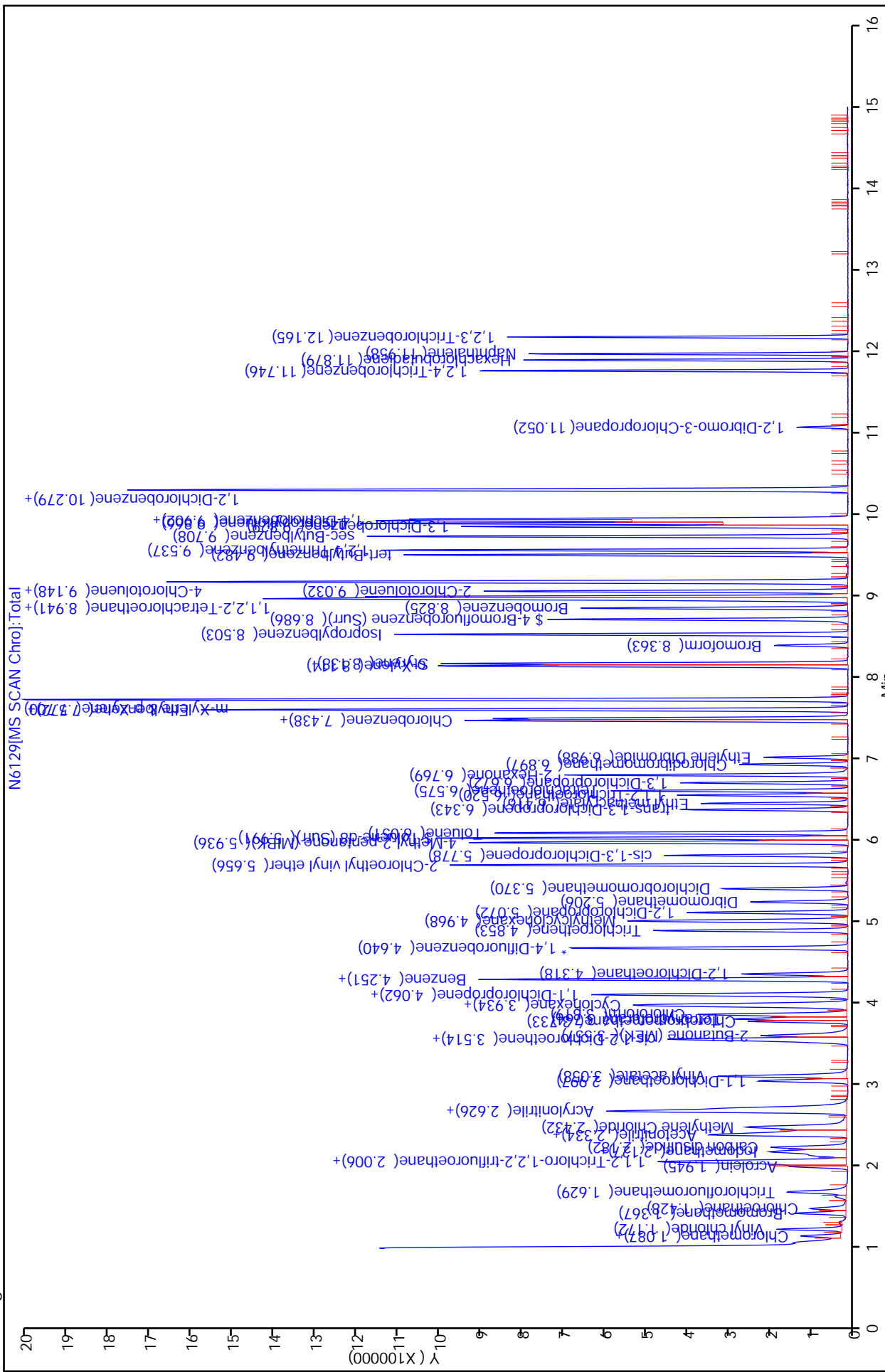
Date: 09-Apr-2011 13:03:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	92	537059	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	83	481916	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	83	257464	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	210140	29.7	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	603879	25.7	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	192712	25.7	
11 Dichlorodifluoromethane	85	1.014	1.014	0.0	88	110631	25.5	
13 Chloromethane	50	1.093	1.093	0.0	87	104827	19.8	
14 Vinyl chloride	62	1.172	1.172	0.0	81	111606	22.9	
15 Bromomethane	94	1.373	1.373	0.0	92	80324	35.1	
16 Chloroethane	64	1.428	1.428	0.0	90	75198	29.0	
18 Trichlorofluoromethane	101	1.635	1.635	0.0	85	171973	33.2	
20 Acrolein	56	1.945	1.945	0.0	98	177617	437.6	
22 1,1-Dichloroethene	96	2.000	2.000	0.0	87	125984	22.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.006	2.006	0.0	63	131611	26.0	
23 Acetone	43	2.085	2.085	0.0	92	189471	108.7	
24 Iodomethane	142	2.127	2.127	0.0	98	209290	31.3	
25 Carbon disulfide	76	2.182	2.182	0.0	99	352638	23.7	
28 Methyl acetate	43	2.334	2.334	0.0	96	277469	46.8	
29 Acetonitrile	40	2.340	2.340	0.0	71	245644	650.5	
30 Methylene Chloride	84	2.438	2.438	0.0	88	135980	22.5	
32 Methyl tert-butyl ether	73	2.626	2.626	0.0	94	414838	22.7	
33 trans-1,2-Dichloroethene	96	2.626	2.626	0.0	73	133570	23.2	
34 Acrylonitrile	53	2.669	2.669	0.0	97	198758	99.2	
36 1,1-Dichloroethane	63	3.003	3.003	0.0	82	240100	22.4	
39 Vinyl acetate	43	3.058	3.058	0.0	98	505699	46.6	
42 2,2-Dichloropropane	77	3.496	3.496	0.0	75	163454	24.9	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	68	150498	23.8	
44 2-Butanone (MEK)	43	3.557	3.557	0.0	98	266430	93.2	
47 Chlorobromomethane	128	3.733	3.733	0.0	93	71628	24.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.764	3.764	0.0	79	168344	89.6	
50 Chloroform	83	3.819	3.819	0.0	79	270545	25.8	
51 1,1,1-Trichloroethane	97	3.928	3.928	0.0	99	187254	27.5	
52 Cyclohexane	56	3.940	3.940	0.0	87	197633	19.2	
53 Carbon tetrachloride	117	4.056	4.056	0.0	63	185674	27.4	
54 1,1-Dichloropropene	75	4.068	4.068	0.0	95	206186	23.5	
55 Benzene	78	4.251	4.251	0.0	96	569229	22.2	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	99	225565	27.7	
60 Trichloroethene	95	4.853	4.853	0.0	96	146660	23.6	
62 Methylcyclohexane	83	4.968	4.968	0.0	87	247162	22.5	
63 1,2-Dichloropropane	63	5.072	5.072	0.0	88	126731	20.0	
64 Dibromomethane	93	5.206	5.206	0.0	97	84898	24.6	
67 Dichlorobromomethane	83	5.364	5.364	0.0	100	200313	26.8	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	94	396477	101.7	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	94	231218	23.2	
72 4-Methyl-2-pentanone (MIBK)	43	5.936	5.936	0.0	95	566815	94.7	
73 Toluene	92	6.051	6.051	0.0	98	368063	22.7	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	93	211495	22.5	
77 Ethyl methacrylate	69	6.416	6.416	0.0	85	169398	19.6	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	87	99847	21.9	
79 Tetrachloroethene	166	6.575	6.575	0.0	92	165304	24.7	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	89	228595	23.2	
82 2-Hexanone	43	6.769	6.769	0.0	97	405088	95.1	
83 Chlorodibromomethane	129	6.897	6.897	0.0	89	138887	25.6	
84 Ethylene Dibromide	107	6.988	6.988	0.0	98	133044	24.5	
85 Chlorobenzene	112	7.469	7.469	0.0	94	429911	24.2	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	30	144472	26.3	
88 Ethylbenzene	91	7.572	7.572	0.0	99	718551	23.9	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	99	563471	46.4	
91 o-Xylene	106	8.108	8.108	0.0	96	272133	23.2	
92 Styrene	104	8.144	8.144	0.0	92	491188	25.4	
93 Bromoform	173	8.363	8.363	0.0	97	83338	24.1	
95 Isopropylbenzene	105	8.503	8.503	0.0	96	730477	23.4	
97 Bromobenzene	156	8.825	8.825	0.0	92	181419	23.5	
98 1,1,2,2-Tetrachloroethane	83	8.917	8.917	0.0	88	152705	21.1	
99 1,2,3-Trichloropropane	110	8.935	8.935	0.0	80	51652	27.1	
100 N-Propylbenzene	91	8.941	8.941	0.0	99	865778	23.2	
101 trans-1,4-Dichloro-2-butene	53	8.965	8.965	0.0	89	217244	115.6	
102 2-Chlorotoluene	126	9.032	9.032	0.0	95	166647	22.7	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	94	618856	23.7	
105 4-Chlorotoluene	91	9.154	9.154	0.0	99	600432	24.1	
106 tert-Butylbenzene	134	9.482	9.482	0.0	91	135082	23.8	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	98	625797	23.5	
109 sec-Butylbenzene	105	9.708	9.708	0.0	94	791074	23.5	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	97	353584	24.9	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	97	663830	23.9	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	95	362834	24.7	
115 n-Butylbenzene	91	10.279	10.279	0.0	98	601309	23.6	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	96	329017	24.1	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	80	28667	24.7	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	93	240745	23.7	
120 Hexachlorobutadiene	225	11.879	11.879	0.0	98	129212	24.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.958	11.958	0.0	98	509117	23.9	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	96	208942	24.0	
S 123 1,3-Dichloropropene, Total	1				0		45.8	
S 124 1,2-Dichloroethene, Total	1				0		47.0	
S 125 Total BTEX	1				0		138.5	
S 126 Xylenes, Total	1				0		69.6	

Report Date: 09-Apr-2011 13:03:57
 Data File: \\Bucchrom\ChromData\HP5973N\20110409-2148.b\N6129.D
 Injection Date: 09-Apr-2011 12:16:30
 Client ID:
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 2



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-11454/2 Calibration Date: 04/10/2011 13:13
 Instrument ID: HP5973N Calib Start Date: 03/18/2011 13:00
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 03/18/2011 14:55
 Lab File ID: N6158.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2016	0.2102		26.1	25.0	4.3	50.0
Chloromethane	Ave	0.2469	0.1715	0.1000	17.4	25.0	-30.6	50.0
Vinyl chloride	Ave	0.2267	0.1902		21.0	25.0	-16.1	20.0
Bromomethane	LinF		0.1406		33.0	25.0	31.8	50.0
Chloroethane	Lin1F		0.1294		26.8	25.0	7.0	50.0
Trichlorofluoromethane	Ave	0.2414	0.2943		30.5	25.0	21.9	50.0
Acrolein	Ave	0.0189	0.0151		400	500	-20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2353	0.2244		23.8	25.0	-4.6	50.0
1,1-Dichloroethene	Ave	0.2592	0.2188	0.1000	21.1	25.0	-15.6	20.0
Acetone	Lin1F		0.0688		106	125	-15.2	50.0
Iodomethane	Ave	0.3108	0.3637		29.3	25.0	17.0	50.0
Carbon disulfide	Ave	0.6935	0.5621		20.3	25.0	-18.9	50.0
Methyl acetate	Ave	0.2761	0.5053		45.8	25.0	83.0*	50.0
Acetonitrile	Ave	0.0176	0.0100		570	1000	-43.0	50.0
Methylene Chloride	Ave	0.2812	0.2375		21.1	25.0	-15.5	50.0
trans-1,2-Dichloroethene	Ave	0.2680	0.2456		22.9	25.0	-8.4	50.0
Methyl tert-butyl ether	Ave	0.8499	0.7972		23.5	25.0	-6.2	50.0
Acrylonitrile	Ave	0.0933	0.0699		93.7	125	-25.0	50.0
1,1-Dichloroethane	Ave	0.5000	0.4520		22.6	25.0	-9.6	50.0
Vinyl acetate	Lin1F		0.1976		48.9	125	-60.9*	50.0
2,2-Dichloropropane	QuaF		0.3091		25.3	25.0	1.0	50.0
cis-1,2-Dichloroethene	Ave	0.2939	0.2833		24.1	25.0	-3.6	50.0
2-Butanone (MEK)	Ave	0.1331	0.0989		92.8	125	-25.7	50.0
Bromochloromethane	Ave	0.1352	0.1364		25.2	25.0	0.9	50.0
Tetrahydrofuran	Ave	0.0875	0.0608		86.8	125	-30.6	50.0
Chloroform	Ave	0.4877	0.5154		26.4	25.0	5.7	20.0
1,1,1-Trichloroethane	Ave	0.3169	0.3817		30.1	25.0	20.5	50.0
Cyclohexane	Ave	0.4783	0.3229		16.9	25.0	-32.5	50.0
Carbon tetrachloride	LinF		0.3769		29.9	25.0	19.5	50.0
1,1-Dichloropropene	Ave	0.4083	0.3999		24.5	25.0	-2.1	50.0
Benzene	Ave	1.191	1.061		22.3	25.0	-10.9	50.0
1,2-Dichloroethane	Ave	0.3789	0.4315		28.5	25.0	13.9	50.0
Trichloroethene	Ave	0.2891	0.3165		27.4	25.0	9.5	50.0
Methylcyclohexane	Ave	0.5119	0.4257		20.8	25.0	-16.8	50.0
1,2-Dichloropropane	Ave	0.2943	0.2388		20.3	25.0	-18.9	20.0
Dibromomethane	Ave	0.1606	0.1625		25.3	25.0	1.2	50.0
Bromodichloromethane	Ave	0.3476	0.4003		28.8	25.0	15.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1814	0.1554		107	125	-14.3	50.0
cis-1,3-Dichloropropene	Ave	0.4631	0.4549		24.6	25.0	-1.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3106	0.2306		92.8	125	-25.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-11454/2 Calibration Date: 04/10/2011 13:13
 Instrument ID: HP5973N Calib Start Date: 03/18/2011 13:00
 GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 03/18/2011 14:55
 Lab File ID: N6158.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	0.8405	0.7631		22.7	25.0	-9.2	20.0
trans-1,3-Dichloropropene	LinF		0.4749		24.4	25.0	-2.5	50.0
Ethyl methacrylate	LinF		0.3601		20.1	25.0	-19.5	50.0
1,1,2-Trichloroethane	Ave	0.2362	0.2096		22.2	25.0	-11.3	50.0
Tetrachloroethene	Ave	0.3474	0.3491		25.1	25.0	0.5	50.0
1,3-Dichloropropane	Ave	0.5119	0.4737		23.1	25.0	-7.5	50.0
2-Hexanone	Ave	0.2209	0.1663		94.1	125	-24.7	50.0
Dibromochloromethane	Lin1F		0.3164		28.1	25.0	12.6	50.0
1,2-Dibromoethane	Ave	0.2814	0.2814		25.0	25.0	0.0	50.0
Chlorobenzene	Ave	0.9216	0.8738	0.3000	23.7	25.0	-5.2	50.0
1,1,1,2-Tetrachloroethane	Lin1F		0.3038		26.7	25.0	6.7	50.0
Ethylbenzene	Ave	1.558	1.482		23.8	25.0	-4.9	20.0
m,p-Xylene	Ave	0.6304	0.5760		45.7	50.0	-8.6	50.0
o-Xylene	Ave	0.6079	0.5697		23.4	25.0	-6.3	50.0
Styrene	Ave	1.004	1.017		25.3	25.0	1.3	50.0
Bromoform	LinF		0.1976	0.1000	27.5	25.0	10.0	50.0
Isopropylbenzene	Ave	3.034	2.898		23.9	25.0	-4.5	50.0
Bromobenzene	Ave	0.7485	0.6982		23.3	25.0	-6.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7037	0.5981	0.3000	21.2	25.0	-15.0	50.0
1,2,3-Trichloropropane	Ave	0.1853	0.2008		27.1	25.0	8.4	50.0
N-Propylbenzene	Ave	3.616	3.387		23.4	25.0	-6.3	50.0
trans-1,4-Dichloro-2-butene	LinF		0.1840		126	125	0.8	50.0
2-Chlorotoluene	Ave	0.7125	0.6538		22.9	25.0	-8.2	50.0
1,3,5-Trimethylbenzene	Ave	2.531	2.457		24.3	25.0	-2.9	50.0
4-Chlorotoluene	Ave	2.416	2.316		24.0	25.0	-4.2	50.0
tert-Butylbenzene	Ave	0.5510	0.5201		23.6	25.0	-5.6	50.0
1,2,4-Trimethylbenzene	Ave	2.588	2.477		23.9	25.0	-4.3	50.0
sec-Butylbenzene	Ave	3.266	3.080		23.6	25.0	-5.7	50.0
1,3-Dichlorobenzene	Ave	1.380	1.363		24.7	25.0	-1.2	50.0
4-Isopropyltoluene	Ave	2.700	2.577		23.9	25.0	-4.5	50.0
1,4-Dichlorobenzene	Ave	1.425	1.425		25.0	25.0	0.0	50.0
n-Butylbenzene	Ave	2.472	2.357		23.8	25.0	-4.6	50.0
1,2-Dichlorobenzene	Ave	1.324	1.299		24.5	25.0	-1.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1125	0.1179		26.2	25.0	4.8	50.0
1,2,4-Trichlorobenzene	Ave	0.9863	0.9266		23.5	25.0	-6.1	50.0
Hexachlorobutadiene	Ave	0.5075	0.5122		25.2	25.0	0.9	50.0
Naphthalene	Ave	2.065	1.951		23.6	25.0	-5.5	50.0
1,2,3-Trichlorobenzene	Ave	0.8458	0.8056		23.8	25.0	-4.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3294	0.4035		30.6	25.0	22.5	50.0
Toluene-d8 (Surr)	Ave	1.220	1.222		25.0	25.0	0.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.3884	0.4191		27.0	25.0	7.9	50.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6158.D
 Lims ID: ccvis Client ID:
 Inject. Date: 10-Apr-2011 13:13:30 Dil. Factor: 1.0000
 Sample Type: CCVIS
 Sample ID: CCVIS
 Misc. Info.: 480-0002160-002
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 11454 Lims Sample ID: 2
 Sublist: chrom-N-8260*sub7
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 14:17:37 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

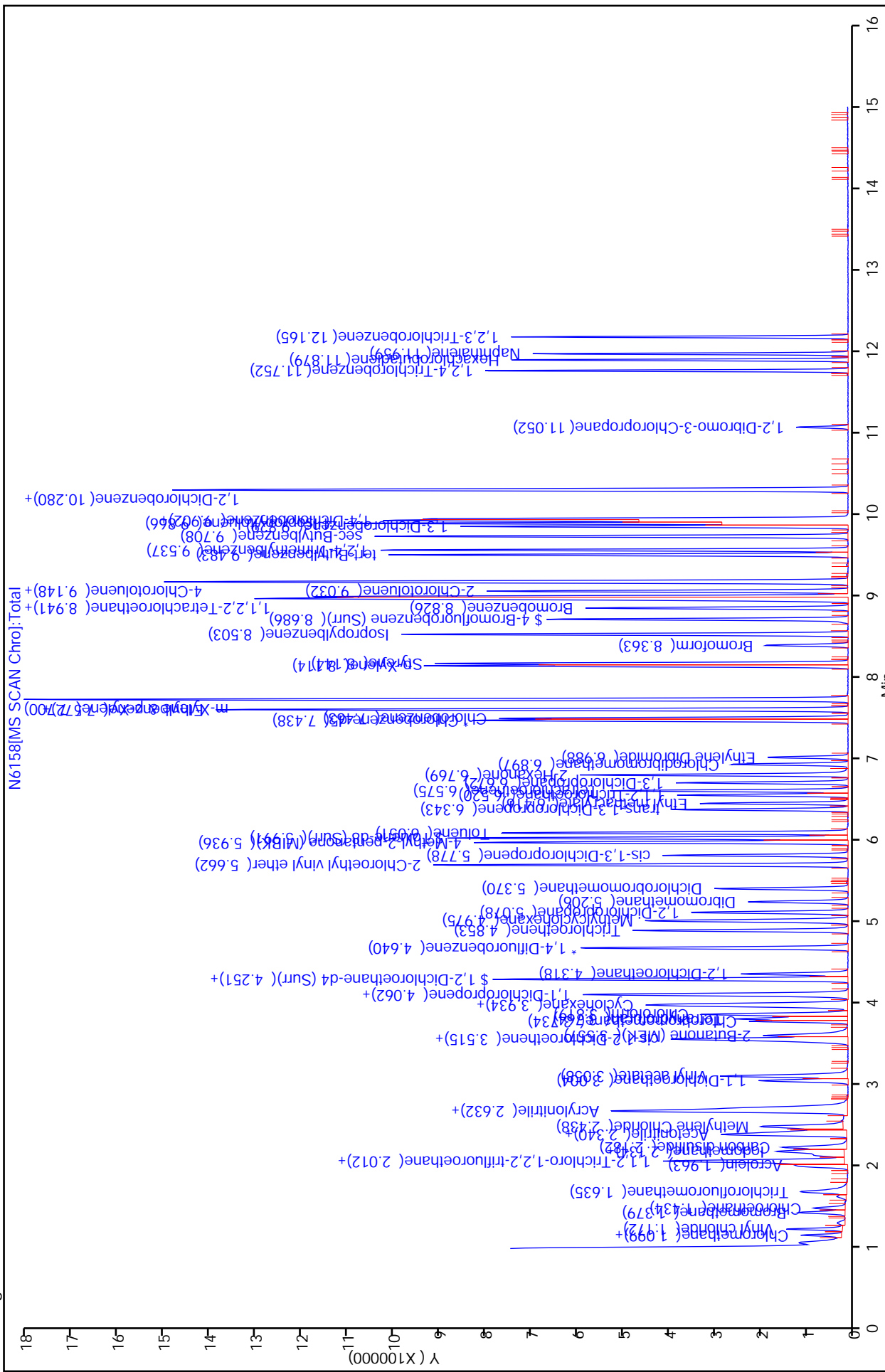
Date: 10-Apr-2011 14:17:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.640	0.0	93	482150	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	83	439164	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	83	234422	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.0	0	194569	30.6	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	92	536624	25.0	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.692	8.692	0.0	87	184064	27.0	
11 Dichlorodifluoromethane	85	1.014	1.014	0.0	87	101325	26.1	
13 Chloromethane	50	1.099	1.099	0.0	87	82689	17.4	
14 Vinyl chloride	62	1.172	1.172	0.0	81	91713	21.0	
15 Bromomethane	94	1.373	1.373	0.0	92	67791	33.0	
16 Chloroethane	64	1.428	1.428	0.0	100	62400	26.8	
18 Trichlorofluoromethane	101	1.629	1.629	0.0	85	141872	30.5	
20 Acrolein	56	1.951	1.951	0.0	99	145659	399.8	
22 1,1-Dichloroethene	96	2.012	2.012	0.0	86	105508	21.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.012	2.012	0.0	60	108180	23.8	
23 Acetone	43	2.085	2.085	0.0	92	165753	105.9	
24 Iodomethane	142	2.134	2.134	0.0	100	175351	29.3	
25 Carbon disulfide	76	2.182	2.182	0.0	99	270994	20.3	
28 Methyl acetate	43	2.340	2.340	0.0	96	243629	45.8	
29 Acetonitrile	40	2.353	2.353	0.0	78	193163	569.8	
30 Methylene Chloride	84	2.438	2.438	0.0	87	114492	21.1	
33 trans-1,2-Dichloroethene	96	2.626	2.626	0.0	61	118427	22.9	
32 Methyl tert-butyl ether	73	2.632	2.632	0.0	94	384368	23.5	
34 Acrylonitrile	53	2.669	2.669	0.0	96	168525	93.7	
36 1,1-Dichloroethane	63	3.004	3.004	0.0	82	217942	22.6	
39 Vinyl acetate	43	3.058	3.058	0.0	98	476348	48.9	
42 2,2-Dichloropropane	77	3.502	3.502	0.0	76	149043	25.3	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	68	136595	24.1	
44 2-Butanone (MEK)	43	3.557	3.557	0.0	99	238327	92.8	
47 Chlorobromomethane	128	3.734	3.734	0.0	89	65758	25.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
49 Tetrahydrofuran	42	3.764	3.764	0.0	77	146493	86.8	
50 Chloroform	83	3.819	3.819	0.0	79	248518	26.4	
51 1,1,1-Trichloroethane	97	3.928	3.928	0.0	98	184050	30.1	
52 Cyclohexane	56	3.946	3.946	0.0	85	155698	16.9	
53 Carbon tetrachloride	117	4.056	4.056	0.0	63	181717	29.9	
54 1,1-Dichloropropene	75	4.062	4.062	0.0	95	192821	24.5	
55 Benzene	78	4.257	4.257	0.0	96	511723	22.3	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	99	208060	28.5	
60 Trichloroethene	95	4.853	4.853	0.0	96	152590	27.4	
62 Methylcyclohexane	83	4.975	4.975	0.0	87	205246	20.8	
63 1,2-Dichloropropane	63	5.072	5.072	0.0	87	115150	20.3	
64 Dibromomethane	93	5.206	5.206	0.0	95	78354	25.3	
67 Dichlorobromomethane	83	5.370	5.370	0.0	99	193003	28.8	
69 2-Chloroethyl vinyl ether	63	5.662	5.662	0.0	94	374701	107.1	
71 cis-1,3-Dichloropropene	75	5.778	5.778	0.0	95	219307	24.6	
72 4-Methyl-2-pentanone (MIBK)	43	5.936	5.936	0.0	95	506362	92.8	
73 Toluene	92	6.057	6.057	0.0	99	335139	22.7	
75 trans-1,3-Dichloropropene	75	6.343	6.343	0.0	93	208574	24.4	
77 Ethyl methacrylate	69	6.416	6.416	0.0	85	158162	20.1	
78 1,1,2-Trichloroethane	83	6.520	6.520	0.0	88	92034	22.2	
79 Tetrachloroethene	166	6.575	6.575	0.0	91	153288	25.1	
80 1,3-Dichloropropane	76	6.672	6.672	0.0	89	208031	23.1	
82 2-Hexanone	43	6.769	6.769	0.0	96	365167	94.1	
83 Chlorodibromomethane	129	6.897	6.897	0.0	88	138933	28.1	
84 Ethylene Dibromide	107	6.988	6.988	0.0	98	123583	25.0	
85 Chlorobenzene	112	7.469	7.469	0.0	93	383734	23.7	
89 1,1,1,2-Tetrachloroethane	131	7.572	7.572	0.0	85	133424	26.7	
88 Ethylbenzene	91	7.572	7.572	0.0	98	650768	23.8	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	99	505920	45.7	
91 o-Xylene	106	8.114	8.114	0.0	96	250196	23.4	
92 Styrene	104	8.144	8.144	0.0	92	446513	25.3	
93 Bromoform	173	8.369	8.369	0.0	98	86763	27.5	
95 Isopropylbenzene	105	8.503	8.503	0.0	95	679398	23.9	
97 Bromobenzene	156	8.826	8.826	0.0	93	163666	23.3	
98 1,1,2,2-Tetrachloroethane	83	8.923	8.923	0.0	88	140205	21.2	
99 1,2,3-Trichloropropane	110	8.935	8.935	0.0	81	47069	27.1	
100 N-Propylbenzene	91	8.947	8.947	0.0	99	793909	23.4	
101 trans-1,4-Dichloro-2-butene	53	8.965	8.965	0.0	89	215642	126.0	
102 2-Chlorotoluene	126	9.032	9.032	0.0	95	153261	22.9	
104 1,3,5-Trimethylbenzene	105	9.142	9.142	0.0	96	575911	24.3	
105 4-Chlorotoluene	91	9.154	9.154	0.0	100	542831	24.0	
106 tert-Butylbenzene	134	9.483	9.483	0.0	91	121925	23.6	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	97	580545	23.9	
109 sec-Butylbenzene	105	9.708	9.708	0.0	94	722012	23.6	
110 1,3-Dichlorobenzene	146	9.829	9.829	0.0	96	319536	24.7	
111 4-Isopropyltoluene	119	9.866	9.866	0.0	97	604152	23.9	
113 1,4-Dichlorobenzene	146	9.927	9.927	0.0	94	334164	25.0	
115 n-Butylbenzene	91	10.273	10.273	0.0	97	552560	23.8	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	96	304544	24.5	
117 1,2-Dibromo-3-Chloropropane	75	11.052	11.052	0.0	77	27635	26.2	
119 1,2,4-Trichlorobenzene	180	11.752	11.752	0.0	93	217222	23.5	
120 Hexachlorobutadiene	225	11.886	11.886	0.0	98	120076	25.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
121 Naphthalene	128	11.959	11.959	0.0	98	457256	23.6	
122 1,2,3-Trichlorobenzene	180	12.165	12.165	0.0	95	188854	23.8	
S 125 Total BTEX	1				0		137.9	
S 126 Xylenes, Total	1				0		69.1	
S 123 1,3-Dichloropropene, Total	1				0		48.9	
S 124 1,2-Dichloroethene, Total	1				0		47.0	

Report Date: 10-Apr-2011 14:17:37
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 Injection Date: 10-Apr-2011 13:13:30
 Client ID: 11454
 Lims Batch ID: NMD
 Operator ID: ZB-624
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 2



TestAmerica Laboratories
Target Compound Quantitation Report

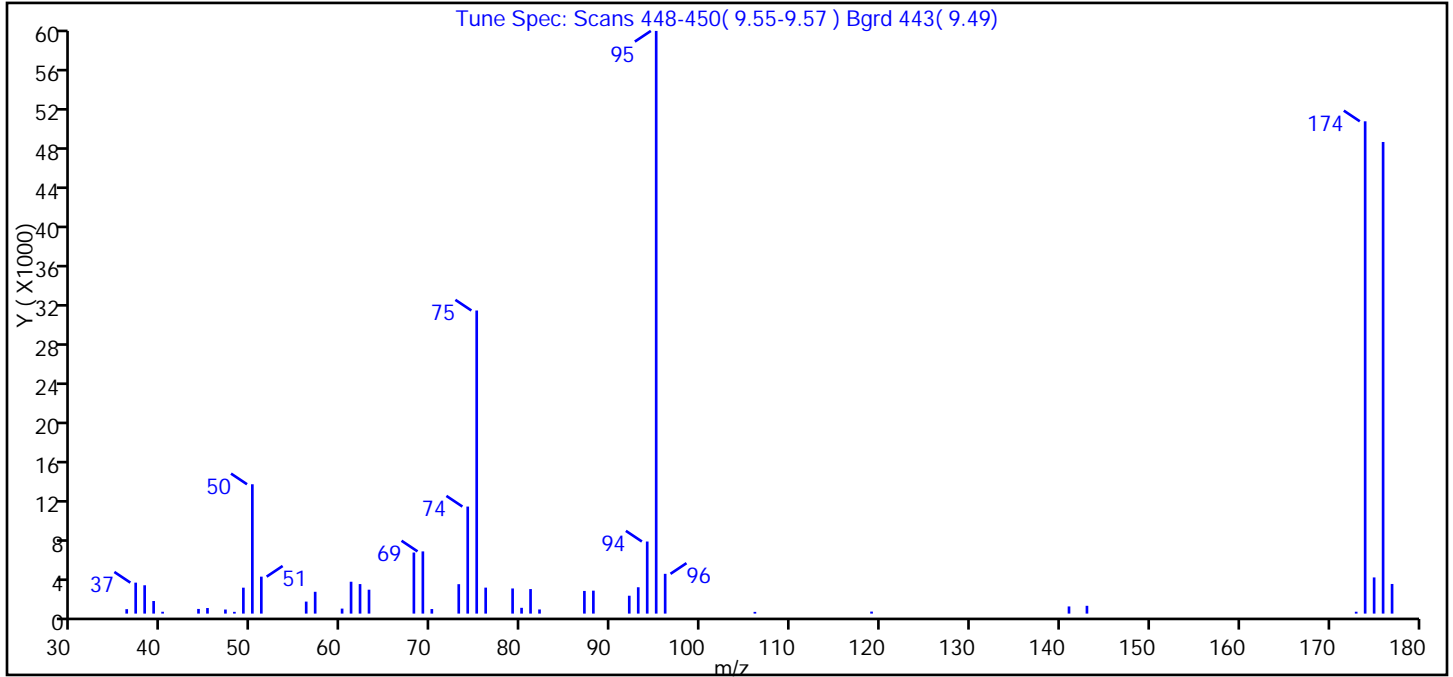
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 Inject. Date: 21-Mar-2011 15:55:30 Dil. Factor: 1.0000
 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0001661-001
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 9035 Lims Sample ID: 1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C-8260.m
 Last Update: 21-Mar-2011 16:05:21 Calib Date: 15-Mar-2011 12:55:30
 Quant Method: Internal Standard Quant By: Initial Calibration
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 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL Date: 21-Mar-2011 16:05:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
61 BFB	95	9.561	9.561	0.0	0	162005	0	

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9215.D
 Injection Date: 21-Mar-2011 15:55:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973C
 Lims Batch ID: 9035 Lims Sample ID: 1
 Operator ID: LH
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.20
75	30.00 - 60.00% of mass 95	52.02
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.32 (0.38)
174	Greater than 50.00% of mass 95	84.49
175	5.00 - 9.00% of mass 174	6.21 (7.35)
176	95.00 - 101.00% of mass 174	80.94 (95.80)
177	5.00 - 9.00% of mass 176	5.09 (6.28)

Data File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9215.D\C-8260.rslt\spectra.d

Injection Date: 21-Mar-2011 15:55:30

Spectrum: Tune Spec: Scans 448-450(9.55-9.57) Bgrd 443(9.49)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	450	56.00	1217	76.00	2633	106.00	174
37.00	3138	57.00	2210	79.00	2548	119.00	202
38.00	2871	60.00	506	80.00	586	141.00	726
39.00	1275	61.00	3230	81.00	2486	143.00	790
40.00	187	62.00	2992	82.00	421	173.00	190
44.00	472	63.00	2422	87.00	2297	174.00	49896
45.00	565	68.00	6190	88.00	2326	175.00	3666
47.00	413	69.00	6304	92.00	1812	176.00	47800
48.00	178	70.00	462	93.00	2670	177.00	3003
49.00	2628	73.00	2981	94.00	7305		
50.00	13109	74.00	10848	95.00	59056		
51.00	3745	75.00	30720	96.00	4031		

TestAmerica Laboratories
Target Compound Quantitation Report

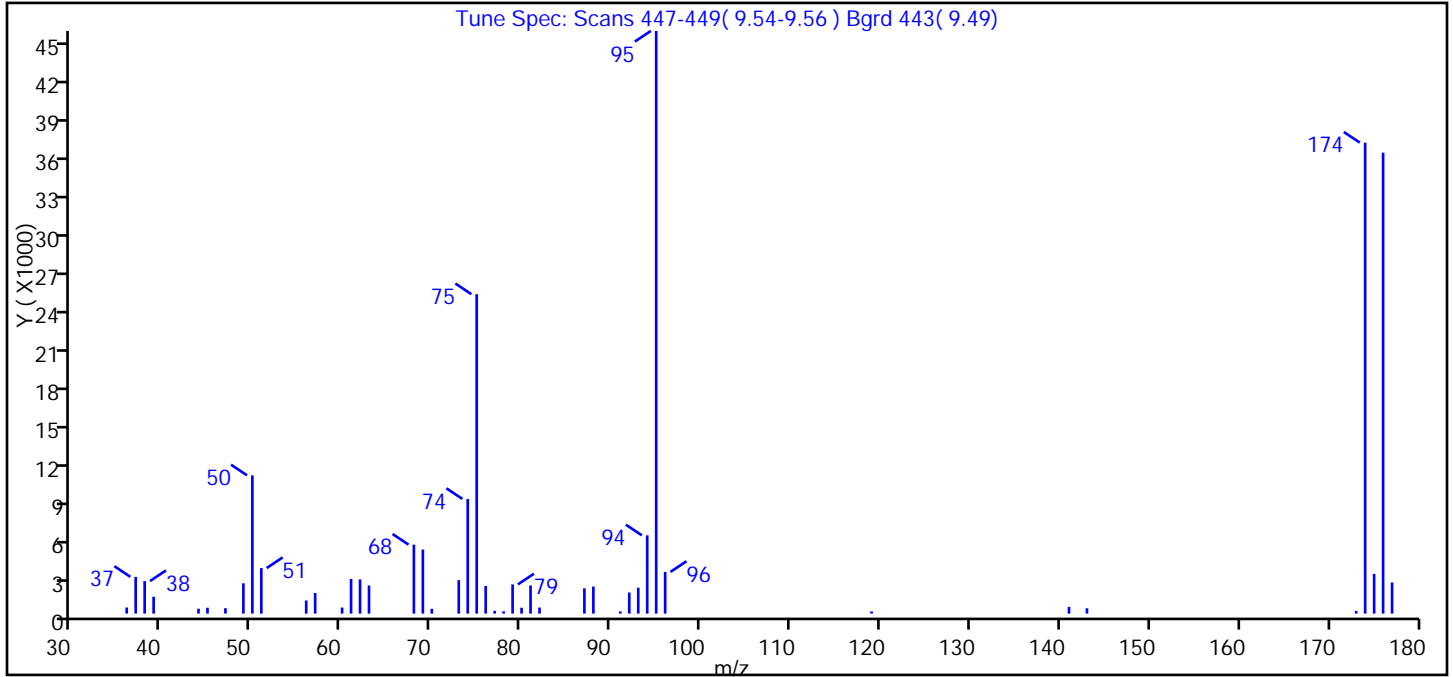
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 Inject. Date: 12-Apr-2011 09:57:30 Dil. Factor: 1.0000
 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0002205-001
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 11663 Lims Sample ID: 1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 10:07:00 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
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 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL Date: 12-Apr-2011 10:07:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
61 BFB	95	9.549	9.549	0.0	0	130383	0	

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9832.D
 Injection Date: 12-Apr-2011 09:57:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973C
 Lims Batch ID: 11663 Lims Sample ID: 1
 Operator ID: LH
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.73
75	30.00 - 60.00% of mass 95	54.82
96	5.00 - 9.00% of mass 95	7.16
173	Less than 2.00% of mass 174	0.46 (0.57)
174	Greater than 50.00% of mass 95	80.83
175	5.00 - 9.00% of mass 174	6.81 (8.42)
176	95.00 - 101.00% of mass 174	79.11 (97.87)
177	5.00 - 9.00% of mass 176	5.34 (6.75)

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9832.D\C-8260.rslt\spectra.d

Injection Date: 12-Apr-2011 09:57:30

Spectrum: Tune Spec: Scans 447-449(9.54-9.56) Bgrd 443(9.49)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	477	60.00	472	78.00	176	96.00	3255
37.00	2868	61.00	2704	79.00	2281	119.00	169
38.00	2538	62.00	2668	80.00	459	141.00	524
39.00	1317	63.00	2193	81.00	2200	143.00	416
44.00	381	68.00	5382	82.00	474	173.00	208
45.00	457	69.00	4999	87.00	1976	174.00	36768
47.00	424	70.00	373	88.00	2108	175.00	3097
49.00	2366	73.00	2610	91.00	170	176.00	35984
50.00	10794	74.00	8950	92.00	1647	177.00	2430
51.00	3554	75.00	24936	93.00	2023		
56.00	1027	76.00	2158	94.00	6108		
57.00	1604	77.00	214	95.00	45488		

TestAmerica Laboratories
Target Compound Quantitation Report

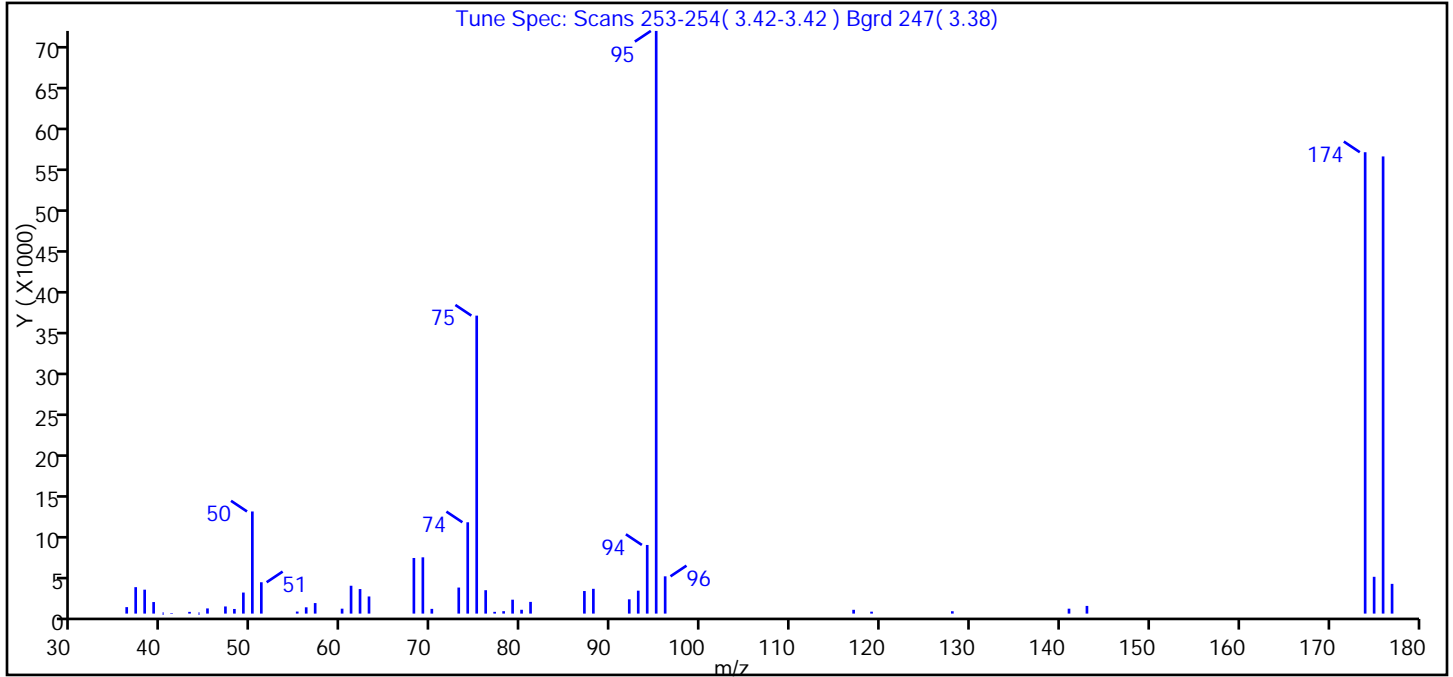
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 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0001622-001
 Operator: LH Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 8779 Lims Sample ID: 1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N-8260.m
 Last Update: 18-Mar-2011 12:22:31 Calib Date: 28-Jan-2011 20:14:30
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 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL Date: 18-Mar-2011 12:22:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
4 BFB	95	3.418	3.418	0.0	84	211859	0	

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5525.D
 Injection Date: 18-Mar-2011 12:14:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973N
 Lims Batch ID: 8779 Lims Sample ID: 1
 Operator ID: LH
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.53
75	30.00 - 60.00% of mass 95	51.14
96	5.00 - 9.00% of mass 95	6.40
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	79.18
175	5.00 - 9.00% of mass 174	6.32 (7.98)
176	95.00 - 101.00% of mass 174	78.46 (99.09)
177	5.00 - 9.00% of mass 176	5.10 (6.50)

Data File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5525.D\N-8260.rslt\spectra.d

Injection Date: 18-Mar-2011 12:14:30

Spectrum: Tune Spec: Scans 253-254(3.42-3.42) Bgrd 247(3.38)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 49

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	800	51.00	3870	75.00	36792	96.00	4602
37.00	3265	55.00	252	76.00	2888	117.00	469
38.00	2954	56.00	779	77.00	217	119.00	237
39.00	1426	57.00	1299	78.00	298	128.00	291
40.00	0	60.00	607	79.00	1718	141.00	607
41.00	70	61.00	3439	80.00	471	143.00	948
43.00	213	62.00	3030	81.00	1446	174.00	56968
44.00	0	63.00	2116	87.00	2787	175.00	4544
45.00	640	68.00	6867	88.00	3060	176.00	56448
47.00	882	69.00	6948	92.00	1763	177.00	3671
48.00	572	70.00	583	93.00	2831		
49.00	2598	73.00	3216	94.00	8475		
50.00	12610	74.00	11276	95.00	71944		

TestAmerica Laboratories
Target Compound Quantitation Report

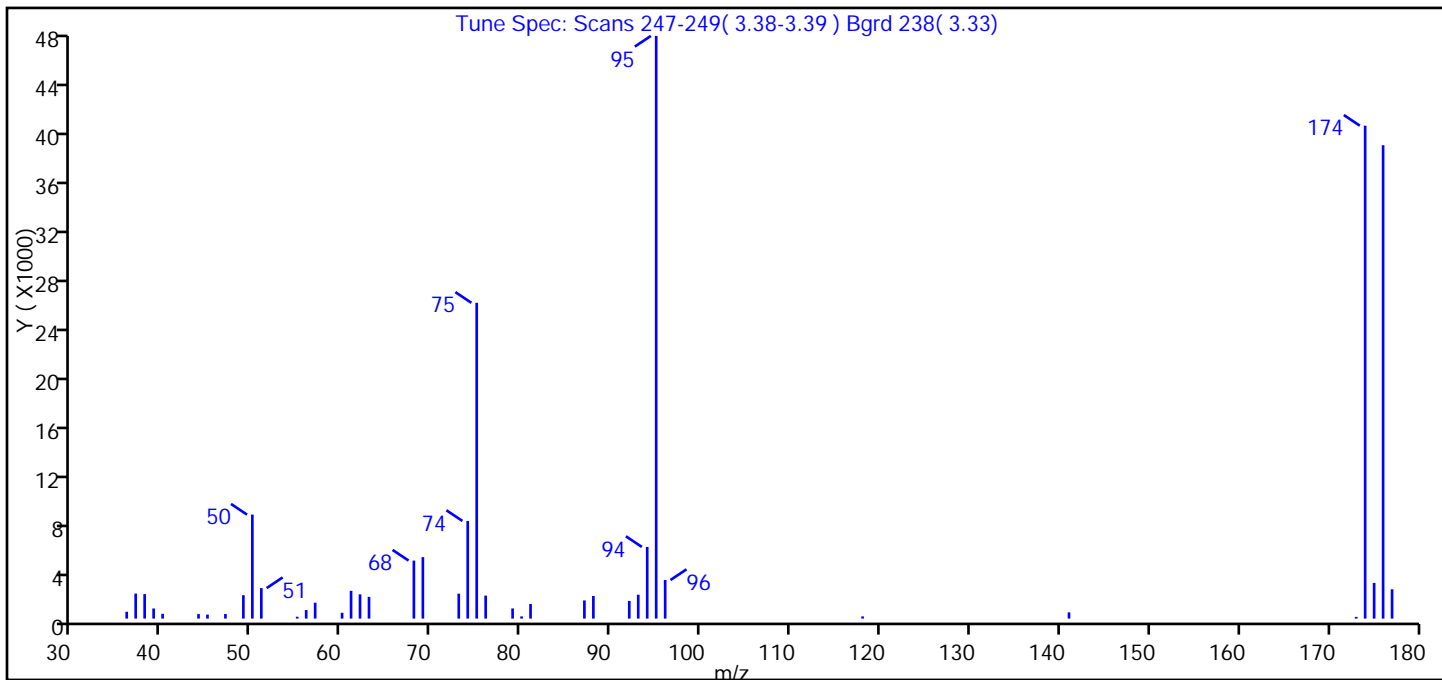
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 Sample Type: BFB
 Sample ID: BFB
 Misc. Info.: 480-0002148-001
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 11387 Lims Sample ID: 1
 Detector: MS SCAN
 Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 09-Apr-2011 11:41:33 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
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 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn Date: 09-Apr-2011 10:20:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
4 BFB	95	3.388	3.388	0.0	85	125915	0	

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6124.D
 Injection Date: 09-Apr-2011 10:08:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973N
 Lims Batch ID: 11387 Lims Sample ID: 1
 Operator ID: NMD
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.85
75	30.00 - 60.00% of mass 95	54.20
96	5.00 - 9.00% of mass 95	6.63
173	Less than 2.00% of mass 174	0.30 (0.35)
174	Greater than 50.00% of mass 95	84.60
175	5.00 - 9.00% of mass 174	6.13 (7.24)
176	95.00 - 101.00% of mass 174	81.25 (96.04)
177	5.00 - 9.00% of mass 176	5.04 (6.20)

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6124.D\N-8260.rsl\spectra.d

Injection Date: 09-Apr-2011 10:08:30

Spectrum: Tune Spec: Scans 247-249(3.38-3.39) Bgrd 238(3.33)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 41

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	554	55.00	152	75.00	25616	96.00	3132
37.00	2031	56.00	693	76.00	1864	118.00	178
38.00	1987	57.00	1290	79.00	823	141.00	507
39.00	820	60.00	472	80.00	177	173.00	140
40.00	388	61.00	2251	81.00	1187	174.00	39984
44.00	366	62.00	1969	87.00	1475	175.00	2895
45.00	325	63.00	1764	88.00	1832	176.00	38400
47.00	372	68.00	4706	92.00	1435	177.00	2380
49.00	1900	69.00	4986	93.00	1938		
50.00	8435	73.00	2021	94.00	5813		
51.00	2475	74.00	7922	95.00	47264		

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6157.D
 Lims ID: bfb Client ID:
 Inject. Date: 10-Apr-2011 12:49:30 Dil. Factor: 1.0000
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 Sample ID: BFB
 Misc. Info.: 480-0002160-001
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 1
 Lims Batch ID: 11454 Lims Sample ID: 1
 Detector: MS SCAN

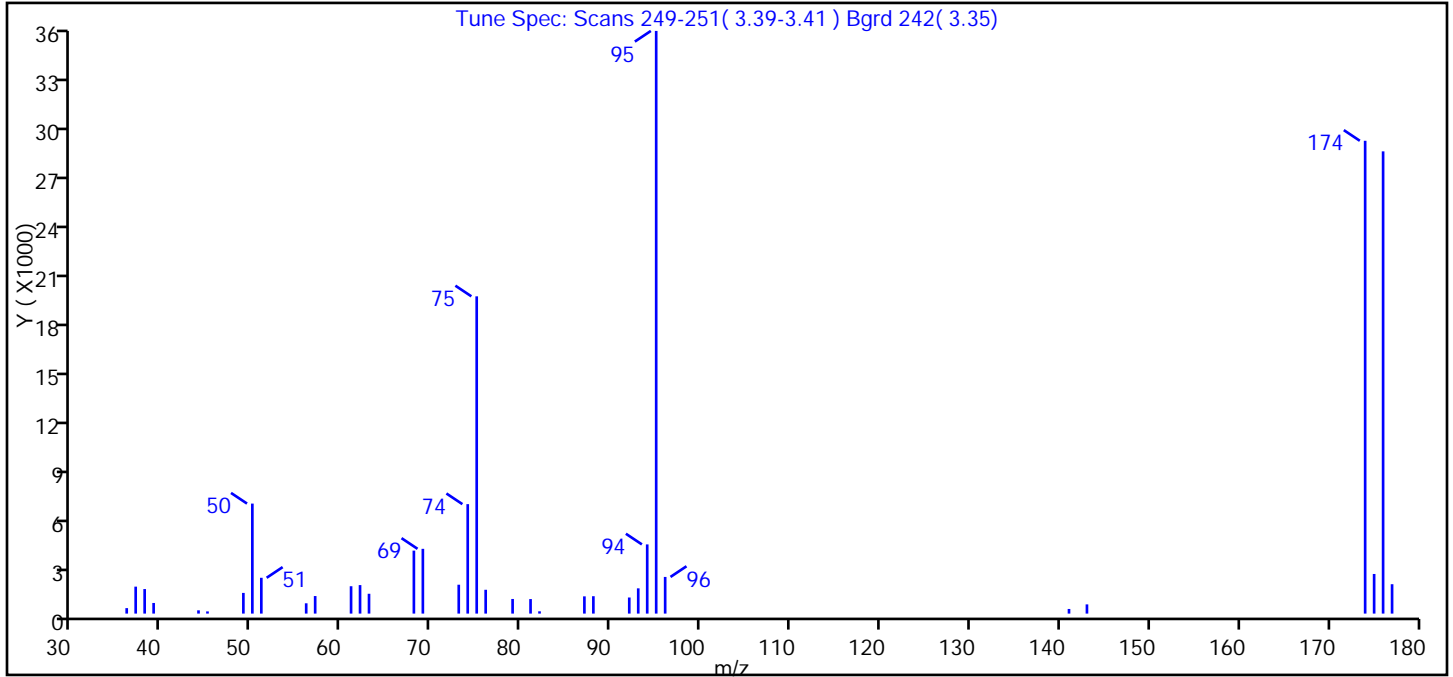
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 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn Date: 10-Apr-2011 12:59:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
4 BFB	95	3.400	3.400	0.0	85	81914	0	

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6157.D
 Injection Date: 10-Apr-2011 12:49:30 Limit Group: MV - 8260B ICAL
 Client ID: Instrument ID: HP5973N
 Lims Batch ID: 11454 Lims Sample ID: 1
 Operator ID: NMD
 Column Type: ZB-624 Column Dia: 0.25 mm
 Tune Method: BFB Method 8260

4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.88
75	30.00 - 60.00% of mass 95	54.45
96	5.00 - 9.00% of mass 95	6.29
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.15
175	5.00 - 9.00% of mass 174	6.80 (8.38)
176	95.00 - 101.00% of mass 174	79.33 (97.76)
177	5.00 - 9.00% of mass 176	5.04 (6.36)

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6157.D\N-8260.rsl\spectra.d

Injection Date: 10-Apr-2011 12:49:30

Spectrum: Tune Spec: Scans 249-251(3.39-3.41) Bgrd 242(3.35)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 36

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	335	56.00	631	75.00	19432	94.00	4238
37.00	1651	57.00	1075	76.00	1459	95.00	35688
38.00	1503	61.00	1676	79.00	896	96.00	2246
39.00	651	62.00	1746	81.00	890	141.00	284
44.00	200	63.00	1215	82.00	140	143.00	564
45.00	134	68.00	3857	87.00	1056	174.00	28960
49.00	1267	69.00	3967	88.00	1065	175.00	2427
50.00	6738	73.00	1769	92.00	986	176.00	28312
51.00	2194	74.00	6704	93.00	1547	177.00	1800

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-11387/5
 Matrix: Water Lab File ID: N6131.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 13:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-11387/5
 Matrix: Water Lab File ID: N6131.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 13:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		66-137
2037-26-5	Toluene-d8 (Surr)	102		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6131.D
 Lims ID: mb Client ID:
 Inject. Date: 09-Apr-2011 13:03:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0002148-005
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 11387 Lims Sample ID: 5
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 09-Apr-2011 13:24:53 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 09-Apr-2011 13:24:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.634	4.640	-0.006	93	545575	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	83	482874	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	244384	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.245	4.251	-0.006	0	209745	29.2	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.001	80	603353	25.6	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	87	190138	25.3	
129 tert-amyl alcohol TIC	1		0.000					
11 Dichlorodifluoromethane	85		1.014					
12 Chlorodifluoromethane	51		1.026					
13 Chloromethane	50		1.093					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
17 Dichlorofluoromethane	67		1.610					
18 Trichlorofluoromethane	101		1.635					
19 Ethyl ether	59		1.805					
81 Propene oxide	58		1.884					
20 Acrolein	56		1.945					
22 1,1-Dichloroethene	96		2.000					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.006					
23 Acetone	43		2.085					
24 Iodomethane	142		2.127					
25 Carbon disulfide	76		2.182					
26 Isopropyl alcohol	45		2.255					
27 3-Chloro-1-propene	41		2.304					
28 Methyl acetate	43		2.334					
29 Acetonitrile	40		2.340					
30 Methylene Chloride	84		2.438					
31 2-Methyl-2-propanol	59		2.596					
32 Methyl tert-butyl ether	73		2.626					
33 trans-1,2-Dichloroethene	96		2.626					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
34 Acrylonitrile	53		2.669					
35 Hexane	57		2.815					
36 1,1-Dichloroethane	63		3.003					
37 Isopropyl ether	45		3.046					
38 2-Chloro-1,3-butadiene	53		3.058					
39 Vinyl acetate	43		3.058					
40 1,1-Dimethoxyethane	75		3.107					
41 Tert-butyl ethyl ether	59		3.362					
42 2,2-Dichloropropane	77		3.496					
43 cis-1,2-Dichloroethene	96		3.521					
44 2-Butanone (MEK)	43		3.557					
45 Ethyl acetate	43		3.606					
46 Propionitrile	54		3.648					
47 Chlorobromomethane	128		3.733					
48 Methacrylonitrile	41		3.752					
49 Tetrahydrofuran	42		3.764					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.940					
53 Carbon tetrachloride	117		4.056					
54 1,1-Dichloropropene	75		4.068					
55 Benzene	78		4.251					
56 Isobutyl alcohol	43		4.317					
57 1,2-Dichloroethane	62		4.318					
58 Tert-amyl methyl ether	73		4.360					
59 n-Heptane	43		4.463					
60 Trichloroethene	95		4.853					
61 n-Butanol	56		4.926					
62 Methylcyclohexane	83		4.968					
63 1,2-Dichloropropane	63		5.072					
64 Dibromomethane	93		5.206					
65 Methyl methacrylate	41		5.212					
66 1,4-Dioxane	88		5.236					
67 Dichlorobromomethane	83		5.364					
68 2-Nitropropane	43		5.607					
69 2-Chloroethyl vinyl ether	63		5.662					
70 Epichlorohydrin	57		5.735					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.051					
74 2-Methylthiophene	97		6.185					
76 3-Methylthiophene	97		6.343					
75 trans-1,3-Dichloropropene	75		6.343					
77 Ethyl methacrylate	69		6.416					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
80 1,3-Dichloropropane	76		6.672					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
86 3-Chlorobenzotrifluoride	180		7.481					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
87 4-Chlorobenzotrifluoride	180		7.542					
89 1,1,1,2-Tetrachloroethane	131		7.572					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.108					
92 Styrene	104		8.144					
93 Bromoform	173		8.363					
94 2-Chlorobenzotrifluoride	180		8.430					
95 Isopropylbenzene	105		8.503					
96 Cyclohexanone	55		8.643					
97 Bromobenzene	156		8.825					
98 1,1,2,2-Tetrachloroethane	83		8.917					
99 1,2,3-Trichloropropane	110		8.935					
100 N-Propylbenzene	91		8.941					
101 trans-1,4-Dichloro-2-butene	53		8.965					
102 2-Chlorotoluene	126		9.032					
103 3-Chlorotoluene	126		9.105					
104 1,3,5-Trimethylbenzene	105		9.142					
105 4-Chlorotoluene	91		9.154					
106 tert-Butylbenzene	134		9.482					
107 Pentachloroethane	167		9.525					
108 1,2,4-Trimethylbenzene	105		9.537					
109 sec-Butylbenzene	105		9.708					
110 1,3-Dichlorobenzene	146		9.829					
111 4-Isopropyltoluene	119		9.866					
112 Dicyclopentadiene	66		9.896					
113 1,4-Dichlorobenzene	146		9.927					
114 1,2,3-Trimethylbenzene	105		9.969					
115 n-Butylbenzene	91		10.279					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
118 1,3,5-Trichlorobenzene	180		11.198					
119 1,2,4-Trichlorobenzene	180		11.752					
120 Hexachlorobutadiene	225		11.879					
121 Naphthalene	128		11.958					
122 1,2,3-Trichlorobenzene	180		12.165					
S 123 1,3-Dichloropropene, Total	1		30.000					7
S 124 1,2-Dichloroethene, Total	1		30.000					7
S 125 Total BTEX	1		30.000					7
S 126 Xylenes, Total	1		30.000					7
T 8 t-Amyl alcohol	59		0.000					1
T 128 Hexachloroethane TIC	1		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 127 Ethanol TIC	45		0.000					1
T 10 Ethylene oxide	1		0.000					1

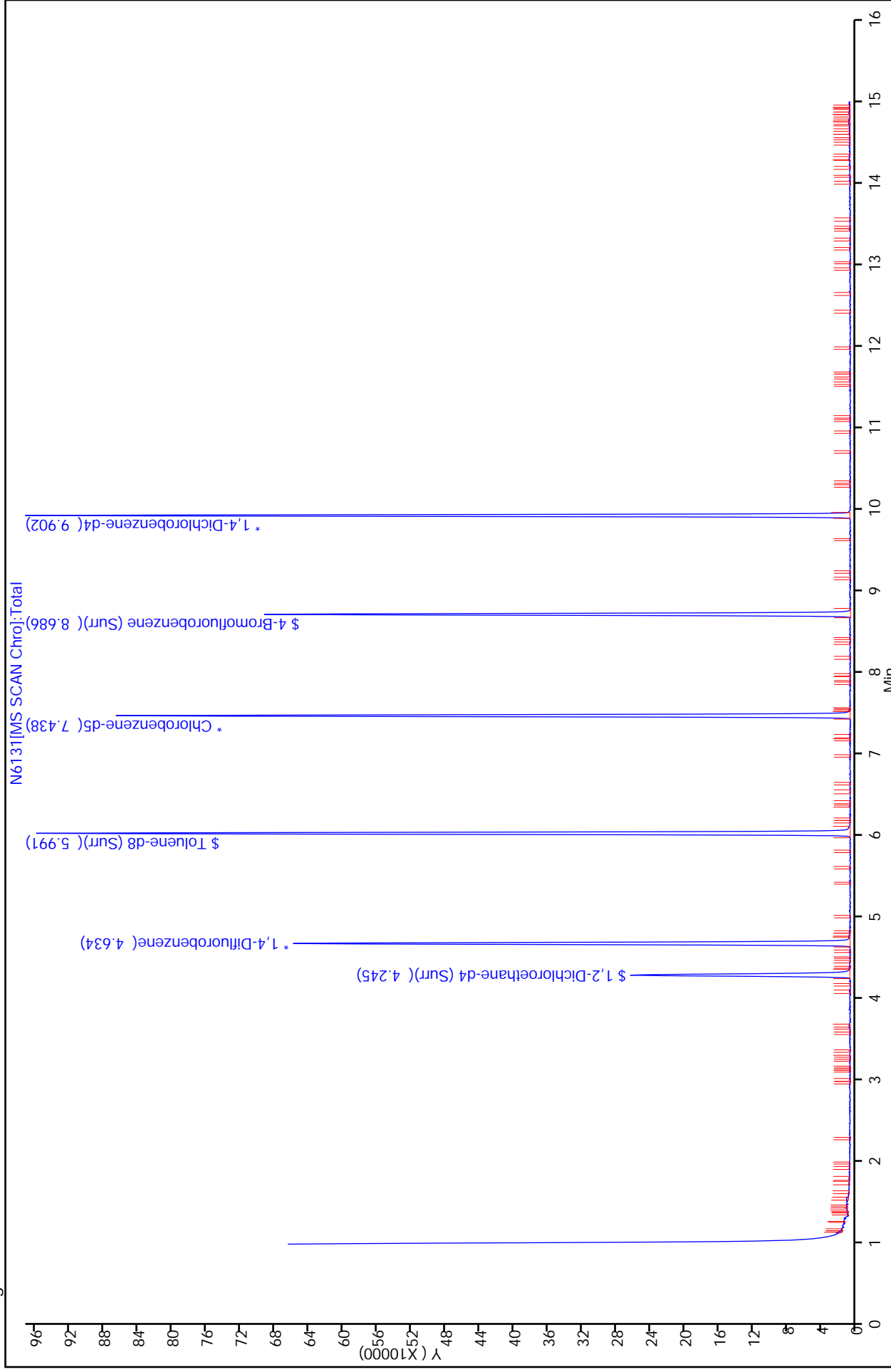
QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 09-Apr-2011 13:24:53
 Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6131.D
 Injection Date: 09-Apr-2011 13:03:30
 Client ID:
 Lims Batch ID: 11387
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 5
 Chrom Revision: 1.2
 Date: 17-Feb-2011 18:05:56



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-11454/5
 Matrix: Water Lab File ID: N6161.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/10/2011 14:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-11454/5
 Matrix: Water Lab File ID: N6161.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/10/2011 14:23
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		66-137
2037-26-5	Toluene-d8 (Surr)	101		71-126
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6161.D
 Lims ID: mb Client ID:
 Inject. Date: 10-Apr-2011 14:23:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0002160-005
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 11454 Lims Sample ID: 5
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 15:06:35 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 10-Apr-2011 15:06:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	462180	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.439	-0.001	83	408967	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	96	209814	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	180327	29.6	
\$ 6 Toluene-d8 (Surr)	98	5.990	5.991	-0.001	80	505048	25.3	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	167592	26.4	
129 tert-amyl alcohol TIC	1		0.000					
11 Dichlorodifluoromethane	85		1.014					
12 Chlorodifluoromethane	51		1.014					
13 Chloromethane	50		1.099					
14 Vinyl chloride	62		1.172					
15 Bromomethane	94		1.373					
16 Chloroethane	64		1.428					
17 Dichlorofluoromethane	67		1.604					
18 Trichlorofluoromethane	101		1.629					
19 Ethyl ether	59		1.799					
81 Propene oxide	58		1.872					
20 Acrolein	56		1.951					
22 1,1-Dichloroethene	96		2.012					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		2.012					
23 Acetone	43		2.085					
24 Iodomethane	142		2.134					
25 Carbon disulfide	76		2.182					
26 Isopropyl alcohol	45		2.243					
27 3-Chloro-1-propene	41		2.286					
28 Methyl acetate	43		2.340					
29 Acetonitrile	40		2.353					
30 Methylene Chloride	84		2.438					
31 2-Methyl-2-propanol	59		2.584					
33 trans-1,2-Dichloroethene	96		2.626					
32 Methyl tert-butyl ether	73		2.632					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
34 Acrylonitrile	53		2.669					
35 Hexane	57		2.803					
36 1,1-Dichloroethane	63		3.004					
37 Isopropyl ether	45		3.034					
38 2-Chloro-1,3-butadiene	53		3.052					
39 Vinyl acetate	43		3.058					
40 1,1-Dimethoxyethane	75		3.095					
41 Tert-butyl ethyl ether	59		3.357					
42 2,2-Dichloropropane	77		3.502					
43 cis-1,2-Dichloroethene	96		3.521					
44 2-Butanone (MEK)	43		3.557					
45 Ethyl acetate	43		3.600					
46 Propionitrile	54		3.642					
47 Chlorobromomethane	128		3.734					
48 Methacrylonitrile	41		3.746					
49 Tetrahydrofuran	42		3.764					
50 Chloroform	83		3.819					
51 1,1,1-Trichloroethane	97		3.928					
52 Cyclohexane	56		3.946					
53 Carbon tetrachloride	117		4.056					
54 1,1-Dichloropropene	75		4.062					
55 Benzene	78		4.257					
56 Isobutyl alcohol	43		4.312					
57 1,2-Dichloroethane	62		4.318					
58 Tert-amyl methyl ether	73		4.354					
59 n-Heptane	43		4.464					
60 Trichloroethene	95		4.853					
61 n-Butanol	56		4.926					
62 Methylcyclohexane	83		4.975					
63 1,2-Dichloropropane	63		5.072					
64 Dibromomethane	93		5.206					
65 Methyl methacrylate	41		5.206					
66 1,4-Dioxane	88		5.242					
67 Dichlorobromomethane	83		5.370					
68 2-Nitropropane	43		5.607					
69 2-Chloroethyl vinyl ether	63		5.662					
70 Epichlorohydrin	57		5.735					
71 cis-1,3-Dichloropropene	75		5.778					
72 4-Methyl-2-pentanone (MIBK)	43		5.936					
73 Toluene	92		6.057					
74 2-Methylthiophene	97		6.185					
76 3-Methylthiophene	97		6.344					
75 trans-1,3-Dichloropropene	75		6.343					
77 Ethyl methacrylate	69		6.416					
78 1,1,2-Trichloroethane	83		6.520					
79 Tetrachloroethene	166		6.575					
80 1,3-Dichloropropane	76		6.672					
82 2-Hexanone	43		6.769					
83 Chlorodibromomethane	129		6.897					
84 Ethylene Dibromide	107		6.988					
85 Chlorobenzene	112		7.469					
86 3-Chlorobenzotrifluoride	180		7.481					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
87 4-Chlorobenzotrifluoride	180		7.542					
89 1,1,1,2-Tetrachloroethane	131		7.572					
88 Ethylbenzene	91		7.572					
90 m-Xylene & p-Xylene	106		7.700					
91 o-Xylene	106		8.114					
92 Styrene	104		8.144					
93 Bromoform	173		8.369					
94 2-Chlorobenzotrifluoride	180		8.430					
95 Isopropylbenzene	105		8.503					
96 Cyclohexanone	55		8.643					
97 Bromobenzene	156		8.826					
98 1,1,2,2-Tetrachloroethane	83		8.923					
99 1,2,3-Trichloropropane	110		8.935					
100 N-Propylbenzene	91		8.947					
101 trans-1,4-Dichloro-2-butene	53		8.965					
102 2-Chlorotoluene	126		9.032					
103 3-Chlorotoluene	126		9.105					
104 1,3,5-Trimethylbenzene	105		9.142					
105 4-Chlorotoluene	91		9.154					
106 tert-Butylbenzene	134		9.483					
107 Pentachloroethane	167		9.525					
108 1,2,4-Trimethylbenzene	105		9.537					
109 sec-Butylbenzene	105		9.708					
110 1,3-Dichlorobenzene	146		9.829					
111 4-Isopropyltoluene	119		9.866					
112 Dicyclopentadiene	66		9.902					
113 1,4-Dichlorobenzene	146		9.927					
114 1,2,3-Trimethylbenzene	105		9.969					
115 n-Butylbenzene	91		10.273					
116 1,2-Dichlorobenzene	146		10.292					
117 1,2-Dibromo-3-Chloropropane	75		11.052					
118 1,3,5-Trichlorobenzene	180		11.198					
119 1,2,4-Trichlorobenzene	180		11.752					
120 Hexachlorobutadiene	225		11.886					
121 Naphthalene	128		11.959					
122 1,2,3-Trichlorobenzene	180		12.165					
S 125 Total BTEX	1		30.000					7
S 126 Xylenes, Total	1		30.000					7
S 123 1,3-Dichloropropene, Total	1		30.000					7
S 124 1,2-Dichloroethene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 10 Ethylene oxide	1		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 128 Hexachloroethane TIC	1		0.000					1

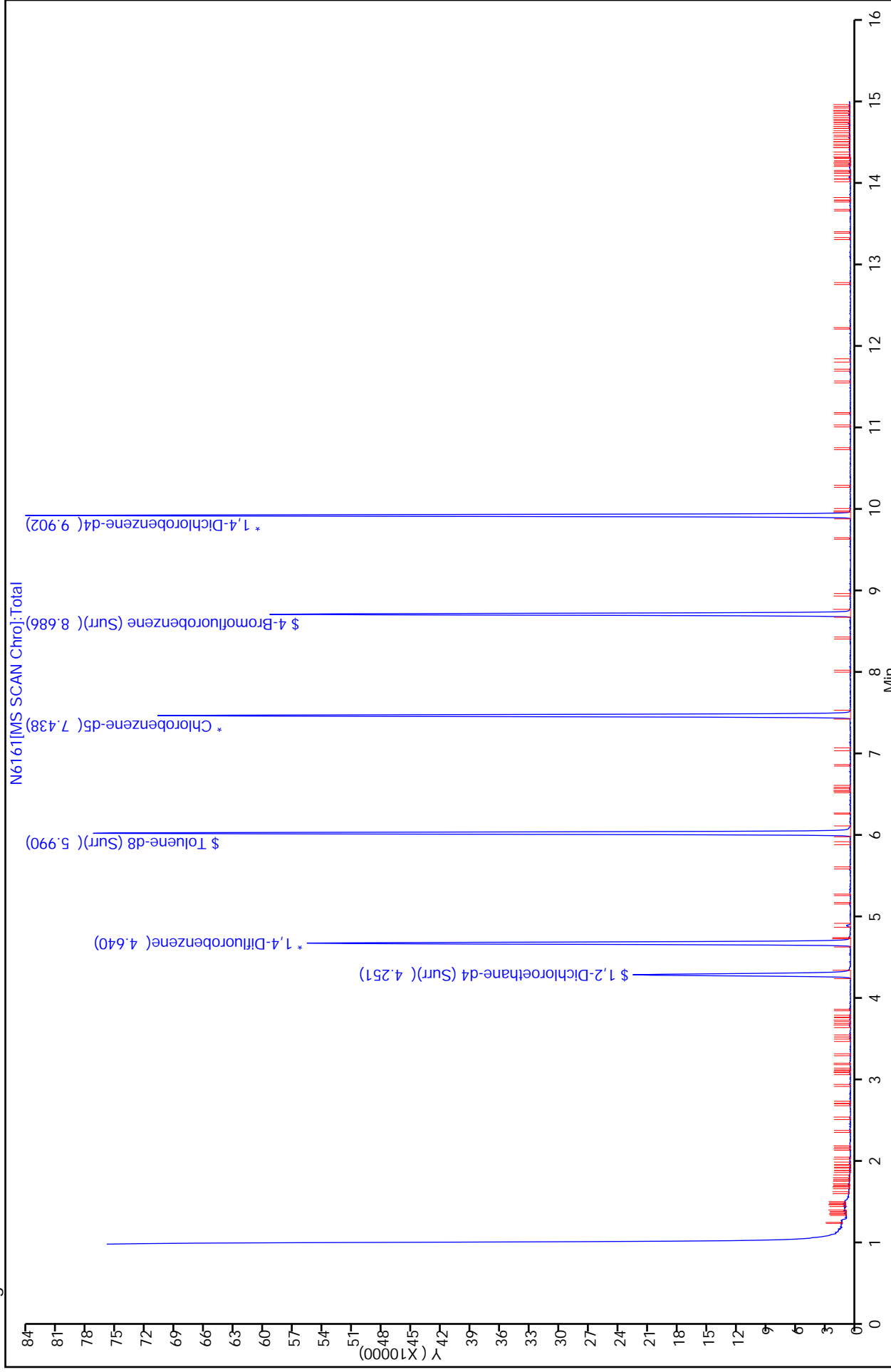
QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 10-Apr-2011 15:06:35
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6161.D
 Injection Date: 10-Apr-2011 14:23:30
 Client ID:
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Y Scaling:
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 5
 Column Dia: 0.25 mm



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-11663/5
 Matrix: Water Lab File ID: C9836.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 12:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-11663/5
 Matrix: Water Lab File ID: C9836.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 12:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
2037-26-5	Toluene-d8 (Surr)	98		71-126
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9836.D
 Lims ID: mb Client ID:
 Inject. Date: 12-Apr-2011 12:32:30 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: MB
 Misc. Info.: 480-0002205-005
 Operator: LH Instrument ID: HP5973C
 Vol. Injected: 1.0000 ALS Bottle#: 29
 Lims Batch ID: 11663 Lims Sample ID: 5
 Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m
 Last Update: 12-Apr-2011 12:51:08 Calib Date: 21-Mar-2011 23:45:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: HILL

Date: 12-Apr-2011 12:51:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.466	9.466	0.0	94	554832	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	86	305807	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	96	292336	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	113950	25.5	
\$ 5 Toluene-d8 (Surr)	98	10.664	10.652	0.012	94	628483	24.4	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	191391	22.1	
10 Dichlorodifluoromethane	85		4.474					
11 Chlorodifluoromethane	51		4.521					
12 Chloromethane	50		4.877					
13 Vinyl chloride	62		5.114					
14 Bromomethane	94		5.719					
15 Chloroethane	64		5.862					
16 Dichlorofluoromethane	67		6.146					
17 Trichlorofluoromethane	101		6.217					
18 Ethyl ether	59		6.526					
19 Propene oxide	58		6.668					
20 Acrolein	56		6.763					
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		6.798					
22 1,1-Dichloroethene	96		6.858					
23 Acetone	43		6.905					
24 Isopropyl alcohol	45		7.012					
25 Iodomethane	142		7.095					
26 Carbon disulfide	76		7.190					
27 Methyl acetate	43		7.213					
28 3-Chloro-1-propene	41		7.237					
29 Acetonitrile	40		7.249					
30 Methylene Chloride	84		7.379					
31 2-Methyl-2-propanol	59		7.403					
32 Methyl tert-butyl ether	73		7.557					
33 Acrylonitrile	53		7.617					
34 trans-1,2-Dichloroethene	96		7.628					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
35 Hexane	57		7.783					
36 Isopropyl ether	45		7.937					
37 Vinyl acetate	43		7.960					
38 1,1-Dimethoxyethane	75		8.020					
39 1,1-Dichloroethane	63		8.020					
40 2-Chloro-1,3-butadiene	53		8.079					
41 Tert-butyl ethyl ether	59		8.257					
42 Ethyl acetate	43		8.447					
43 2-Butanone (MEK)	43		8.470					
44 2,2-Dichloropropane	77		8.518					
45 cis-1,2-Dichloroethene	96		8.518					
46 Propionitrile	54		8.577					
47 Methacrylonitrile	41		8.684					
48 Chlorobromomethane	128		8.743					
49 Tetrahydrofuran	42		8.755					
50 Chloroform	83		8.755					
51 1,1,1-Trichloroethane	97		8.933					
52 Cyclohexane	56		8.980					
53 Isobutyl alcohol	43		9.004					
54 1,1-Dichloropropene	75		9.051					
55 Carbon tetrachloride	117		9.075					
56 Tert-amyl methyl ether	73		9.206					
57 Benzene	78		9.241					
58 1,2-Dichloroethane	62		9.253					
59 n-Heptane	43		9.265					
60 n-Butanol	56		9.514					
62 Trichloroethene	95		9.716					
63 Methyl methacrylate	41		9.846					
64 Methylcyclohexane	83		9.870					
65 1,2-Dichloropropane	63		9.929					
66 1,4-Dioxane	88		9.988					
67 Dibromomethane	93		10.059					
68 Dichlorobromomethane	83		10.119					
69 2-Chloroethyl vinyl ether	63		10.249					
70 2-Nitropropane	43		10.285					
71 Epichlorohydrin	57		10.380					
72 cis-1,3-Dichloropropene	75		10.439					
73 4-Methyl-2-pentanone (MIBK)	43		10.474					
74 Toluene	92		10.712					
75 Ethyl methacrylate	69		10.783					
76 2-Methylthiophene	97		10.842					
77 trans-1,3-Dichloropropene	75		10.854					
78 3-Methylthiophene	97		10.961					
79 1,1,2-Trichloroethane	83		11.032					
80 2-Hexanone	43		11.115					
81 Tetrachloroethene	166		11.162					
82 1,3-Dichloropropane	76		11.174					
83 Chlorodibromomethane	129		11.399					
84 Ethylene Dibromide	107		11.530					
85 3-Chlorobenzotrifluoride	180		11.684					
86 4-Chlorobenzotrifluoride	180		11.720					
87 Chlorobenzene	112		11.862					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
88 Ethylbenzene	91		11.874					
89 1,1,1,2-Tetrachloroethane	131		11.909					
90 m-Xylene & p-Xylene	106		11.957					
92 Styrene	104		12.313					
91 o-Xylene	106		12.313					
93 2-Chlorobenzotrifluoride	180		12.479					
94 Isopropylbenzene	105		12.573					
95 Bromoform	173		12.597					
96 Cyclohexanone	55		12.787					
97 1,1,2,2-Tetrachloroethane	83		12.858					
98 trans-1,4-Dichloro-2-butene	53		12.894					
99 N-Propylbenzene	91		12.929					
100 1,2,3-Trichloropropane	110		12.941					
101 Bromobenzene	156		12.988					
102 1,3,5-Trimethylbenzene	105		13.048					
103 2-Chlorotoluene	126		13.095					
104 3-Chlorotoluene	126		13.143					
105 4-Chlorotoluene	126		13.178					
106 tert-Butylbenzene	134		13.380					
107 1,2,4-Trimethylbenzene	105		13.415					
108 Pentachloroethane	167		13.498					
109 sec-Butylbenzene	105		13.581					
110 4-Isopropyltoluene	119		13.676					
111 1,3-Dichlorobenzene	146		13.807					
112 1,2,3-Trimethylbenzene	105		13.866					
113 1,4-Dichlorobenzene	146		13.890					
114 Dicyclopentadiene	66		13.925					
115 n-Butylbenzene	91		14.091					
116 1,2-Dichlorobenzene	146		14.317					
117 1,2-Dibromo-3-Chloropropane	75		15.194					
118 1,3,5-Trichlorobenzene	180		15.384					
119 1,2,4-Trichlorobenzene	180		16.250					
120 Hexachlorobutadiene	225		16.356					
121 Naphthalene	128		16.676					
122 1,2,3-Trichlorobenzene	180		17.056					
S 123 Total BTEX	1		30.000					7
S 124 Xylenes, Total	1		30.000					7
S 125 1,2-Dichloroethene, Total	1		30.000					7
S 126 1,3-Dichloropropene, Total	1		30.000					7
T 127 Ethanol TIC	45		0.000					1
T 128 Hexachloroethane TIC	1		0.000					1
T 9 bis(2-chloromethyl)ether TIC	1		0.000					1
T 8 t-Amyl alcohol	59		0.000					1
T 7 Ethylene oxide	1		0.000					1

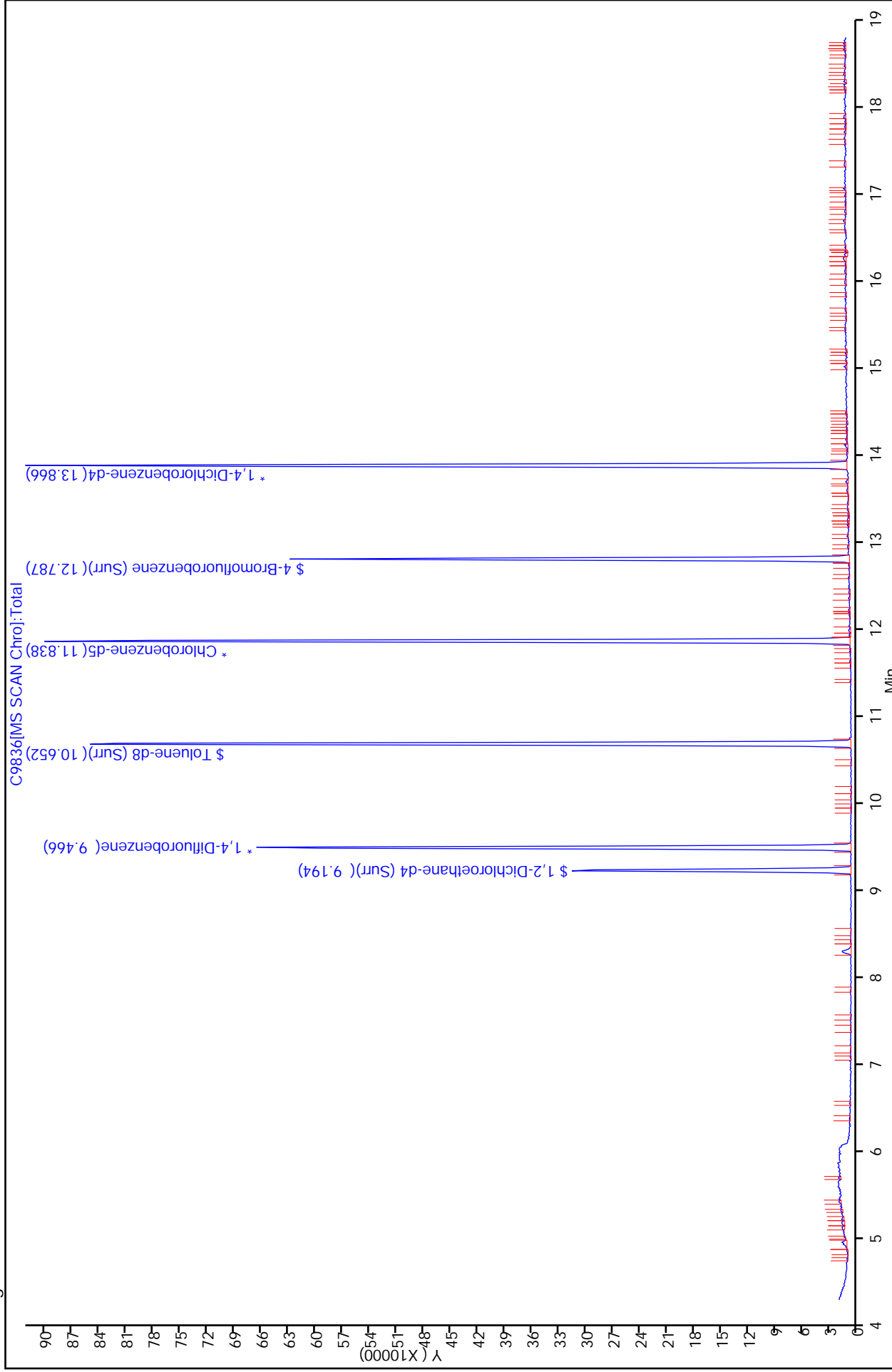
QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 12-Apr-2011 12:51:08
 Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9836.D
 Injection Date: 12-Apr-2011 12:32:30
 Client ID:
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Chrom Revision: 1.2 17-Feb-2011 18:05:56
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 5
 Column Dia: 0.25 mm
 Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-11387/4
 Matrix: Water Lab File ID: N6130.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/09/2011 12:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	20.6		1.0	0.38
75-35-4	1,1-Dichloroethene	17.0		1.0	0.29
95-50-1	1,2-Dichlorobenzene	23.1		1.0	0.79
107-06-2	1,2-Dichloroethane	25.6		1.0	0.21
71-43-2	Benzene	20.0		1.0	0.41
108-90-7	Chlorobenzene	22.8		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	21.3		1.0	0.81
100-41-4	Ethylbenzene	22.7		1.0	0.74
1634-04-4	Methyl tert-butyl ether	20.6		1.0	0.16
127-18-4	Tetrachloroethene	23.3		1.0	0.36
108-88-3	Toluene	21.1		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	20.9		1.0	0.90
79-01-6	Trichloroethene	21.6		1.0	0.46
1330-20-7	Xylenes, Total	66.2		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		66-137
2037-26-5	Toluene-d8 (Surr)	103		71-126
460-00-4	4-Bromofluorobenzene (Surr)	105		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6130.D
 Lims ID: lcs Client ID:
 Inject. Date: 09-Apr-2011 12:39:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0002148-004
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 11387 Lims Sample ID: 4
 Detector: MS SCAN

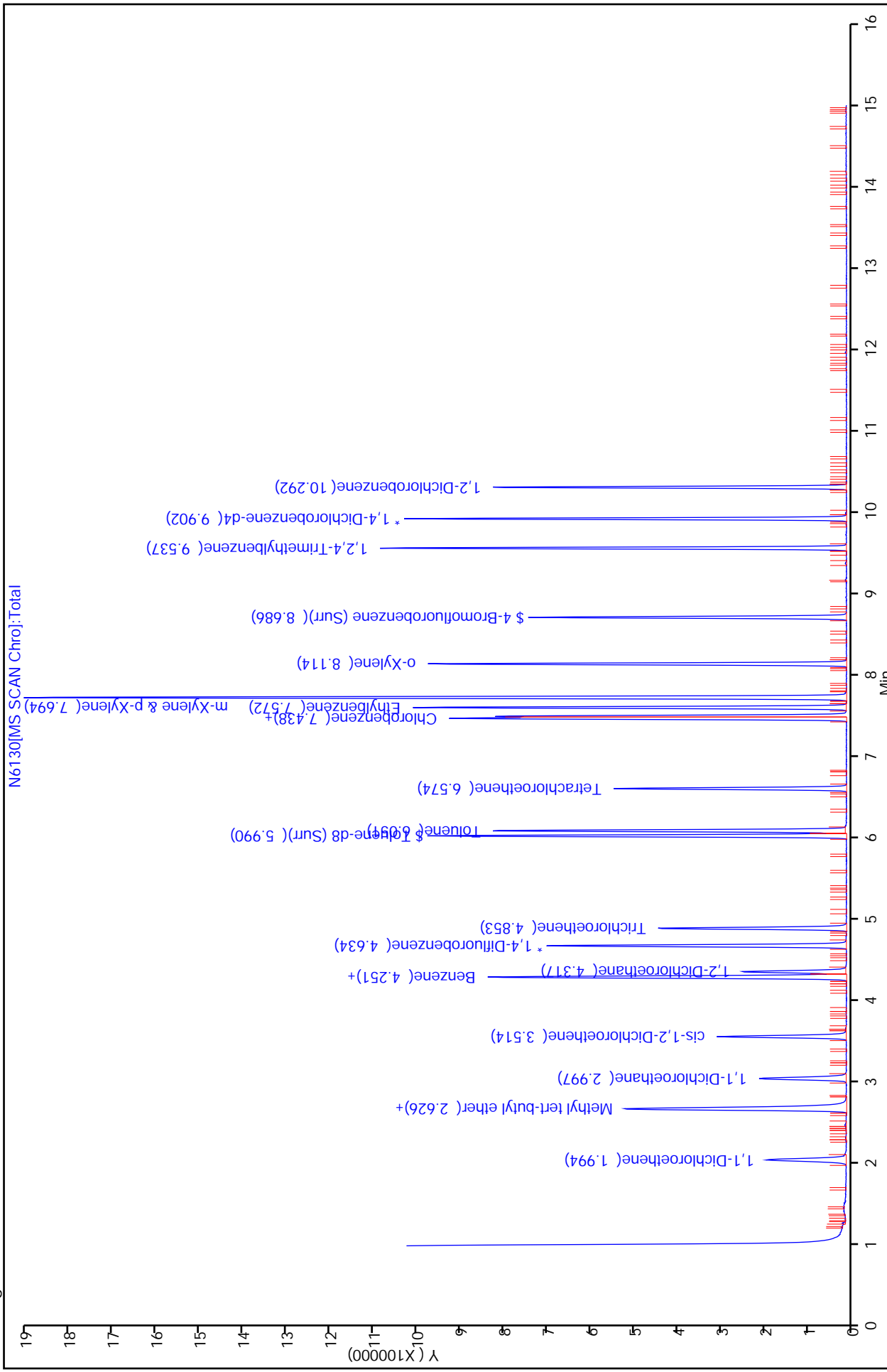
Method: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N-8260.m
 Last Update: 09-Apr-2011 13:05:06 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 09-Apr-2011 13:05:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.634	4.640	-0.006	92	549038	25.0	
* 2 Chlorobenzene-d5	117	7.438	7.438	0.0	84	487018	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	258826	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.244	4.251	-0.007	0	208761	28.9	
\$ 6 Toluene-d8 (Surr)	98	5.990	5.991	0.0	80	610921	25.7	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	86	197948	26.2	
22 1,1-Dichloroethene	96	1.994	2.000	-0.006	86	96913	17.0	
32 Methyl tert-butyl ether	73	2.626	2.626	0.0	94	385139	20.6	
33 trans-1,2-Dichloroethene	96	2.626	2.626	0.0	69	122913	20.9	
36 1,1-Dichloroethane	63	2.997	3.003	-0.006	82	226386	20.6	
43 cis-1,2-Dichloroethene	96	3.514	3.521	-0.007	65	137710	21.3	
55 Benzene	78	4.251	4.251	0.0	96	524242	20.0	
57 1,2-Dichloroethane	62	4.317	4.318	-0.001	99	212844	25.6	
60 Trichloroethene	95	4.847	4.853	-0.006	97	137080	21.6	
73 Toluene	92	6.051	6.051	0.0	99	346148	21.1	
79 Tetrachloroethene	166	6.574	6.575	-0.001	90	157340	23.3	
85 Chlorobenzene	112	7.469	7.469	0.0	94	408639	22.8	
88 Ethylbenzene	91	7.572	7.572	0.0	98	690178	22.7	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	99	544848	44.4	
91 o-Xylene	106	8.114	8.108	0.006	97	258075	21.8	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	98	592606	22.1	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	97	316739	23.1	
S 124 1,2-Dichloroethene, Total	1				0		42.2	
S 126 Xylenes, Total	1				0		66.2	

Report Date: 09-Apr-2011 13:05:06
 Data File: \\Bufchrom\ChromData\HP5973N\20110409-2148.b\N6130.D
 Injection Date: 09-Apr-2011 12:39:30
 Client ID: MV - 8260B ICAL
 Lims Batch ID: HP5973N
 Operator ID: NMD
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-11454/4
 Matrix: Water Lab File ID: N6160.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/10/2011 13:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (60) ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11454 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	22.2		1.0	0.38
75-35-4	1,1-Dichloroethene	18.7		1.0	0.29
95-50-1	1,2-Dichlorobenzene	23.6		1.0	0.79
107-06-2	1,2-Dichloroethane	27.9		1.0	0.21
71-43-2	Benzene	21.6		1.0	0.41
108-90-7	Chlorobenzene	23.6		1.0	0.75
156-59-2	cis-1,2-Dichloroethene	22.6		1.0	0.81
100-41-4	Ethylbenzene	24.2		1.0	0.74
1634-04-4	Methyl tert-butyl ether	22.8		1.0	0.16
127-18-4	Tetrachloroethene	25.0		1.0	0.36
108-88-3	Toluene	22.5		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	23.2		1.0	0.90
79-01-6	Trichloroethene	23.7		1.0	0.46
1330-20-7	Xylenes, Total	69.9		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		66-137
2037-26-5	Toluene-d8 (Surr)	100		71-126
460-00-4	4-Bromofluorobenzene (Surr)	108		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6160.D
 Lims ID: lcs Client ID:
 Inject. Date: 10-Apr-2011 13:59:30 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: LCS
 Misc. Info.: 480-0002160-004
 Operator: NMD Instrument ID: HP5973N
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 11454 Lims Sample ID: 4
 Detector: MS SCAN

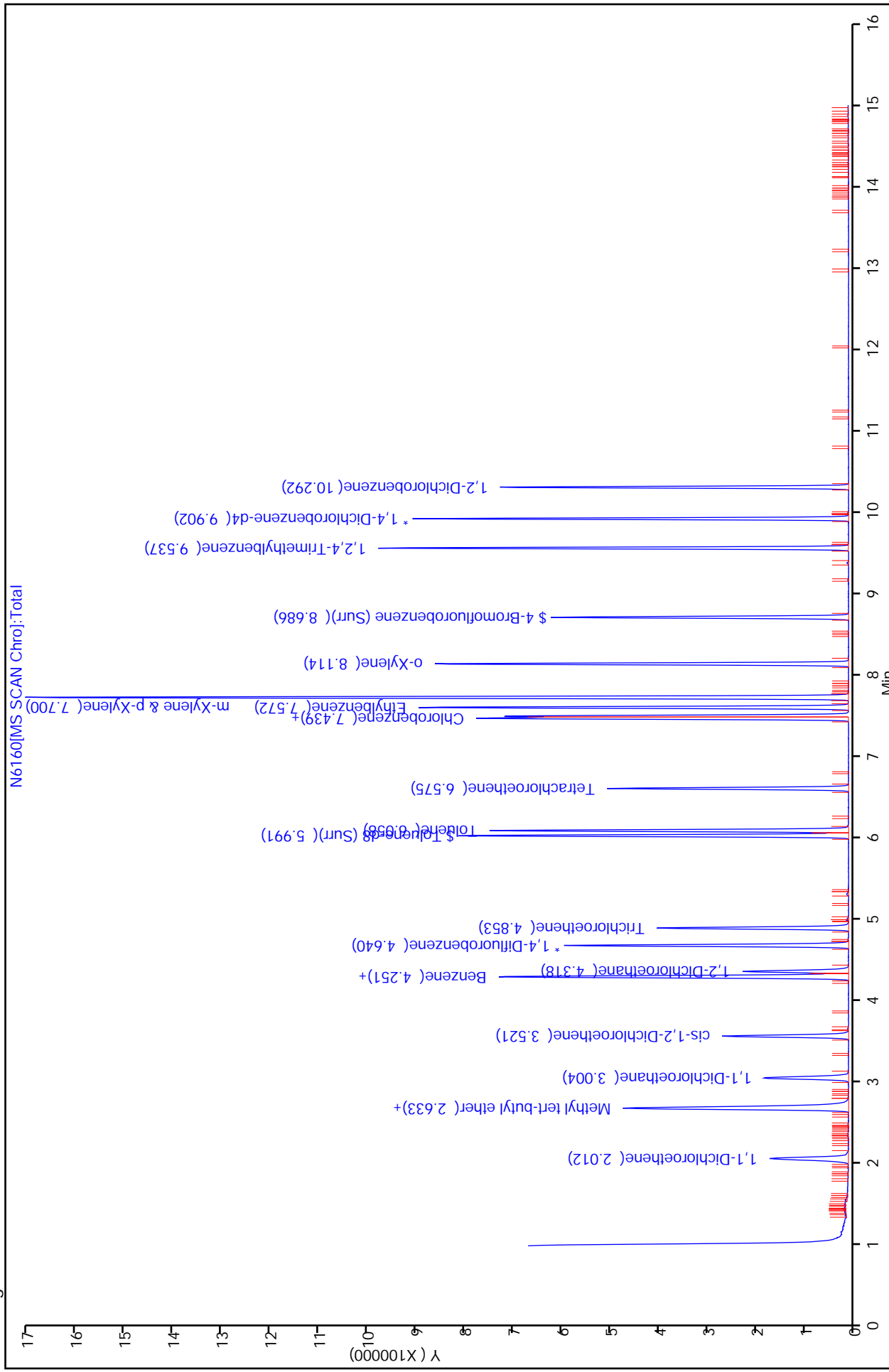
Method: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N-8260.m
 Last Update: 10-Apr-2011 14:36:22 Calib Date: 18-Mar-2011 22:33:30
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP5973N\20110318-1622.b\N5549.D
 Limit Group: MV - 8260B ICAL
 Integrator: RTE ID Type: Deconvolution ID
 Process Host: CORP-CTX-16

First Level Reviewer: diasn

Date: 10-Apr-2011 14:38:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	4.640	4.634	0.006	92	468195	25.0	
* 2 Chlorobenzene-d5	117	7.439	7.439	0.0	83	420740	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.902	9.902	0.0	95	226001	25.0	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.245	0.006	0	186212	30.2	
\$ 6 Toluene-d8 (Surr)	98	5.991	5.991	0.0	80	514502	25.1	
\$ 7 4-Bromofluorobenzene (Surr)	174	8.686	8.686	0.0	88	175699	26.9	
22 1,1-Dichloroethene	96	2.012	2.012	0.0	86	90607	18.7	
33 trans-1,2-Dichloroethene	96	2.633	2.626	0.006	72	116355	23.2	
32 Methyl tert-butyl ether	73	2.639	2.632	0.007	93	362576	22.8	
36 1,1-Dichloroethane	63	3.004	3.004	0.0	82	208256	22.2	
43 cis-1,2-Dichloroethene	96	3.521	3.521	0.0	66	124169	22.6	
55 Benzene	78	4.257	4.257	0.0	96	482682	21.6	
57 1,2-Dichloroethane	62	4.318	4.318	0.0	99	198210	27.9	
60 Trichloroethene	95	4.853	4.853	0.0	95	128548	23.7	
73 Toluene	92	6.058	6.057	0.001	99	318179	22.5	
79 Tetrachloroethene	166	6.575	6.575	0.0	91	146308	25.0	
85 Chlorobenzene	112	7.469	7.469	0.0	93	365845	23.6	
88 Ethylbenzene	91	7.572	7.572	0.0	98	634117	24.2	
90 m-Xylene & p-Xylene	106	7.700	7.700	0.0	99	494055	46.6	
91 o-Xylene	106	8.114	8.114	0.0	97	238888	23.3	
108 1,2,4-Trimethylbenzene	105	9.537	9.537	0.0	98	538027	23.0	
116 1,2-Dichlorobenzene	146	10.292	10.292	0.0	97	282299	23.6	
S 126 Xylenes, Total	1				0		69.9	
S 124 1,2-Dichloroethene, Total	1				0		45.7	

Report Date: 10-Apr-2011 14:38:03
 Data File: \\Bufchrom\ChromData\HP5973N\20110410-2160.b\N6160.D
 Injection Date: 10-Apr-2011 13:59:30
 Client ID:
 Lims Batch ID: 11454
 Operator ID: NMD
 Column Type: ZB-624
 Chrom Revision: 1.2
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973N
 Lims Sample ID: 4
 Column Dia: 0.25 mm



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-11663/4
 Matrix: Water Lab File ID: C9835.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 11:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	27.2		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.6		1.0	0.21
79-00-5	1,1,2-Trichloroethane	25.8		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.7		1.0	0.31
75-34-3	1,1-Dichloroethane	26.7		1.0	0.38
75-35-4	1,1-Dichloroethene	24.2		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	23.1		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	25.2		1.0	0.39
106-93-4	1,2-Dibromoethane	25.1		1.0	0.73
95-50-1	1,2-Dichlorobenzene	24.9		1.0	0.79
107-06-2	1,2-Dichloroethane	25.8		1.0	0.21
78-87-5	1,2-Dichloropropane	27.1		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.1		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.0		1.0	0.84
591-78-6	2-Hexanone	119		5.0	1.2
78-93-3	2-Butanone (MEK)	116		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	120		5.0	2.1
67-64-1	Acetone	116		10	3.0
71-43-2	Benzene	25.7		1.0	0.41
75-27-4	Bromodichloromethane	26.9		1.0	0.39
75-25-2	Bromoform	27.3		1.0	0.26
74-83-9	Bromomethane	32.5		1.0	0.69
75-15-0	Carbon disulfide	23.4		1.0	0.19
56-23-5	Carbon tetrachloride	30.8		1.0	0.27
108-90-7	Chlorobenzene	25.5		1.0	0.75
124-48-1	Dibromochloromethane	26.9		1.0	0.32
75-00-3	Chloroethane	30.3		1.0	0.32
67-66-3	Chloroform	24.7		1.0	0.34
74-87-3	Chloromethane	29.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	24.8		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	28.5		1.0	0.36
110-82-7	Cyclohexane	25.0		1.0	0.18
75-71-8	Dichlorodifluoromethane	26.6		1.0	0.68
100-41-4	Ethylbenzene	24.6		1.0	0.74
98-82-8	Isopropylbenzene	24.0		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-11663/4
 Matrix: Water Lab File ID: C9835.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 04/12/2011 11:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 11663 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	25.8		1.0	0.50
1634-04-4	Methyl tert-butyl ether	24.7		1.0	0.16
108-87-2	Methylcyclohexane	24.2		1.0	0.16
75-09-2	Methylene Chloride	24.8		1.0	0.44
100-42-5	Styrene	25.9		1.0	0.73
127-18-4	Tetrachloroethene	26.0		1.0	0.36
108-88-3	Toluene	24.8		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	24.7		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	30.4		1.0	0.37
79-01-6	Trichloroethene	24.1		1.0	0.46
75-69-4	Trichlorofluoromethane	25.7		1.0	0.88
75-01-4	Vinyl chloride	26.8		1.0	0.90
1330-20-7	Xylenes, Total	74.9		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		66-137
2037-26-5	Toluene-d8 (Surr)	99		71-126
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9835.D

Lims ID: lcs Client ID:
Inject. Date: 12-Apr-2011 11:31:30 Dil. Factor: 1.0000

Sample Type: LCS

Sample ID: LCS

Misc. Info.: 480-0002205-004

Operator: LH Instrument ID: HP5973C

Vol. Injected: 1.0000 ALS Bottle#: 28

Lims Batch ID: 11663 Lims Sample ID: 4

Detector: MS SCAN

Method: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C-8260.m

Last Update: 12-Apr-2011 12:00:54 Calib Date: 21-Mar-2011 23:45:30

Quant Method: Internal Standard Quant By: Initial Calibration

Last ICal File: \\Bufchrom\ChromData\HP5973C\20110321-1661.b\C9233.D

Limit Group: MV - 8260B ICAL

Integrator: RTE ID Type: Deconvolution ID

Process Host: CORP-CTX-16

First Level Reviewer: HILL

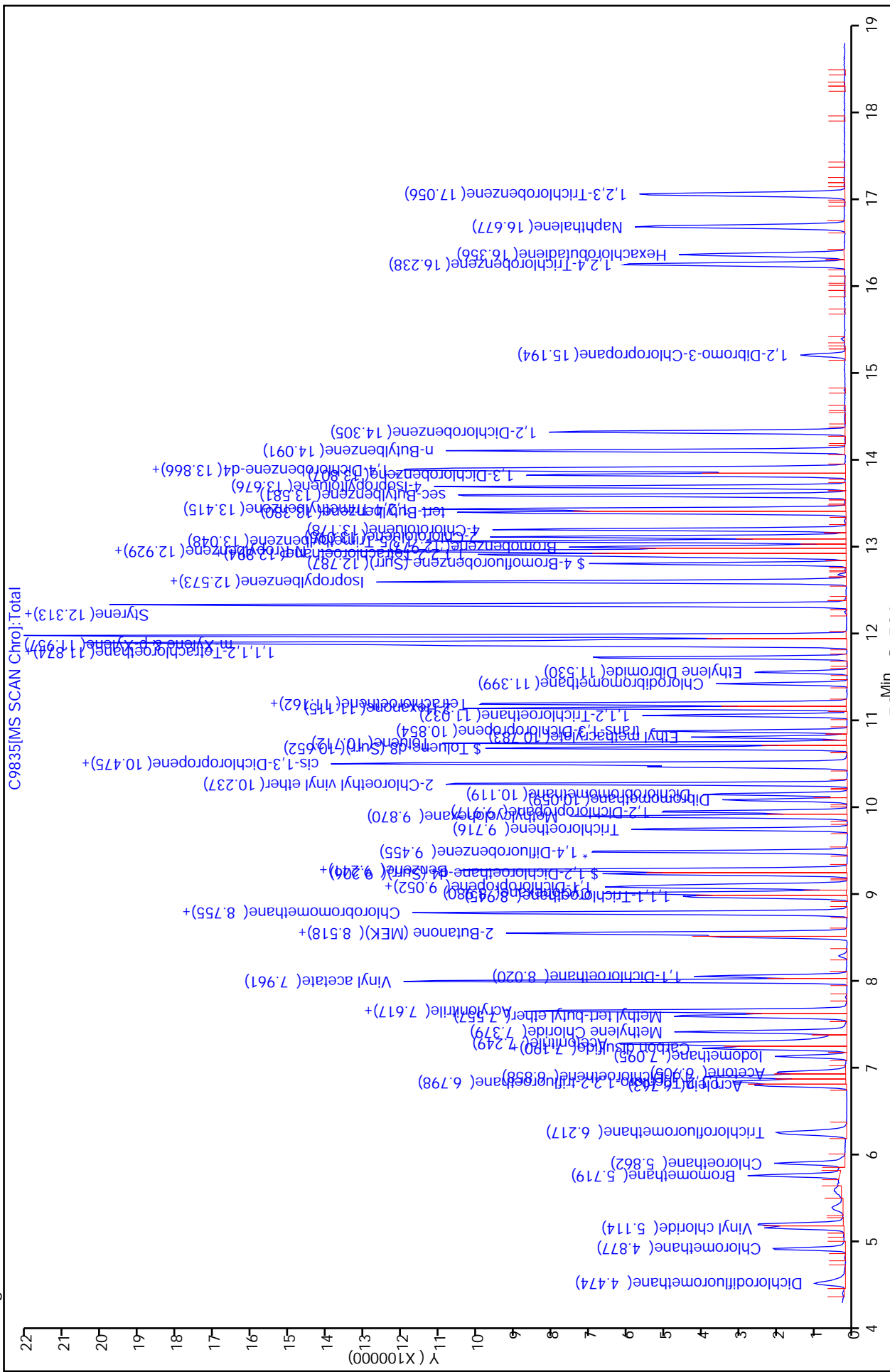
Date: 12-Apr-2011 12:00:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
* 1 1,4-Difluorobenzene	114	9.467	9.466	0.001	94	577945	25.0	
* 2 Chlorobenzene-d5	82	11.838	11.838	0.0	88	321429	25.0	
* 3 1,4-Dichlorobenzene-d4	152	13.866	13.866	0.0	95	322714	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	9.194	9.194	0.0	0	118092	25.4	
\$ 5 Toluene-d8 (Surr)	98	10.652	10.652	0.0	94	669787	24.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	12.787	12.787	0.0	88	203032	22.3	
10 Dichlorodifluoromethane	85	4.474	4.474	0.0	87	187669	26.6	
12 Chloromethane	50	4.877	4.877	0.0	88	245800	29.5	
13 Vinyl chloride	62	5.114	5.114	0.0	81	258654	26.8	
14 Bromomethane	94	5.719	5.719	0.0	93	186708	32.5	
15 Chloroethane	64	5.862	5.862	0.0	98	174530	30.3	
17 Trichlorofluoromethane	101	6.217	6.217	0.0	86	281797	25.7	
20 Acrolein	56	6.763	6.763	0.0	100	246075	396.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	6.798	6.798	0.0	85	176493	24.7	
22 1,1-Dichloroethene	96	6.858	6.858	0.0	86	167061	24.2	
23 Acetone	43	6.917	6.905	0.012	100	316184	115.7	
25 Iodomethane	142	7.095	7.095	0.0	98	233476	24.5	
26 Carbon disulfide	76	7.190	7.190	0.0	89	537803	23.4	
27 Methyl acetate	43	7.213	7.213	0.0	92	200091	25.8	
29 Acetonitrile	40	7.249	7.249	0.0	95	576635	960.1	
30 Methylene Chloride	84	7.379	7.379	0.0	97	204841	24.8	
32 Methyl tert-butyl ether	73	7.557	7.557	0.0	97	546037	24.7	
33 Acrylonitrile	53	7.617	7.617	0.0	99	395014	126.5	
34 trans-1,2-Dichloroethene	96	7.628	7.628	0.0	98	190760	24.7	
37 Vinyl acetate	43	7.961	7.960	0.001	98	1873075	149.7	
39 1,1-Dichloroethane	63	8.020	8.020	0.0	97	358030	26.7	
43 2-Butanone (MEK)	43	8.470	8.470	0.0	100	460244	115.9	
44 2,2-Dichloropropane	77	8.518	8.518	0.0	64	278411	31.1	
45 cis-1,2-Dichloroethene	96	8.518	8.518	0.0	70	210514	24.8	
48 Chlorobromomethane	128	8.743	8.743	0.0	96	101821	25.2	
49 Tetrahydrofuran	42	8.755	8.755	0.0	89	294067	120.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
50 Chloroform	83	8.755	8.755	0.0	78	349101	24.7	
51 1,1,1-Trichloroethane	97	8.933	8.933	0.0	98	296377	27.2	
52 Cyclohexane	56	8.980	8.980	0.0	91	328052	25.0	
54 1,1-Dichloropropene	75	9.052	9.051	0.001	95	257667	25.5	
55 Carbon tetrachloride	117	9.075	9.075	0.0	88	258489	30.8	
57 Benzene	78	9.241	9.241	0.0	98	750656	25.7	
58 1,2-Dichloroethane	62	9.265	9.253	0.012	97	292234	25.8	
62 Trichloroethene	95	9.716	9.716	0.0	97	190353	24.1	
64 Methylcyclohexane	83	9.870	9.870	0.0	91	301204	24.2	
65 1,2-Dichloropropane	63	9.929	9.929	0.0	95	198667	27.1	
67 Dibromomethane	93	10.059	10.059	0.0	99	125279	24.8	
68 Dichlorobromomethane	83	10.119	10.119	0.0	99	259696	26.9	
69 2-Chloroethyl vinyl ether	63	10.249	10.249	0.0	92	514390	129.8	
72 cis-1,3-Dichloropropene	75	10.439	10.439	0.0	98	289145	28.5	
73 4-Methyl-2-pentanone (MIBK)	43	10.475	10.474	0.001	96	976462	120.4	
74 Toluene	92	10.712	10.712	0.0	98	456908	24.8	
75 Ethyl methacrylate	69	10.783	10.783	0.0	86	212076	26.3	
77 trans-1,3-Dichloropropene	75	10.854	10.854	0.0	95	276936	30.4	
79 1,1,2-Trichloroethane	83	11.032	11.032	0.0	92	150401	25.8	
80 2-Hexanone	43	11.115	11.115	0.0	96	670659	119.0	
81 Tetrachloroethene	166	11.162	11.162	0.0	91	205567	26.0	
82 1,3-Dichloropropane	76	11.174	11.174	0.0	91	302833	26.1	
83 Chlorodibromomethane	129	11.399	11.399	0.0	88	181539	26.9	
84 Ethylene Dibromide	107	11.530	11.530	0.0	98	174837	25.1	
87 Chlorobenzene	112	11.874	11.862	0.012	88	510094	25.5	
88 Ethylbenzene	91	11.874	11.874	0.0	98	880428	24.6	
89 1,1,1,2-Tetrachloroethane	131	11.909	11.909	0.0	92	185134	30.4	
90 m-Xylene & p-Xylene	106	11.957	11.957	0.0	98	694681	50.2	
92 Styrene	104	12.313	12.313	0.0	88	534941	25.9	
91 o-Xylene	106	12.313	12.313	0.0	96	334978	24.7	
94 Isopropylbenzene	105	12.573	12.573	0.0	96	865427	24.0	
95 Bromoform	173	12.597	12.597	0.0	83	111619	27.3	
97 1,1,2,2-Tetrachloroethane	83	12.858	12.858	0.0	86	240928	24.6	
98 trans-1,4-Dichloro-2-butene	53	12.894	12.894	0.0	89	240836	87.3	
99 N-Propylbenzene	91	12.929	12.929	0.0	99	1087049	24.4	
100 1,2,3-Trichloropropane	110	12.941	12.941	0.0	71	75116	25.7	
101 Bromobenzene	156	12.977	12.988	-0.011	94	229491	25.4	
102 1,3,5-Trimethylbenzene	105	13.048	13.048	0.0	93	732417	24.7	
103 2-Chlorotoluene	126	13.095	13.095	0.0	95	204562	24.4	
105 4-Chlorotoluene	126	13.178	13.178	0.0	98	211323	25.2	
106 tert-Butylbenzene	134	13.380	13.380	0.0	81	154479	24.5	
107 1,2,4-Trimethylbenzene	105	13.415	13.415	0.0	67	746966	24.3	
109 sec-Butylbenzene	105	13.581	13.581	0.0	94	947604	24.1	
110 4-Isopropyltoluene	119	13.676	13.676	0.0	97	748717	24.3	
111 1,3-Dichlorobenzene	146	13.807	13.807	0.0	89	434537	25.1	
113 1,4-Dichlorobenzene	146	13.890	13.890	0.0	94	444791	25.0	
115 n-Butylbenzene	91	14.091	14.091	0.0	98	727810	23.8	
116 1,2-Dichlorobenzene	146	14.305	14.317	-0.012	97	423701	24.9	
117 1,2-Dibromo-3-Chloropropane	75	15.194	15.194	0.0	78	39143	25.2	
119 1,2,4-Trichlorobenzene	180	16.250	16.250	0.0	94	287057	23.1	
120 Hexachlorobutadiene	225	16.356	16.356	0.0	97	136194	25.5	
121 Naphthalene	128	16.677	16.676	0.001	98	713266	21.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/L	Flags
122 1,2,3-Trichlorobenzene	180	17.056	17.056	0.0	95	284495	23.5	
S 124 Xylenes, Total	1				0		74.9	
S 125 1,2-Dichloroethene, Total	1				0		49.5	
S 126 1,3-Dichloropropene, Total	1				0		58.9	

Report Date: 12-Apr-2011 12:00:55
 Data File: \\Bufchrom\ChromData\HP5973C\20110412-2205.b\C9835.D
 Injection Date: 12-Apr-2011 11:31:30
 Client ID:
 Lims Batch ID: 11663
 Operator ID: LH
 Column Type: ZB-624
 Column Dia: 0.25 mm
 Limit Group: MV - 8260B ICAL
 Instrument ID: HP5973C
 Lims Sample ID: 4



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973C Start Date: 03/21/2011 15:55Analysis Batch Number: 9035 End Date: 03/21/2011 23:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-9035/1		03/21/2011 15:55	1	C9215.D	ZB-624 (30) 0.53 (mm)
STD 480-9035/2 IC		03/21/2011 16:50	1	C9217.D	ZB-624 (30) 0.53 (mm)
STD 480-9035/3 IC		03/21/2011 17:16	1	C9218.D	ZB-624 (30) 0.53 (mm)
STD 480-9035/4 IC		03/21/2011 17:41	1	C9219.D	ZB-624 (30) 0.53 (mm)
STD 480-9035/5 ICIS		03/21/2011 18:07	1	C9220.D	ZB-624 (30) 0.53 (mm)
STD 480-9035/6 IC		03/21/2011 18:32	1	C9221.D	ZB-624 (30) 0.53 (mm)
STD 480-9035/7 IC		03/21/2011 18:57	1	C9222.D	ZB-624 (30) 0.53 (mm)
ICV 480-9035/8		03/21/2011 19:57	1		ZB-624 (30) 0.53 (mm)
MDLV 480-9035/9		03/21/2011 20:48	1		ZB-624 (30) 0.53 (mm)
STD 480-9035/10 IC		03/21/2011 21:39	1		ZB-624 (30) 0.53 (mm)
STD 480-9035/11 IC		03/21/2011 22:04	1		ZB-624 (30) 0.53 (mm)
STD 480-9035/12 IC		03/21/2011 22:29	1		ZB-624 (30) 0.53 (mm)
STD 480-9035/13 IC		03/21/2011 22:53	1		ZB-624 (30) 0.53 (mm)
STD 480-9035/14 IC		03/21/2011 23:20	1		ZB-624 (30) 0.53 (mm)
STD 480-9035/15 IC		03/21/2011 23:45	1		ZB-624 (30) 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973CStart Date: 04/12/2011 09:57Analysis Batch Number: 11663End Date: 04/12/2011 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-11663/1		04/12/2011 09:57	1	C9832.D	ZB-624 (30) 0.53 (mm)
CCVIS 480-11663/2		04/12/2011 10:28	1	C9833.D	ZB-624 (30) 0.53 (mm)
CCV 480-11663/3		04/12/2011 11:06	1		ZB-624 (30) 0.53 (mm)
LCS 480-11663/4		04/12/2011 11:31	1	C9835.D	ZB-624 (30) 0.53 (mm)
MB 480-11663/5		04/12/2011 12:32	1	C9836.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 13:10	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 13:35	40		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 14:00	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 14:25	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 14:51	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 15:16	1		ZB-624 (30) 0.53 (mm)
480-3471-1 DL	Duplicate DL	04/12/2011 15:41	500	C9843.D	ZB-624 (30) 0.53 (mm)
480-3471-6 DL	MW-13S DL	04/12/2011 16:07	800	C9844.D	ZB-624 (30) 0.53 (mm)
480-3471-9	MW-15D	04/12/2011 16:32	8	C9845.D	ZB-624 (30) 0.53 (mm)
480-3471-12 DL	MW-16S DL	04/12/2011 16:57	4000	C9846.D	ZB-624 (30) 0.53 (mm)
480-3471-15 DL	MW-4 DL	04/12/2011 17:22	800	C9847.D	ZB-624 (30) 0.53 (mm)
480-3471-17 DL	MW-8R DL	04/12/2011 17:47	2000	C9848.D	ZB-624 (30) 0.53 (mm)
480-3471-19	Rinse Blank	04/12/2011 18:12	1	C9849.D	ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 18:37	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 19:02	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 19:27	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 19:53	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 20:18	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 20:43	40		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 21:08	1		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 21:33	40		ZB-624 (30) 0.53 (mm)
ZZZZZ		04/12/2011 21:58	40		ZB-624 (30) 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973N Start Date: 03/18/2011 12:14Analysis Batch Number: 8779 End Date: 03/18/2011 22:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-8779/1		03/18/2011 12:14	1	N5525.D	ZB-624 (60) 0.25 (mm)
STD 480-8779/2 IC		03/18/2011 13:00	1	N5527.D	ZB-624 (60) 0.25 (mm)
STD 480-8779/3 IC		03/18/2011 13:23	1	N5528.D	ZB-624 (60) 0.25 (mm)
STD 480-8779/4 IC		03/18/2011 13:46	1	N5529.D	ZB-624 (60) 0.25 (mm)
STD 480-8779/5 ICIS		03/18/2011 14:09	1	N5530.D	ZB-624 (60) 0.25 (mm)
STD 480-8779/6 IC		03/18/2011 14:32	1	N5531.D	ZB-624 (60) 0.25 (mm)
STD 480-8779/7 IC		03/18/2011 14:55	1	N5532.D	ZB-624 (60) 0.25 (mm)
ICV 480-8779/8		03/18/2011 15:49	1		ZB-624 (60) 0.25 (mm)
MDLV 480-8779/9		03/18/2011 16:12	1		ZB-624 (60) 0.25 (mm)
STD 480-8779/10 IC		03/18/2011 20:37	1		ZB-624 (60) 0.25 (mm)
STD 480-8779/11 IC		03/18/2011 21:01	1		ZB-624 (60) 0.25 (mm)
STD 480-8779/12 IC		03/18/2011 21:24	1		ZB-624 (60) 0.25 (mm)
STD 480-8779/13 ICIS		03/18/2011 21:47	1		ZB-624 (60) 0.25 (mm)
STD 480-8779/14 IC		03/18/2011 22:10	1		ZB-624 (60) 0.25 (mm)
STD 480-8779/15 IC		03/18/2011 22:33	1		ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Buffalo Job No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973N Start Date: 04/09/2011 10:08Analysis Batch Number: 11387 End Date: 04/09/2011 21:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-11387/1		04/09/2011 10:08	1	N6124.D	ZB-624 (60) 0.25 (mm)
CCV 480-11387/3		04/09/2011 10:59	1		ZB-624 (60) 0.25 (mm)
CCVIS 480-11387/2		04/09/2011 12:16	1	N6129.D	ZB-624 (60) 0.25 (mm)
LCS 480-11387/4		04/09/2011 12:39	1	N6130.D	ZB-624 (60) 0.25 (mm)
MB 480-11387/5		04/09/2011 13:03	1	N6131.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 14:27	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 14:50	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 15:13	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 15:36	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 15:59	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 16:23	1		ZB-624 (60) 0.25 (mm)
480-3471-1	Duplicate	04/09/2011 16:46	1	N6138.D	ZB-624 (60) 0.25 (mm)
480-3471-4	MW-12	04/09/2011 17:55	1	N6141.D	ZB-624 (60) 0.25 (mm)
480-3471-5	MW-13D	04/09/2011 18:18	1	N6142.D	ZB-624 (60) 0.25 (mm)
480-3471-6	MW-13S	04/09/2011 18:42	1	N6143.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		04/09/2011 19:50	1		ZB-624 (60) 0.25 (mm)
480-3471-10	MW-15S	04/09/2011 20:14	1	N6147.D	ZB-624 (60) 0.25 (mm)
480-3471-12	MW-16S	04/09/2011 21:00	1	N6149.D	ZB-624 (60) 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica BuffaloJob No.: 480-3471-1

SDG No.: _____

Instrument ID: HP5973NStart Date: 04/10/2011 12:49Analysis Batch Number: 11454End Date: 04/11/2011 00:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-11454/1		04/10/2011 12:49	1	N6157.D	ZB-624 (60) 0.25 (mm)
CCVIS 480-11454/2		04/10/2011 13:13	1	N6158.D	ZB-624 (60) 0.25 (mm)
CCV 480-11454/3		04/10/2011 13:36	1		ZB-624 (60) 0.25 (mm)
LCS 480-11454/4		04/10/2011 13:59	1	N6160.D	ZB-624 (60) 0.25 (mm)
MB 480-11454/5		04/10/2011 14:23	1	N6161.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 15:06	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 15:28	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 15:51	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 16:14	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 16:38	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 17:01	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 17:24	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 17:47	1		ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 18:10	200		ZB-624 (60) 0.25 (mm)
480-3471-2	MW-10	04/10/2011 18:34	1	N6171.D	ZB-624 (60) 0.25 (mm)
480-3471-3	MW-11	04/10/2011 18:56	1	N6172.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 19:19	200		ZB-624 (60) 0.25 (mm)
480-3471-7	MW-14D	04/10/2011 19:42	1	N6174.D	ZB-624 (60) 0.25 (mm)
480-3471-8	MW-14S	04/10/2011 20:06	1	N6175.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 20:29	40		ZB-624 (60) 0.25 (mm)
480-3471-10 DL	MW-15S DL	04/10/2011 20:52	20	N6177.D	ZB-624 (60) 0.25 (mm)
480-3471-11	MW-16D	04/10/2011 21:15	1	N6178.D	ZB-624 (60) 0.25 (mm)
ZZZZZ		04/10/2011 21:38	1000		ZB-624 (60) 0.25 (mm)
480-3471-13	MW-2	04/10/2011 22:01	1	N6180.D	ZB-624 (60) 0.25 (mm)
480-3471-14	MW-3	04/10/2011 22:24	1	N6181.D	ZB-624 (60) 0.25 (mm)
480-3471-15	MW-4	04/10/2011 22:48	40	N6182.D	ZB-624 (60) 0.25 (mm)
480-3471-16	MW-6	04/10/2011 23:15	1	N6183.D	ZB-624 (60) 0.25 (mm)
480-3471-17	MW-8R	04/10/2011 23:38	800	N6184.D	ZB-624 (60) 0.25 (mm)
480-3471-18	MW-9	04/11/2011 00:01	1	N6185.D	ZB-624 (60) 0.25 (mm)

METHOD 8260/624 EXAMPLE CALCULATION
Aqueous Matrix

$$\frac{\text{Amt (ug/L)} \quad \times \quad \text{DF}}{\quad} = \quad \text{ug/l}$$

Amt = ug/L on column
 DF=Dilution Factor (no units)

METHOD 8260 EXAMPLE CALCULATION
Medium-Level Soil Matrix

$$\frac{\text{Amt (UG/L)} \quad \times \quad \text{DF} \quad \times \quad \text{FV}}{\text{SW} \quad \times \quad \text{DDW} \quad \times \quad \text{inj Vol}} \quad \times \quad 1000 = \quad \text{ug/kg}$$

Amt = Amount on column (ug/L x 5 =ng)
 DF=Dilution Factor (no units)
 FV= Final Volume (ml) (FV /50)
 Inj Vol= injection volume(ul)
 SW = Sample Weight (g)
 DDW = Decimal Dry Weight (no units, dry wgt/100)

METHOD 8260 EXAMPLE CALCULATION
Low-Level Soil Matrix

$$\frac{\text{Amt (ng)} \quad \times \quad \text{DF}}{\text{SW} \quad \times \quad \text{DDW}} = \quad \text{ug/kg}$$

Amt = ng on column
 DF=Dilution Factor (no units)
 SW = Sample Weight (g)
 DDW = Decimal Dry Weight (no units, dry wgt/100)



Shipping and Receiving Documents

Chain of Custody Record

Client Information
 Client Contact: **Emily Lantry**
 Mr. Dino Zack
 Company: **AECOM, Inc.**
 Address: **100 Corporate Parkway Suite 341**
 City: **Amherst**
 State: **NY**
 Zip: **14228**
 Phone: **716-836-4506**
 Email: **dino.zack@aecom.com**
 Project Name: **Scott Aviation s/m**
 Site: **New York**

Lab No: **Flachet, Brian**
 E-Mail: **blan.achet@testamericainc.com**
 Sample Tracking No(s):
 COC No: **480-11879-1954.1**
 Page: **Page 1 of 2**
 Job #:

Due Date Requested:
 TAT Requested (days):
 PO #:
 Purchase Order not requr
 WO #:
 Project #:
 48002539
 350000

Sample Identification	Sample Date	Sample Time	Sample Type (C=Composite, G=Grab)	MATRIX (As per Method, On-site, or Lab)	Field Trips (Yes or No)	Field Trips (Yes or No)	Analysis Requested	Preservation Codes	Special Instructions/Note
MW-10	4-4-11	15:10	G	Water	X	N			
MW-11	4-5-11	9:55	G	Water	X	N			
MW-12	4-4-11	13:25	G	Water	X	N			
MW-13D	4-6-11	10:10	G	Water	X	N			
MW-13S	4-6-11	11:05	G	Water	X	N			
MW-14D	4-5-11	12:30	G	Water	X	N			
MW-14S	4-5-11	11:20	G	Water	X	N			
MW-15D	4-5-11	15:39	G	Water	X	N			
MW-15S	4-7-11	8:45	G	Water	X	N			
MW-16D	4-7-11	11:00	G	Water	X	N			
MW-16S	4-7-11	9:55	G	Water	X	N			UNPRESERVED EX

Sample Disposal: Reason To Client Disposal By Lab Archive For _____ Months
 Special Instructions/OC Requirements:

Empty Kit Requisitioned by: **Sample Log**
 Requisitioned by: **Sample Log**
 Requisitioned by: **Sample Log**
 Date/Time: **4-7-11 16:10**
 Date/Time: **4-7-11 16:10**
 Date/Time: **4-7-11 16:10**
 Company: **Company**
 Company: **Company**
 Company: **Company**
 Custody Seals Intact: **A Yes B No**
 Date/Time Seal No: **6.0**

Chain of Custody Record

Client Information		Lab P/I: Fischer, Brian		Customer Tracking No(s):		GC/MS No: 480-11679-1954.2	
Address: 100 Corporate Parkway Suite 341 Amherst, NY 14226 Phone: 716-836-4506		E-Mail: brian.fischer@testamerica.com		Page: Page 2 of 2		Job #:	
Company: AECOM, Inc.		Due Date Requested:		Analysis Requested:		Preservation Codes:	
Address: 100 Corporate Parkway Suite 341 Amherst, NY 14226 Phone: 716-836-4506		TAT Requested (days):		Total Number of Containers:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - High-SO4 F - MeOH G - Acetic H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA Other:	
PO #: Purchase Order not requir WGA		Project #: 48002528 SSOWA		Field Filtered Sample (Yes or No)		M - Hexane N - None O - RENEZE P - NaOH-5 Q - NaOH-50 R - NaOH-500 S - H2SO4 T - 1% Diphenylpicrylhydrazyl U - Acetone V - MCAA W - pH 4-5 X - other (specify)	
Email: bino.zack@aecom.com		Sample Date		Sample Time		Sample Type (C=cont, G=grab)	
Project Name: Scott Aviation site		Sample Date		Sample Time		Sample Type (C=cont, G=grab)	
Site: New York		Sample Date		Sample Time		Sample Type (C=cont, G=grab)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=cont, G=grab)	
MW-2		4-4-11		11:15		G	
MW-3		4-4-11		12:25		G	
MW-4		4-6-11		12:00		G	
MW-5		4-4-11		14:30		G	
MW-6R		4-6-11		14:40		G	
MW-9		4-4-11		15:55		G	
Trip Blank		4-7-11				G	
Rinse Blank		4-6-11		15:15		G	
Duplicate		4-6-11		12:50		G	
MW-15						G	
Special Instructions/Note:		Return To Client <input type="checkbox"/>		Disposal By Lab <input type="checkbox"/>		Archive For _____ Months	
Possible Hazard Identification		Poison B <input type="checkbox"/>		Unknown <input type="checkbox"/>		Radiological <input type="checkbox"/>	
Deliverable Requested: I, II, III, IV, Other (specify)		Per Contract					
Empty Kit Retrieved by:		Date:		Time:		Method of Shipment:	
Retrieved by: [Signature]		4-7-11		16:10		Company	
Retrieved by: [Signature]		Date/Time:		Date/Time:		Company	
Retrieved by: [Signature]		Date/Time:		Date/Time:		Company	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		6.0°C	

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-3471-1

Login Number: 3471

List Source: TestAmerica Buffalo

List Number: 1

Creator: Szymanski, Andrew

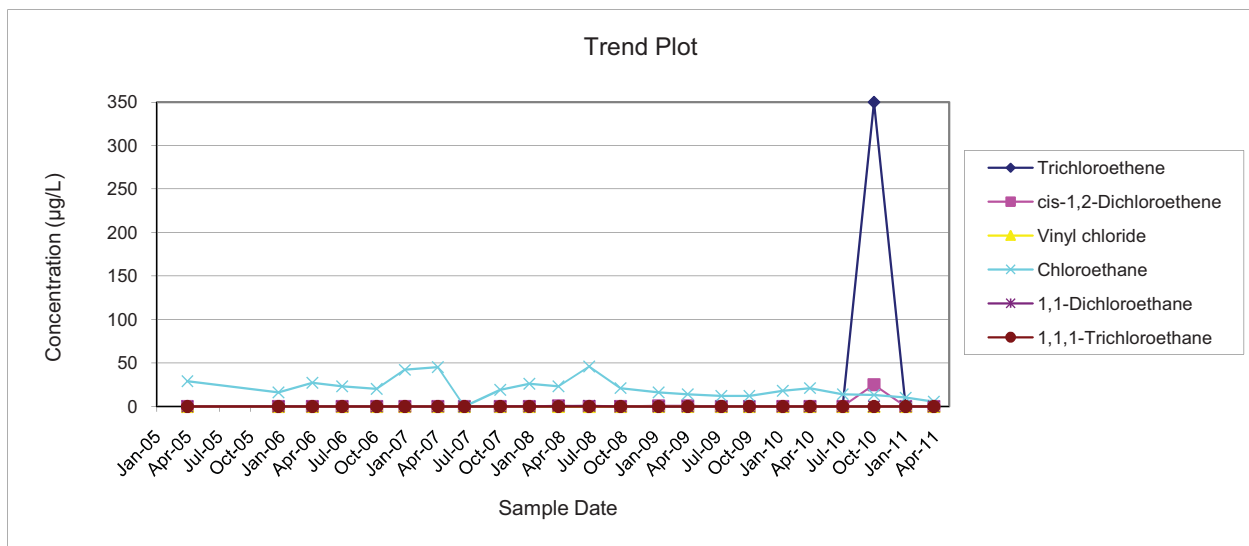
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	True	
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.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX E

CURRENT AND HISTORICAL SUMMARY OF VOCs IN GROUNDWATER

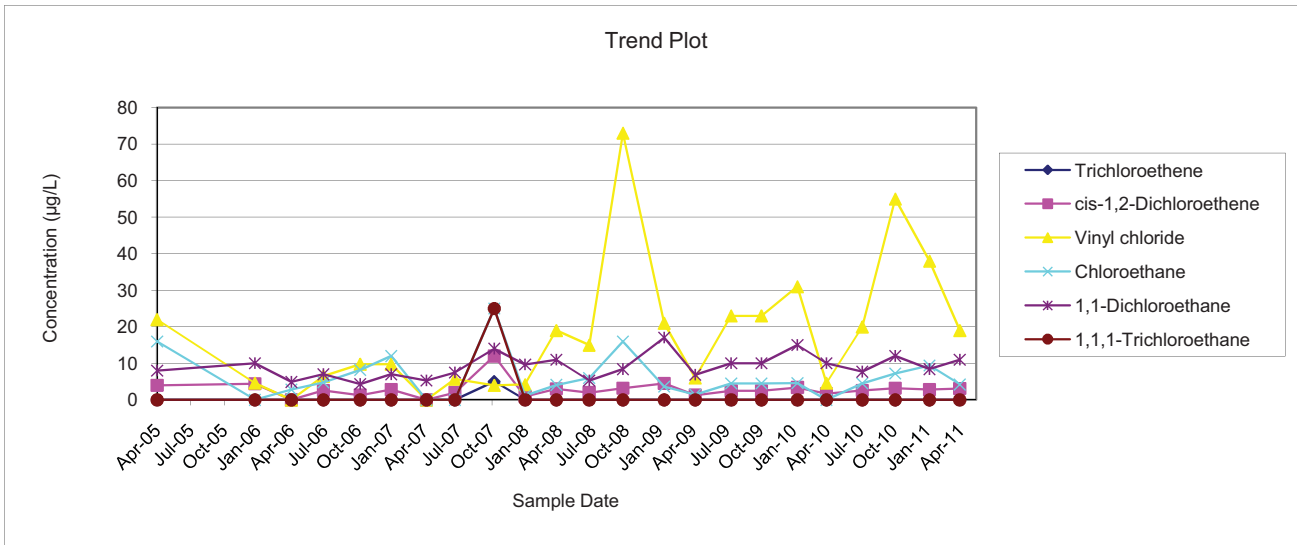
**MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	29	< 10	<10
1/5/2006	< 25	< 25	< 25	16	< 25	< 25
4/14/2006	< 25	< 25	< 25	27	< 25	< 25
7/10/2006	< 25	< 25	< 25	23	< 25	< 25
10/19/2006	< 5	< 5	< 5	20	< 5	< 5
1/9/2007	< 5	< 5	< 5	42	< 5	< 5
4/16/2007	< 20	< 20	< 20	45	< 20	< 20
7/2/2007	< 5	< 5	< 5	< 5	< 5	< 5
10/15/2007	< 5	< 5	< 5	19	< 5	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	0.48	< 5	23	1	< 5
7/1/2008	< 5	< 5	< 5	46	0.65	< 5
10/1/2008	< 5	< 5	< 5	21	<5	< 5
1/20/2009	< 5	0	< 5	16	<5	< 5
4/15/2009	< 5	0	< 5	14	<5	< 5
7/22/2009	< 5	< 5	< 5	12	<5	< 5
10/12/2009	< 5	< 5	< 5	12	<5	< 5
1/18/2010	< 25	< 25	< 25	18	< 25	< 25
4/7/2010	< 25	< 25	< 25	21	< 25	< 25
7/12/2010	< 25	< 25	< 25	14	< 25	< 25
10/11/2010	350	25	< 25	13	< 25	< 25
1/12/2011	<1	<1	<1	10	<1	<1
4/4/2011	<1	<1	<1	5.4	<1	<1



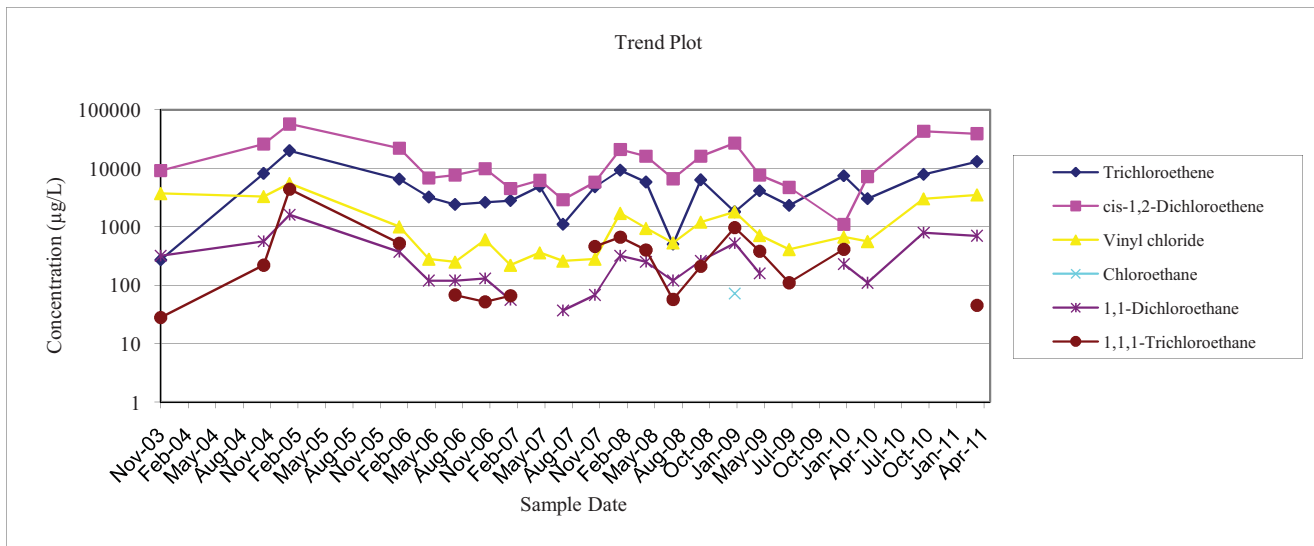
**MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	4	22	16	8	<10
1/5/2006	< 25	4.4	4.6	< 25	10	< 25
4/14/2006	< 25	< 25	< 25	2.8	4.9	< 25
7/10/2006	< 25	2.6	6.5	4.8	7	< 25
10/18/2006	< 5	1.3	9.8	8.2	4.3	< 5
1/10/2007	< 5	2.8	9.8	12	7	< 5
4/16/2007	< 20	< 20	< 20	< 20	5.3	< 20
7/2/2007	< 5	2	5.7	< 5	7.5	< 5
10/17/2007	5	12	4	25	14	25
1/9/2008	< 5	0.9	4.2	1.2	9.7	<5
4/3/2008	<5	3	19	4.1	11	<5
7/1/2008	<5	2	15	6	5.3	<5
10/1/2008	<5	3.2	73	16	8.4	<5
1/21/2009	<5	4.5	21	3.6	17	<5
4/15/2009	<5	1.3	6	1.4	6.9	<5
7/22/2009	<5	2.5	23	4.5	10	<5
10/12/2009	<5	2.5	23	4.5	10	<5
1/18/2010	<5	3.4	31	4.6	15	<5
4/7/2010	<5	1.7	4.6	<5	10	<5
7/13/2010	<5	2.6	20	4.5	7.7	<5
10/11/2010	<5	3.2	55	7.2	12	<5
1/12/2011	<1	2.8	38	9.4	8.4	<1
4/4/2011	<1	3.1	19	4.2	11	<1



**MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

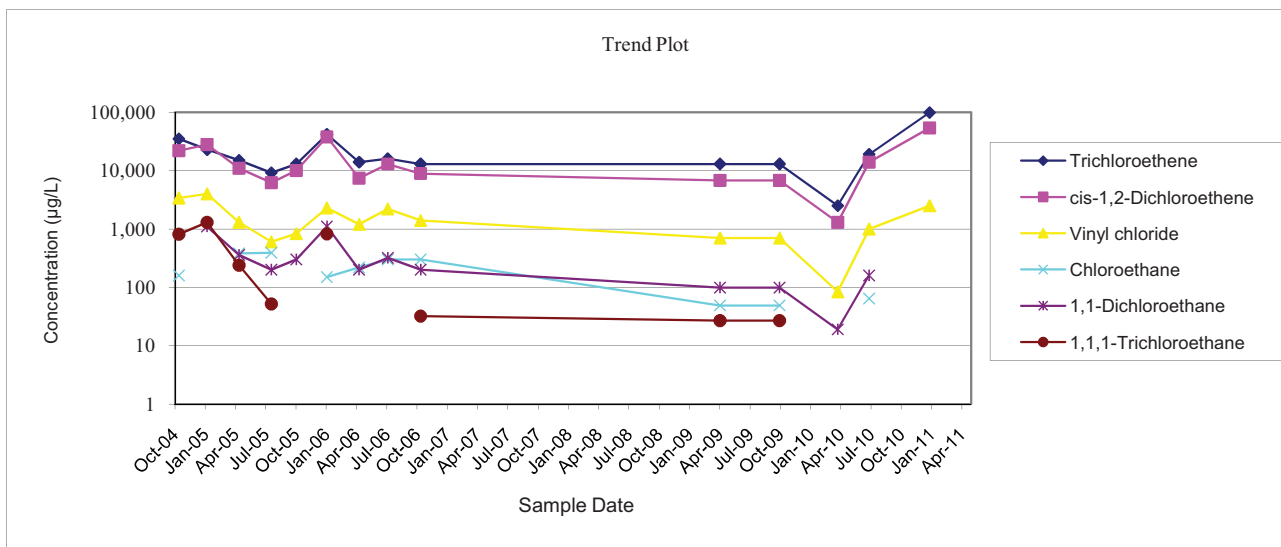
Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	270	9,100	3,700	< 10	320	28
10/13/2004	8,100	26,000	3,300	< 1000	560	220
1/7/2005	20,000	57,000	5,500	< 2000	1,600	4,400
1/6/2006	6,500	22,000	1,000	< 2000	370	520
4/14/2006	3,200	6,800	280	<500	120	<500
7/10/2006	2,400	7,600	250	<500	120	68
10/18/2006	2,600	9,800	600	<5	130	52
1/10/2007	2,800	4,500	220	<400	56	66
4/17/2007	4,900	6,200	360	<500	<500	<500
7/3/2007	1,100	2,900	260	<200	37	<200
10/17/2007	4,800	5,800	280	<500	68	460
1/9/2008	9,200	21,000	1,700	<500	320	660
4/3/2008	5,800	16,000	940	<1200	250	400
7/2/2008	500	6,600	530	<500	120	57
10/2/2008	6,300	16,000	1,200	<500	260	210
1/22/2009	1,800	27,000	1,800	72	520	970
4/15/2009	4,100	7,600	710	<200	160	380
7/22/2009	2,300	4,700	410	<250	<250	110
1/19/2010	7,400	1,100	670	<1000	230	410
4/8/2010	3,000	7,200	560	<500	110	<500
10/11/2010	7,800	43,000	3,000	<4,000	790	<4,000
4/6/2011	13,000	39,000	3,500	<40	700	45



Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

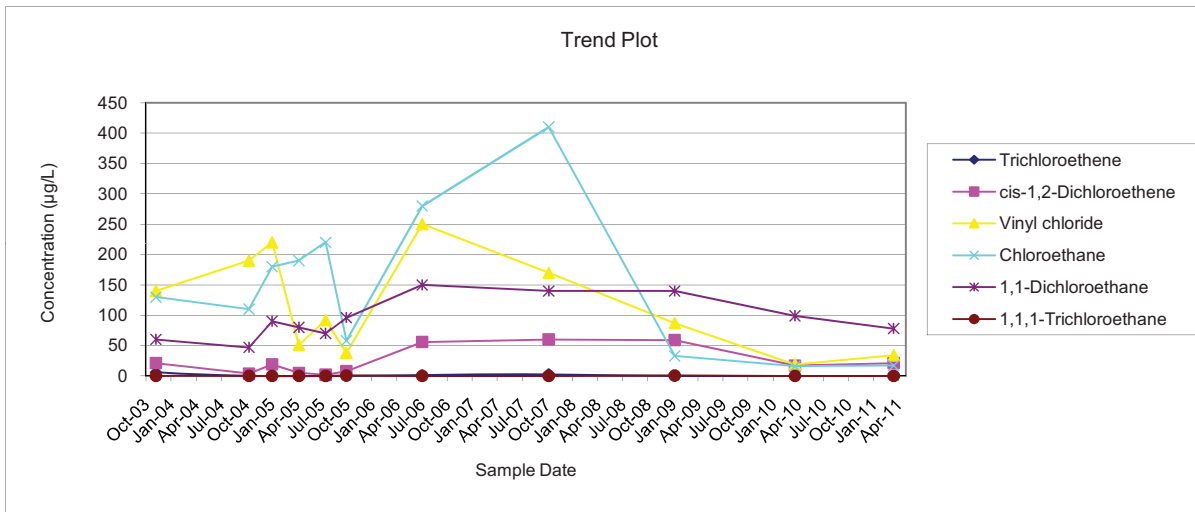
**MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/13/2004	35,000	22,000	3,400	160	< 5,000	810
1/7/2005	23,000	28,000	4,000	< 2,000	1,100	1,300
4/14/2005	15,000	11,000	1,300	380	360	240
7/21/2005	9,200	6,200	600	390	200	52
10/5/2005	13,000	10,000	830	< 1,000	300	<1,000
1/6/2006	42,000	38,000	2,300	150	1100	820
4/14/2006	14,000	7,400	1,200	220	200	< 1,000
7/10/2006	16,000	13,000	2,200	300	320	< 1,000
10/18/2006	13,000	8,900	1,400	300	200	32
4/15/2009	13,000	6,800	700	49	99	27
10/13/2009	13,000	6,800	700	49	99	27
4/8/2010	2,500	1,300	84	<100	19	<100
7/12/2010	19,000	14,000	1,000	64	160	<100
1/12/2011	99,000	54,000	2,500	<2000	<2000	<2000
4/6/2011	89,000	49,000	2,500	<800	470	<800



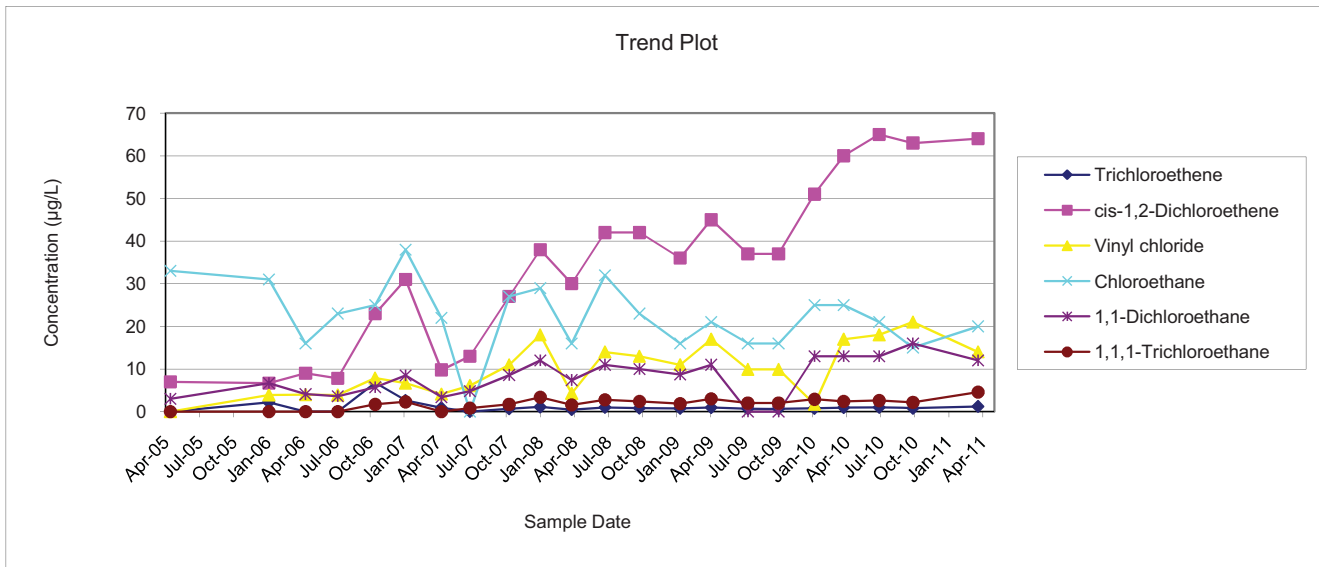
**MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
11/7/2003	6	21	140	130	60	< 10
10/13/2004	< 10	4	190	110	47	< 10
1/6/2005	< 10	19	220	180	90	< 10
4/14/2005	< 10	5	51	190	80	< 10
7/21/2005	< 5	2	92	220	70	< 5
10/5/2005	< 5	8	38	58	96	0.68
7/10/2006	1.3	56	250	280	150	< 5
10/17/2007	2.6	60	170	410	140	< 25
1/21/2009	<5	59	87	33	140	0.81
4/7/2010	<5	17	19	16	99	< 5
4/4/2011	<1	21	34	17	78	<1



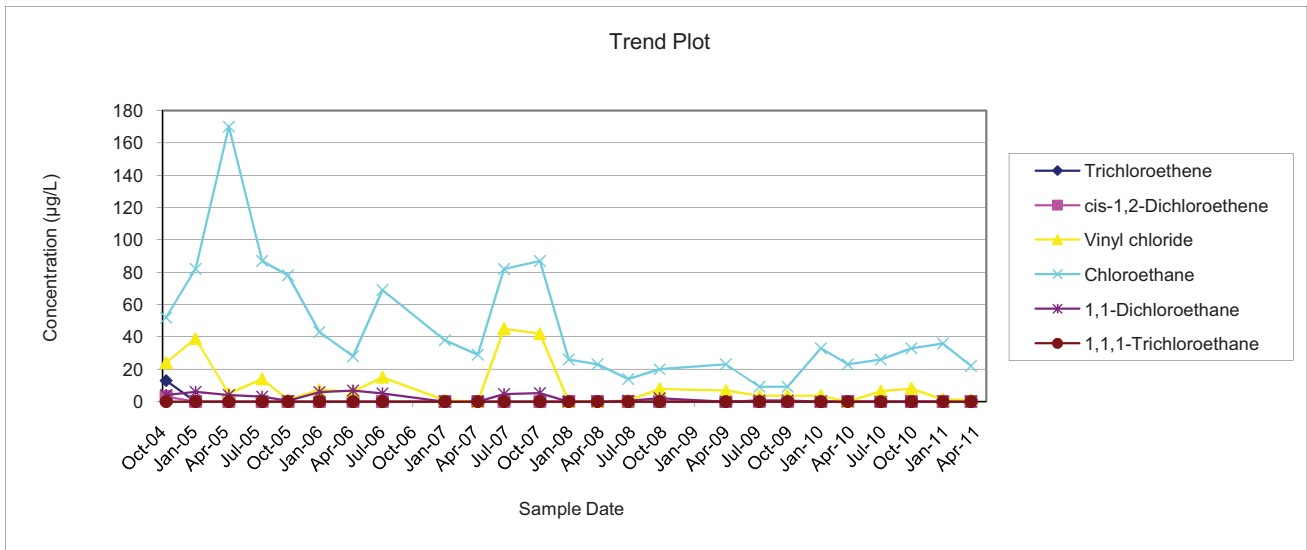
**MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/14/2005	< 10	7	< 10	33	3	< 10
1/5/2006	2.2	6.7	3.9	31	6.7	<20
4/14/2006	< 20	9	4	16	4.1	< 20
7/10/2006	< 20	7.8	3.9	23	3.6	< 20
10/19/2006	6.8	23	7.9	25	5.7	1.7
1/9/2007	2.6	31	6.7	38	8.5	2.3
4/16/2007	0.89	9.8	4.1	22	3.4	<5
7/2/2007	< 5	13	6.1	< 5	4.8	0.84
10/16/2007	0.71	27	11	27	8.6	1.7
1/8/2008	1.1	38	18	29	12	3.4
4/2/2008	0.49	30	4.3	16	7.4	1.6
7/1/2008	1	42	14	32	11	2.8
10/2/2008	0.81	42	13	23	10	2.4
1/20/2009	0.77	36	11	16	8.7	1.9
4/14/2009	0.95	45	17	21	11	3
7/22/2009	0.69	37	9.9	16	<5	2
10/13/2009	0.69	37	9.9	16	<5	2
1/18/2010	0.77	51	1.7	25	13	2.9
4/7/2010	0.95	60	17	25	13	2.4
7/12/2010	1	65	18	21	13	2.6
10/11/2010	0.8	63	21	15	16	2.2
4/5/2011	1.2	64	14	20	12	4.6



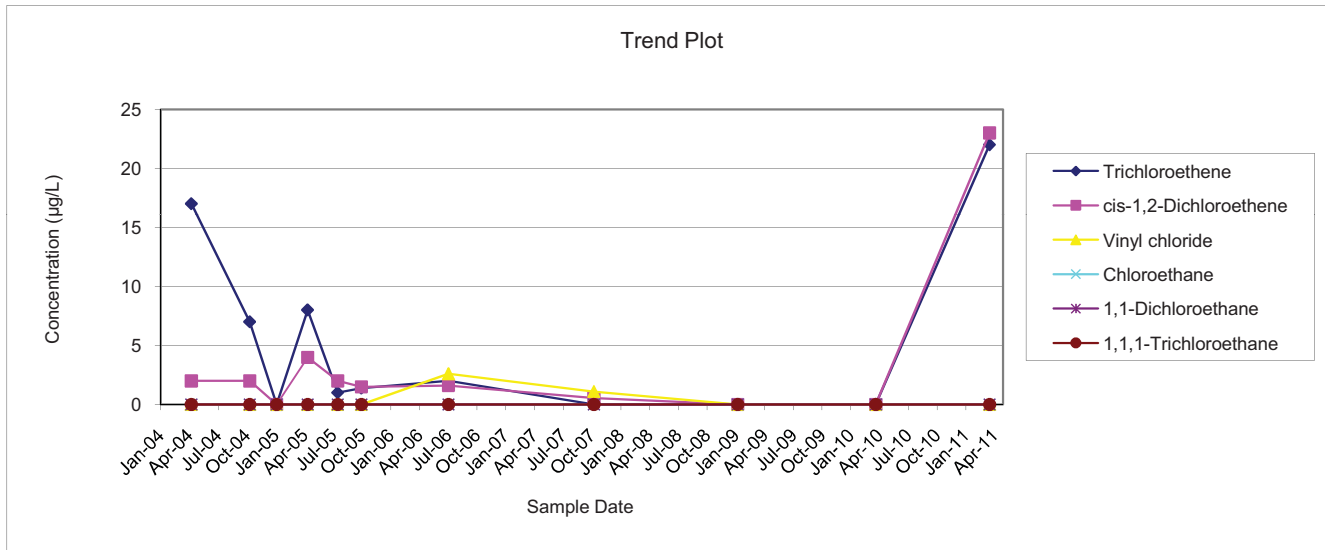
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
10/12/2004	13	3	24	52	4	< 10
1/6/2005	< 10	< 10	39	82	6	< 10
4/14/2005	< 10	< 10	5	170	4	< 10
7/21/2005	< 5	< 5	14	87	3	<
10/5/2005	< 5	< 5	1.2	78	0.43	< 5
1/5/2006	< 25	< 25	7.2	43	5.8	< 25
4/14/2006	< 25	< 25	6.3	28	6.9	< 25
7/10/2006	< 25	< 25	15	69	5	< 25
1/9/2007	< 5	< 5	0.83	38	< 5	< 5
4/16/2007	< 20	< 20	< 20	29	< 20	< 20
7/2/2007	< 5	< 5	45	82	4.6	< 5
10/15/2007	< 5	< 5	42	87	5.2	< 5
1/8/2008	< 5	< 5	< 5	26	< 5	< 5
4/2/2008	< 5	< 5	< 5	23	< 5	< 5
7/1/2008	< 5	< 5	0.64	14	0.55	< 5
10/1/2008	< 5	< 5	7.8	20	2.1	< 5
4/14/2009	<5	<5	6.8	23	<5	<5
7/22/2009	<5	<5	3.6	9.2	0.79	<5
10/12/2009	<5	<5	3.6	9.2	0.79	<5
1/18/2010	<5	<5	3.6	33	<5	<5
4/7/2010	<5	<5	< 5	23	<5	<5
7/13/2010	<5	<5	6.4	26	<5	<5
10/11/2010	<5	<5	8.1	33	<5	<5
1/12/2011	<1	<1	1.3	36	<1	<1
4/4/2011	<1	<1	1.1	22	<1	<1



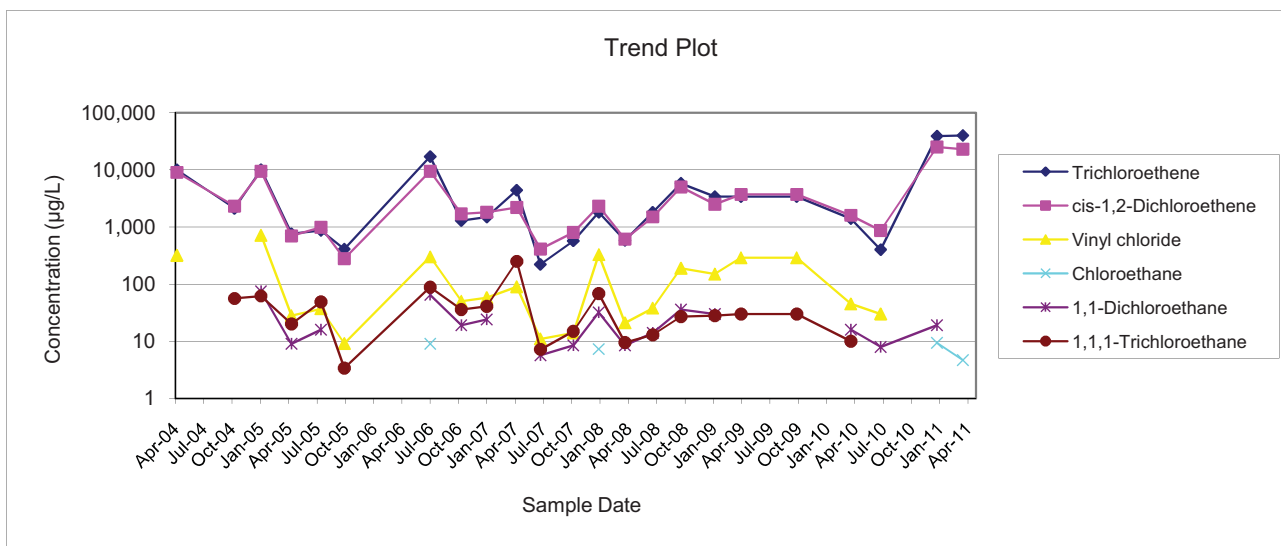
**PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	17	2	< 10	< 10	< 10	< 10
10/12/2004	7	2	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	8	4	< 10	< 10	< 10	< 10
7/20/2005	1	2	< 5	< 5	< 5	< 5
10/4/2005	1.4	1.5	< 5	< 5	< 5	< 5
7/10/2006	2	1.6	2.6	< 5	< 5	< 5
10/18/2007	< 5	0.55	1.1	< 5	< 5	< 5
1/20/2009	< 5	< 5	< 5	< 5	< 5	< 5
4/7/2010	< 5	< 5	< 5	< 5	< 5	< 5
4/6/2011	22	23	< 1	< 1	< 1	< 1



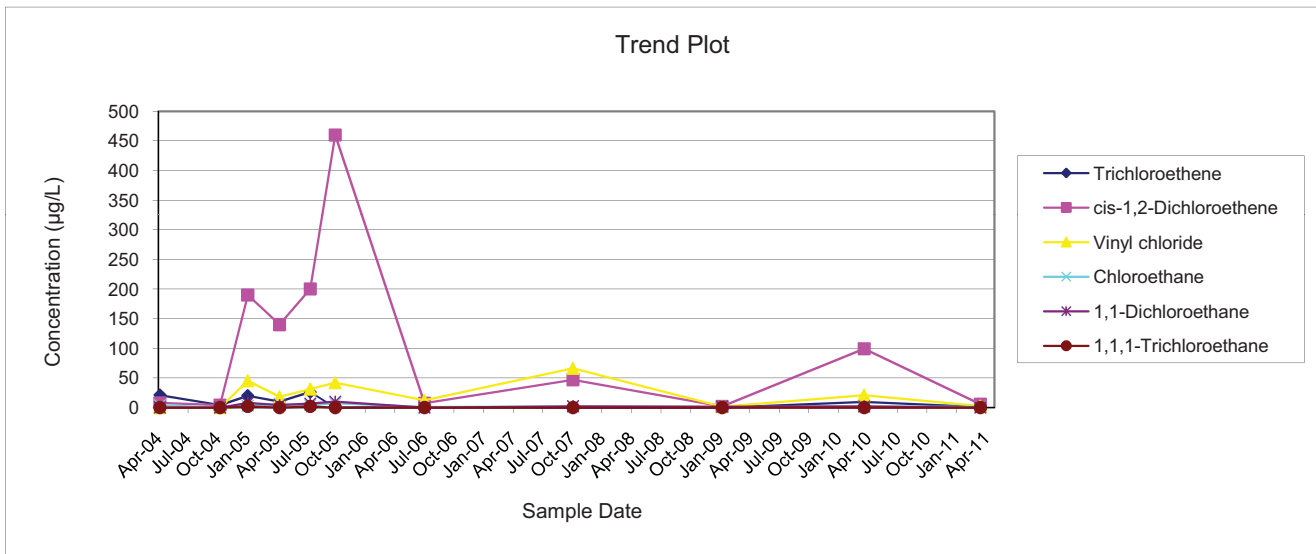
PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	10,000	9,000	320	< 100	< 100	< 100
10/12/2004	2,100	2,300	< 200	< 200	< 200	56
1/6/2005	10,000	9,400	720	< 200	75	62
4/15/2005	760	700	28	< 50	9	20
7/20/2005	870	990	37	< 40	16	49
10/4/2005	410	280	9.1	< 40	< 40	3.4
7/10/2006	17,000	9,400	300	9	65	88
10/19/2006	1,300	1,700	50	<100	19	36
1/10/2007	1,500	1,800	58	<100	24	41
4/17/2007	4,400	2,200	90	< 250	< 250	250
7/3/2007	220	410	11	< 25	5.7	7.2
10/18/2007	570	800	14	< 25	8.5	15
1/9/2008	1800	2300	330	7.3	32	68
4/3/2008	580	610	21	<50	8.5	9.5
7/2/2008	1,800	1,500	38	<120	14	13
10/2/2008	5,800	5,000	190	<120	36	27
1/20/2009	3,400	2,500	150	<10	30	28
4/15/2009	3,400	3,700	290	<40	<40	30
10/13/2009	3,400	3,700	290	<40	<40	30
4/7/2010	1,400	1,600	45	<50	16	10
7/13/2010	400	870	30	<50	7.9	<50
1/12/2011	39,000	25,000	<500	9.4	19	<1
4/6/2011	40,000	23,000	<800	4.7	<800	<800



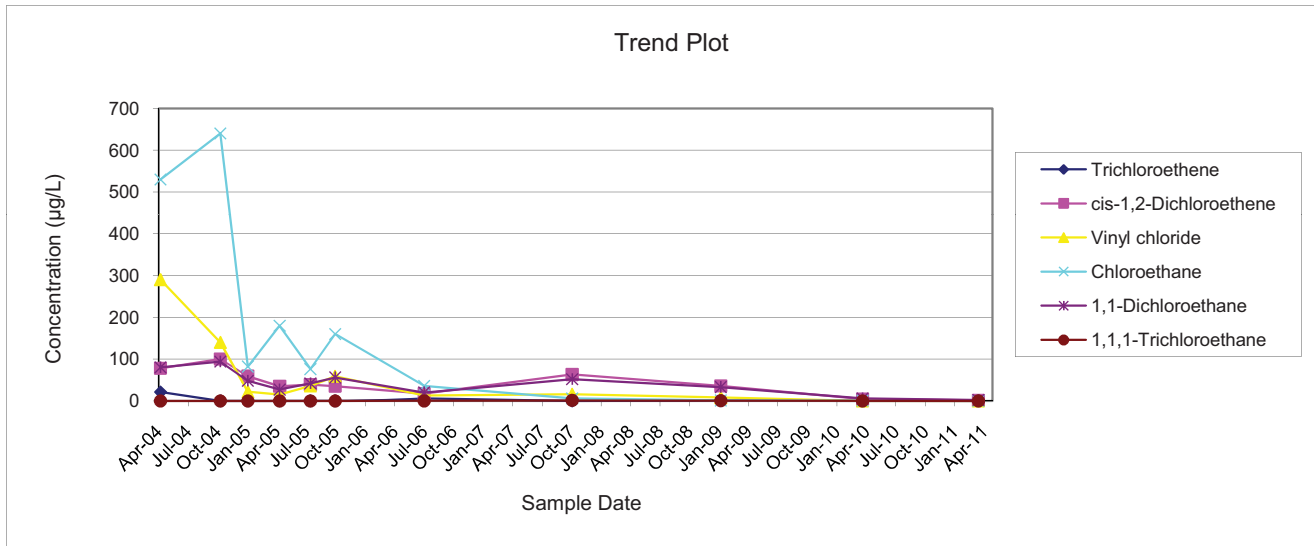
**PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	8	< 10	4	< 10	< 10
10/12/2004	4	4	< 10	< 10	< 10	< 10
1/6/2005	20	190	45	3	8	2
4/15/2005	10	140	18	6	4	< 10
7/20/2005	26	200	31	4	7	2
10/5/2005	< 10	460	42	7.2	9.9	<10
7/10/2006	0.96	7.2	12	0.82	< 5	< 5
10/15/2007	< 5	47	66	1.8	2.2	< 5
1/21/2009	<5	2	1.4	0.91	1.3	<5
4/8/2010	9.4	99	21	1.5	2	<5
4/5/2011	0.97	5.6	2.6	1.5	<1	<1



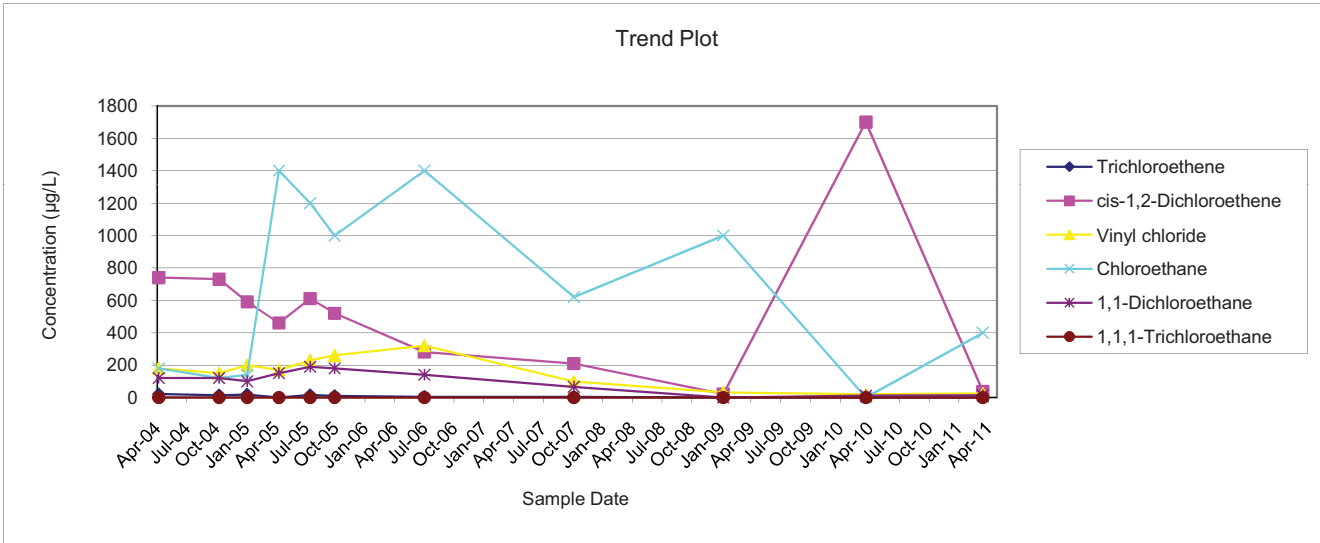
**PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	78	290	530	80	< 20
10/12/2004	< 10	100	140	640	94	< 10
1/6/2005	< 10	59	22	82	48	< 10
4/15/2005	< 10	35	15	180	27	< 10
7/20/2005	< 5	39	36	76	42	< 5
10/5/2005	< 5	35	59	160	56	<5
7/10/2006	5.7	17	13	36	20	< 25
10/15/2007	< 5	63	16	5.7	52	1.3
1/21/2009	0.38	36	7.9	0.87	33	0.63
4/8/2010	< 5	4	< 5	0.62	5.9	<5
4/5/2011	< 1	1.1	<1	<1	1.9	<1



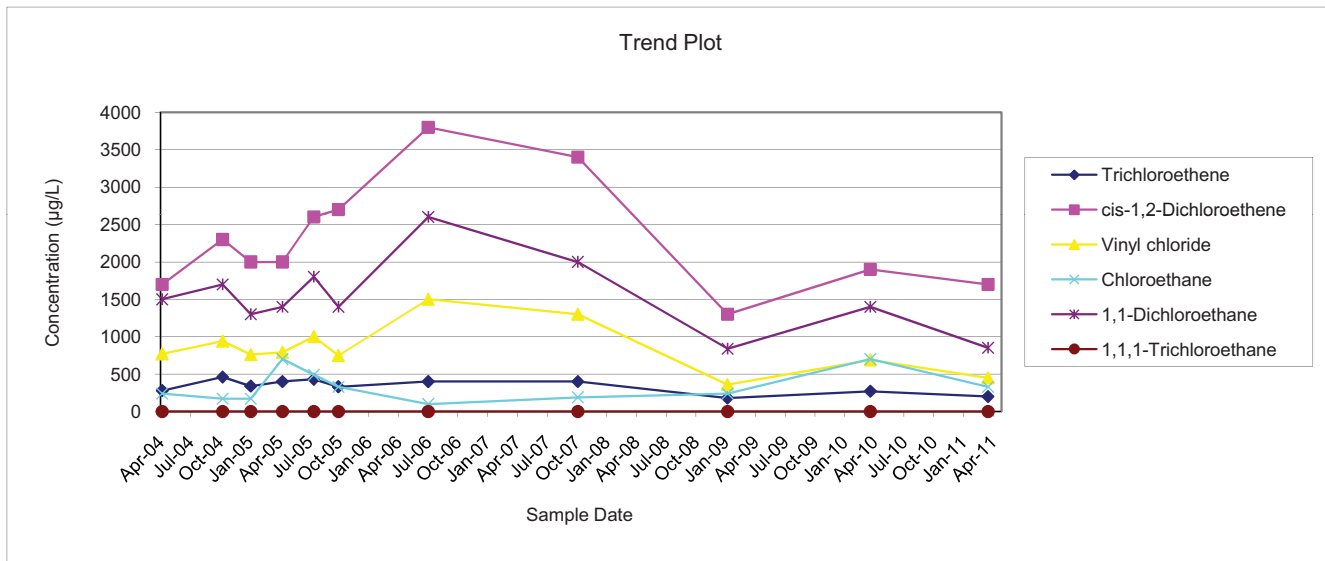
**PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	21	740	180	180	120	< 10
10/12/2004	14	730	150	120	120	< 50
1/7/2005	18	590	200	140	100	< 50
4/15/2005	< 50	460	170	1,400	150	< 50
7/21/2005	15	610	230	1,200	190	< 25
10/5/2005	10	520	260	1,000	180	<50
7/10/2006	4.9	280	320	1,400	140	< 5
10/16/2007	3.6	210	99	620	66	< 5
1/21/2009	<25	22	32	1000	<25	<25
4/8/2010	<5	1700	19	<5	12	<5
4/5/2011	<8	38	26	400	13	<8



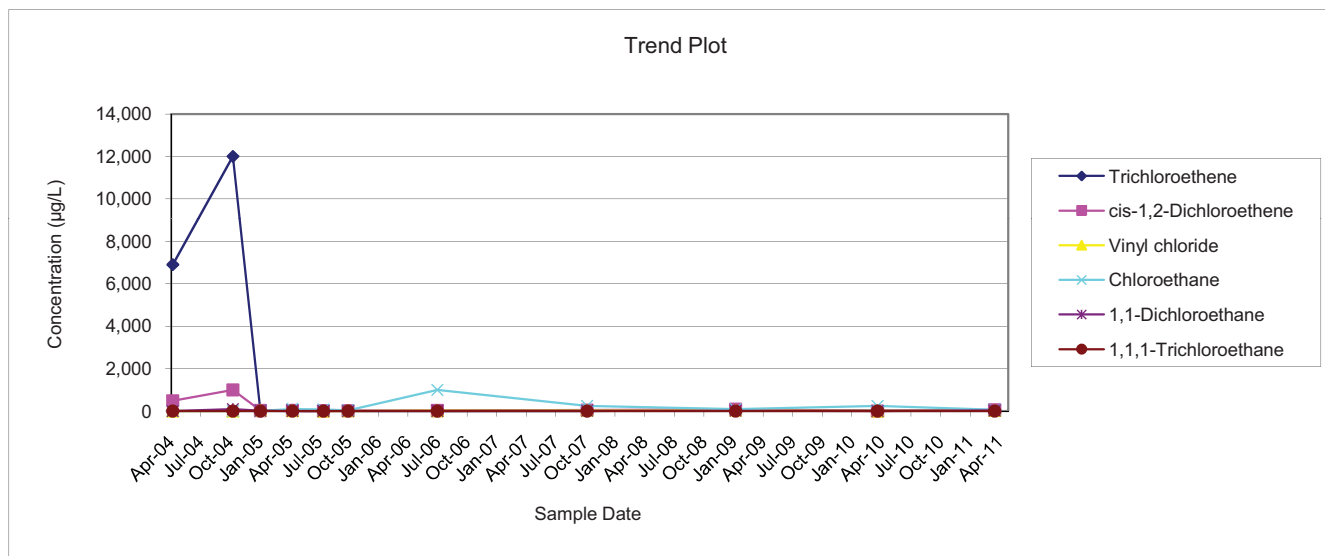
**PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	280	1,700	770	240	1,500	< 250
10/12/2004	460	2,300	940	170	1,700	< 250
1/7/2005	340	2,000	760	170	1,300	< 250
4/15/2005	400	2,000	790	700	1,400	< 200
7/21/2005	430	2,600	1,000	490	1,800	< 120
10/5/2005	330	2,700	750	330	1,400	<100
7/10/2006	400	3,800	1,500	100	2,600	< 25
10/16/2007	400	3400	1300	190	2000	< 200
1/21/2009	180	1300	360	240	840	<5
4/8/2010	270	1900	690	700	1400	<10
4/7/2011	200	1700	450	330	850	<1



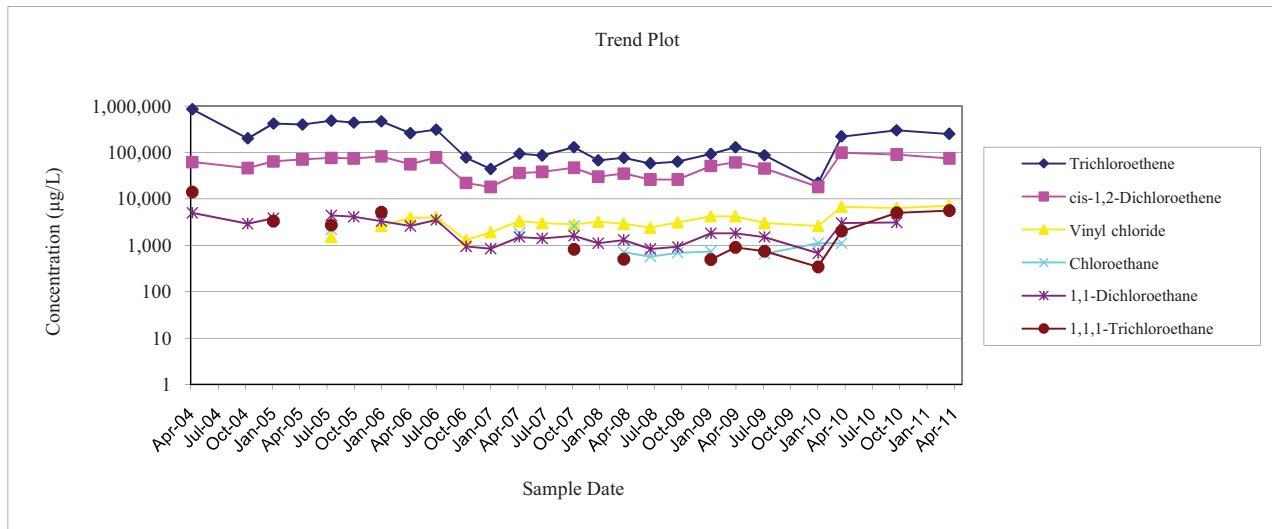
**PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	6,900	490	< 500	< 500	< 500	< 500
10/12/2004	12,000	1,000	< 500	< 500	91	< 500
1/6/2005	9	27	39	22	15	< 10
4/15/2005	32	36	17	100	10	< 10
7/21/2005	25	12	4	84	2	< 10
10/5/2005	1.3	16	10	41	5	<5
7/10/2006	6.1	27	21	1,000	9.7	< 5
10/18/2007	6	48	39	250	16	< 20
1/22/2009	52	92	39	90	21	1.9
4/8/2010	12	6.9	3.6	240	8.7	< 10
4/7/2011	22	59	33	59	27	1.2



PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	Chloroethane	1,1-Dichloroethane	1,1,1-Trichloroethane
4/8/2004	860,000	62,000	< 20,000	< 20,000	5,000	14,000
10/12/2004	200,000	46,000	< 10,000	< 10,000	2,900	< 10,000
1/7/2005	420,000	64,000	< 10,000	< 10,000	3,800	3,300
4/15/2005	400,000	71,000	< 25,000	< 25,000	< 25,000	< 25,000
7/21/2005	480,000	76,000	1,500	2,200	4,400	2,700
10/5/2005	440,000	74,000	< 25,000	< 25,000	4,100	< 25,000
1/6/2006	470,000	82,000	2,600	< 20,000	3,300	5,200
4/14/2006	260,000	56,000	3,900	< 20,000	2,600	< 20,000
7/10/2006	310,000	78,000	4,000	< 20,000	3,500	< 20,000
10/19/2006	77,000	22,000	1,300	< 5,000	940	< 5,000
1/10/2007	44,000	18,000	1,900	< 2,500	840	< 2,500
4/17/2007	94,000	36,000	3,300	1,800	1,500	< 5,000
7/3/2007	86,000	38,000	3,000	< 5,000	1,400	< 5,000
10/18/2007	130,000	47,000	2,800	2,600	1,600	820
1/8/2008	67,000	30,000	3,200	< 5,000	1,100	< 5,000
4/3/2008	76,000	35,000	2,900	710	1,300	500
7/2/2008	58,000	26,000	2,400	570	830	< 5,000
10/2/2008	63,000	26,000	3,100	690	920	< 5,000
1/22/2009	92,000	51,000	4,200	730	1,800	490
4/15/2009	130,000	61,000	4,200	< 2,000	1,800	900
7/22/2009	87,000	45,000	3,000	650	1,500	740
1/19/2010	22,000	18,000	2,600	1,100	670	340
4/8/2010	220,000	99,000	6,800	1,100	3,000	2,000
10/11/2010	300,000	90,000	6,300	< 20,000	3,100	5,000
4/7/2011	250,000	74,000	7,100	< 4,000	< 4,000	5,600



APPENDIX F

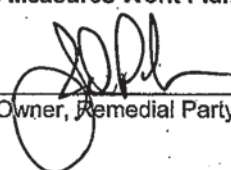
COMPLETED INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM



Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 Site Management Periodic Review Report Notice
 Institutional and Engineering Controls Certification Form



	Site Details	Box 1
Site No. 915149		
Site Name Scott Aviation		
Site Address: 225 Erie Street	Zip Code: 14086	
City/Town: Lancaster		
County: Erie		
Site Acreage: 1.0		
Reporting Period: November 13, 2010 to July 31, 2011 ✓		
		YES NO
1. Is the information above correct?		<input checked="" type="checkbox"/> <input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		<input type="checkbox"/> <input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/> <input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input type="checkbox"/> <input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		<input type="checkbox"/> <input checked="" type="checkbox"/>

	Box 2
	YES NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	<input checked="" type="checkbox"/> <input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?	<input checked="" type="checkbox"/> <input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.	
A Corrective Measures Work Plan must be submitted along with this form to address these issues.	
 <hr/> Signature of Owner, Remedial Party or Designated Representative	7/18/11 <hr/> Date

SITE NO. 915149

Box 3

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
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Box 4

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
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104.16-4-8.1

Cover System
Groundwater Containment
Pump & Treat
Vapor Mitigation



Control Description for Site No. 915149

Parcel: 104.16-4-8.1

A long-term Operation, Monitoring and Maintenance Program is in place and includes: 1) long-term operation and maintenance of a groundwater collection and treatment system, 2) long-term operation and maintenance of a dual phase extraction system, 3) quarterly sampling of groundwater to monitor the effectiveness of the treatment systems, and 4) monthly sampling of the treatment systems to ensure compliance with discharge limits.



Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

7/18/11

Date

IC CERTIFICATIONS
SITE NO. 915149

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John Perkins at 60600 Congress Ave, Boca Raton, FL 33497
print name print business address

am certifying as Scott Technologies, INC. (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

[Signature]
Signature of Owner or Remedial Party Rendering Certification

7/18/11
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I TIMOTHY S. RENN at 10 PATEWOOD DRIVE, BLDG VII, GREENVILLE, SC 29615
print name print business address

am certifying as a Professional Engineer for the SCOTT AVIATION SITE
(Owner or Remedial Party)

that is named in the Site Details (Box 4) Section of this Form.

[Signature]
Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification



6.29.11
Date